

# Growth, destruction, and preservation of Earth's continental crust

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## Abstract

From the scant Hadean records of the Jack Hills to Cenozoic supervolcanoes, the continental crust provides a synoptic view deep into Earth history. However, the information is fragmented, as large volumes of continental crust have been recycled back into the mantle by a variety of processes. The preserved crustal record is the balance between the volume of crust generated by magmatic processes and the volume destroyed through return to the mantle by tectonic erosion and lower crustal delamination. At present-day, the Earth has reached near-equilibrium between the amount of crust being generated and that being returned to the mantle. However, multiple lines of evidence support secular change in crustal processes through time. Though a variety of isotopic proxies are used to estimate crustal growth through time, none of those currently utilized are able to quantify the volumes of crust recycled back into the mantle. This implies the estimates of preserved continental crust and growth curves derived therefrom represent only a minimum of total crustal growth. We posit that from the Neoproterozoic, the probable onset of modern-day style plate tectonics, there has been no net crustal growth (and perhaps even a net loss) of the

continental crust. Deciphering changes from this equilibrium state through geologic time remains a continual pursuit of crustal evolution studies.

**Keywords:** Continental crust; Tectonic erosion; Crustal recycling; Secular change; Earth history

## 1. Introduction

The processes and rates governing the formation of Earth's continental crust have been key questions in Earth science and remain debated today (e.g. Armstrong, 1981; Taylor and McLennan, 1985; Rudnick, 1995; Cawood et al., 2013). Continual development in measuring new isotopic systems and the application of new minerals with greater spatial and analytical resolution have fuelled the debate surrounding these questions (e.g. DePaolo, 1980; Condie, 1998; Kemp et al., 2007; Condie and Aster, 2013; Dhuime et al., 2015). The debate over general crust-forming processes have continued despite the availability of tools to look at the intricacies of crust formation in varying settings, as against the fewer techniques with poor resolution available in the past (e.g. Harrison, 2009; Reimink et al., 2014; Johnson et al., 2016; Santosh et al., 2016). Lessons from Phanerozoic plate tectonics have also informed us about the destruction and recycling of crust (e.g. Kay and Kay, 1991; Huene and Scholl, 1991; Stern, 2011; Vannucchi et al., 2016), but this aspect of Earth's evolution has seen less studied when referring to deep time, and remains a keystone in understanding the volume of Earth's continental crust through time. Recently, contributions that bias in the geological record has made our archive of continental crust to sharp focus (Hawkesworth et al., 2009; Spencer et al., 2015), although quantification is still lacking.

In this overview, we attempt to cover processes governing the formation, destruction and preservation of Earth's continental crust, focussing on the evolution of these processes through Earth history.

## 2. Nature and loci of modern crustal growth

The Earth is currently comprised of two major silicate reservoirs that are defined broadly by igneous differentiation. The mantle is generally defined as having undergone no (or minimal) igneous differentiation and is ultramafic in composition, whereas the crust has undergone varying degrees of differentiation and is mafic to felsic in composition. For the purposes of this paper we consider herein the transfer of melt products from the mantle to the crust as 'growth'. Growth of the continental crust currently takes place primarily by arc, hotspot, rift-related, and spreading-ridge magmatism (Scholl and von Huene, 2007, 2009; Clift et al., 2009; Stern, 2011; Cawood et al., 2013). On the modern globe, the composition of the crust exposed at the surface is broadly bimodal (and corresponds with topography) in that the oceanic crust is predominately mafic and the continental crust is predominantly intermediate and felsic in composition (Cawood et al., 2013). The largest volume of magma produced in the crust occurs at mid-ocean ridges (Jicha and Jagoutz, 2015). As oceanic plates diverge, decompression melting of the upper mantle produces new mafic oceanic crust. This results in between  $\sim 230$  and  $325 \text{ km}^3 \text{ km}^{-1} \text{ Myr}^{-1}$  or  $\sim 155,000,000$  to  $220,000,000 \text{ km}^3$  of ocean crust per Myr (after Jicha and Jagoutz, 2015). This newly formed oceanic crust is subsequently hydrothermally altered by continued mid-ocean ridge magmatism and is hydrated. Within at most  $\sim 200$  Myr, the oceanic crust is consumed at subduction zones where recycling of the oceanic crust into the mantle is driven by negative buoyancy. During subduction of oceanic crust, the flux of water and other volatiles from the subducting slab causes melting in the mantle wedge above the subducting slab along with minor contributions from the subducting slab and sediments (Coats, 1962; Plank and Langmuir, 1993; Currie et al., 2007; Spencer et al., in review). The resulting magma rises through the mantle and is emplaced into the overlying crust where it forms a magmatic arc marking the birth of continental crust. Ocean-margin arc magmatism produces the largest volume of newly formed continental crust (Scholl and von Huene, 2009 and references therein).

Estimates of global additions to the continental crust vary among different workers. It is estimated that arc magmatism accounts for  $\sim 60\%$  to  $80\%$  of continental additions (Clift et al., 2009; Stern and Scholl, 2010; Cawood et al., 2013) with oceanic and continental large igneous provinces and hotspot/rift-related magmatism accounting for the remainder. Stern and Scholl (2010) further distinguish the balance of continental crust produced to be  $\sim 30\%$  higher in oceanic arcs than in continental arcs. From a suite of representative oceanic arcs,

Jicha and Jagoutz (2015), estimate arc productivity between  $157$  and  $290 \text{ km}^3 \text{ km}^{-1} \text{ Myr}^{-1}$  or  $\sim 5,000,000$  to  $10,500,000 \text{ km}^3$  per Myr (assuming oceanic arc length of  $17,449$ ; Bird, 2003). In contrast, arc productivity in the Andes since  $\sim 20 \text{ Ma}$  is estimated at  $\sim 35 \text{ km}^3 \text{ km}^{-1} \text{ Myr}^{-1}$  or  $\sim 280,000 \text{ km}^3$  per Myr (Haschke and Gunther, 2003 and assuming  $8000 \text{ km}$  arc length). If the magma production during this time in the Andes is broadly representative of continental arcs globally, this equates to  $\sim 1,200,000 \text{ km}^3$  per Myr or less than a quarter of the magma volumes produced in oceanic arcs (Fig. 1).

### **3. Nature and loci of modern crustal destruction**

In an ironic balancing act, the subduction zone not only is the loci of dominant continental growth, but also acts as the primary driver for continent destruction. As stated previously, the magmatic transfer from the mantle to the crust is herein considered 'growth' and the converse is 'destruction'. In this context, destruction can be misleading as several lines of evidence support the preservation of crustal reservoirs in the mantle and likely along the mantle transition zone (Kawai et al., 2013) or the core/mantle boundary (Lay and Garnero, 2011; Zhao et al., 2015; Ma et al., 2016; Garnero et al., 2016). For the purposes of this paper, we simply use the term destruction to represent vertical transportation of crust into the mantle. The vast majority of oceanic crust returns to the mantle via subduction processes with ophiolite and oceanic asperity obduction transferring minor volumes of oceanic crust onto the continent ( $\ll 1\%$ ; see Dilek and Furnes, 2011; Furnes and Dilek, 2017). A number of mechanisms are responsible for the removal of continental crust in subduction zones. We use the catch-all term 'tectonic erosion' to refer to these processes. Tectonic erosion generally removes the continental crust through bottom-up processes (e.g. basal erosion and delamination) however, sediment deposited in the accretionary prism or grabens in the ocean crust can be incorporated into the subduction channel. Due to changes in the subducting slab angle, basal erosion can remove large volumes of the subcontinental mantle lithosphere as well as the continental lithosphere (Kay and Mpodozis, 2002; Yamamoto et al., 2009; Chapman et al., 2016). Basal erosion can also occur due to extension in the



subducting oceanic crust wherein horst structures form asperities at the subduction interface which 'bulldozes' continental material from the upper plate into grabens that are subsequently subducted (Ballance et al., 1989; von Huene et al., 1999; Wells et al., 2003; Azuma et al., 2016). As the continental crust along a subduction margin thickens, it is theorized that the root of the arc can gravitationally founder and delaminate into the mantle (Kay and Kay, 1993; Kay et al., 1994; DeCelles et al., 2009). This is likely due to the transition of the lower crust to eclogite, which is denser than peridotite (Kay and Kay, 1991; Ducea, 2002; Lee et al., 2006).

The Andean orogeny is one place on the planet where the balance of magmatism and tectonic erosion is clear. Modern volcanism in the Andes is located between 200-400 kilometers from the trench (Götze et al., 2006). Several studies have shown the clear eastward migration of the magmatic arc through time (Ramos, 1988; Stern, 1989; Stern, 1991; Scheuber and Reutter, 1992; Atherton and Petford, 1996; Yáñez et al., 2001; Kay et al., 2005; Ramos and Folguera, 2005). Currently there is late-Paleozoic and early-Mesozoic mélangé exposed within ~50 km of the present coastline of the western continental margin (Kato, 1985; Bell, 1987; Rebolledo and Charrier, 1994; Willner et al. 2004; Godoy and Lara, 2005; Kato and Godoy, 2015) implying a significant amount of continental lithosphere has been removed from the continental margin (Scholl and von Huene, 2007).

The buoyancy differential between the continental crust and mantle is traditionally thought to prevent the deep subduction of continental material, However, the discovery of ultra-high pressure mineral phases (e.g. coesite and diamond) in metapelitic lithologies confirms the subduction of continental material to depths greater than 200 km (Chopin and Sobolev, 1995; Ye et al., 2000a; Ye et al., 2000b). Furthermore, the chemical composition of many intraplate hotspot magmas carries isotopic signatures akin to continental material (Dupre and Allegre, 1983; Loubet et al., 1988; Eiler et al., 1995). Despite these empirical constraints of deep subduction of continental material, the theory controlling the subduction of large continental masses was established by Molnar and Gray (1979). It was postulated that the gravitational force of the subducting oceanic lithosphere (and its subsequent eclogitization) might also exert a force on the leading edge of the attached continental lithosphere. Evidence supporting this hypothesis is seen along the northern margin of Australia where

over 200 km length of continental crust has been subducted beneath the Banda Arc. This is constrained by palinspastic reconstructions of Australian-derived sediments (see Spencer et al., 2015b; Zimmerman and Hall, 2016), which are found imbricated on the southern margin of Timor (Harris, 2011; Spakman and Hall, 2010; Tate et al., 2015). Assuming a continental crustal thickness of 30 km tapering to 10 km, 200 km of continental length, and 1700 km arc length from the apex of the Banda arc to where it intersects with the Northwest Shelf of Australia, this equates to the subduction of  $1,100,000 \text{ km}^3 \text{ Myr}^{-1}$  for the past 7 Myr (the timing of initial collision) (Fig. 2). A similar situation is observed in the Indo-Asian collision where it is estimated that 50% of the pre-collisional continental crust cannot be accounted for in the preserved crustal volume and therefore is hypothesized that this continental crust has been eclogitized and recycled into the mantle (Ingalls et al., 2016).

Although the Australian example provides a mechanism to consume large volumes of continental crust into the mantle, it has been argued by some that the ultimate fate of 90% of subducted crust is 'relaminated' to the base of the continents (Hacker et al., 2011; Behn et al., 2011; Kelemen and Behn, 2016; Santosh et al., 2017). As crustal growth models most often assume that material subducted is a net loss in the continental volume (e.g. Scholl and von Hunen, 2007; Hawkesworth et al., 2013) the concept of relamination implies that although large volumes of continental crust may be subducted, the vast majority of said crust is merely redistributed rather than removed. This has significant implications for how we assess and contrast the extant total volume of continental crust and the area of crust currently exposed at the surface. The quantification of rates and volumes of relaminated material through time remains one of the largely unconstrained variables in rates of continental growth, and should be a focus of future studies.

Further support for the return of continental material from a subducting slab is found in the presence and character of zircon in lithologies that were sourced from the upper mantle. The presence of zircon and other crustal minerals (kyanite, coesite, quartz, etc.) have been reported in ophiolites from various localities around the world (Yang et al., 2007; Belousova et al., 2015; McGowan et al., 2015; Robinson et al., 2015). It is surmised by Robinson et al. (2015) that continental material is carried into the mantle on subducting oceanic crust and is subsequently transferred into mafic melt channels that rise through the mantle wedge and

coming to reside at the base of a supra-subduction ophiolite. Furthermore, Re-Os isotopes of Os-Ir-Ru sulphides in Tibetan chromitites imply the survival of zircon that was subducted to the mantle transition zone (~400 km) and subsequently returned to the near surface in an ophiolite (McGowan et al., 2015).

## 4. Crustal growth and destruction in magmatic arcs

As noted above, oceanic and continental arcs are the loci in which the bulk of continental crust is formed and destroyed (see also Stern and Scholl, 2010). The apparent balance between growth and destruction from modern estimates implies no long-term net growth. However, several variables control the potential of long-term preservation of arc magmatism, including the thickness of the arc edifice and long-term vector of trench migration.

Oceanic arc crust that is less than ~25 km thick is likely to be subducted during near-orthogonal arc-arc collision due to negative buoyancy compared to the overriding continental crust (Fig. 3; Yamamoto et al., 2009; Condie and Kröner, 2011). Accretion of arc terrains in subduction zones appears predominantly in arc settings with either thickened crust (>35 km) or when the arc-arc collision occurs along parallel margins (Yamamoto et al., 2009). The vast majority of the recent oceanic arcs are located in the western Pacific (Yamamoto et al., 2009), and given that the majority of the outboard oceanic arcs (those nearest to the continental margin) sit at an oblique angle to the oceanward arcs, it is likely that much of the arc magmatism of the western Pacific will not be preserved in the geologic record. As noted above, the volume of crust currently forming in oceanic arcs is ~30% higher than that of continental arcs, this questions how representative arc magmatism preserved in the continental crust is with relation to global arc magmatism.

Continental arc magmatism can broadly be classified into retreating and advancing subduction zones (see Doglioni et al., 2007; Cawood et al., 2009 for reviews). Retreating subduction occurs during slab rollback when the sinking rate is faster than convergence rate.

Conversely, advancing subduction results in a convergence rate that is faster or equal to the sinking rate. Importantly, an advancing subduction zone like that generalized by the Andean Orogen exhibits vastly different crustal growth histories than a retreating subduction zone, as is typified by the Tasmanide Orogen that effectively continues into the present in the form of the New Zealand/Tonga/Kermadec subduction system (Fig. 4). As discussed previously, the subduction zone of the Andes forms a loci of both crustal generation and destruction due to the advancing nature of the trench with respect to the upper plate. In contrast, the Tasmanide Orogen records ~300 Myr of crustal growth in a retreating arc system. This comprises magmatism alternating between the oceanic and continental domains as the arc front retreats from the continental margin (Collins, 2002; Collins and Richards, 2008). It is possible to track nearly continuous magmatism in the Tasmanides from ~450 Ma to ~250 Ma, which has continued to retreat outboard from Australia for the past ~250 Ma to its present location (McDougall et al., 1994; Collins, 2002; Schellart et al., 2006; Tulloch et al., 2009; Cluzel et al., 2011). This retreating subduction system has resulted in the formation and preservation of nearly one third of the Australian continent in ~300 Myr. In contrast, estimates for the Andes range from zero to only minor net growth since ~360 Ma (Bahlburg and Hervé, 1997; Cawood and Buchan, 2007; Boekhout et al., 2015; Pepper et al., 2016). Several other regions share similar features with the Tasmanides (e.g. the southern margin of Paleoproterozoic Laurentia, Condie, 1986; Whitmeyer and Karlstrom, 2007; the southwestern margin of Mesoproterozoic Baltica, Roberts and Slagstad, 2015; the western margin of Mesoproterozoic Kalahari craton; Jacobs et al., 2008, and the Neoproterozoic Arabian Nubian Shield; Johnson et al., 2011), in that large volumes of subduction-related magmatism was generated in a relatively small duration of time and was preserved in the geologic record. Although the aforementioned regions have traditionally been associated with terrane accretion, we posit that crustal growth within dominantly retreating subduction systems featuring 'accordion tectonics' (aka 'tectonic switching', Collins, 2002, 2011) provides a more cohesive hypothesis. An outstanding question with regards to advancing or retreating subduction systems, is how these are preserved in the geological record, and thus how these should be accounted for in crustal growth models.

## 5. Cratons are not forever

Tectonic erosion is generally associated with advancing subduction zones; however, a similar process is hypothesized beneath retreating subduction zones driven by slab rollback, as seen most clearly in the North China Craton (Santosh, 2010; Zhu et al., 2011; Zhu et al., 2012), which also share similarities with the Amazonian and Wyoming Cratons (Kusky et al., 2014; Dave and Li, 2016; Wang et al., 2016; Snyder et al., 2017). Kusky et al. (2014) outlines the preconditions for tectonic erosion during slab rollback (Fig. 5). The first step requires the hydro-weakening of the mantle wedge above a subducting slab from the transition zone (~600 km to the base of the continent). Dehydration of various hydrous phases (including lawsonite, serpentinite,  $\beta$ -phase olivine above the transition zone resulting melt weakening in the upper mantle (see also Bercovici and Karato, 2003; Maruyama and Okamoto, 2007). Following melt weakening of the upper mantle; slab rollback causes an influx of fertile mantle material causing the removal of the weakened upper mantle above the subducting slab (Zheng et al., 2015). It is hypothesized this process has been responsible for the removal of the thick lithospheric root of the North China Craton and thinning of the lithosphere from ~200 km to less than ~100 km, Evidence also supports a similar process removing large volumes of the mantle and lower crustal lithosphere from the Wyoming, Amazonian, and North Atlantic cratons (Kusky et al., 2014; Hughes et al., 2014; Dave and Li, 2016).

The craton removal mechanism, also termed 'decratonization' or 'demantling' has been addressed in the North China Craton through a combination of data from geophysical and geological techniques (Santosh, 2010). Interpretation of seismic cross sections suggests thick slab debris sinking to various depths in the mantle, and the presence of a thick (ca. 200 km) lithospheric root under the western part beneath the Ordos Block. This has been variably eroded towards the east, thinning down to almost 60 km. Santosh (2010) speculated that the present day lithosphere-asthenosphere boundary beneath the NCC probably marks the 'erosional plane' along which decratonization occurred through subduction-erosion from the east and thermal and material erosion by upwelling asthenosphere from below, resulting in differential destruction of the cratonic root and its thinning towards the east. The asthenosphere below the Eastern Block of the NCC shows younger and thinner slab debris, in the absence of any prominent thick high velocity layers, with westward polarity, and

mimic a mega-scale duplex formed by underplating through Pacific plate subduction from the east (Santosh, 2010). The loss of the Archean keel and its replacement by a more fertile lithospheric mantle in the eastern part of the NCC has also been evidenced in several petrologic, geochemical, isotopic and geophysical studies (e.g. Gao et al., 2002; Yang et al., 2008; Chen et al., 2008). The Eastern Block witnessed extensive magmatism with post-Jurassic intrusions and Cretaceous volcanism. The available tomographic data also suggest that the lithospheric architecture in this region has been complexly altered.

While decratonization is primarily a 'bottom-up' process, the influence of decratonization on the surface geology is likely to be significant as the removal large volumes of lower lithospheric material results in significant uplift and erosion (Wallner and Schmeling, 2010; Liao and Gerya, 2014). In the case of tectonic erosion beneath cratons that are adjacent to subduction zones, such as the North China Craton in the late Paleozoic and Mesozoic Eons, material that is eroded from the interior of the craton experiencing basal decratonization is likely to be funneled to the subduction zone wherein it can be recycled into the mantle. Further work is needed to understand the uplift, erosion, sedimentation, and eventual subduction erosion of cratonic material that is driven by the processes of decratonization.

## **6. Preservation of continental lithosphere**

### **6.1 Bias in the geologic record**

Some facets of geological science, palaeontology in particular, have long paid attention to the fact that the geological record is no doubt biased in several ways (e.g. Signor and Lipps, 1982; Smith et al., 2001), and have made some inroads to understanding these biases (Benton et al., 2000; Peters and Foote, 2002; Dunhill et al., 2014). In the study of the continental crust and the deep time archive that it provides, there has been much less attention to such processes, even though they are critical to our understanding of these archives. Hawkesworth et al. (2009) provide the first high profile case for such potential bias. In their paper, these authors describe a model whereby rocks formed in the latest stages of subduction and the collisional stage are shielded in the cratonic interior and shielded from tectonic erosion along convergent margins. If preservation can explain some of the

episodicity we see in many geological records, then there is perhaps a critical misinterpretation in our understanding of the evolution of Earth system processes. The model of increased preservation of continental crust during periods of supercontinent formation has subsequently been advocated by Lancaster et al., (2011), Roberts (2012) and Condie et al. (2011). The latter authors suggest that both juvenile and reworked crust are captured during continental collision associated with supercontinent formation, and thus that periods of supercontinent formation are not associated with increased crustal growth rates.

However, there are contrary opinions to this model. Some propose that age peaks in the zircon record do not reflect selective preservation, but reflect episodic and enhanced plume driven subduction (Rino et al., 2004; Arndt and Davaille, 2013; Condie et al., 2017). Importantly, the plumes themselves did not generate crust, but enhanced the rate of plate tectonics and associated subduction related magmatism. This model is built on research spanning over two decades which favour episodic mantle activity as the underlying cause of episodicity in crustal growth, and which remains a tenet of Earth evolution favoured by some (e.g. Stein and Hofmann, 1994; Albarède, 1998; Condie, 1998; Parman, 2007; see section 9).

Few studies have attempted to understand the potential preservational bias of the continental crust in detail, and none have successfully quantified such processes. Spencer et al. (2015) present a study of the Grenville Orogeny in Laurentia, they find that detrital zircon age spectra from sedimentary successions deposited during the subduction phase (~1.8 Ga to ~1.2 Ga) display dramatically different age populations than those from post-collisional (<1 Ga) sedimentary successions. The subduction phase age spectra are characterized by broad peaks with no defined troughs. This is contrasted by the post-collisional age spectra which is characterized by a single large age peak centered on the age of continental collision. These shifting patterns are hypothesized to represent the balance between steady state zircon production during subduction, and subduction erosion removing earlier phases of subduction zone magmatism prior to the continental collision (idealized in Fig. 6). Spencer et al. (2015) also argue the zircon of the dominant age peak have a chemical signature akin to collisional-related magmatism.

Roberts (2013) presents a similar finding for the equivalent Sveconorwegian orogen in Baltica, even though this orogeny may have been fundamentally different in style (Slagstad et al., 2013). A major implication of these studies is that peaks in zircon abundance do not accurately reflect the volume of crust created at anyone time, and after a period of major orogenesis and crustal reworking, will be significantly biased. Such dramatic bias between the crustal volumes and the zircon record derived from a region of continental crust is demonstrated by the modern Amazon river where the zircon load is controlled primarily by the erosion rate of zircon-bearing crust as opposed to the zircon fertility of said crust. In this scenario, the zircon load can be broadly ascribed into two main crustal reservoirs, viz. the Andean Orogen and the Amazonian Craton. Spencer et al. (in review) highlight that despite having higher Zr concentration, the zircon yield from the Amazonian Craton is over an order of magnitude less zircon than the Andean Orogen given its high erosion rate (Fig. 7). Additionally, Cao et al. (2017) constrain a correlation between the surface area and length of recent continental arc systems with the global detrital zircon age spectra (<750 Ma).

Although direct correlation between a measured zircon population and volumes of magmatism is fraught with uncertainty, in particular when applied beyond the Phanerozoic where the geologic record is exceedingly sparse, many studies still use the data in this way (e.g. Lee et al., 2016; McKenzie et al., 2016; Cao et al., 2017). A review of volumes of magmatism in Cordilleran arcs and the associated detrital zircon record shows they are remarkably similar in some regions and significantly different in others (Kirsch et al., 2016). With specific regard to regions where there is an apparent mismatch between the igneous and detrital records, these workers argue that detrital zircon age spectra cannot be used to quantitatively evaluate the volume of magmatic rocks, but provide a useful qualitative indicator of magmatic arc activity. Thus, there are many cases where the correlation between magmatic volume, crustal growth, and preserved detrital zircon peak are poor. The implications of the aforementioned studies are simply that the zircon record is controlled by an array of geologic process, many of which we are just now coming to more fully understand and that preservation and generation biases are an issue at all scales, from individual catchments and basins to global supercontinent cycles. Future work is imperative to not only understand the biases that are inherent to the geologic record, but perhaps



more importantly to quantify the degrees to which the proxies used to explain geological phenomena account for the biases present not only in the most recent geologic eon, but also throughout geologic time.

Facets that require further quantification include the bias between different lithologies, for example mafic versus felsic crust, and that of lower versus upper crust during continental collision along with greater constraints on the secular variation of Zr concentrations between various lithologies (e.g. Spencer et al., in review). Also, the preservation potential during the evolution of ocean-facing accretionary orogens, which can host soft collision, terrane-collisions, plateau accretions, for example, has not been quantified. Once we have a better handle the nature of these biases, we can understand what parts of the geological record may be missing.

## **6.2 Crustal destruction and mineral deposits**

Lithospheric destruction has been identified as a viable mechanism that promotes the formation of world-class mineral deposits through the addition of both juvenile and recycled components into the thinned crust as clearly illustrated in the case of the North China Craton (e.g., Li and Santosh, 2014; Goldfarb and Santosh, 2014; Li et al., 2014; Yang et al., 2014; among others). The formation of voluminous Jurassic granitoids and Cretaceous intrusions carrying gold, molybdenum, copper, lead and zinc deposits in the eastern part of the NCC has been correlated to lithosphere thinning associated with the westward subduction of the Pacific plate with the peak of large-scale destruction in the Cretaceous. Most of the major late Mesozoic gold deposits in this region occur along craton margins, as well as within the cratonic interior in reactivated paleo-sutures, where extensive lithospheric destruction has been detected. He et al. (2016) present geophysical evidence through an analysis of receiver function and tomography that suggests mantle upwelling accompanied by lower crustal or lithospheric delamination along these zones.

That lithospheric destruction is not restricted to craton margins is well illustrated in a recent study by Yin et al. (2016) from the Hengshan-Wutai-Fuping region within the Trans-North China Orogen at the central part of the North China Craton. This corridor preserves the records of both Precambrian basement and Phanerozoic magmatic and metallogenic events.

The 2-D and 3-D inversion models of magnetotelluric data presented by Yin et al. (2016) reveal a near-horizontal high-conductivity layer at lower crustal and upper mantle depths of ~ 35–45 km, offering direct evidence for crust–mantle decoupling and magmatic underplating. They traced a west-dipping slab-shaped conductor corresponding to westward oceanic subduction between the Wutai and Fuping Complexes, with subsequent collision associated with the formation of the Trans-North China Orogen in the Paleoproterozoic. The interconnected fluid/melt transport channels probably played an important role for the Mesozoic tectonic–magmatic and metallogenic events, as well as the Cenozoic basaltic volcanism, and were also traced from crustal and upper mantle conductors in the Hengshan–Wutai–Fuping region. This integrated study provides evidence for lithospheric construction, destruction and metallogeny.

### **6.3 Crustal preservation and mineral deposits**

Another facet pertinent to the preservation of continental crust is the temporal distribution of Cu±Au porphyries and epithermal Au-Ag deposits (Groves et al., 2005; Wilkinson and Kesler, 2007). All of the epithermal Au-Ag deposits and 97% of porphyry copper deposits are found in the Phanerozoic Eon, with age modes at ~3 and 11 Ma, respectively (Wilkinson and Kesler, 2007). These deposits are nearly exclusively often formed in convergent margins above subduction zones with the vast majority found within active subduction regimes. While the erosion of upper level deposits such as epithermal Au-Ag play a dominant role in their long-term preservation, subduction erosion likely plays a major role in the long-term preservation of Cu±Au porphyry deposits, as the subduction processes associated with the formation of Cu±Au porphyry deposits has been continuous for at least throughout the Phanerozoic Eon (Cawood and Hawkesworth, 2015). Importantly the Cu±Au deposits that are not located along a recent subduction zones (e.g. those in Tibet and the Central Asian Orogenic Belt) have subsequently been isolated by arc accretions and/or continental collisions (Bierlein et al., 2009).

## **7. Secular change in geodynamics**

Uniformitarianism implies that our current view of plate tectonics can be applied to Earth history, however, two facts confound this issue: firstly, there is strong evidence that the mantle has cooled through time (e.g. Herzberg et al., 2010), which would have a profound effect on melt volumes and lithospheric strength; and secondly, there is consensus that the earliest part of Earth history featured a planet covered in a magma ocean. These observations lead us to a key question: when did plate tectonics develop? This question has plagued Earth Scientists since the inception of the plate tectonic paradigm, and remains hotly debated today. There are a wealth of reviews on this topic, so here we provide only a brief summary, focusing on the views that dominate consensus.

## 7.1 Hadean-Archaean tectonics

Our only physical record of the Hadean is that of detrital zircon from the Jack Hills in Australia (for reviews see Harrison, 2009; Nebel et al., 2014; Wilde, 2015). Linking elemental, isotopic and inclusion compositions from these zircon to the surrounding geodynamic environment has been fraught with debate (e.g. Roberts and Spencer, 2015 for review; Kenny et al., 2016; Harrison et al., 2016). In general, some researchers favour tectonic and geodynamic processes similar to today, i.e. dominated by horizontal plate tectonics and hosting water in the environment (e.g. Mojzsis et al., 2001; Harrison et al., 2005; Hopkins et al., 2008, 2010; Maruyama and Santosh, 2017 and references therein). Others favour vertical tectonics, with or without mantle overturn events (e.g. Shirey et al., 2008; Kemp et al., 2010; Griffin et al., 2014; Nebel et al., 2014; Zeh et al., 2014; Bedard, 2017). Some models feature aspects of horizontal tectonics, but with different crust generation processes to those today; based on the concept that the Earth-Moon system had many features in common during the birth stage, it has been postulated that primordial continents with komatiite might have formed through the consolidation of a terrestrial magma ocean at 4.53 Ga, where the upper crust was composed of fractionated gabbros and the middle felsic crust dominated by anorthosite (Santosh et al., 2016). These primordial continents will have contained the final residue of the dry Hadean magma ocean. It has been suggested that volatiles such as water were brought to Earth by meteorite bombardment at 4.37-4.2 Ga (Maruyama and Ebisuzaki, 2016; Maruyama and Santosh, 2017 and references therein). These volatiles are necessary for plate tectonics to begin; it is suggested that the introduction of water enabled the

eclogitization of lower crust, and thus increased the effect of slab pull at lithospheric junctions (Maruyama et al., 2016), providing a driving force for the onset of subduction.

Tectonic settings of continent formation throughout the Archean have been debated for every craton. It is considered by many that vertical and/or plume tectonics were certainly active, and probably dominant in the Eoarchean, and perhaps into the Mesoarchean (see Van Kranendonk, 2010; Van Kranendonk et al., 2015). Dome and keel geometries in several cratons provide evidence for this. Arc settings, presumed to develop above subducting slabs, are advocated for some Eo- to Palaeoarchean terranes (Nutman et al., 2007, 2015; Komiya et al., 2015), and are prevalent by the Mesoarchean (e.g. Smithies et al., 2005; Mints et al., 2010; Van Kranendonk 2010; Shirey and Richardson, 2011; Santosh et al., 2015). Some workers consider that early styles of subduction would have featured shallower subduction (e.g. Smithies, 2000; Martin et al., 2005; Nutman et al., 2015).

## 7.2 Insight from numerical modelling

Today, the Earth is actively losing heat through tectonic and magmatic processes. The initial source of this heat is from a combination of radioactive decay and energy imparted via planetary accretion (Stevenson, 1989; Wetherill, 1990; Jaupart et al., 2015). Geoneutrino experiments indicate that the current heat flux is currently nearly balanced equally between these two sources (Gando et al., 2011; Dye, 2012). From the formation of the Earth the total heat flux has been dissipating despite input from radiogenic decay. This is visualized using the secular change of non-arc basalt formation temperatures through geologic time (Herzberg et al., 2010; Korenaga, 2013; Figure 8a). From these data it is surmised that mantle potential temperatures were substantially higher in the geologic past than they are today. It can therefore be postulated that with elevated mantle potential temperatures, heat flux to the lithosphere would have also been higher meaning more melt and weaker lithosphere (e.g. Chardon et al., 2009).

From the paleo-mantle temperatures, it has been suggested that early in Earth history the geodynamic regime was dominated by what is variably referred to as 'plume-lid', vertical tectonics, or sagduction (e.g. Van Kranendonk et al., 2004; Sizova et al., 2010; Johnson et al.,

2013; 2016; Fischer and Gerya, 2016). In these models, vigorous mantle convection and density-driven dripping, delamination and translation of the continental crust would have provided an effective mechanism for destruction of continental crust, as well as its creation (see Johnson et al., 2013; Fischer and Gerya, 2016). Both 2D and 3D numerical models predict a pre-subduction regime in the Hadean and early Archean that would feature unstable lithosphere with delamination and dripping of the lower crust into the mantle, localised thickening of the crust, and small-scale overturns of the lower to upper crust (Sizova et al., 2010; Fischer and Gerya, 2016). These models are compatible with the keel and dome structures typical of some Archean cratons (e.g. Van Kranendonk et al., 2015). 3D modelling predicts that by 3 Ga, a transitional period whereby both dripping subduction and dripping lithosphere are active processes. In this period, where the mantle potential temperature is 150 to 200°C hotter than today, subduction zones would be active, but different to today in that they would be unstable, with the subducting slab necking and breaking off rapidly after subduction (Fischer and Gerya, 2016). Earlier and shallower slab break-off is also predicted in collisional orogenies that are active in periods with a hotter mantle (van Hunen and Allen, 2011; Sizova et al., 2014). In the Proterozoic and late Archean, 3D modelling predicts that subduction may look more similar to today, but that greater dripping episodicity would be likely (Fischer and Gerya, 2016). Numerical models predict that continental growth mechanisms would have transitioned from a pre-subduction regime dominated by plume-lid and vertical tectonics and the transitional regime of dripping subduction to finally arrive at the modern subduction regime in the last 1 Gyr of Earth history (Fig. 8b; Sizova et al., 2010; Fischer and Gerya, 2016).

### **7.3 A Neoarchean superevent?**

The extant geologic record of Earth history prior to 2.9 Ga is extremely sparse. This changes dramatically during the remainder of the Archean (2.9-2.5 Ga) wherein rocks of this age are far more abundant than those prior to 2.9 Ga (see review by Bradley et al., 2011). It is during this time where there is an increase in passive margins (Bradley et al., 2008), zircon frequency in both modern rivers and sedimentary successions (Campbell and Allen, 2008; Rino et al., 2008; Voice et al., 2011), greenstone belts (Condie, 1994), eclogites (Brown,

2007), granulites (Brown, 2007), granites (Condie et al., 2009), carbonatites (Woolley and Kjarsgaard, 2008), large igneous provinces (Prokoph et al., 2004), komatiites (Isley and Abbott, 1999), orogenic gold deposits (Goldfarb et al., 2001), banded iron formation (Bekker et al., 2010), and glaciations (Hoffman, 2009). While the secular change in the geologic record at this time is quite stark, the increase in zircon and granite frequency are particularly informative to the growth of continental crust. These proxies implies rapid crustal growth occurred during the last ~300 Myr of the eon (Condie, 2005). The O isotopic signature of zircon during this time frame carries subdued crustal signatures (Spencer et al., 2014a; Payne et al., 2015), implying that crustal reworking was at a minimum. Therefore if we have the majority of the continental crust growing during the Neoproterozoic that carries predominantly a mantle signature, then it is implied this crustal growth episode was dominated by magmatism derived predominantly from the mantle either within oceanic arc environments, associated with mantle plumes (Condie et al., 2001; Condie, 2004; Eriksson et al., 2002; Condie et al., 2009; Condie and Kröner, 2008; Zhai and Santosh, 2011), and/or mantle overturn events (Stein and Hofmann, 1994; Breuer and Spohn, 1995; Bédard and Harris, 2014; Griffin et al., 2014). The geodynamic environment of the Late Archean Eon has been compared to the modern Western Pacific region, being dominated by oceanic arcs within an oceanic realm (Santosh et al., 2009; Sawada et al., 2016). Arc-arc collisions created composite arcs, and bundles of these were incorporated into proto-continents that subsequently grew through both vertical and lateral accretion into larger continental masses (see also Hollings et al., 1999; Van Kranendonk et al., 2007; Wyman and Kerrich, 2009; Mohan et al., 2012; Sawada et al., 2016). The formation of Archean cratons through the assembly of microcontinental blocks built through arc magmatism has also been demonstrated in a recent study from the North China Craton (Yang and Santosh, 2017).

## **7.4 Neoproterozoic tectonic transition**

In a similar fashion to the Neoproterozoic Era, the Neoproterozoic Era was a period of great change in the geologic record. It is at this time when the nature of subduction is argued to have changed to more closely resemble that which we see on the modern Earth (Hamilton, 1998; Stern, 2005, 2007). This is signaled by the first recorded exhumation of blueschist (Brown, 2007) and ultrahigh pressure metamorphic assemblages (Jahn et al., 2001), along

with an accompanying increase in the number ophiolite occurrences in the geologic record (Dilek, 2003). Although the appearance of blueschist has been argued to be purely a function of the changing composition of the oceanic crust driven by secular cooling (Palin and White, 2015), there is mounting evidence that secular cooling indeed has changed the nature of subduction systems (Sizova et al., 2010; Brown, 2014).

## 8. Supercontinent cycle and continental growth

The evolution of the continental crust is dominated by the existence of supercontinents. The cycle of formation and breakup of supercontinents has been a long-standing paradigm of plate tectonics, with the recognition of Pangea dating back to the early 20th century (Wegener, 1912, 1920). The supercontinents of Earth history as proposed in various studies include the hypothetical assembly are Ur (3.0 Ga), Superia (Kenorland or Sclavia) (2.7-2.5 Ga), Nuna/Columbia (1.8-1.9 Ga), Rodinia (1.1 Ga), Gondwana (0.54 Ga) and Pangea (0.25 Ga) (see Nance et al., 2014 and references therein). The formation of supercontinents primarily involves the assembly of continental fragments during near-orthogonal orogenesis following subduction along multiple convergent margins (Cawood and Buchan, 2007; Whitmeyer et al., 2007). The 'supercontinent cycle' has been central to the discussions on the growth, preservation, and destruction of continental crust, given the apparent episodicity seen in the geological record (e.g. accessory phases (primarily zircon) U-Pb ages (Gastil, 1960), granites and basalts (Stein and Hofmann, 1994; Condie, 1998), greenstone belts (Condie, 1995), large igneous provinces (Anderson, 1994; Storey, 1995), and passive margins (Bradley et al., 2008)).

### 8.1 Supercontinents and the zircon record

From the initial pioneering study of Gastil (1960) who recognized clusters of mineral ages from a global database, the persistent presence of distinct global age populations, particularly of zircon, are correlated to supercontinents. The addition of Lu-Hf isotopes of zircon provided the ability to evaluate not only the crystallization age of the zircon (with U-Pb) but also the average mantle extraction age (with Lu-Hf) (see Vervoort and Kemp, 2016). This technique has emerged as one of the most popular proxies to evaluate continental

growth and its link with supercontinent cycles. A landmark study by Kemp et al. (2006) showed discrete pulses of crystallization and mantle extraction ages from detrital zircon related to the assembly of Gondwana, from which the authors argued for episodic generation of the continental crust. Following on from this, many studies have used detrital zircon to address continental growth using combined U-Pb and Hf model ages (e.g. Iizuka et al., 2009; 2013; Yang et al., 2009; Wang et al., 2009; 2011), or U-Pb ages alone (Rino et al., 2008; Safonova et al., 2010). Condie and Aster (2010) identified five major peak age clusters in granitoid zircon over the world which they tied to supercontinent formation at 2700, 1870, 1000, 600, and 300 Ma. The minima in age spectra were considered to represent supercontinent stasis or breakup (2200–2100, 1300–1200, 750–650, and  $\leq 200$  Ma).

Roberts (2012) assessed  $\epsilon_{\text{Hf}(t)}$ -time space relations of a global zircon database in relation to supercontinents (Fig 9a). He showed that there is an apparent increase in the amount of isotopically depleted continent formed between the periods of supercontinent amalgamation, and inferred that more continental crust was lost during supercontinent amalgamation. According to Roberts (2012), the global balance between addition and loss of continental crust is controlled by various factors including: (1) the proportion of internal orogens versus exterior orogens, with the latter favouring continental addition, and 2) the balance between exterior orogens in retreating mode versus those in advancing mode, with the latter favouring continental loss. During supercontinent disruption, a greater balance of continental addition versus loss is expected because of the magmatic flux in retreating accretionary orogens. In contrast, increased continental loss would occur when supercontinents amalgamate through extensive tectonic erosion along convergent margins (c.f. Collins et al., 2011). Gardiner et al. (2016) reassessed this trend with respect to deviation from the depleted mantle using the large database of Roberts and Spencer (2015) and found the same result (Fig 9b), but added that the amplitude of the Hf trend is increasing with time, peaking with Gondwana assembly.

As discussed in Section 6, the peaks in global zircon age spectra that correlate with the timing of supercontinent amalgamation (Fig. 9f) may actually correspond to the preferential preservation of continental crust (Hawkesworth et al., 2009; Roberts, 2012; Spencer et al., 2015). While preferential preservation has been directly tested during the Rodinian



supercontinent cycle (Spencer et al., 2015), this positive result may be contrasted with the geologic record both before the formation of Nuna/Columbia, which is argued to be the first supercontinent (Hoffman, 1989; Mitchell et al., in review) and following the assembly of Gondwana/Pangea. Before the assembly of Nuna/Columbia, a prominent zircon age peak is seen globally between ~2.9 and ~2.7 Ga (Voice et al., 2011); however, zircon prior to ~2.5 Ga display an oxygen isotopic signature unique to this time interval, in that  $\delta^{18}\text{O}$  values do not extend beyond ~8‰ (Valley et al., 2005; Spencer et al., 2014a) with a dramatic rise of  $\delta^{18}\text{O}$  in zircon seen afterwards, indicating greater incorporation of supracrustal material and appears to oscillate with the assembly and dispersal of supercontinents (See Fig. 9c). As discussed in section 8.2, this may be representative of a geodynamic regime before and after ~2.5 Ga. Likewise, it is poignant to note that studies claiming to have disproved the preservation in the zircon record are restricted to the past 750 Ma (McKenzie et al., 2016; Cao et al., 2017; Fig. 9d & 9e). Perhaps, just as the change in the pre- and post-Archean  $\delta^{18}\text{O}$  zircon record may be a signal for shifting geodynamic regime, this discrepancy carries similar weight. This would be supported by the Neoproterozoic tectonic shift discussed in section 8.4.

## 8.2 The evolving supercontinent cycle

The supercontinent cycle is used to explain many of the episodic feature of the geological record, but preservation bias has likely played a major role at some point (if not throughout) Earth history. The evidence for Archean supercontinents are not clear (Bleeker, 2003; Meert, 2012). The assembly of Nuna/Columbia at 2.2-1.8 Ga features clear evidence in the form of collisional orogenesis on most continental blocks (Zhao et al., 2002; Reddy and Evans, 2009; Zhang et al., 2012), as well as strong paleomagnetic evidence (Evans and Mitchell, 2011; Zhang et al., 2012; Pehrsson et al., 2016). Additionally, the external margin of Nuna/Columbia was the locus of dramatic crustal growth along the 'Great Proterozoic Orogenic Belt' (Condie, 2013; Condie et al., 2015; Roberts, 2013). The breakup of Nuna/Columbia is uncertain with many postulated magmatic episodes relating to its breakup (see Roberts, 2013), and may have initiated at ~1.5 Ga (Ernst et al., 2008; Wingate et al., 2009) and continued until ~1.2 Ga (LeCheminant and Heaman, 1989; Zhao et al., 2004; Evans and Mitchell, 2011).

Interestingly, the assembly of the subsequent supercontinent of Rodinia began prior to the final breakup of Nuna/Columbia, starting first with the ~1.3 Ga Albany-Fraser Orogeny and continuing to ~0.9 Ga with the terminal Qaidam-Qilian Orogeny (Fig. 10; Li et al., 2008; Condie et al., 2015; Condie et al., 2017).

It is important to highlight the protracted nature of both supercontinent assembly and breakup. Just as Nuna/Columbia, the rifting of Rodinia is protracted in that the earliest rifting started at ~0.8 Ga in western North America (Cawood et al., 2001; Li et al., 2002; Harlan, 2003; Spencer et al., 2012) and continued until ~0.55 Ga (McCausland and Hodych, 1998; Cawood et al., 2001; McClellan and Gazel, 2014; Spencer et al., 2014b). Similar to the transition of Nuna/Columbia to Rodinia, the rifting of the core of Rodinia continued until after the initial amalgamation of Gondwana during the Brasiliano Orogeny (~0.65 Ga; Trompette, 1997; de Brito Neves and Fuck, 2014). This further implies a continuum of supercontinent assembly and breakup as opposed to discrete global collision and breakup events (Fig. 10).

In the context of global orogenesis through geologic time, it has been proposed that the orogenic events associated with the assembly of Rodinia formed a 'climax' of orogenesis and continental reworking (Van Kranendonk and Kirkland, 2013). This is postulated based upon an apparent peak of  $\delta^{18}\text{O}$  in zircon along with Zr and Th concentrations in granitoids. However, analysis of a more comprehensive set of isotopic and geochemical data highlights that  $\delta^{18}\text{O}$  in zircon and concentration of incompatible elements such as Th and Zr have increased through geologic time with the maximum values currently found in relatively recent lithologies (Fig. 11;  $\delta^{18}\text{O}$ : Spencer et al., 2014a; Payne et al., 2015; Th and Zr: EarthChem database accessed November 2016 and supplemented by data from Van Kranendonk and Kirkland, 2013). This implies the chemical evolution of the Earth tied to the thermal evolution of the Earth and the concept of an orogenic 'climax' is unlikely.

With regards to the future supercontinent, three possible scenarios have been proposed based upon the geodynamic configurations of previous supercontinents. These are classified as introversion, extroversion, and orthoversion (Nance et al., 1988; Hartnady, 1991; Veevers et al., 1997; Evans, 2003; Maruyama et al., 2007; Mitchell et al., 2012; Yoshida, 2016). These geodynamic configurations predict the next supercontinent will form by closing either the

rifted margins of the Atlantic Ocean (introversion), convergent margins of the Pacific Ocean (extroversion), or the Arctic Ocean (orthoversion). It has been proposed that the introversion and extroversion tectonic models predict specific isotopic signatures (Collins et al., 2011; Spencer et al., 2013), however the specific isotopic signature associated with orthoversion remains untested. While the geodynamics of the supercontinent cycle are widely debated, the assembly, evolution, and breakup of continental fragments exert important influence on mantle dynamics, surface processes and life evolution and therefore supercontinent tectonics has been a topic of wide interest (Nance et al., 2014). It is important to note that supercontinent cycles are an end-member model used to describe the motion of the Earth's plates. Each cycle shows some differences, indicating the chaotic nature of Earth's evolution. The supercontinent cycle features changes in the abundance of subduction zones, continent-continent collision, and rift zones, and thus directly affects the global rates of formation and destruction of continental crust. Since continental collision zones are currently favoured to be the loci of crustal preservation, supercontinents also affect the preservation of the continental crust.

### **8.3 Role of mantle dynamics in supercontinents**

There is increasing evidence that both the assembly and disassembly of supercontinents are coupled to large-scale up- and downwellings in the mantle (see Li and Zhong, 2009 for review). The aforementioned authors argue tight anticorrelation between the formation of large localized clusters mantle plumes, termed 'superplumes' and supercontinents. Following the assembly of both Pangea and Rodinia, a >6000 km wide superplume is theorized to have formed beneath the supercontinent 20-120 Myr following the final supercontinent assembly, which resulted in superplume related magmatism for ~100 Ma and led to the weakening and eventual breakup of the supercontinent (Li and Zhong, 2009). Additional evidence for mantle dynamics playing a role in continent amalgamation is also seen in the more recent Circum-Pacific and Tethyan subduction realms. Based on the topology of this region, Santosh et al. (2009) proposed that the rapid amalgamation of continental fragments into a close-packed supercontinent assembly is aided by 'super downwelling' along multiple subduction zones. This has subsequently been supported by global dynamic numerical models (Yoshida and Hamano, 2015). Geophysical evaluations and

numerical modelling have provided more realistic scenarios of the mechanisms and triggers behind the episodic assembly and dispersal of supercontinents. The thermal insulation effect produced by the process of assembly of supercontinents leads to temperature increase and eventually to a planetary-scale reorganization of mantle flow leading to longest-wavelength thermal heterogeneity in the mantle termed as degree-one convection in three-dimensional spherical geometry (Yoshida and Santosh, 2011). Episodic emergence of degree-one convection is considered as the major factor promoting supercontinent cycles. Supercontinent breakup occurs in response to temperature increase through upwelling plumes originating from the deeper lower mantle or the core-mantle boundary (CMB). Numerical modelling of mobile, deformable continents, including oceanic plates have helped in reconstructing continental rifting and drifting with processes and timescales similar to those envisaged in the Wilson Cycle (Yoshida and Santosh, 2011).

Li and Zhong (2009) note that the connection of superplume and 'super downwelling' events to the assembly and rifting of supercontinents carries with it significant geodynamic implications. For example, this implies the position of the superplume is linked (and indeed controls) the position of the supercontinent along with driving the assembly and breakup of the supercontinent. This also implies the timescale of supercontinent assembly and breakup are also controlled by the size and lifespan of a superplume. Further work in numerical modelling of the global Earth mantle-crust system and increasing tomographic imaging of the crust and mantle will allow for advancing our understanding of the coupled nature of Earth's crust and mantle.

## 9. Crustal growth rate

Crustal growth rates remain another topic that has been revisited time after time for many decades. There are few exceptions where authors consider both the role of crustal destruction and crustal preservation in their crustal growth models (e.g. Roberts and Spencer, 2015; Sawada et al., 2016), and since both of these are lacking in robust quantification, there is a clear need to revisit these models as we gather more knowledge on aspects of crustal mass balance. Models can be loosely grouped into three categories, those that favour increasing crustal growth rates through time, those that favour decreasing or

steady-state growth rate for much of Earth history, and those that favour episodic crustal growth. The latter is generally considered a secondary effect on top of increasing or decreasing growth rates. Data on the surface area ages of the continents shows that we have a near-exponential increasing record of continental crust through time (e.g. Hurley & Rand, 1969; Goodwin, 1981; Veizer and Jansen, 1985). Isotope data from sediments (e.g. Allegre & Rousseau, 1984; Taylor and McLennan, 1985), granitoids (Condie, 1998; Condie and Aster, 2010), zircon (e.g. Condie et al., 2005; Rino et al., 2008; Izuka et al., 2010; Kemp et al., 2007; Belousova et al., 2010; Dhuime et al., 2012), and more recently monazite (e.g. Itano et al., 2016) have been used to try and model crustal growth, accounting for the reworking of continental crust. In general, most of these proxy models for continental growth feature increasing growth during the Archean, and decreasing growth during the Phanerozoic. The major flaw in these models is that they provide records of the continents preserved today, and even if the models can see through reworking processes (e.g. Belousova et al., 2010; Dhuime et al., 2012), they do not record the continental crust that has been destroyed. For this reason, crustal growth models derived from extant geologic proxies (e.g. the zircon record) are 'minimum' records (Roberts and Spencer, 2015).

In 1981, Armstrong and Harmon proposed that isotopic proxies that are used in the continental crust to constrain rock ages and mantle residence times are not diagnostic of continental growth or reworking (Armstrong and Harmon, 1981; Armstrong, 1991). Rather he argued the current volume of continental crust was reached very early in Earth history and is a product of planetary differentiation. Although this model has been deemed outdated and even inflammatory in the current scientific community, evidence is mounting that at least at in recent geologic history argues the balance of crustal growth and destruction have reached equilibrium (e.g. the 'Yin and Yang' model of Stern and Scholl, 2010). An outstanding question is how far back in geologic time is this applicable and how might we identify and decipher the appropriate proxies. If plate tectonics as we define them today are responsible for this state of equilibrium, it could be argued that there has been no net continental growth for the past 700 million years. Alternatively, if merely the process of recycling continental material into the mantle via subduction processes would produce such an equilibrium, it could be argued there has been no net growth from the onset of subductive transfer of continental material to the mantle. To this end, we present a

hypothesised crustal growth model based on inference from geological, geophysical and numerical modelling observations, rather than a particular geological record obtainable today (i.e. the zircon record). This is because to our knowledge there is not a record or proxy that can determine the volumes of crust destroyed in deep time.

In figure 12, we outline the theoretical framework underpinning our newly proposed continental growth model. As the mantle (and in turn the core) form the primary thermal engine for crustal growth processes (Korenaga, 2008; Herzberg et al., 2010; Mitchell et al., in review), any proposed model must account for the secular evolution of this thermal reservoir (Fig. 8a). Numerical modelling using a variety of petrological and thermomechanical parameters highlight the interdependence of tectono-metamorphic and magmatic regimes at convergent plate margins and have defined first-order transitions from pre-subduction regimes through to a scenario akin to modern plate tectonics (Fig. 8b; see Sizova et al., 2010; Fischer & Gerya, 2016). These models imply that the bulk of continental growth was dominated by non-arc (i.e. plume-lid and sagduction) processes during early Earth, decreasing by ca. 3 Ga, and that arc processes, although probably different to modern-day, were dominant by ca. 3.0 Ga (Fig. 12a; see also Scholl and von Huene, 2007, 2009; Clift et al., 2009; Stern, 2011; Cawood et al., 2013 for estimates of continental volume additions). During the pre-subduction regime with elevated mantle temperatures, the preservation potential of crustal material would have been at an all time low (Fig. 12b). Due to significant resurfacing of the Earth's surface in both large-scale mantle overturns and small-scale crustal overturns, it is theorized that crustal destruction would have occurred more readily through the processes of vertical tectonics and/or 'sagduction' (Van Thienen et al., 2004; O'Neill et al., 2007; Van Hunen and Van den Berg, 2008; Kamber, 2015; Fischer and Gerya, 2016). The relative dearth of rocks prior to 3.5 Ga attest to this low preservation and high destruction potential (Goodwin, 1996). However, as subductive processes began, episodically at first and more steady state later on (Davies, 2008; O'Neill et al., 2007; Sizova et al., 2015; Fischer and Gerya, 2016), the potential for preserving continental crust would have increased (Sawada et al., 2016), and the volumes of crustal destruction would have decreased (Fig. 12b). The balance between crustal destruction and generation would have been met once a plate tectonic regime dominated by subduction was reached, i.e. after ca. 2.5 Ga.

The crustal volume after ca. 2.5 Ga is more stable, with variations caused by the successive formation of supercontinents and the intervening arc-dominated periods. As discussed in section 8.1, Roberts (2012) predicts that greater crustal growth would occur during supercontinent break-up. However, detrital zircon age peaks coincide with the timing of supercontinent assembly and not final amalgamation or supercontinent tenure prior to breakup (Condie et al., 2017), and thus it is hypothesised that preservation during continental orogenesis controls the crustal volume over time, with the hypothesized peaks in crustal volume correlating to the recorded peaks in global zircon U-Pb age populations. It is important to note that the detrital zircon age peaks strictly coincide with the timing of supercontinent assembly and not final amalgamation or supercontinent tenure prior to breakup (Fig. 10; Condie et al., 2017). This is not surprising as the orogenic process thought to be responsible for the formation of Proterozoic zircon age peaks occur prior to the final assembly of the supercontinent, viz. continental collisions resulting in cratonic amalgamation as evidenced by isotopic excursions prior to final supercontinent assembly (Spencer et al., 2014a). Furthermore, the duration of time between major amalgamation events decreases through time implying a direct link between the thermal evolution of the Earth and the formation of supercontinents (Fig. 12b; Condie et al., 2015).

The continental growth curve in Figure 12c can be summarised by the following points:

- 1) ca. 4.55 to 4.0 Ga - a high crustal growth rate (albeit predominately not continental *sensu stricto*; Polat, 2012; Reimink et al., 2014; Reimink et al., 2016), matched by high crustal destruction and low preservation potential in a period dominated by plume-lid tectonics and non-arc settings.
- 2) ca. 4.0 to 3.0 Ga - exponentially increasing crustal growth (with increasing amount of continental crust; Smithies et al., 2003; Van Kranendonk et al., 2007) as preservation potential slowly increases with thickening of continental crust. Continental generation through magmatic arc processes dominated by oceanic arc systems (Smithies et al., 2005; Polat, 2012; Condie and Kröner, 2013; Sawada et al., 2016), and the role of vertical (plume-lid) processes decreases.
- 3) ca. 3.0 to 2.5 Ga - an apparent peak in continental growth rate and a turning point in Earth history. Continental crust is thick enough to accrete into large continental masses (Sawada

et al., 2016), hindering crustal destruction, and enabling crustal preservation to rapidly increase. Mantle overturns may still contribute to crustal growth, adding to this climax in crustal growth and possibly volume.

4) ca. 2.5 to 0 Ga - a balance is reached between crustal generation and destruction, as the loci of both of these is dominated by subduction zones which are now the dominant geodynamic process affecting Earth's crust. The supercontinent cycle has an intrinsic effect on growth, destruction and preservation of continental crust. We posit that once subduction was the primary driver of continental growth, the proportion of oceanic and continental arcs (and the biased preservation of the latter) would have waxed and waned through Earth history. This hypothesis is built upon compiled zircon Hf data that show a rise and fall of data density near the depleted mantle (Roberts, 2012; Roberts and Spencer, 2015). At periods of enhanced growth in oceanic arcs, data density increases near the depleted mantle (i.e. less continental signature in arc magmas) and visa versa with continental arcs, much of which is recycled back into the mantle. Furthermore, as interior oceans close during supercontinent amalgamation, arc systems are pushed outboard to form oceanic arcs peripheral to the supercontinent (Nance and Murphy, 1994; Murphy and Nance, 2013; Keppie, 2015). The long-term thermal evolution (and cooling) of the Earth results in decreasing vigour and volume of arc magmatism.

## 10. Summary

While the loci of continental growth primarily takes place along subduction zones, it is also along convergent margins where large volumes of the continental crust are consumed. There is currently a near-bipolar nature of magmatic arcs where subduction zone magmatism occurs. Oceanic arcs make up over 50% of the total length of magmatic arcs on the Earth today (Bird, 2003; Cao et al., 2017). Together oceanic arcs form over 10 million cubic kilometers of continental crust per million years (Jicha and Jagoutz, 2015). Despite this, the likelihood these oceanic arcs will be preserved in the geologic record beyond tens to a hundred million years is very low as the majority of oceanic arcs are thin enough to be subducted as is currently happening in the western Pacific (Yamamoto et al., 2009). On the other hand, continental arcs are generally far thicker (and thus more buoyant) than oceanic



arcs and are therefore more likely to be preserved deeper in geologic time. Nevertheless, subduction erosion along an advancing subduction system like the modern-day Andes adds an additional complexity as a poorly constrain, but presumed substantial volume of magmatism is recycled back into the mantle.

The balance between continental formation and destruction has resulted in the extant geologic with no clear indication of how much continental crust has been subducted. Models for continental crustal growth can be used to estimate the volumes of continental crust that has been reworked from older crustal reservoirs compared to the amount of new crust derived from the upper mantle. The processes of associated with crustal destruction carry significant implications for the preservation of economically mineral deposits and dramatically shape the ways through which we reconstruct the positions of continental masses through geologic time.

The supercontinent cycle has apparently had a significant influence on the extant geologic record. A myriad of evidences have been amassed over the past 100+ years supporting the concept of cyclical assembly and breakup of Earth's continental masses. Many of proxies for continental growth display an episodic frequencies. Whether this is a primary signal of enhanced continental growth or whether an aspect of biased preservation plays a role is hotly debated.

As the science of crustal evolution moves forward, it is important that we first understand not only the nature of continental growth but also the destruction of continental crust and the biases inherent to tectonics. It is only through further constraining and quantifying the preservation bias that we will be able to construct crustal growth models that provide more than simply a minimum for crustal growth through time.

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## Figure Captions

Fig. 1. Schematic cross sections of Aleutian and Andean subduction zones (modified from Scholl and von Huene, 2009). In these two scenarios, the age of magmatism increases from the trench toward the foreland. This implies the volume of arc crust between the oldest magmatic rocks and the paleotrench has been removed. This can be approximated by assuming the long-term average angle of subduction remained relatively constant and that the preserved arc crust thickness at present is comparable to the arc crust thickness during earlier stages of magmatism.

Fig. 2. A. Regional setting of the Banda Arc and northern margin of Australia. A-A' line of section in Fig. 2B. B. Schematic cross section of the subduction of the northern margin of the Australian continent beneath the Banda Arc. Figures modified from Tate et al. (2015).

Fig. 3. Visualizing the subductibility of arcs based upon crustal thickness modified from Condie and Kröner, (2011). Sources includes Miller and Christensen (1994); Fliedner and Klempner (2000), Holbrook et al. (1999), Tatsumi et al. (2008), Yamamoto et al., 2009; Condie (2011), and Hughes and Mahood (2011). Arcs that are less than ~20 km are unlikely to be preserved in the geologic record (Yamamoto et al., 2009; Condie and Kröner, 2011).

Fig. 4. a. Schematic scaled model of the Tasmanides/SW Pacific (during the late Cretaceous Period) retreating subduction zone (SZ) (after Schellart et al., 2006) with the timing of subduction zone magmatism colour coded along a spectrum from violet to red. Magmatic ages of SW Pacific from McDougall et al. (1994), Tulloch et al. (2009), and Cluzel et al., (2011). LO: Lachlan Orogen, NEO: New England Orogen, DR: Dampier Ridge, LWR: Lord Howe Rise, NR: Norfolk Ridge. b. Schematic model of the Andes advancing subduction zone with the timing of subduction zone magmatism colour coded similar to Fig. 3b (after Scholl and von Huene, 2009).

Fig. 5. Model for cratonic destruction through flat slab dehydration, slab rollback, mantle influx, melt-generation, and erosion of the sub-continental lithospheric mantle (SCLM) (after Kusky et al., 2014).

Fig. 6. Idealized zircon age spectra during the early-subduction phase displays the age peak associated with the previous supercontinent cycle along with a broad plateau of ages representing steady-state zircon growth during subduction-related magmatism. Subduction

erosion continually removes the oldest zircons associated with the late-subduction phase of the orogenic cycle. Continental collision (and supercontinent assembly) completes the near complete removal of subduction age magmatism due to subduction erosion (after Spencer et al., 2015).

Fig. 7. a) Catchment of the Amazon River overlain on a generalized crustal provinces and respective ages (after Pepper et al., 2016 and references therein). b) Detrital zircon age spectra of modern sediment samples from the main trunk of the Amazon river (Mapes, 2009). c) The proportion of the spatial extent of the various crustal provinces compared with the proportion of detrital zircon ascribed to the same. d) Zircon yield as a function of Zr content and erosion rate of Amazonia compared with that of the Andes. e) Range of zircon yield based on erosion rate and range of Zr content of igneous rocks in Amazonia and the Andes. Figure modified from Spencer et al. (in review).

Fig. 8. a) Thermal models for Earth's mantle potential temperatures through time based upon non-arc basalts and Urey ratios of 0.34 and 0.38 (after Herzberg et al., 2010). b) Secular change of geodynamic regimes based upon numerical simulations of Sizova et al. (2010) and Fischer and Gerya (2016). Numerical modelling argues for non-subduction geodynamics was dominant until post ~2.0 Ga with modern subduction regime existing post-1.6 Ga (Sizova et al., 2010) and post-1.0 Ga (Fischer and Gerya, 2016).

Fig. 9: a) Relative mantle input relative to the running mean (thick black line) and the interquartile range (thin black lines) of Roberts (2012). Roberts (2012) argues that the positive and negative excursions of this curve represents increased continental addition and continental loss respectively. b) The 95th and 50th percentile moving mean timeseries of compiled  $\epsilon_{\text{Hf}}$  zircon data as a function of deviation from the depleted mantle from Gardiner et al. (2017). c) Running mean of zircon  $\delta^{18}\text{O}$  normalized to average sediment composition (Spencer et al., 2014). d) Surface area addition rate of global continental arcs (400 Myr correction model of Cao et al., 2017). e) Average length of global continental arcs (Cao et al., 2017). f) Compilation of detrital zircon ages from modern rivers (data from Campbell and Allen, 2008; Wang et al., 2009; Condie and Aster, 2010; Ilzuka et al., 2010; Condie et al., 2011; Wang et al., 2011; Ilzuka et al., 2013). Kernel density estimation constructed using densityplotter (Vermeesch, 2012).

Fig. 10. a) Zircon U-Pb age spectra of modern rivers (see Fig. 9f caption for data sources) trimmed between 1500 Ma and 600 Ma. b) Timeline of Nuna breakup, global orogenesis associated with Rodinia assembly, and Rodinia breakup, and initial assembly of Gondwana.

It is key to note that assembly of Rodinia commenced while the breakup of Nuna was still underway. Likewise Rodinia began to breakup while some peripheral blocks had yet to assemble. The timing of Nuna breakup after LeCheminant and Heaman (1989), Zhao et al. (2004), Ernst et al. (2008), Wingate et al. (2009), Evans and Mitchell (2011); breakup of Rodinia after McCausland and Hodych (1998), Cawood et al. (2001), Li et al. (2002), Harlan (2003), Spencer et al. (2012), McClellan and Gazel (2014), Spencer et al. (2014b). Timing of Rodinian orogenesis after Condie et al. (2015).

Fig. 11. a) Compiled zircon  $\delta^{18}\text{O}$  (‰) database (see supplementary materials for references). Red line is a running mean and blue line represents a homogeneity test (both Pettitt and Buishand tests) showing a step change from 5.8‰ to 6.8‰ at 2125 Ma. b) Compiled Zr concentrations (ppm) in igneous rocks from Earthchem and augmented with data from Van Kranendonk and Kirkland (2013). c) Compiled Th concentrations (ppm) in igneous rocks from Earthchem and augmented with data from Van Kranendonk and Kirkland (2013). Importantly the databases in b and c display a general pattern of increasing trace element concentrations through time and do not show a decrease in Zr or Th concentrations at ~1.0 Ga as purported by Van Kranendonk and Kirkland (2013).

Fig. 12. a) Interpretive framework of crustal growth loci. ~3.0 Ga represented a general transition from crustal growth from non-arc settings to arc settings. This shift likely coincides with the onset of subduction (Dhuime et al., 2012). b) Crustal destruction was maximized during the early Earth with higher mantle potential temperature and correspondingly increased mantle convection vigor. Crustal preservation was also limited during the early Earth due to these conditions. As potential mantle temperatures began to decrease at ~3.0 Ga, crustal preservation increased during cratonic amalgamation (the 'Neoproterozoic supercontinent assembly' discussed in section 7.3 and assembly of supercontinents (sections 8) through time) and decreased during periods of post-3.0 Ga arc magmatism (the balance of crustal formation and destruction discussed in section 4). Additionally, the duration of time between major amalgamation events decreases through time (Condie et al., 2015) likely also associated with the secular cooling of the Earth. c) The lowest (purple) curve is the distribution of extant continental crust (Goodwin, 1996). Using the proportion of juvenile granitoid ages, Condie and Aster (2010) estimate the growth of juvenile continental crust (green curve). Using isotopic proxies (O and Hf of zircon) Dhuime et al. (2012) argue for significant early continental growth. However, as discussed in section 9, this growth curve represents a minimum estimate for continental volumes generated as it does not account for continental crust recycled into the mantle (section 4). We posit a continental growth curve that takes biased preservation and secular cooling into account the lies above the minimum

growth curve of Dhuime et al. (2012). We further hypothesize an oscillation of absolute crustal growth associated with the assembly of supercratons/continents which control the balance of continental versus oceanic arcs.

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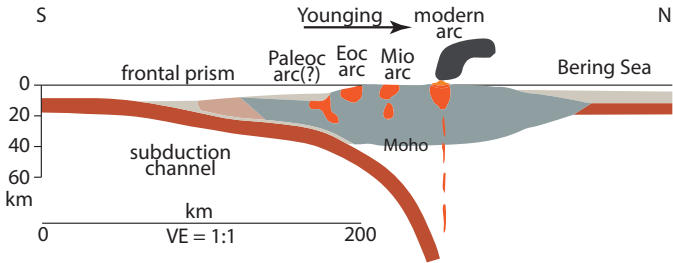
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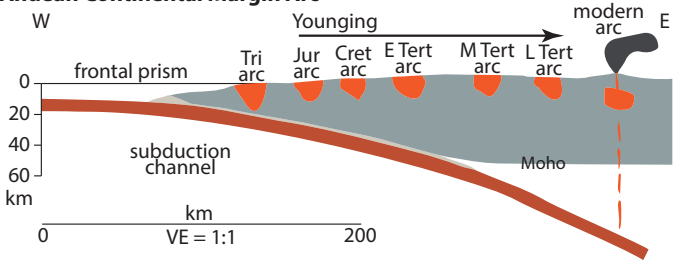
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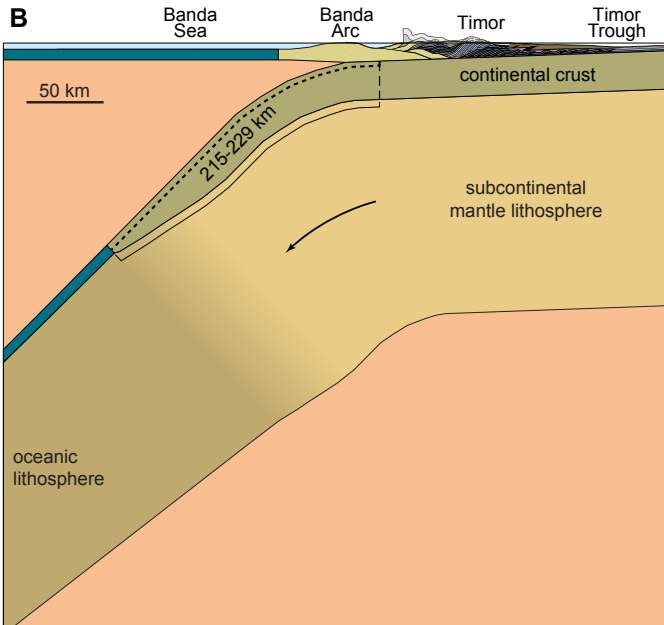
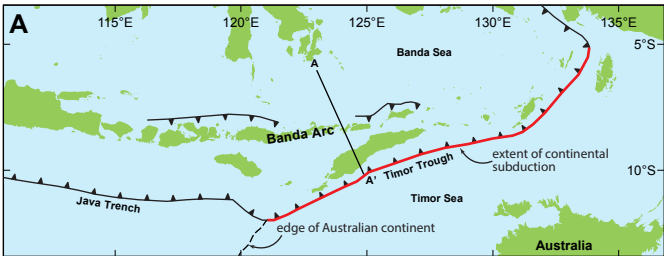
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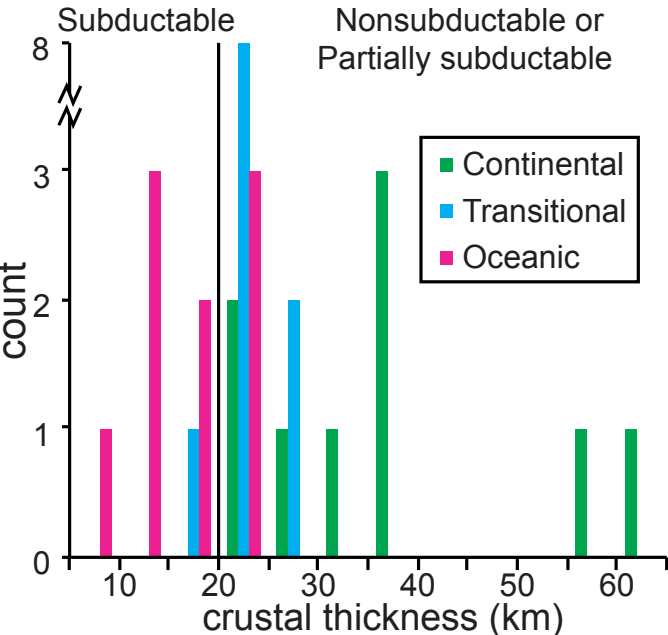
## Aluetian Intra-oceanic Arc



## Andean Continental Margin Arc



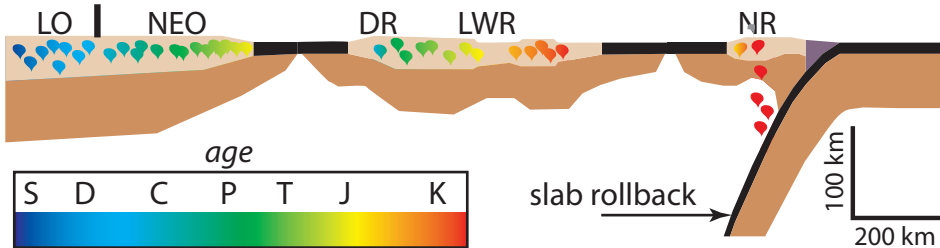




**a.****Tasmanide/SW Pacific retreating SZ**

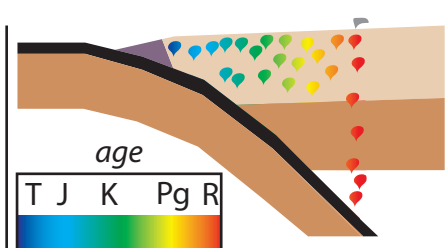
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Younging →

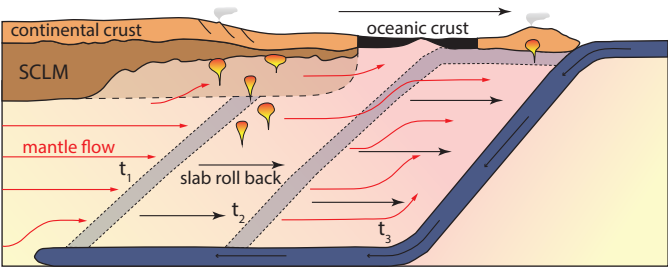
**b.****Andean advancing SZ**

Younging →

E







Collision  
related  
magmatism

Subduction  
related  
magmatism

Peak from previous  
supercontinent cycle

Steady state  
zircon production

subduction  
initiation

early-subduction  
phase

Steady state  
zircon production

recycling by  
subduction  
erosion

late-subduction  
phase

Depositional age

collisional  
phase

biased zircon  
preservation

+300

+200

+100

0

-100

-200

-300

-400

-500

-600

-700

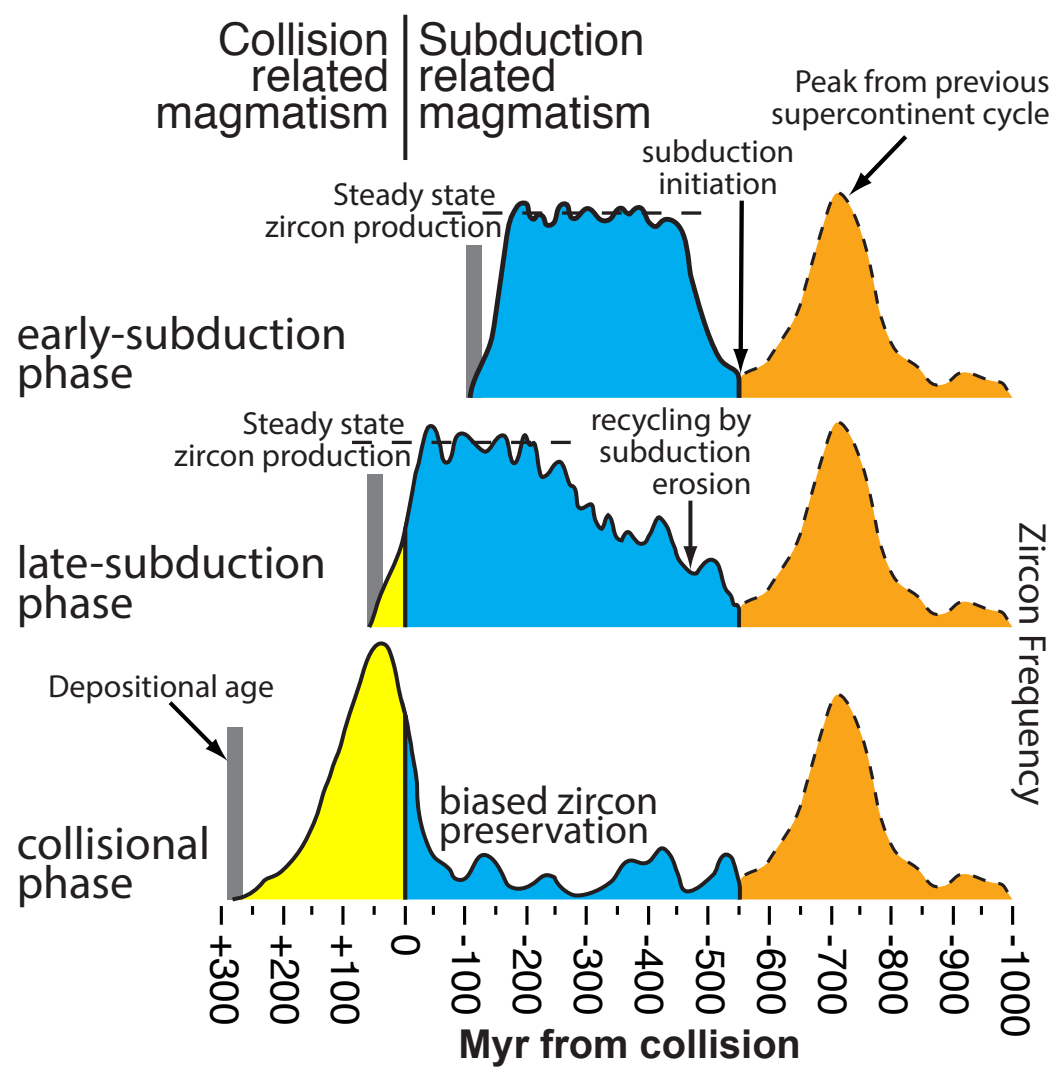
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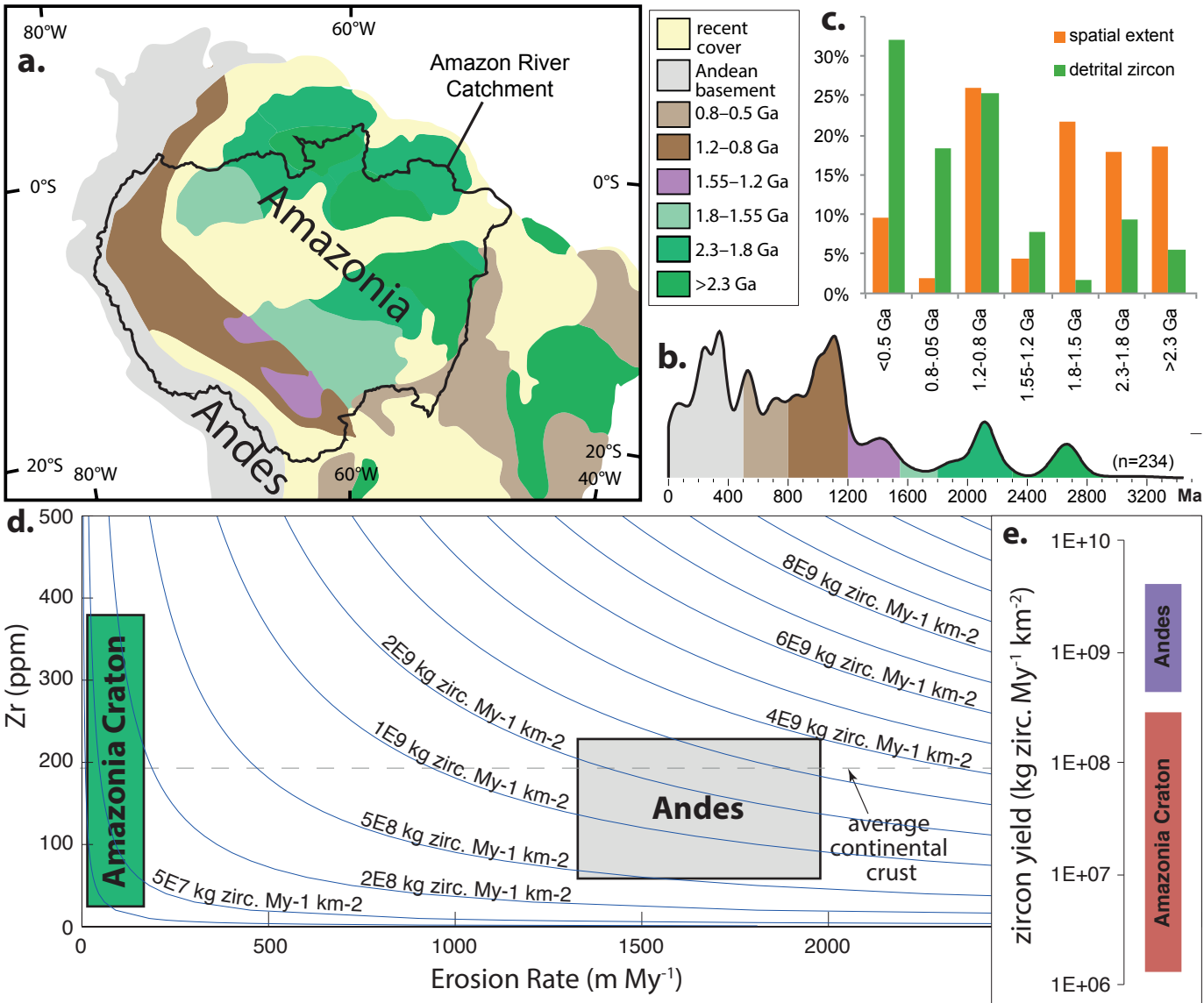
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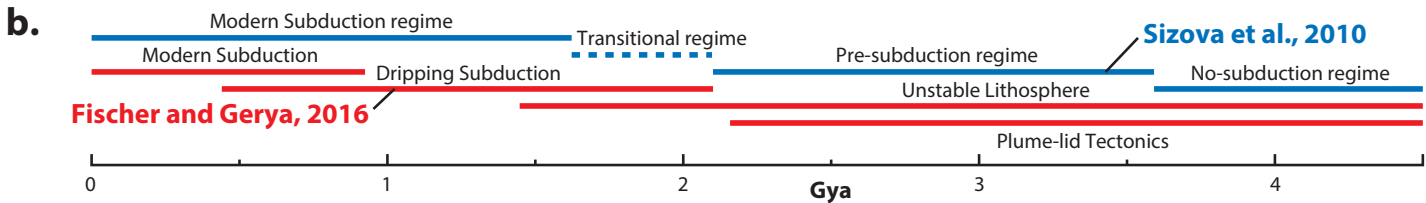
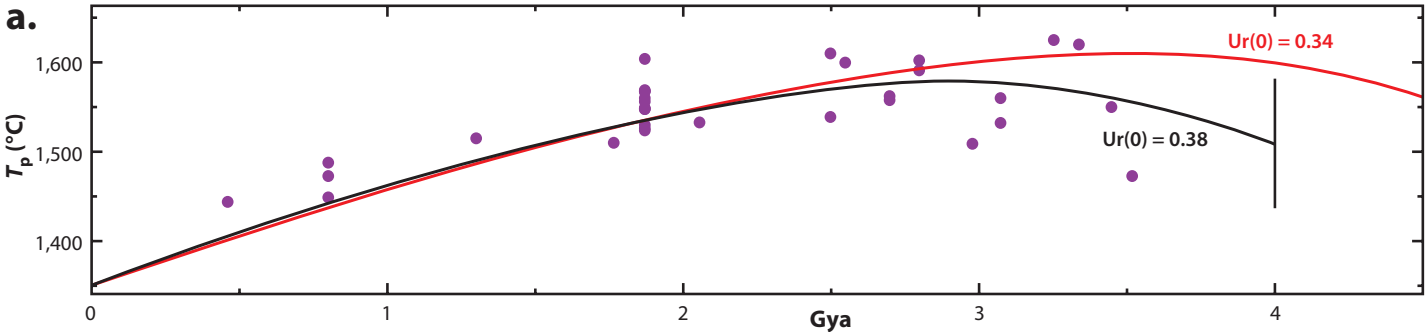
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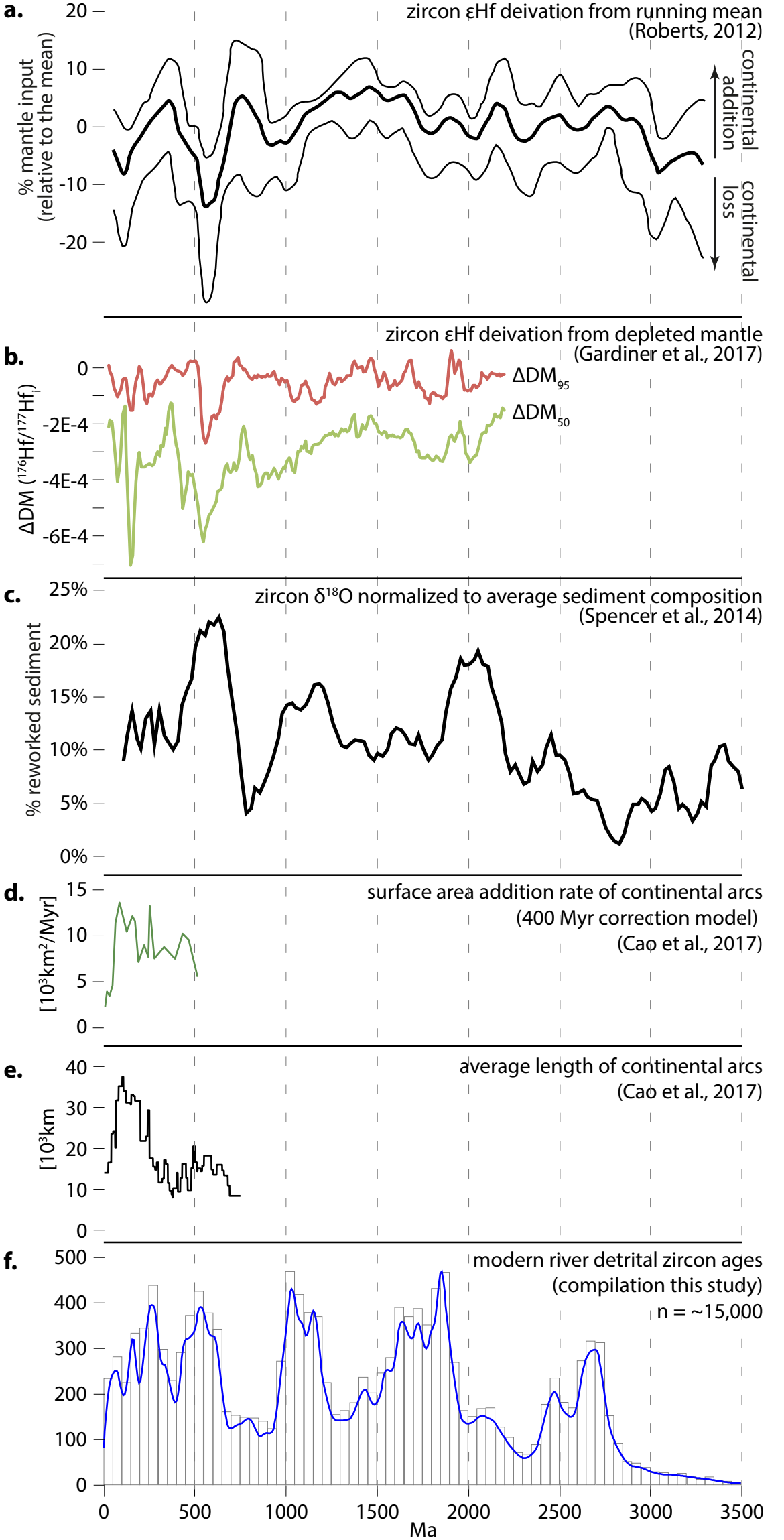
Myr from collision

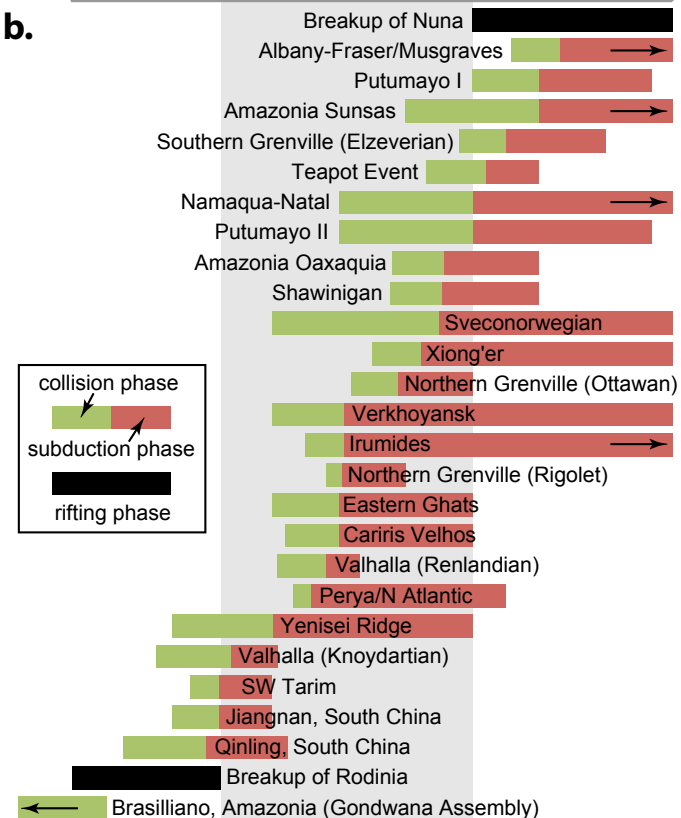
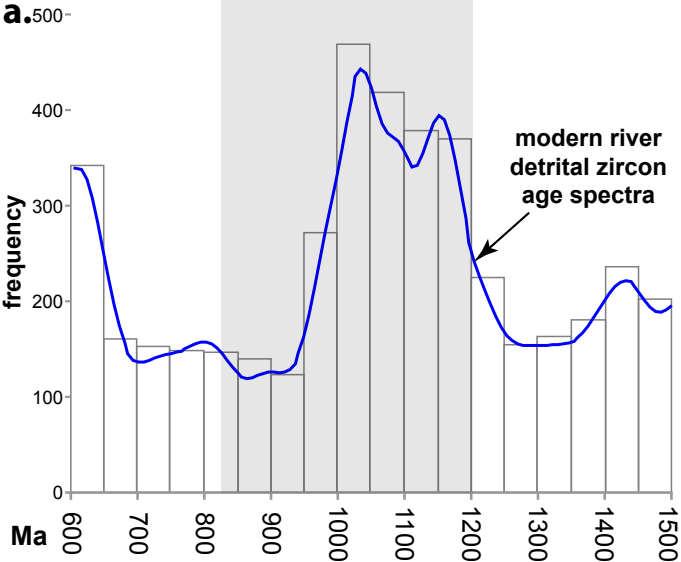
Zircon Frequency

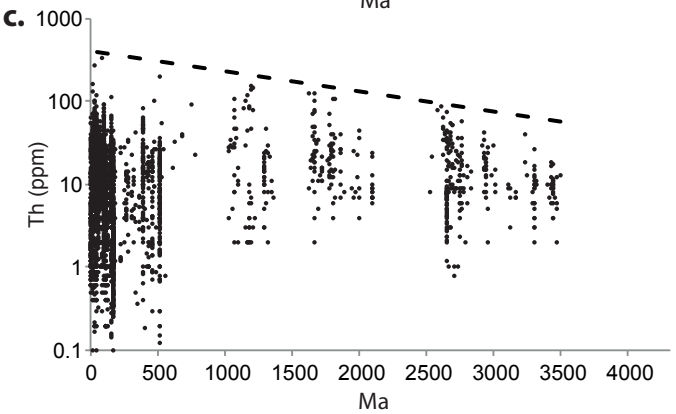
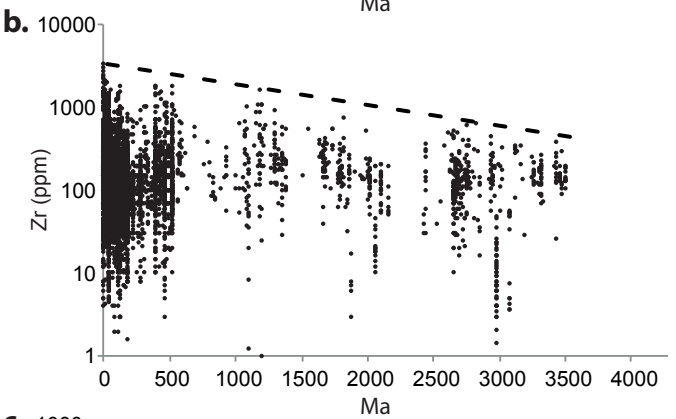
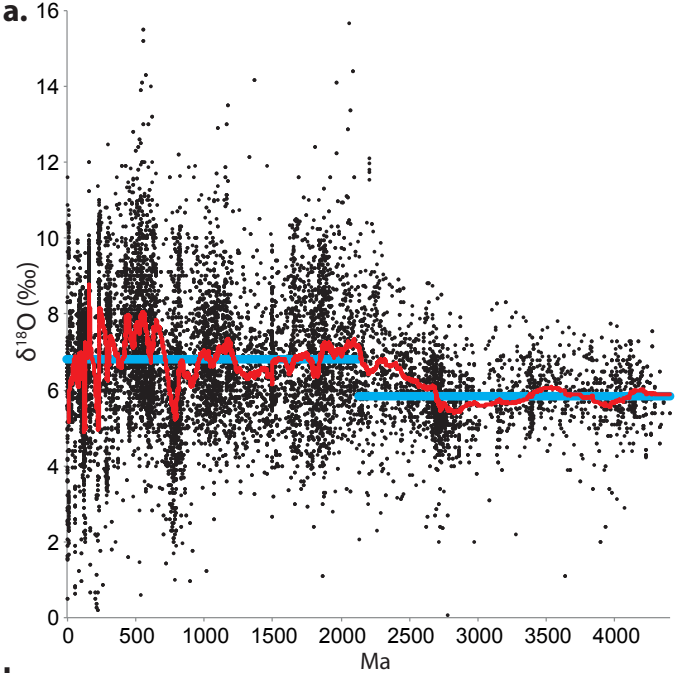


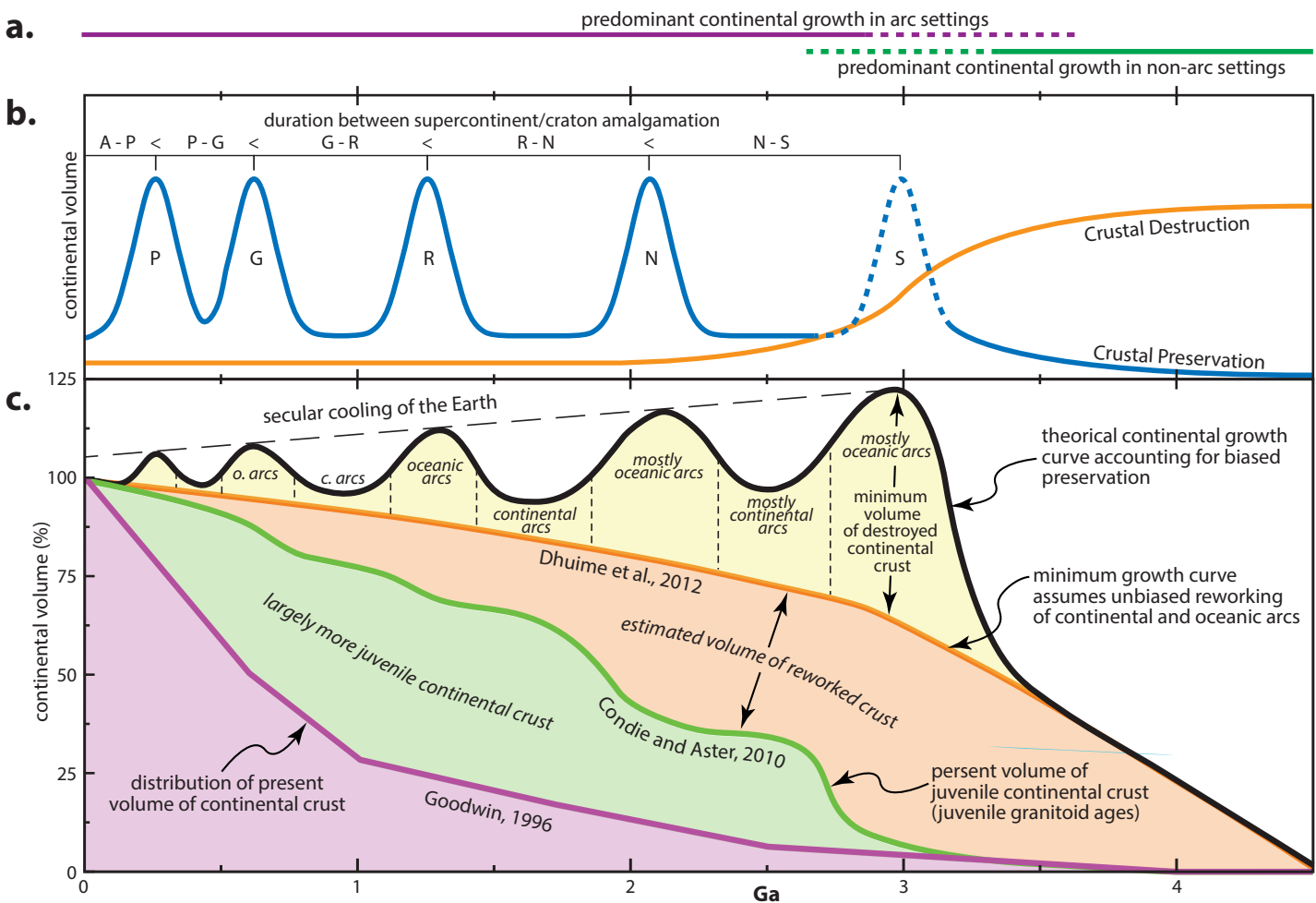














*Abstract for Growth, destruction, and preservation of Earth's continental crust:*

From the scant Hadean records of the Jack Hills to Cenozoic supervolcanoes, the continental crust provides a synoptic view deep into Earth history. However, the information is fragmented, as large volumes of continental crust have been recycled back into the mantle by a variety of processes. The preserved crustal record is the balance between the volume of crust generated by magmatic processes and the volume destroyed through return to the mantle by tectonic erosion and lower crustal delamination. At present-day, the Earth has reached near-equilibrium between the amount of crust being generated and that being returned to the mantle. However, multiple lines of evidence support secular change in crustal processes through time. Though a variety of isotopic proxies are used to estimate crustal growth through time, none of those currently utilized are able to quantify the volumes of crust recycled back into the mantle. This implies the estimates of preserved continental crust and growth curves derived therefrom represent only a minimum of total crustal growth. We posit that from the Neoproterozoic, the probable onset of modern-day style plate tectonics, there has been no net crustal growth (and perhaps even a net loss) of the continental crust. Deciphering changes from this equilibrium state through geologic time remains a continual pursuit of crustal evolution studies.

| Source | Analysis_Name | Age | d180  | 2SD   |
|--------|---------------|-----|-------|-------|
| 71     | DG220         |     | 0.01  | 10.37 |
| 2      |               | 5.4 | 0.109 | 2.06  |
| 2      |               | 5.4 | 0.109 | 2.06  |
| 2      |               | 5.4 | 0.11  | 2.83  |
| 2      |               | 5.4 | 0.11  | 2.83  |
| 2      |               | 5.4 | 0.115 | 2.52  |
| 2      |               | 5.4 | 0.115 | 2.52  |
| 2      |               | 5.4 | 0.15  | 2.46  |
| 2      |               | 5.4 | 0.15  | 2.46  |
| 2      |               | 5.4 | 0.15  | 4.8   |
| 2      |               | 5.4 | 0.15  | 4.8   |
| 2      |               | 5.4 | 0.17  | 2.88  |
| 2      |               | 5.4 | 0.17  | 2.88  |
| 2      |               | 5.4 | 0.177 | 4.97  |
| 2      |               | 5.4 | 0.177 | 4.97  |
| 2      |               | 5.4 | 0.177 | 5.53  |
| 2      |               | 5.4 | 0.177 | 5.53  |
| 2      |               | 5.4 | 0.198 | 1.54  |
| 2      |               | 5.4 | 0.198 | 1.54  |
| 2      |               | 5.4 | 0.484 | 3.22  |
| 2      |               | 5.4 | 0.484 | 3.22  |
| 2      |               | 5.4 | 0.486 | -0.02 |
| 2      |               | 5.4 | 0.486 | -0.02 |
| 2      |               | 5.4 | 0.5   | 1.57  |
| 2      |               | 5.4 | 0.5   | 1.57  |
| 2      |               | 5.4 | 0.5   | 2.56  |
| 2      |               | 5.4 | 0.5   | 2.56  |
| 2      |               | 5.4 | 0.516 | 0.49  |
| 2      |               | 5.4 | 0.516 | 0.49  |
| 2      |               | 5.4 | 0.6   | 4.16  |
| 2      |               | 5.4 | 0.6   | 4.16  |
| 2      |               | 5.4 | 0.62  | 3.9   |
| 2      |               | 5.4 | 0.62  | 3.9   |
| 3      |               | 5.3 | 0.76  | 5.59  |
| 3      |               | 5.3 | 0.76  | 5.59  |
| 3      |               | 5.3 | 0.76  | 5.83  |
| 3      |               | 5.3 | 0.76  | 5.83  |
| 3      |               | 5.3 | 0.76  | 5.94  |
| 3      |               | 5.3 | 0.76  | 5.94  |
| 3      |               | 5.3 | 0.76  | 5.94  |
| 3      |               | 5.3 | 0.76  | 5.94  |
| 2      |               | 5.4 | 0.82  | 3.6   |
| 2      |               | 5.4 | 0.82  | 3.6   |
| 2      |               | 5.4 | 0.945 | 3.97  |

|        |         |       |      |
|--------|---------|-------|------|
| 2      | 5.4     | 0.945 | 3.97 |
| 2      | 5.4     | 0.945 | 4.18 |
| 2      | 5.4     | 0.945 | 4.18 |
| 58 DDH | 508-232 | 0.99  | 6.4  |
| 58 DDH | 508-232 | 0.99  | 6.4  |
| 58 DDH | 508-232 | 0.99  | 6.6  |
| 58 DDH | 508-232 | 0.99  | 6.6  |
| 58 DDH | 508-232 | 1     | 6.6  |
| 58 DDH | 508-232 | 1     | 6.6  |
| 58 DDH | 508-232 | 1.04  | 6.2  |
| 58 DDH | 508-232 | 1.04  | 6.2  |
| 58 DDH | 508-232 | 1.04  | 6.6  |
| 58 DDH | 508-232 | 1.04  | 6.6  |
| 58 DDH | 508-366 | 1.06  | 6.4  |
| 58 DDH | 508-366 | 1.06  | 6.4  |
| 58 DDH | 508-232 | 1.06  | 6.6  |
| 58 DDH | 508-232 | 1.06  | 6.6  |
| 58 DDH | 508-232 | 1.06  | 8.3  |
| 58 DDH | 508-232 | 1.06  | 8.3  |
| 58 DDH | 508-232 | 1.07  | 5.6  |
| 58 DDH | 508-232 | 1.07  | 5.6  |
| 58 DDH | 508-366 | 1.07  | 7.3  |
| 58 DDH | 508-366 | 1.07  | 7.3  |
| 58 DDH | 508-232 | 1.08  | 5    |
| 58 DDH | 508-232 | 1.08  | 5    |
| 58 DDH | 508-366 | 1.08  | 6.3  |
| 58 DDH | 508-366 | 1.08  | 6.3  |
| 58 DDH | 508-366 | 1.1   | 5.6  |
| 58 DDH | 508-366 | 1.1   | 5.6  |
| 58 DDH | 508-366 | 1.1   | 6.4  |
| 58 DDH | 508-366 | 1.1   | 6.4  |
| 58 DDH | 508-366 | 1.1   | 6.6  |
| 58 DDH | 508-366 | 1.1   | 6.6  |
| 58 DDH | 508-366 | 1.1   | 6.7  |
| 58 DDH | 508-366 | 1.1   | 6.7  |
| 58 DDH | 508-232 | 1.11  | 6.5  |
| 58 DDH | 508-232 | 1.11  | 6.5  |
| 58 DDH | 508-232 | 1.11  | 7    |
| 58 DDH | 508-232 | 1.11  | 7    |
| 58 DDH | 508-232 | 1.11  | 7.1  |
| 58 DDH | 508-232 | 1.11  | 7.1  |
| 58 DDH | 508-232 | 1.12  | 6.5  |
| 58 DDH | 508-232 | 1.12  | 6.5  |
| 58 DDH | 508-366 | 1.13  | 5.5  |
| 58 DDH | 508-366 | 1.13  | 5.5  |

|                   |       |       |
|-------------------|-------|-------|
| 58 DDH 508-366    | 1. 13 | 6. 4  |
| 58 DDH 508-366    | 1. 13 | 6. 4  |
| 58 DDH 508-232    | 1. 14 | 6. 2  |
| 58 DDH 508-232    | 1. 14 | 6. 2  |
| 58 DDH 508-232    | 1. 14 | 6. 2  |
| 58 DDH 508-232    | 1. 14 | 6. 2  |
| 58 DDH 508-232    | 1. 14 | 6. 3  |
| 58 DDH 508-232    | 1. 14 | 6. 3  |
| 58 DDH 508-232    | 1. 14 | 6. 3  |
| 58 DDH 508-232    | 1. 14 | 6. 3  |
| 58 DDH 508-232    | 1. 14 | 6. 3  |
| 58 DDH 508-232    | 1. 14 | 6. 3  |
| 58 DDH 508-232    | 1. 14 | 6. 3  |
| 58 DDH 508-232    | 1. 14 | 6. 3  |
| 58 DDH 508-232    | 1. 14 | 6. 4  |
| 58 DDH 508-232    | 1. 14 | 6. 4  |
| 58 DDH 508-232    | 1. 14 | 6. 5  |
| 58 DDH 508-232    | 1. 14 | 6. 5  |
| 58 DDH 508-232    | 1. 14 | 7     |
| 58 DDH 508-232    | 1. 14 | 7     |
| 2            5. 4 | 1. 15 | 3. 84 |
| 2            5. 4 | 1. 15 | 3. 84 |
| 58 DDH 508-232    | 1. 16 | 6. 6  |
| 58 DDH 508-232    | 1. 16 | 6. 6  |
| 58 DDH 508-232    | 1. 16 | 6. 6  |
| 58 DDH 508-232    | 1. 16 | 6. 6  |
| 58 DDH 508-232    | 1. 16 | 6. 7  |
| 58 DDH 508-232    | 1. 16 | 6. 7  |
| 58 DDH 508-232    | 1. 16 | 7. 2  |
| 58 DDH 508-232    | 1. 16 | 7. 2  |
| 58 DDH 508-232    | 1. 16 | 7. 2  |
| 58 DDH 508-232    | 1. 16 | 7. 2  |
| 58 DDH 508-232    | 1. 17 | 5. 9  |
| 58 DDH 508-232    | 1. 17 | 5. 9  |
| 58 DDH 508-232    | 1. 17 | 6. 1  |
| 58 DDH 508-232    | 1. 17 | 6. 1  |
| 58 DDH 508-232    | 1. 17 | 6. 6  |
| 58 DDH 508-232    | 1. 17 | 6. 6  |
| 58 DDH 508-366    | 1. 17 | 8. 3  |
| 58 DDH 508-366    | 1. 17 | 8. 3  |
| 58 DDH 508-366    | 1. 19 | 6. 6  |
| 58 DDH 508-366    | 1. 19 | 6. 6  |
| 58 DDH 508-366    | 1. 19 | 6. 9  |
| 58 DDH 508-366    | 1. 19 | 6. 9  |
| 2            5. 4 | 1. 2  | 3. 58 |
| 2            5. 4 | 1. 2  | 3. 58 |
| 58 DDH 508-232    | 1. 22 | 6. 4  |

|                |     |       |      |
|----------------|-----|-------|------|
| 58 DDH 508-232 |     | 1.22  | 6.4  |
| 58 DDH 508-232 |     | 1.22  | 6.5  |
| 58 DDH 508-232 |     | 1.22  | 6.5  |
| 58 DDH 508-232 |     | 1.22  | 6.5  |
| 58 DDH 508-232 |     | 1.22  | 6.5  |
| 58 DDH 508-232 |     | 1.23  | 6.3  |
| 58 DDH 508-232 |     | 1.23  | 6.3  |
| 58 DDH 508-232 |     | 1.23  | 6.9  |
| 58 DDH 508-232 |     | 1.23  | 6.9  |
| 58 DDH 508-232 |     | 1.23  | 7.4  |
| 58 DDH 508-232 |     | 1.23  | 7.4  |
| 2              | 5.4 | 1.293 | 3.62 |
| 2              | 5.4 | 1.293 | 3.62 |
| 58 DDH 508-232 |     | 1.3   | 6.4  |
| 58 DDH 508-232 |     | 1.3   | 6.4  |
| 58 DDH 508-366 |     | 1.37  | 6.7  |
| 58 DDH 508-366 |     | 1.37  | 6.7  |
| 58 DDH 508-232 |     | 1.48  | 6    |
| 58 DDH 508-232 |     | 1.48  | 6    |
| 58 DDH 508-232 |     | 1.48  | 6.5  |
| 58 DDH 508-232 |     | 1.48  | 6.5  |
| 58 DDH 508-366 |     | 1.48  | 6.6  |
| 58 DDH 508-366 |     | 1.48  | 6.6  |
| 58 DDH 508-232 |     | 1.48  | 6.9  |
| 58 DDH 508-232 |     | 1.48  | 6.9  |
| 58 DDH 508-232 |     | 1.5   | 5.6  |
| 58 DDH 508-232 |     | 1.5   | 5.6  |
| 58 DDH 508-366 |     | 1.5   | 6.3  |
| 58 DDH 508-366 |     | 1.5   | 6.3  |
| 2              | 5.4 | 1.76  | 1.62 |
| 2              | 5.4 | 1.76  | 1.62 |
| 2              | 5.4 | 1.8   | 1.9  |
| 2              | 5.4 | 1.8   | 1.9  |
| 2              | 5.4 | 2     | 5.17 |
| 2              | 5.4 | 2     | 5.17 |
| 2              | 5.4 | 2     | 5.57 |
| 2              | 5.4 | 2     | 5.57 |
| 89 TT91        |     | 4.5   | 4.39 |
| 89 TT94        |     | 5     | 4.99 |
| 71 DG264       |     | 5.5   | 8.46 |
| 89 TT101       |     | 6.4   | 4.62 |
| 89 TT90        |     | 6.4   | 4.73 |
| 89 TT102       |     | 6.4   | 4.96 |
| 71 DG23        |     | 6.5   | 11.6 |
| 89 TT150       |     | 6.6   | 4.71 |

|             |     |      |       |      |
|-------------|-----|------|-------|------|
| 71 DG135    |     | 7.2  | 9.02  |      |
| 71 DG314    |     | 7.2  | 9.66  |      |
| 71 DG236    |     | 7.2  | 10.89 |      |
| 71 DG05-1   |     | 7.3  | 6.76  |      |
| 71 DG259    |     | 8    | 9.28  |      |
| 4           | 5.2 | 11.3 | 4.4   |      |
| 4           | 5.2 | 11.3 | 4.4   |      |
| 4           | 5.2 | 11.3 | 4.42  |      |
| 4           | 5.2 | 11.3 | 4.42  |      |
| 4           | 5.2 | 11.5 | 6.5   |      |
| 4           | 5.2 | 11.5 | 6.5   |      |
| 4           | 5.2 | 11.5 | 6.6   |      |
| 4           | 5.2 | 11.5 | 6.6   |      |
| 4           | 5.2 | 12   | 4.4   |      |
| 4           | 5.2 | 12   | 4.4   |      |
| 4           | 5.2 | 12.7 | 5.8   |      |
| 4           | 5.2 | 12.7 | 5.8   |      |
| 4           | 5.2 | 12.7 | 5.9   |      |
| 4           | 5.2 | 12.7 | 5.9   |      |
| 4           | 5.2 | 12.8 | 6.8   |      |
| 4           | 5.2 | 12.8 | 6.8   |      |
| 4           | 5.2 | 12.8 | 6.93  |      |
| 4           | 5.2 | 12.8 | 6.93  |      |
| 70 E0-28-19 | (2) | 16.5 | 1.65  | 0.14 |
| 70 E0-28-19 | (1) | 16.5 | 1.65  | 0.16 |
| 70 E0-74-46 | (3) | 16.5 | 1.95  | 0.24 |
| 70 E0-28-36 | (1) | 16.5 | 1.97  | 0.16 |
| 70 E0-74-46 | (1) | 16.5 | 2.03  | 0.16 |
| 70 E0-28-32 | (1) | 16.5 | 2.28  | 0.16 |
| 70 E0-28-21 | (1) | 16.5 | 2.29  | 0.16 |
| 70 E0-74-49 | (1) | 16.5 | 2.29  | 0.16 |
| 70 E0-28-28 | (1) | 16.5 | 2.31  | 0.16 |
| 70 E0-28-14 | (1) | 16.5 | 2.31  | 0.17 |
| 70 E0-28-30 | (1) | 16.5 | 2.35  | 0.18 |
| 70 E0-28-34 | (1) | 16.5 | 2.41  | 0.18 |
| 70 E0-28-16 | (1) | 16.5 | 2.45  | 0.17 |
| 70 E0-28-17 | (1) | 16.5 | 2.48  | 0.17 |
| 70 E0-28-22 | (2) | 16.5 | 2.49  | 0.15 |
| 70 E0-74-46 | (2) | 16.5 | 2.58  | 0.17 |
| 70 E0-74-11 | (1) | 16.5 | 2.6   | 0.16 |
| 70 E0-28-27 | (1) | 16.5 | 2.66  | 0.19 |
| 70 E0-74-49 | (2) | 16.5 | 2.68  | 0.15 |
| 70 E0-74-25 | (1) | 16.5 | 2.75  | 0.16 |
| 70 E0-74-49 | (3) | 16.5 | 2.75  | 0.18 |
| 70 E0-28-11 | (1) | 16.5 | 2.77  | 0.18 |

|                 |      |      |      |
|-----------------|------|------|------|
| 70 E0-28-14 (2) | 16.5 | 2.78 | 0.15 |
| 70 E0-28-16 (2) | 16.5 | 2.78 | 0.15 |
| 70 E0-74-10 (1) | 16.5 | 2.86 | 0.17 |
| 70 E0-74-14 (1) | 16.5 | 2.9  | 0.17 |
| 70 E0-74-30 (1) | 16.5 | 2.9  | 0.17 |
| 70 E0-74-12 (1) | 16.5 | 2.91 | 0.15 |
| 70 E0-74-44 (2) | 16.5 | 2.91 | 0.17 |
| 70 E0-74-35 (1) | 16.5 | 3.04 | 0.19 |
| 70 E0-74-32 (1) | 16.5 | 3.06 | 0.19 |
| 70 E0-74-14 (2) | 16.5 | 3.09 | 0.18 |
| 70 E0-74-30 (2) | 16.5 | 3.12 | 0.18 |
| 70 E0-74-44 (1) | 16.5 | 3.15 | 0.23 |
| 70 E0-74-9 (1)  | 16.5 | 3.2  | 0.16 |
| 70 E0-74-35 (2) | 16.5 | 3.21 | 0.18 |
| 70 E0-74-19 (1) | 16.5 | 3.28 | 0.21 |
| 70 E0-74-41 (1) | 16.5 | 3.32 | 0.16 |
| 70 E0-31-4 (1)  | 16.5 | 5.07 | 0.17 |
| 70 E0-31-22 (2) | 16.5 | 5.15 | 0.18 |
| 70 E0-31-4 (2)  | 16.5 | 5.22 | 0.17 |
| 70 E0-31-34 (1) | 16.5 | 5.28 | 0.16 |
| 70 E0-31-16 (2) | 16.5 | 5.29 | 0.16 |
| 70 E0-31-22 (1) | 16.5 | 5.3  | 0.17 |
| 70 E0-31-12 (2) | 16.5 | 5.31 | 0.16 |
| 70 E0-31-36 (2) | 16.5 | 5.31 | 0.19 |
| 70 E0-31-17 (1) | 16.5 | 5.36 | 0.17 |
| 70 E0-31-5 (1)  | 16.5 | 5.38 | 0.16 |
| 70 E0-17-25 (2) | 16.5 | 5.4  | 0.18 |
| 70 E0-31-27 (1) | 16.5 | 5.4  | 0.19 |
| 70 E0-17-32 (1) | 16.5 | 5.43 | 0.15 |
| 70 E0-17-9 (2)  | 16.5 | 5.43 | 0.18 |
| 70 E0-31-17 (2) | 16.5 | 5.44 | 0.15 |
| 70 E0-31-23 (1) | 16.5 | 5.44 | 0.17 |
| 70 E0-17-26 (2) | 16.5 | 5.46 | 0.18 |
| 70 E0-31-19 (1) | 16.5 | 5.46 | 0.2  |
| 70 E0-31-30 (2) | 16.5 | 5.47 | 0.15 |
| 70 E0-17-29 (2) | 16.5 | 5.51 | 0.16 |
| 70 E0-17-20 (1) | 16.5 | 5.52 | 0.16 |
| 70 E0-17-33 (1) | 16.5 | 5.54 | 0.17 |
| 70 E0-31-30 (1) | 16.5 | 5.54 | 0.18 |
| 70 E0-17-25 (1) | 16.5 | 5.56 | 0.16 |
| 70 E0-31-27 (2) | 16.5 | 5.56 | 0.19 |
| 70 E0-17-15 (1) | 16.5 | 5.57 | 0.17 |
| 70 E0-17-26 (1) | 16.5 | 5.58 | 0.15 |
| 70 E0-31-12 (1) | 16.5 | 5.58 | 0.15 |
| 70 E0-17-11 (1) | 16.5 | 5.58 | 0.18 |

|                 |      |       |      |
|-----------------|------|-------|------|
| 70 EO-17-45 (1) | 16.5 | 5.6   | 0.15 |
| 70 EO-17-9 (1)  | 16.5 | 5.6   | 0.17 |
| 70 EO-17-46 (1) | 16.5 | 5.61  | 0.15 |
| 70 EO-17-6 (1)  | 16.5 | 5.61  | 0.15 |
| 70 EO-17-29 (1) | 16.5 | 5.62  | 0.16 |
| 70 EO-17-43 (1) | 16.5 | 5.63  | 0.17 |
| 70 EO-17-32 (2) | 16.5 | 5.64  | 0.16 |
| 70 EO-17-45 (2) | 16.5 | 5.64  | 0.16 |
| 70 EO-31-16 (1) | 16.5 | 5.67  | 0.18 |
| 70 EO-17-46 (2) | 16.5 | 5.69  | 0.17 |
| 70 EO-17-36 (1) | 16.5 | 5.71  | 0.17 |
| 70 EO-31-34 (2) | 16.5 | 5.71  | 0.19 |
| 70 EO-17-43 (2) | 16.5 | 5.72  | 0.17 |
| 70 EO-17-36 (2) | 16.5 | 5.73  | 0.16 |
| 70 EO-31-36 (3) | 16.5 | 5.83  | 0.16 |
| 70 EO-17-49 (1) | 16.5 | 6     | 0.15 |
| 70 EO-17-49 (2) | 16.5 | 6.17  | 0.18 |
| 70 EO-31-36 (1) | 16.5 | 6.29  | 0.17 |
| 70 EO-17-48 (1) | 16.5 | 6.42  | 0.16 |
| 70 EO-17-48 (3) | 16.5 | 6.64  | 0.19 |
| 70 EO-17-44 (2) | 16.5 | 6.65  | 0.18 |
| 70 EO-17-48 (4) | 16.5 | 6.8   | 0.18 |
| 70 EO-10-16 (1) | 16.5 | 8.7   | 0.18 |
| 70 EO-10-3 (1)  | 16.5 | 8.85  | 0.17 |
| 70 EO-10-11 (1) | 16.5 | 8.94  | 0.17 |
| 70 EO-10-13 (1) | 16.5 | 9.12  | 0.17 |
| 70 EO-10-10 (2) | 16.5 | 9.49  | 0.18 |
| 70 EO-10-5 (1)  | 16.5 | 9.49  | 0.19 |
| 70 EO-14-28 (2) | 16.5 | 9.51  | 0.15 |
| 70 EO-10-14 (1) | 16.5 | 9.53  | 0.16 |
| 70 EO-10-7 (1)  | 16.5 | 9.53  | 0.19 |
| 70 EO-10-12 (1) | 16.5 | 9.56  | 0.2  |
| 70 EO-14-28 (1) | 16.5 | 9.62  | 0.17 |
| 70 EO-10-8 (2)  | 16.5 | 9.67  | 0.16 |
| 70 EO-14-30 (2) | 16.5 | 9.68  | 0.16 |
| 70 EO-10-10 (1) | 16.5 | 9.72  | 0.16 |
| 70 EO-14-30 (1) | 16.5 | 9.73  | 0.15 |
| 70 EO-14-5 (1)  | 16.5 | 9.88  | 0.15 |
| 70 EO-14-22 (1) | 16.5 | 9.88  | 0.19 |
| 70 EO-10-8 (1)  | 16.5 | 9.89  | 0.19 |
| 70 EO-14-11 (2) | 16.5 | 9.92  | 0.18 |
| 70 EO-14-20 (1) | 16.5 | 10    | 0.16 |
| 70 EO-14-9 (1)  | 16.5 | 10.03 | 0.18 |
| 70 EO-14-24 (2) | 16.5 | 10.16 | 0.19 |
| 70 EO-14-25 (1) | 16.5 | 10.22 | 0.17 |



|                 |      |       |      |
|-----------------|------|-------|------|
| 70 EO-14-18 (1) | 16.5 | 10.27 | 0.18 |
| 70 EO-14-7 (1)  | 16.5 | 10.29 | 0.19 |
| 70 EO-14-34 (1) | 16.5 | 10.32 | 0.16 |
| 70 EO-14-34 (2) | 16.5 | 10.32 | 0.16 |
| 70 EO-14-24 (1) | 16.5 | 10.33 | 0.16 |
| 70 EO-14-2 (1)  | 16.5 | 10.33 | 0.17 |
| 70 EO-14-1 (1)  | 16.5 | 10.4  | 0.17 |
| 70 EO-14-13 (1) | 16.5 | 10.61 | 0.19 |
| 70 EO-14-11 (1) | 16.5 | 10.76 | 0.17 |
| 10 1746-07      | 25   | 8.3   | 0.8  |
| 10 1746-07      | 25   | 8.3   | 0.8  |
| 65 BB-81 11     | 26   | 7.2   | 0.28 |
| 65 BB-81 11     | 26   | 7.2   | 0.28 |
| 65 BB-81 5      | 26   | 7.24  | 0.3  |
| 65 BB-81 5      | 26   | 7.24  | 0.3  |
| 65 BB-86 19     | 26   | 7.34  | 0.24 |
| 65 BB-86 19     | 26   | 7.34  | 0.24 |
| 65 BB-86 18     | 26   | 7.42  | 0.22 |
| 65 BB-86 18     | 26   | 7.42  | 0.22 |
| 65 BB-86 15     | 26   | 7.44  | 0.41 |
| 65 BB-86 15     | 26   | 7.44  | 0.41 |
| 65 BB-86 14     | 26   | 7.51  | 0.33 |
| 65 BB-86 14     | 26   | 7.51  | 0.33 |
| 65 BB-81 8      | 26   | 7.55  | 0.36 |
| 65 BB-81 8      | 26   | 7.55  | 0.36 |
| 65 BB-86 22     | 26   | 7.68  | 0.31 |
| 65 BB-86 22     | 26   | 7.68  | 0.31 |
| 65 BB-86 4      | 26   | 7.69  | 0.3  |
| 65 BB-86 4      | 26   | 7.69  | 0.3  |
| 65 BB-81 9      | 26   | 7.7   | 0.23 |
| 65 BB-81 9      | 26   | 7.7   | 0.23 |
| 65 BB-86 1      | 26   | 7.76  | 0.22 |
| 65 BB-86 1      | 26   | 7.76  | 0.22 |
| 65 BB-86 6      | 26   | 7.81  | 0.28 |
| 65 BB-86 6      | 26   | 7.81  | 0.28 |
| 65 BB-81 2      | 26   | 7.83  | 0.24 |
| 65 BB-81 2      | 26   | 7.83  | 0.24 |
| 65 BB-81 4      | 26   | 7.83  | 0.25 |
| 65 BB-81 4      | 26   | 7.83  | 0.25 |
| 65 BB-86 12     | 26   | 7.88  | 0.35 |
| 65 BB-86 12     | 26   | 7.88  | 0.35 |
| 65 BB-81 7      | 26   | 8.03  | 0.15 |
| 65 BB-81 7      | 26   | 8.03  | 0.15 |
| 65 BB-81 1      | 26   | 8.04  | 0.28 |
| 65 BB-81 1      | 26   | 8.04  | 0.28 |

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| 65 BB-81 3  | 26   | 8.08 | 0.23 |
| 65 BB-81 3  | 26   | 8.08 | 0.23 |
| 65 BB-86 17 | 26   | 8.36 | 0.37 |
| 65 BB-86 17 | 26   | 8.36 | 0.37 |
| 65 BB-86 3  | 26   | 8.83 | 0.2  |
| 65 BB-86 3  | 26   | 8.83 | 0.2  |
| 111 BB-86   | 26   | 7.79 |      |
| 111 BB-81   | 26   | 7.8  |      |
| 26 96BR-017 | 27   | 7.89 |      |
| 26 96BR-017 | 27   | 7.89 |      |
| 26 LC-2     | 28   | 5.47 |      |
| 26 LC-2     | 28   | 5.47 |      |
| 26 FCT      | 28   | 5.61 |      |
| 26 FCT      | 28   | 5.61 |      |
| 26 LC-5     | 28   | 5.82 |      |
| 26 LC-5     | 28   | 5.82 |      |
| 26 LC-33    | 28   | 5.96 |      |
| 26 LC-33    | 28   | 5.96 |      |
| 26 LC-34    | 28   | 6.01 |      |
| 26 LC-9     | 28   | 6.01 |      |
| 26 LC-34    | 28   | 6.01 |      |
| 26 LC-9     | 28   | 6.01 |      |
| 26 LC-15    | 28   | 6.14 |      |
| 26 LC-15    | 28   | 6.14 |      |
| 97 Jun-15   | 28.2 | 5.74 | 0.38 |
| 97 May-20   | 28.7 | 5.55 | 0.36 |
| 97 May-28   | 28.9 | 5.3  | 0.28 |
| 26 96BR-108 | 29   | 4.94 |      |
| 26 96BR-108 | 29   | 4.94 |      |
| 26 96BR-110 | 29   | 5.16 |      |
| 26 96BR-110 | 29   | 5.16 |      |
| 26 BULL-1   | 29   | 5.25 |      |
| 26 BULL-1   | 29   | 5.25 |      |
| 26 RM20     | 29   | 5.34 |      |
| 26 RM20     | 29   | 5.34 |      |
| 26 96BR-119 | 29   | 5.52 |      |
| 26 96BR-119 | 29   | 5.52 |      |
| 26 96BR-109 | 29   | 5.6  |      |
| 26 96BR-109 | 29   | 5.6  |      |
| 26 96BR-101 | 29   | 5.74 |      |
| 26 96BR-101 | 29   | 5.74 |      |
| 26 96BR-112 | 29   | 5.8  |      |
| 26 96BR-112 | 29   | 5.8  |      |
| 26 96BR-105 | 29   | 5.82 |      |
| 26 96BR-105 | 29   | 5.82 |      |

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| 26 96BR-114 | 29   | 5.95 |      |
| 26 HIL-1    | 29   | 5.95 |      |
| 26 96BR-114 | 29   | 5.95 |      |
| 26 HIL-1    | 29   | 5.95 |      |
| 26 RM5      | 29   | 5.98 |      |
| 26 RM5      | 29   | 5.98 |      |
| 26 HIL-10   | 29   | 6.5  |      |
| 26 HIL-10   | 29   | 6.5  |      |
| 26 96BR-107 | 29   | 6.55 |      |
| 26 96BR-107 | 29   | 6.55 |      |
| 26 RM15     | 29   | 8.05 |      |
| 26 RM15     | 29   | 8.05 |      |
| 97 May-41   | 30.4 | 5.3  | 0.21 |
| 97 C914F    | 30.6 | 5.2  | 0.18 |
| 65 BB-86 21 | 31   | 6.68 | 0.29 |
| 65 BB-86 21 | 31   | 6.68 | 0.29 |
| 65 BB-86 10 | 31   | 7.9  | 0.32 |
| 65 BB-86 10 | 31   | 7.9  | 0.32 |
| 97 GG4      | 31.8 | 5.47 | 0.21 |
| 26 95BR-130 | 32   | 7.06 |      |
| 26 95BR-130 | 32   | 7.06 |      |
| 26 95BR-132 | 33   | 6.78 |      |
| 26 95BR-132 | 33   | 6.78 |      |
| 65 BB-81 14 | 33   | 8.54 | 0.42 |
| 65 BB-81 14 | 33   | 8.54 | 0.42 |
| 26 RM7      | 35   | 6.28 |      |
| 26 RM7      | 35   | 6.28 |      |
| 26 RM8      | 36   | 5.88 |      |
| 26 RM8      | 36   | 5.88 |      |
| 26 RM6      | 36   | 7.68 |      |
| 26 RM6      | 36   | 7.68 |      |
| 26 95BR-141 | 37   | 5.17 |      |
| 26 95BR-141 | 37   | 5.17 |      |
| 26 95BR-145 | 37   | 5.92 |      |
| 26 95BR-145 | 37   | 5.92 |      |
| 26 95BR-140 | 37   | 5.98 |      |
| 26 95BR-140 | 37   | 5.98 |      |
| 26 95BR-143 | 37   | 6.11 |      |
| 26 95BR-143 | 37   | 6.11 |      |
| 26 95BR-142 | 37   | 6.15 |      |
| 26 95BR-142 | 37   | 6.15 |      |
| 26 95BR-144 | 37   | 6.22 |      |
| 26 95BR-152 | 37   | 6.22 |      |
| 26 95BR-144 | 37   | 6.22 |      |
| 26 95BR-152 | 37   | 6.22 |      |

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| 26 95BR-146 | 37 | 6.86 |      |
| 26 95BR-146 | 37 | 6.86 |      |
| 26 RM13     | 38 | 5.42 |      |
| 26 RM13     | 38 | 5.42 |      |
| 26 RM19     | 40 | 5.76 |      |
| 26 RM19     | 40 | 5.76 |      |
| 26 95BR-131 | 40 | 6.78 |      |
| 26 95BR-131 | 40 | 6.78 |      |
| 26 97BR-102 | 40 | 7.76 |      |
| 26 97BR-102 | 40 | 7.76 |      |
| 26 97BR-101 | 40 | 8.07 |      |
| 26 97BR-101 | 40 | 8.07 |      |
| 26 97BR-103 | 40 | 8.53 |      |
| 26 97BR-103 | 40 | 8.53 |      |
| 65 BB-86 8  | 40 | 8.8  | 0.17 |
| 65 BB-86 8  | 40 | 8.8  | 0.17 |
| 59 M0-960   | 43 | 6.2  | 0.3  |
| 59 M0-960   | 43 | 6.2  | 0.3  |
| 10 1774-83a | 44 | 4.3  | 0.6  |
| 10 1774-83a | 44 | 4.3  | 0.6  |
| 10 1774-83b | 44 | 4.4  | 0.6  |
| 10 1774-83b | 44 | 4.4  | 0.6  |
| 22 98IB-1   | 45 | 3.95 |      |
| 22 98IB-1   | 45 | 3.95 |      |
| 22 98IB-22  | 45 | 7.11 |      |
| 22 98IB-22  | 45 | 7.11 |      |
| 22 98IB-61  | 45 | 7.34 |      |
| 22 98IB-61  | 45 | 7.34 |      |
| 22 98IB-59  | 45 | 7.42 |      |
| 22 98IB-59  | 45 | 7.42 |      |
| 59 M0-1284  | 52 | 9.2  | 0.2  |
| 59 M0-1284  | 52 | 9.2  | 0.2  |
| 22 98IB-13  | 54 | 6.84 |      |
| 22 98IB-13  | 54 | 6.84 |      |
| 22 98IB-7   | 54 | 6.93 |      |
| 22 98IB-7   | 54 | 6.93 |      |
| 59 M0-1089  | 54 | 5.8  | 0.4  |
| 59 M0-1089  | 54 | 5.8  | 0.4  |
| 79 98IB-13  | 54 | 6.84 | 0.03 |
| 79 98IB-7   | 54 | 6.93 | 0.04 |
| 22 98IB-24  | 55 | 7.26 |      |
| 22 98IB-24  | 55 | 7.26 |      |
| 59 M0-911   | 55 | 9.5  | 0.2  |
| 59 M0-911   | 55 | 9.5  | 0.2  |
| 14 94SK32   | 58 | 1.9  |      |

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| 14 94SK32  | 58 | 1.9  |
| 14 94SK33  | 58 | 3.97 |
| 14 94SK33  | 58 | 3.97 |
| 14 95SK5   | 58 | 4.14 |
| 14 95SK5   | 58 | 4.14 |
| 14 95SK12  | 58 | 4.21 |
| 14 95SK12  | 58 | 4.21 |
| 14 95SK10  | 58 | 4.38 |
| 14 95SK10  | 58 | 4.38 |
| 40 98-SK32 | 58 | 0.64 |
| 40 98-SK32 | 58 | 0.64 |
| 40 97-SK18 | 58 | 0.8  |
| 40 97-SK18 | 58 | 0.8  |
| 40 98-SK1  | 58 | 0.83 |
| 40 98-SK1  | 58 | 0.83 |
| 40 98-SK6  | 58 | 1.74 |
| 40 98-SK6  | 58 | 1.74 |
| 40 SC1/2   | 58 | 2.5  |
| 40 SC1/2   | 58 | 2.5  |
| 40 97-SK23 | 58 | 2.61 |
| 40 97SK 22 | 58 | 2.61 |
| 40 97-SK23 | 58 | 2.61 |
| 40 97SK 22 | 58 | 2.61 |
| 40 98-SK13 | 58 | 2.91 |
| 40 98-SK13 | 58 | 2.91 |
| 40 98-SK24 | 58 | 2.95 |
| 40 98-SK24 | 58 | 2.95 |
| 40 97SK4   | 58 | 3.2  |
| 40 97SK4   | 58 | 3.2  |
| 40 98-ML7  | 58 | 3.39 |
| 40 98-ML7  | 58 | 3.39 |
| 40 98-ML2  | 58 | 3.44 |
| 40 98-ML2  | 58 | 3.44 |
| 40 97SK7   | 58 | 3.46 |
| 40 97SK7   | 58 | 3.46 |
| 40 98-SK20 | 58 | 4.51 |
| 40 98-SK20 | 58 | 4.51 |
| 40 SR-677  | 58 | 4.63 |
| 40 SR-677  | 58 | 4.63 |
| 40 98-SK36 | 58 | 5.21 |
| 40 98-SK36 | 58 | 5.21 |
| 40 97SK14  | 58 | 5.27 |
| 40 97SK14  | 58 | 5.27 |
| 40 GP-422  | 58 | 5.35 |
| 40 GP-422  | 58 | 5.35 |

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| 40 97AR18   | 58 | 5.36 |      |
| 40 97AR18   | 58 | 5.36 |      |
| 40 MLK3     | 58 | 5.91 |      |
| 40 MLK3     | 58 | 5.91 |      |
| 40 97AR5    | 58 | 7.02 |      |
| 40 97AR5    | 58 | 7.02 |      |
| 40 97AR9    | 58 | 7.06 |      |
| 40 97AR9    | 58 | 7.06 |      |
| 59 M0-1069  | 61 | 8.5  | 0.3  |
| 59 M0-1069  | 61 | 8.5  | 0.3  |
| 22 98IB-6   | 62 | 6.79 |      |
| 22 98IB-6   | 62 | 6.79 |      |
| 79 98IB-6   | 62 | 6.79 | 0.03 |
| 59 M0-1311  | 67 | 5.8  | 0.2  |
| 59 M0-1311  | 67 | 5.8  | 0.2  |
| 22 98IB-53  | 70 | 6.66 |      |
| 22 98IB-53  | 70 | 6.66 |      |
| 22 98IB-52  | 70 | 7.99 |      |
| 22 98IB-52  | 70 | 7.99 |      |
| 22 98IB-12  | 71 | 7.23 |      |
| 22 98IB-12  | 71 | 7.23 |      |
| 79 98IB-12  | 71 | 7.25 | 0.1  |
| 59 M0-975   | 72 | 6.8  | 0.2  |
| 59 M0-975   | 72 | 6.8  | 0.2  |
| 59 M0-1290  | 72 | 8.8  | 0.2  |
| 59 M0-1290  | 72 | 8.8  | 0.2  |
| 26 RM18     | 73 | 7.76 |      |
| 26 RM18     | 73 | 7.76 |      |
| 77 12LL14   | 73 | 7.35 |      |
| 77 12LL18   | 73 | 7.39 |      |
| 77 12HN13   | 73 | 7.51 |      |
| 34 95BR053  | 74 | 6.54 |      |
| 34 95BR053  | 74 | 6.54 |      |
| 34 95BR052  | 74 | 6.86 |      |
| 34 95BR052  | 74 | 6.86 |      |
| 22 98IB-5   | 75 | 6.89 |      |
| 22 98IB-5   | 75 | 6.89 |      |
| 26 97TY-022 | 75 | 6.78 |      |
| 26 97TY-022 | 75 | 6.78 |      |
| 26 97TY-020 | 75 | 7.94 |      |
| 26 97TY-020 | 75 | 7.94 |      |
| 26 97TY-019 | 75 | 8.01 |      |
| 26 97TY-019 | 75 | 8.01 |      |
| 26 97TY-021 | 75 | 8.91 |      |
| 26 97TY-021 | 75 | 8.91 |      |

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|-------------|----|------|------|
| 26 97TY-017 | 75 | 9.44 |      |
| 26 97TY-017 | 75 | 9.44 |      |
| 26 97TY-016 | 75 | 9.52 |      |
| 26 97TY-016 | 75 | 9.52 |      |
| 26 97TY-014 | 75 | 9.63 |      |
| 26 97TY-014 | 75 | 9.63 |      |
| 26 97TY-013 | 75 | 9.96 |      |
| 26 97TY-013 | 75 | 9.96 |      |
| 79 98IB-5   | 75 | 6.89 | 0.06 |
| 26 96BR-115 | 76 | 6.49 |      |
| 26 96BR-115 | 76 | 6.49 |      |
| 59 MO-1079  | 76 | 5.8  | 0.2  |
| 59 MO-1079  | 76 | 5.8  | 0.2  |
| 112 BB-55   | 78 | 6.76 |      |
| 22 98IB-56  | 80 | 5.31 |      |
| 22 98IB-56  | 80 | 5.31 |      |
| 26 96BS11.2 | 80 | 5.7  |      |
| 26 96BS11.2 | 80 | 5.7  |      |
| 26 96BS11.1 | 80 | 5.76 |      |
| 26 96BS11.1 | 80 | 5.76 |      |
| 26 96BS11.4 | 80 | 5.79 |      |
| 26 96BS11.4 | 80 | 5.79 |      |
| 26 96BS11.5 | 80 | 5.8  |      |
| 26 96BS11.5 | 80 | 5.8  |      |
| 26 96BS11.3 | 80 | 5.81 |      |
| 26 96BS11.3 | 80 | 5.81 |      |
| 26 RM4      | 80 | 9.89 |      |
| 26 RM4      | 80 | 9.89 |      |
| 79 98IB-56  | 80 | 5.31 | 0.01 |
| 79 98IB-53  | 80 | 6.66 | 0.07 |
| 79 98IB-24  | 80 | 7.26 | 0.03 |
| 79 98IB-52  | 80 | 7.99 | 0.05 |
| 31 94TH485  | 81 | 9.06 |      |
| 31 94TH485  | 81 | 9.06 |      |
| 34 1S114    | 81 | 6.21 |      |
| 34 1S114    | 81 | 6.21 |      |
| 34 1S115    | 81 | 6.51 |      |
| 34 1S115    | 81 | 6.51 |      |
| 34 L94-7    | 81 | 6.96 |      |
| 34 L94-7    | 81 | 6.96 |      |
| 31 IS 2000  | 83 | 7.95 |      |
| 31 IS 2000  | 83 | 7.95 |      |
| 31 WHIT     | 84 | 5.67 |      |
| 31 WHIT     | 84 | 5.67 |      |
| 34 A95-10   | 84 | 5.89 |      |

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| 34 A95-10       | 84     | 5.89 |      |
| 22 98IB-68      | 85     | 7.82 |      |
| 22 98IB-68      | 85     | 7.82 |      |
| 31 IS 1450      | 85     | 8.21 |      |
| 31 IS 1450      | 85     | 8.21 |      |
| 34 3S36         | 85     | 5.7  |      |
| 34 3S36         | 85     | 5.7  |      |
| 34 OW39         | 85     | 6.41 |      |
| 34 OW39         | 85     | 6.41 |      |
| 5 TT6           | 86     | 1.24 |      |
| 5 TT6           | 86     | 1.24 |      |
| 26 96BR-018     | 86     | 7.79 |      |
| 26 96BR-018     | 86     | 7.79 |      |
| 26 97BR-107     | 86     | 7.94 |      |
| 26 97BR-107     | 86     | 7.94 |      |
| 26 97BR-105     | 86     | 8.05 |      |
| 26 97BR-105     | 86     | 8.05 |      |
| 26 97BR-108     | 86     | 8.1  |      |
| 26 97BR-108     | 86     | 8.1  |      |
| 26 96BR-019     | 86     | 8.18 |      |
| 26 96BR-019     | 86     | 8.18 |      |
| 26 97BR-106     | 86     | 8.34 |      |
| 26 97BR-106     | 86     | 8.34 |      |
| 33 3S37         | 86     | 8.39 |      |
| 33 3S37         | 86     | 8.39 |      |
| 34 1S124        | 86     | 6.11 |      |
| 34 1S124        | 86     | 6.11 |      |
| 34 1S120        | 86     | 6.17 |      |
| 34 1S120        | 86     | 6.17 |      |
| 34 1S138        | 86     | 6.5  |      |
| 34 1S138        | 86     | 6.5  |      |
| 34 1S136        | 86     | 6.52 |      |
| 34 1S136        | 86     | 6.52 |      |
| 34 1S137        | 86     | 6.68 |      |
| 34 1S137        | 86     | 6.68 |      |
| 92 PX10-175-5.1 | 86.862 | 3.47 | 0.05 |
| 92 PX10-175-3.1 | 86.862 | 6.08 | 0.06 |
| 92 PX10-175-3.2 | 86.862 | 6.27 | 0.02 |
| 92 PX10-175-4.1 | 86.862 | 6.27 | 0.06 |
| 92 PX10-175-8.1 | 86.862 | 6.46 | 0.04 |
| 92 PX10-175-1.1 | 86.862 | 6.79 | 0.04 |
| 92 PX10-175-7.1 | 86.862 | 6.91 | 0.05 |
| 92 PX10-175-2.1 | 86.862 | 6.99 | 0.05 |
| 92 PX10-175-5.2 | 86.862 | 7.04 | 0.05 |
| 92 PX10-175-6.1 | 86.862 | 7.24 | 0.04 |



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|------------------|--------|------|------|
| 92 PX10-175-4.2  | 86.862 | 7.66 | 0.04 |
| 92 PX10-221-4.1  | 87.872 | 6.23 | 0.05 |
| 92 PX10-221-5.2  | 87.872 | 6.37 | 0.04 |
| 92 PX10-221-4.2  | 87.872 | 6.41 | 0.04 |
| 92 PX10-221-2.1  | 87.872 | 6.45 | 0.06 |
| 92 PX10-221-7.2  | 87.872 | 6.63 | 0.05 |
| 92 PX10-221-6.1  | 87.872 | 6.68 | 0.03 |
| 92 PX10-221-8.2  | 87.872 | 6.68 | 0.07 |
| 92 PX10-221-8.1  | 87.872 | 6.84 | 0.05 |
| 92 PX10-221-1.1  | 87.872 | 6.89 | 0.06 |
| 92 PX10-221-9.1  | 87.872 | 6.97 | 0.06 |
| 92 PX10-221-5.1  | 87.872 | 6.98 | 0.07 |
| 92 PX10-221-7.1  | 87.872 | 7.09 | 0.03 |
| 92 PX10-221-3.1  | 87.872 | 7.12 | 0.12 |
| 92 PX10-221-10.1 | 87.872 | 7.26 | 0.06 |
| 31 LEG 91-536    | 88     | 5.99 |      |
| 31 LEG 91-536    | 88     | 5.99 |      |
| 34 68M15         | 88     | 5.9  |      |
| 34 68M15         | 88     | 5.9  |      |
| 79 98IB-68       | 88     | 7.82 | 0.06 |
| 34 M95-79        | 88.1   | 6.3  |      |
| 34 M95-79        | 88.1   | 6.3  |      |
| 34 1S117         | 88.1   | 6.31 |      |
| 34 M95-81        | 88.1   | 6.31 |      |
| 34 1S117         | 88.1   | 6.31 |      |
| 34 M95-81        | 88.1   | 6.31 |      |
| 34 M95-28        | 88.1   | 6.34 |      |
| 34 M95-28        | 88.1   | 6.34 |      |
| 34 M95-40        | 88.1   | 6.39 |      |
| 34 M95-40        | 88.1   | 6.39 |      |
| 34 1S113         | 88.1   | 6.43 |      |
| 34 1S113         | 88.1   | 6.43 |      |
| 34 1S101         | 88.1   | 6.49 |      |
| 34 1S101         | 88.1   | 6.49 |      |
| 34 1S112         | 88.1   | 6.51 |      |
| 34 1S112         | 88.1   | 6.51 |      |
| 32 99LV655       | 89     | 6.43 |      |
| 32 99LV655       | 89     | 6.43 |      |
| 34 KC14          | 89     | 5.33 |      |
| 34 KC14          | 89     | 5.33 |      |
| 34 KC14-2        | 89     | 5.47 |      |
| 34 KC14-2        | 89     | 5.47 |      |
| 34 1S121         | 89     | 6.19 |      |
| 34 1S121         | 89     | 6.19 |      |
| 34 1S123         | 89     | 6.32 |      |

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|----------------|--------|------|------|
| 34 1S123       | 89     | 6.32 |      |
| 92 PX10-86-4.1 | 89.183 | 6.24 | 0.07 |
| 92 PX10-86-3.1 | 89.183 | 6.65 | 0.05 |
| 92 PX10-86-9.1 | 89.183 | 6.71 | 0.07 |
| 92 PX10-86-8.1 | 89.183 | 6.72 | 0.06 |
| 92 PX10-86-5.1 | 89.183 | 6.86 | 0.05 |
| 92 PX10-86-2.1 | 89.183 | 6.94 | 0.06 |
| 92 PX10-86-7.1 | 89.183 | 7.05 | 0.03 |
| 92 PX10-86-7.2 | 89.183 | 7.17 | 0.05 |
| 92 PX10-86-6.1 | 89.183 | 7.35 | 0.05 |
| 92 PX10-86-4.2 | 89.183 | 7.46 | 0.06 |
| 92 PX10-86-1.2 | 89.183 | 7.71 | 0.06 |
| 22 98IB-40     | 90     | 7.41 |      |
| 22 98IB-40     | 90     | 7.41 |      |
| 22 98IB-34     | 90     | 7.61 |      |
| 22 98IB-34     | 90     | 7.61 |      |
| 22 98IB-39     | 90     | 7.63 |      |
| 22 98IB-39     | 90     | 7.63 |      |
| 26 95BS-E      | 90     | 6    |      |
| 26 95BS-E      | 90     | 6    |      |
| 26 95BS-C      | 90     | 6.09 |      |
| 26 95BS-C      | 90     | 6.09 |      |
| 26 95BS-D      | 90     | 6.22 |      |
| 26 95BS-D      | 90     | 6.22 |      |
| 26 95BS-A      | 90     | 6.25 |      |
| 26 95BS-A      | 90     | 6.25 |      |
| 26 95BS-B      | 90     | 6.67 |      |
| 26 95BS-B      | 90     | 6.67 |      |
| 31 IS703       | 90     | 7.66 |      |
| 31 IS703       | 90     | 7.66 |      |
| 31 91TH181     | 90     | 7.91 |      |
| 31 91TH181     | 90     | 7.91 |      |
| 31 TC27        | 90     | 9.41 |      |
| 31 TC27        | 90     | 9.41 |      |
| 33 1S67        | 90     | 7.5  |      |
| 33 1S67        | 90     | 7.5  |      |
| 33 1S52        | 90     | 7.51 |      |
| 33 1S52        | 90     | 7.51 |      |
| 33 1S53        | 90     | 7.53 |      |
| 33 1S53        | 90     | 7.53 |      |
| 33 1S77        | 90     | 7.63 |      |
| 33 1S77        | 90     | 7.63 |      |
| 33 1S79        | 90     | 7.67 |      |
| 33 1S79        | 90     | 7.67 |      |
| 33 1S80        | 90     | 7.72 |      |

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|------------|----|------|
| 33 1S80    | 90 | 7.72 |
| 33 1S82    | 90 | 7.73 |
| 33 1S82    | 90 | 7.73 |
| 33 1S51    | 90 | 7.76 |
| 33 1S81    | 90 | 7.76 |
| 33 1S51    | 90 | 7.76 |
| 33 1S81    | 90 | 7.76 |
| 33 1S58    | 90 | 7.77 |
| 33 1S58    | 90 | 7.77 |
| 33 1S54    | 90 | 7.81 |
| 33 1S54    | 90 | 7.81 |
| 33 3S51    | 90 | 8.02 |
| 33 3S51    | 90 | 8.02 |
| 34 1S87    | 90 | 5.52 |
| 34 1S87    | 90 | 5.52 |
| 34 1S131   | 90 | 5.78 |
| 34 1S131   | 90 | 5.78 |
| 34 1S86    | 90 | 6.14 |
| 34 1S86    | 90 | 6.14 |
| 34 F3      | 90 | 6.25 |
| 34 F3      | 90 | 6.25 |
| 34 95BR066 | 90 | 6.38 |
| 34 95BR066 | 90 | 6.38 |
| 34 96-14   | 90 | 6.49 |
| 34 96-14   | 90 | 6.49 |
| 34 96-15   | 90 | 6.51 |
| 34 96-15   | 90 | 6.51 |
| 34 95BR067 | 90 | 6.55 |
| 34 95BR067 | 90 | 6.55 |
| 34 K2      | 90 | 6.56 |
| 34 K2      | 90 | 6.56 |
| 34 95BR056 | 90 | 6.57 |
| 34 95BR056 | 90 | 6.57 |
| 34 96-13   | 90 | 6.63 |
| 34 96-13   | 90 | 6.63 |
| 34 96-10   | 90 | 6.64 |
| 34 96-10   | 90 | 6.64 |
| 34 96-17   | 90 | 6.65 |
| 34 F4      | 90 | 6.65 |
| 34 96-17   | 90 | 6.65 |
| 34 F4      | 90 | 6.65 |
| 34 96-16   | 90 | 6.68 |
| 34 96-16   | 90 | 6.68 |
| 34 96-11   | 90 | 6.76 |
| 34 96-11   | 90 | 6.76 |

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|-----------------|--------|------|------|
| 34 95BR068      | 90     | 6.78 |      |
| 34 95BR068      | 90     | 6.78 |      |
| 34 97WM064      | 90     | 6.82 |      |
| 34 97WM064      | 90     | 6.82 |      |
| 34 97WM065      | 90     | 6.92 |      |
| 34 97WM065      | 90     | 6.92 |      |
| 34 97WM066      | 90     | 6.95 |      |
| 34 97WM066      | 90     | 6.95 |      |
| 34 95BR055      | 90     | 7.03 |      |
| 34 95BR055      | 90     | 7.03 |      |
| 34 F7f          | 90     | 7.06 |      |
| 34 F7f          | 90     | 7.06 |      |
| 34 96-18        | 90     | 7.07 |      |
| 34 96-18        | 90     | 7.07 |      |
| 34 95-18        | 90     | 7.18 |      |
| 34 95-18        | 90     | 7.18 |      |
| 34 96-12        | 90     | 7.2  |      |
| 34 96-12        | 90     | 7.2  |      |
| 34 1S84         | 90     | 7.36 |      |
| 34 F6           | 90     | 7.36 |      |
| 34 1S84         | 90     | 7.36 |      |
| 34 F6           | 90     | 7.36 |      |
| 34 95BR054      | 90     | 7.48 |      |
| 34 95BR054      | 90     | 7.48 |      |
| 34 3S48         | 90     | 7.54 |      |
| 34 3S48         | 90     | 7.54 |      |
| 34 95-9         | 90     | 8.25 |      |
| 34 95-9         | 90     | 8.25 |      |
| 92 PX10-76-7.1  | 90.345 | 6.23 | 0.08 |
| 92 PX10-76-4.1  | 90.345 | 6.31 | 0.08 |
| 92 PX10-76-6.1  | 90.345 | 6.49 | 0.04 |
| 92 PX10-76-9.1  | 90.345 | 6.59 | 0.04 |
| 92 PX10-76-5.1  | 90.345 | 6.6  | 0.06 |
| 92 PX10-76-10.1 | 90.345 | 6.6  | 0.09 |
| 92 PX10-76-1.1  | 90.345 | 6.67 | 0.06 |
| 92 PX10-76-8.1  | 90.345 | 6.76 | 0.1  |
| 92 PX10-76-2.1  | 90.345 | 6.99 | 0.04 |
| 92 PX10-76-3.1  | 90.345 | 7.05 | 0.09 |
| 92 PX10-76-11.1 | 90.345 | 7.06 | 0.06 |
| 34 1S110        | 90.7   | 6.3  |      |
| 34 1S110        | 90.7   | 6.3  |      |
| 34 1S116        | 90.7   | 6.38 |      |
| 34 1S116        | 90.7   | 6.38 |      |
| 34 1S109        | 90.7   | 6.51 |      |
| 34 1S109        | 90.7   | 6.51 |      |

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|--------------|--------|------|------|
| 34 SQ67      | 91     | 5.83 |      |
| 34 SQ67      | 91     | 5.83 |      |
| 34 1S135     | 91     | 6.17 |      |
| 34 1S135     | 91     | 6.17 |      |
| 34 1S139     | 91     | 6.44 |      |
| 34 1S139     | 91     | 6.44 |      |
| 92 MAF-1-2.1 | 91.755 | 6.32 | 0.06 |
| 92 MAF-1-4.1 | 91.755 | 6.4  | 0.05 |
| 92 MAF-1-2.2 | 91.755 | 6.45 | 0.05 |
| 92 MAF-1-6.1 | 91.755 | 6.5  | 0.04 |
| 92 MAF-1-1.1 | 91.755 | 6.5  | 0.05 |
| 92 MAF-1-7.1 | 91.755 | 6.56 | 0.06 |
| 92 MAF-1-5.1 | 91.755 | 6.65 | 0.09 |
| 92 MAF-1-3.1 | 91.755 | 6.89 | 0.06 |
| 26 97TY-024  | 92     | 7.36 |      |
| 26 97TY-024  | 92     | 7.36 |      |
| 26 97TY-023  | 92     | 7.37 |      |
| 26 97TY-023  | 92     | 7.37 |      |
| 34 1S130     | 92     | 5.84 |      |
| 34 1S88      | 92     | 5.84 |      |
| 34 1S130     | 92     | 5.84 |      |
| 34 1S88      | 92     | 5.84 |      |
| 34 K1        | 92     | 6.46 |      |
| 34 K1        | 92     | 6.46 |      |
| 34 1S105     | 92.9   | 6.13 |      |
| 34 1S105     | 92.9   | 6.13 |      |
| 34 1S111     | 92.9   | 6.17 |      |
| 34 1S111     | 92.9   | 6.17 |      |
| 34 1S104     | 92.9   | 6.27 |      |
| 34 1S104     | 92.9   | 6.27 |      |
| 34 1S118     | 92.9   | 6.3  |      |
| 34 1S118     | 92.9   | 6.3  |      |
| 34 Y3        | 92.9   | 6.41 |      |
| 34 Y3        | 92.9   | 6.41 |      |
| 34 Y4        | 92.9   | 6.45 |      |
| 34 Y4        | 92.9   | 6.45 |      |
| 34 Y2        | 92.9   | 6.56 |      |
| 34 Y2        | 92.9   | 6.56 |      |
| 31 94TH473A  | 93     | 8.56 |      |
| 31 94TH473A  | 93     | 8.56 |      |
| 34 95BR073   | 93     | 5.55 |      |
| 34 95BR073   | 93     | 5.55 |      |
| 34 1S129     | 93     | 5.65 |      |
| 34 1S129     | 93     | 5.65 |      |
| 34 95BR035   | 93     | 5.98 |      |

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|-------------|------|------|------|
| 34 95BR035  | 93   | 5.98 |      |
| 34 95BR075  | 93   | 6.01 |      |
| 34 95BR075  | 93   | 6.01 |      |
| 34 95BR077  | 93   | 6.07 |      |
| 34 95BR077  | 93   | 6.07 |      |
| 34 1S41     | 93   | 7.4  |      |
| 34 1S41     | 93   | 7.4  |      |
| 34 1S119    | 93.1 | 6.2  |      |
| 34 1S119    | 93.1 | 6.2  |      |
| 34 95-5     | 93.1 | 6.23 |      |
| 34 95-5     | 93.1 | 6.23 |      |
| 34 1S107    | 93.1 | 6.29 |      |
| 34 1S107    | 93.1 | 6.29 |      |
| 34 1S108    | 93.1 | 6.35 |      |
| 34 1S108    | 93.1 | 6.35 |      |
| 34 1S106    | 93.1 | 6.39 |      |
| 34 1S106    | 93.1 | 6.39 |      |
| 5 TT6       | 94   | 3.34 |      |
| 5 TT6       | 94   | 3.34 |      |
| 22 98IB-11  | 94   | 7.53 |      |
| 22 98IB-11  | 94   | 7.53 |      |
| 79 98IB-11  | 94   | 7.53 | 0.15 |
| 31 88SS1    | 95   | 8.18 |      |
| 31 88SS1    | 95   | 8.18 |      |
| 31 94TH486  | 95   | 8.61 |      |
| 31 94TH486  | 95   | 8.61 |      |
| 34 6-124    | 95   | 4.65 |      |
| 34 6-124    | 95   | 4.65 |      |
| 10 2641-54  | 96   | 6.2  | 0.3  |
| 10 2641-54  | 96   | 6.2  | 0.3  |
| 26 97TY-027 | 96   | 7.7  |      |
| 26 97TY-027 | 96   | 7.7  |      |
| 26 97TY-029 | 96   | 7.73 |      |
| 26 97TY-029 | 96   | 7.73 |      |
| 26 97TY-028 | 96   | 7.84 |      |
| 26 97TY-028 | 96   | 7.84 |      |
| 26 97TY-026 | 96   | 7.89 |      |
| 26 97TY-026 | 96   | 7.89 |      |
| 26 97TY-025 | 96   | 7.93 |      |
| 26 97TY-025 | 96   | 7.93 |      |
| 31 93TH385  | 96   | 9.54 |      |
| 31 93TH385  | 96   | 9.54 |      |
| 33 1S66     | 96   | 7.62 |      |
| 33 1S66     | 96   | 7.62 |      |
| 34 95BR069  | 96   | 5.98 |      |

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| 34 95BR069 | 96 | 5.98 |     |
| 34 95BR032 | 96 | 6.07 |     |
| 34 95BR032 | 96 | 6.07 |     |
| 34 95BR071 | 96 | 6.59 |     |
| 34 95BR071 | 96 | 6.59 |     |
| 34 95BR038 | 96 | 6.69 |     |
| 34 95BR038 | 96 | 6.69 |     |
| 34 95BR040 | 96 | 6.7  |     |
| 34 95BR040 | 96 | 6.7  |     |
| 34 95BR037 | 96 | 6.75 |     |
| 34 95BR037 | 96 | 6.75 |     |
| 59 MO-1033 | 96 | 6.1  | 0.3 |
| 59 MO-1033 | 96 | 6.1  | 0.3 |
| 5 RNZ49    | 97 | 5.97 |     |
| 5 RNZ49    | 97 | 5.97 |     |
| 31 TC15    | 97 | 7.37 |     |
| 31 TC15    | 97 | 7.37 |     |
| 31 93TH254 | 97 | 7.95 |     |
| 31 93TH254 | 97 | 7.95 |     |
| 31 TC40    | 97 | 8.42 |     |
| 31 TC40    | 97 | 8.42 |     |
| 34 KC15    | 97 | 5.99 |     |
| 34 KC15    | 97 | 5.99 |     |
| 34 KC2     | 97 | 6.1  |     |
| 34 KC2     | 97 | 6.1  |     |
| 34 3S28    | 97 | 6.28 |     |
| 34 3S28    | 97 | 6.28 |     |
| 34 K4      | 97 | 6.5  |     |
| 34 K4      | 97 | 6.5  |     |
| 34 SQ22    | 97 | 6.75 |     |
| 34 SQ22    | 97 | 6.75 |     |
| 34 SQ13    | 97 | 6.8  |     |
| 34 SQ13    | 97 | 6.8  |     |
| 34 SQ5     | 97 | 7.42 |     |
| 34 SQ5     | 97 | 7.42 |     |
| 31 TC42    | 98 | 7.36 |     |
| 31 TC42    | 98 | 7.36 |     |
| 31 IS711   | 98 | 7.8  |     |
| 31 IS711   | 98 | 7.8  |     |
| 31 82SS17  | 98 | 8.88 |     |
| 31 82SS17  | 98 | 8.88 |     |
| 33 1S23    | 98 | 7.86 |     |
| 33 1S23    | 98 | 7.86 |     |
| 33 1S18    | 98 | 7.87 |     |
| 33 1S18    | 98 | 7.87 |     |

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| 33 1S30    | 98 | 7.97 |
| 33 1S30    | 98 | 7.97 |
| 33 1S20    | 98 | 8.02 |
| 33 1S20    | 98 | 8.02 |
| 33 1S24    | 98 | 8.03 |
| 33 1S24    | 98 | 8.03 |
| 33 1S19    | 98 | 8.29 |
| 33 1S21    | 98 | 8.29 |
| 33 1S19    | 98 | 8.29 |
| 33 1S21    | 98 | 8.29 |
| 33 1S28    | 98 | 8.44 |
| 33 1S28    | 98 | 8.44 |
| 33 1S29    | 98 | 8.51 |
| 33 1S29    | 98 | 8.51 |
| 33 1S27    | 98 | 8.97 |
| 33 1S27    | 98 | 8.97 |
| 34 SQ46    | 98 | 6.62 |
| 34 SQ46    | 98 | 6.62 |
| 34 SQ48    | 98 | 6.69 |
| 34 SQ48    | 98 | 6.69 |
| 34 SQ12    | 98 | 6.73 |
| 34 SQ12    | 98 | 6.73 |
| 34 W34     | 98 | 7.11 |
| 34 W34     | 98 | 7.11 |
| 34 95-15   | 98 | 7.4  |
| 34 95-15   | 98 | 7.4  |
| 34 3S34    | 98 | 7.53 |
| 34 3S34    | 98 | 7.53 |
| 63 98KQ05  | 98 | 4.01 |
| 63 98KQ05  | 98 | 4.01 |
| 63 98KQ03  | 98 | 4.39 |
| 63 98KQ03  | 98 | 4.39 |
| 63 98KQ27  | 98 | 4.49 |
| 63 98KQ27  | 98 | 4.49 |
| 63 98KQ21  | 98 | 4.65 |
| 63 98KQ21  | 98 | 4.65 |
| 69 08JH324 | 98 | 5.74 |
| 31 ISP 182 | 99 | 6.66 |
| 31 ISP 182 | 99 | 6.66 |
| 33 1S5     | 99 | 7.15 |
| 33 1S5     | 99 | 7.15 |
| 34 1S134   | 99 | 5.78 |
| 34 1S134   | 99 | 5.78 |
| 34 1S133   | 99 | 5.89 |
| 34 1S133   | 99 | 5.89 |



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| 34 KC5      | 99  | 7.38 |      |
| 34 KC5      | 99  | 7.38 |      |
| 34 KC18     | 99  | 7.44 |      |
| 34 KC18     | 99  | 7.44 |      |
| 34 SQ15     | 99  | 7.48 |      |
| 34 SQ15     | 99  | 7.48 |      |
| 34 3S27     | 99  | 8.25 |      |
| 34 3S27     | 99  | 8.25 |      |
| 22 98IB-22  | 100 | 5.72 |      |
| 22 98IB-22  | 100 | 5.72 |      |
| 22 98IB-31  | 100 | 5.78 |      |
| 22 98IB-31  | 100 | 5.78 |      |
| 22 98IB-33  | 100 | 6.33 |      |
| 22 98IB-33  | 100 | 6.33 |      |
| 31 CM22b    | 100 | 7.71 |      |
| 31 CM22b    | 100 | 7.71 |      |
| 31 CM9      | 100 | 7.77 |      |
| 31 CM9      | 100 | 7.77 |      |
| 31 CM26     | 100 | 7.83 |      |
| 31 CM26     | 100 | 7.83 |      |
| 31 82SS18   | 100 | 9.21 |      |
| 31 82SS18   | 100 | 9.21 |      |
| 34 SQ61     | 100 | 6.75 |      |
| 34 SQ61     | 100 | 6.75 |      |
| 34 SQ57     | 100 | 7.04 |      |
| 34 W21      | 100 | 7.04 |      |
| 34 SQ57     | 100 | 7.04 |      |
| 34 W21      | 100 | 7.04 |      |
| 34 3S29     | 100 | 7.07 |      |
| 34 3S29     | 100 | 7.07 |      |
| 34 SQ75     | 100 | 7.12 |      |
| 34 SQ75     | 100 | 7.12 |      |
| 34 SQ9      | 100 | 7.18 |      |
| 34 SQ9      | 100 | 7.18 |      |
| 34 W4 (mag) | 100 | 7.77 |      |
| 34 W4 (mag) | 100 | 7.77 |      |
| 79 01IB-22  | 100 | 5.72 | 0.03 |
| 79 01IB-18  | 100 | 5.75 | 0.01 |
| 79 98IB-31  | 100 | 5.78 |      |
| 79 98IB-33  | 100 | 6.33 | 0.05 |
| 79 01IB-15  | 100 | 6.42 | 0.03 |
| 79 01IB-5   | 100 | 6.62 | 0.07 |
| 79 01IB-16  | 100 | 6.7  |      |
| 79 98IB-40  | 100 | 7.41 | 0.04 |
| 79 01IB-3   | 100 | 7.62 | 0.03 |

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| 79 01IB-1    | 100 | 7.66 | 0.01 |
| 79 98IB-39   | 100 | 7.67 | 0.03 |
| 79 98IB-34   | 100 | 7.75 | 0.11 |
| 79 01IB-6    | 100 | 7.76 | 0.01 |
| 79 01IB-8    | 100 | 8.34 | 0.01 |
| 80 01IB-22   | 100 | 5.72 |      |
| 80 01IB-22   | 100 | 5.72 |      |
| 80 01IB-18   | 100 | 5.75 |      |
| 80 01IB-18   | 100 | 5.75 |      |
| 80 01IB-15   | 100 | 6.42 |      |
| 80 01IB-15   | 100 | 6.42 |      |
| 80 01IB-5    | 100 | 6.62 |      |
| 80 01IB-5    | 100 | 6.62 |      |
| 80 01IB-16   | 100 | 6.7  |      |
| 80 01IB-16   | 100 | 6.7  |      |
| 80 01IB-3    | 100 | 7.62 |      |
| 80 01IB-3    | 100 | 7.62 |      |
| 80 01IB-1    | 100 | 7.66 |      |
| 80 01IB-1    | 100 | 7.66 |      |
| 80 01IB-6    | 100 | 7.76 |      |
| 80 01IB-6    | 100 | 7.76 |      |
| 80 01IB-8    | 100 | 8.34 |      |
| 80 01IB-8    | 100 | 8.34 |      |
| 5 TT6        | 101 | 1.69 |      |
| 5 TT6        | 101 | 1.69 |      |
| 10 2606-53   | 101 | 5.3  | 0.4  |
| 10 2606-53   | 101 | 5.3  | 0.4  |
| 10 2606-29   | 101 | 6.2  | 0.4  |
| 10 2606-29   | 101 | 6.2  | 0.4  |
| 31 CM25      | 101 | 7.28 |      |
| 31 CM25      | 101 | 7.28 |      |
| 31 GV3       | 101 | 7.45 |      |
| 31 GV3       | 101 | 7.45 |      |
| 31 IS1400    | 101 | 7.94 |      |
| 31 IS1400    | 101 | 7.94 |      |
| 31 94TH453   | 101 | 7.99 |      |
| 31 94TH453   | 101 | 7.99 |      |
| 34 W18       | 101 | 6.82 |      |
| 34 W18       | 101 | 6.82 |      |
| 10 2606-10   | 102 | 5.6  | 0.4  |
| 10 2606-10   | 102 | 5.6  | 0.4  |
| 31 L5P334A   | 102 | 5.07 |      |
| 31 L5P334A   | 102 | 5.07 |      |
| 31 82CNK107A | 102 | 5.55 |      |
| 31 82CNK107A | 102 | 5.55 |      |

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| 31 WR 21 Z   | 102 | 6. 17 |
| 31 WR 21 Z   | 102 | 6. 17 |
| 31 WR86      | 102 | 6. 98 |
| 31 WR86      | 102 | 6. 98 |
| 31 WR84a     | 102 | 7. 11 |
| 31 WR84a     | 102 | 7. 11 |
| 31 TL197     | 102 | 7. 15 |
| 31 TL197     | 102 | 7. 15 |
| 31 82JB2     | 102 | 7. 38 |
| 31 82JB2     | 102 | 7. 38 |
| 34 F8        | 102 | 6. 56 |
| 34 F8        | 102 | 6. 56 |
| 34 95-14     | 102 | 6. 59 |
| 34 95-14     | 102 | 6. 59 |
| 34 1S90      | 102 | 6. 64 |
| 34 95-13     | 102 | 6. 64 |
| 34 1S90      | 102 | 6. 64 |
| 34 95-13     | 102 | 6. 64 |
| 34 95-1      | 102 | 6. 75 |
| 34 95-1      | 102 | 6. 75 |
| 34 95-12     | 102 | 6. 76 |
| 34 95-12     | 102 | 6. 76 |
| 34 95-11     | 102 | 6. 83 |
| 34 95-11     | 102 | 6. 83 |
| 34 95-10     | 102 | 6. 9  |
| 34 95-10     | 102 | 6. 9  |
| 34 YOS - 206 | 102 | 6. 97 |
| 34 YOS - 206 | 102 | 6. 97 |
| 34 F9        | 102 | 7. 03 |
| 34 F9        | 102 | 7. 03 |
| 34 SQ7       | 102 | 7. 05 |
| 34 SQ7       | 102 | 7. 05 |
| 34 96-24     | 102 | 7. 08 |
| 34 96-24     | 102 | 7. 08 |
| 34 96-9      | 102 | 7. 28 |
| 34 96-9      | 102 | 7. 28 |
| 34 95-17     | 102 | 7. 32 |
| 34 95-17     | 102 | 7. 32 |
| 34 95-16     | 102 | 7. 35 |
| 34 95-16     | 102 | 7. 35 |
| 34 96-6      | 102 | 7. 42 |
| 34 96-6      | 102 | 7. 42 |
| 34 F9. 5     | 102 | 7. 43 |
| 34 W19       | 102 | 7. 43 |
| 34 F9. 5     | 102 | 7. 43 |

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|--------------|-----|------|-----|
| 34 W19       | 102 | 7.43 |     |
| 34 96-5      | 102 | 7.44 |     |
| 34 96-5      | 102 | 7.44 |     |
| 34 96-8      | 102 | 7.49 |     |
| 34 96-8      | 102 | 7.49 |     |
| 34 95-2      | 102 | 7.58 |     |
| 34 96-7      | 102 | 7.58 |     |
| 34 95-2      | 102 | 7.58 |     |
| 34 96-7      | 102 | 7.58 |     |
| 10 2606-09   | 103 | 5    | 0.4 |
| 10 2606-09   | 103 | 5    | 0.4 |
| 31 82CNK108A | 103 | 7.41 |     |
| 31 82CNK108A | 103 | 7.41 |     |
| 34 OW4       | 103 | 5.15 |     |
| 34 OW4       | 103 | 5.15 |     |
| 34 OW34      | 103 | 5.33 |     |
| 34 OW34      | 103 | 5.33 |     |
| 34 YOS - 1   | 103 | 6.54 |     |
| 34 YOS - 1   | 103 | 6.54 |     |
| 34 96-21     | 103 | 6.62 |     |
| 34 96-21     | 103 | 6.62 |     |
| 34 YOS - 104 | 103 | 6.68 |     |
| 34 YOS - 104 | 103 | 6.68 |     |
| 34 96-19     | 103 | 6.73 |     |
| 34 96-20     | 103 | 6.73 |     |
| 34 96-19     | 103 | 6.73 |     |
| 34 96-20     | 103 | 6.73 |     |
| 34 95-6      | 103 | 7.01 |     |
| 34 95-6      | 103 | 7.01 |     |
| 34 96-4      | 103 | 7.28 |     |
| 34 96-4      | 103 | 7.28 |     |
| 34 96-3      | 103 | 7.59 |     |
| 34 96-3      | 103 | 7.59 |     |
| 34 96-2      | 103 | 7.65 |     |
| 34 96-2      | 103 | 7.65 |     |
| 69 08JH318   | 103 | 5.68 |     |
| 69 08JH326   | 103 | 5.81 |     |
| 69 08JH328   | 103 | 5.84 |     |
| 5 RNZ49      | 104 | 7.86 |     |
| 5 RNZ49      | 104 | 7.86 |     |
| 10 2606-08   | 104 | 4.5  | 0.4 |
| 10 2606-08   | 104 | 4.5  | 0.4 |
| 34 YOS - 180 | 104 | 5.43 |     |
| 34 YOS - 180 | 104 | 5.43 |     |
| 34 1S103     | 104 | 6.46 |     |

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| 34 1S103    | 104 | 6.46 |     |
| 34 W32      | 104 | 7.13 |     |
| 34 W32      | 104 | 7.13 |     |
| 10 2606-49  | 105 | 4.9  | 0.4 |
| 10 2606-49  | 105 | 4.9  | 0.4 |
| 10 2606-33b | 105 | 5.3  | 0.4 |
| 10 2606-33b | 105 | 5.3  | 0.4 |
| 31 L5P333A  | 105 | 4.97 |     |
| 31 L5P333A  | 105 | 4.97 |     |
| 31 L4P236A  | 105 | 5.4  |     |
| 31 L4P236A  | 105 | 5.4  |     |
| 31 GV1A     | 105 | 6.67 |     |
| 31 GV1A     | 105 | 6.67 |     |
| 31 89KK2    | 105 | 7.21 |     |
| 31 89KK2    | 105 | 7.21 |     |
| 31 89KK4    | 105 | 7.34 |     |
| 31 89KK4    | 105 | 7.34 |     |
| 31 82JB1    | 105 | 7.74 |     |
| 31 82JB1    | 105 | 7.74 |     |
| 31 91TH125B | 105 | 7.77 |     |
| 31 91TH125B | 105 | 7.77 |     |
| 31 IS93     | 105 | 8.5  |     |
| 31 IS93     | 105 | 8.5  |     |
| 34 1S127    | 105 | 6.02 |     |
| 34 1S127    | 105 | 6.02 |     |
| 34 W36      | 105 | 7.15 |     |
| 34 W36      | 105 | 7.15 |     |
| 59 M0-1034  | 105 | 7.2  | 0.2 |
| 59 M0-1034  | 105 | 7.2  | 0.2 |
| 26 Kdp      | 106 | 5.55 |     |
| 26 Kdp      | 106 | 5.55 |     |
| 26 Kdp      | 106 | 5.55 |     |
| 26 Kdp      | 106 | 5.55 |     |
| 31 82JB 004 | 106 | 7.32 |     |
| 31 82JB 004 | 106 | 7.32 |     |
| 5 RNZ49     | 107 | 5.9  |     |
| 5 RNZ49     | 107 | 5.9  |     |
| 10 2606-26  | 107 | 4.9  | 0.4 |
| 10 2606-26  | 107 | 4.9  | 0.4 |
| 10 2606-33a | 107 | 5.4  | 0.4 |
| 10 2606-33a | 107 | 5.4  | 0.4 |
| 5 RNZ20     | 108 | 2.07 |     |
| 5 RNZ20     | 108 | 2.07 |     |
| 10 2606-17  | 108 | 4    | 0.4 |
| 10 2606-17  | 108 | 4    | 0.4 |

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|------------|-----|------|-----|
| 10 2606-25 | 108 | 5.2  | 0.5 |
| 10 2606-25 | 108 | 5.2  | 0.5 |
| 10 2606-45 | 108 | 5.3  | 0.4 |
| 10 2606-45 | 108 | 5.3  | 0.4 |
| 34 W31     | 108 | 7.08 |     |
| 34 W31     | 108 | 7.08 |     |
| 34 KC16    | 108 | 7.1  |     |
| 34 KC16    | 108 | 7.1  |     |
| 5 TT6      | 109 | 0.97 |     |
| 5 TT6      | 109 | 0.97 |     |
| 5 RNZ83    | 110 | 5.15 |     |
| 5 RNZ83    | 110 | 5.15 |     |
| 5 RNZ83    | 110 | 5.19 |     |
| 5 RNZ83    | 110 | 5.19 |     |
| 10 2606-48 | 110 | 5.1  | 0.4 |
| 10 2606-48 | 110 | 5.1  | 0.4 |
| 31 I 14    | 110 | 5.47 |     |
| 31 I 14    | 110 | 5.47 |     |
| 31 PC35    | 110 | 7.79 |     |
| 31 PC35    | 110 | 7.79 |     |
| 33 1S2     | 110 | 7.64 |     |
| 33 1S2     | 110 | 7.64 |     |
| 33 1S3     | 110 | 7.89 |     |
| 33 1S3     | 110 | 7.89 |     |
| 33 1S1     | 110 | 7.93 |     |
| 33 1S1     | 110 | 7.93 |     |
| 33 1S4     | 110 | 8.25 |     |
| 33 1S4     | 110 | 8.25 |     |
| 34 KC11    | 110 | 7.64 |     |
| 34 KC11    | 110 | 7.64 |     |
| 34 KC6     | 110 | 7.67 |     |
| 34 KC6     | 110 | 7.67 |     |
| 34 F11     | 110 | 7.7  |     |
| 34 F11     | 110 | 7.7  |     |
| 5 NF3      | 111 | 3.77 |     |
| 5 NF3      | 111 | 3.77 |     |
| 5 RNZ49    | 111 | 5.33 |     |
| 5 RNZ49    | 111 | 5.33 |     |
| 33 1SG04   | 111 | 8.68 |     |
| 33 1SG04   | 111 | 8.68 |     |
| 34 W22     | 111 | 5.85 |     |
| 34 W22     | 111 | 5.85 |     |
| 34 W24     | 111 | 7.32 |     |
| 34 W24     | 111 | 7.32 |     |
| 34 SQ8     | 111 | 7.6  |     |

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|---------------|-------|------|-----|
| 34 SQ8        | 111   | 7.6  |     |
| 10 2606-15    | 112   | 4.6  | 0.4 |
| 10 2606-15    | 112   | 4.6  | 0.4 |
| 26 Klm        | 112   | 5.46 |     |
| 26 Klm        | 112   | 5.46 |     |
| 26 Kcs        | 112   | 5.49 |     |
| 26 Kcs        | 112   | 5.49 |     |
| 26 Krs        | 112   | 5.59 |     |
| 26 Krs        | 112   | 5.59 |     |
| 26 Ktc        | 112   | 5.68 |     |
| 26 Ktc        | 112   | 5.68 |     |
| 26 Kbk        | 112   | 6.09 |     |
| 26 Kbk        | 112   | 6.09 |     |
| 26 Jungo Sill | 112   | 6.99 |     |
| 26 Jungo Sill | 112   | 6.99 |     |
| 26 Jhqdz      | 112   | 7.46 |     |
| 26 Jhqdz      | 112   | 7.46 |     |
| 26 Kas        | 112   | 7.68 |     |
| 26 Kas        | 112   | 7.68 |     |
| 31 PC36       | 112   | 7.9  |     |
| 31 PC36       | 112   | 7.9  |     |
| 34 OW7        | 112   | 4.61 |     |
| 34 OW7        | 112   | 4.61 |     |
| 34 W30        | 112   | 6.9  |     |
| 34 W30        | 112   | 6.9  |     |
| 34 1S94       | 112   | 8.08 |     |
| 34 1S94       | 112   | 8.08 |     |
| 5 RNZ20       | 113   | 5.31 |     |
| 5 RNZ20       | 113   | 5.31 |     |
| 5 RNZ49       | 113   | 5.41 |     |
| 5 RNZ49       | 113   | 5.41 |     |
| 5 RNZ20       | 113   | 5.92 |     |
| 5 RNZ20       | 113   | 5.92 |     |
| 10 2606-46    | 113   | 3.7  | 0.4 |
| 10 2606-46    | 113   | 3.7  | 0.4 |
| 10 2606-06    | 113   | 5.2  | 0.8 |
| 10 2606-06    | 113   | 5.2  | 0.8 |
| 31 WR91a      | 113   | 6.32 |     |
| 31 WR91a      | 113   | 6.32 |     |
| 31 WR39       | 113   | 7.43 |     |
| 31 WR39       | 113   | 7.43 |     |
| 31 PC32       | 113   | 8.03 |     |
| 31 PC32       | 113   | 8.03 |     |
| 88 CHW-1      | 113.6 | 5.78 |     |
| 5 RNZ49       | 114   | 4.61 |     |

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|------------|-----|------|-----|
| 5 RNZ49    | 114 | 4.61 |     |
| 5 RNZ87    | 114 | 5.55 |     |
| 5 RNZ87    | 114 | 5.55 |     |
| 5 RNZ20    | 114 | 5.56 |     |
| 5 RNZ20    | 114 | 5.56 |     |
| 31 PC31    | 114 | 7.92 |     |
| 31 PC31    | 114 | 7.92 |     |
| 34 95-7    | 114 | 6.27 |     |
| 34 95-7    | 114 | 6.27 |     |
| 34 W2-H    | 114 | 6.35 |     |
| 34 W2-H    | 114 | 6.35 |     |
| 34 1S100   | 114 | 6.71 |     |
| 34 1S100   | 114 | 6.71 |     |
| 34 W3-H    | 114 | 6.9  |     |
| 34 W3-H    | 114 | 6.9  |     |
| 34 W1-H    | 114 | 6.96 |     |
| 34 W1-H    | 114 | 6.96 |     |
| 34 95-4    | 114 | 7    |     |
| 34 95-4    | 114 | 7    |     |
| 34 1S99    | 114 | 7.24 |     |
| 34 1S99    | 114 | 7.24 |     |
| 34 1S91    | 114 | 7.3  |     |
| 34 1S91    | 114 | 7.3  |     |
| 34 1S98    | 114 | 7.79 |     |
| 34 1S98    | 114 | 7.79 |     |
| 34 1S40    | 114 | 7.91 |     |
| 34 1S40    | 114 | 7.91 |     |
| 34 1S97    | 114 | 8.7  |     |
| 34 1S97    | 114 | 8.7  |     |
| 5 RNZ87    | 115 | 4.78 |     |
| 5 RNZ87    | 115 | 4.78 |     |
| 5 RNZ87    | 115 | 5.65 |     |
| 5 RNZ87    | 115 | 5.65 |     |
| 10 2606-27 | 115 | 4.7  | 0.4 |
| 10 2606-27 | 115 | 4.7  | 0.4 |
| 31 89KK5   | 115 | 5.7  |     |
| 31 89KK5   | 115 | 5.7  |     |
| 31 PC129   | 115 | 6.63 |     |
| 31 PC129   | 115 | 6.63 |     |
| 31 WR 9    | 115 | 6.76 |     |
| 31 WR 9    | 115 | 6.76 |     |
| 31 WR171   | 115 | 6.77 |     |
| 31 WR171   | 115 | 6.77 |     |
| 31 WR30/2  | 115 | 6.78 |     |
| 31 WR30/2  | 115 | 6.78 |     |



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| 31 CM630   | 115   | 7.67 |     |
| 31 CM630   | 115   | 7.67 |     |
| 31 PC37    | 115   | 7.88 |     |
| 31 PC37    | 115   | 7.88 |     |
| 33 1S92    | 115   | 6.7  |     |
| 33 1S92    | 115   | 6.7  |     |
| 33 1S93    | 115   | 8.1  |     |
| 33 1S93    | 115   | 8.1  |     |
| 34 W26     | 115   | 6.46 |     |
| 34 W26     | 115   | 6.46 |     |
| 63 97SHG37 | 115   | 4.07 |     |
| 63 97SHG37 | 115   | 4.07 |     |
| 63 97SHG46 | 115   | 4.8  |     |
| 63 97SHG46 | 115   | 4.8  |     |
| 63 96SH03  | 115   | 4.83 |     |
| 63 96SH03  | 115   | 4.83 |     |
| 63 97SHG50 | 115   | 4.9  |     |
| 63 97SHG50 | 115   | 4.9  |     |
| 63 97SHG18 | 115   | 5.14 |     |
| 63 97SHG18 | 115   | 5.14 |     |
| 63 96SH02  | 115   | 5.39 |     |
| 63 96SH02  | 115   | 5.39 |     |
| 86 HLS-1   | 115.4 | 5.8  |     |
| 5 RNZ87    | 116   | 4.81 |     |
| 5 RNZ87    | 116   | 4.81 |     |
| 5 WF01     | 116   | 5.25 |     |
| 5 WF01     | 116   | 5.25 |     |
| 5 RNZ49    | 116   | 6.06 |     |
| 5 RNZ49    | 116   | 6.06 |     |
| 33 1S96    | 116   | 8.68 |     |
| 33 1S96    | 116   | 8.68 |     |
| 33 1S95    | 116   | 8.72 |     |
| 33 1S95    | 116   | 8.72 |     |
| 34 W29     | 116   | 6.34 |     |
| 34 W29     | 116   | 6.34 |     |
| 5 RNZ20    | 117   | 5.54 |     |
| 5 RNZ20    | 117   | 5.54 |     |
| 5 RNZ87    | 117   | 5.73 |     |
| 5 RNZ87    | 117   | 5.73 |     |
| 10 2606-16 | 117   | 5.6  | 0.5 |
| 10 2606-16 | 117   | 5.6  | 0.5 |
| 31 PC34    | 117   | 6.99 |     |
| 31 PC34    | 117   | 6.99 |     |
| 31 WR643   | 117   | 7.85 |     |
| 31 WR643   | 117   | 7.85 |     |

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|-----------------|-------|------|-----|
| 31 WR40         | 117   | 7.89 |     |
| 31 WR40         | 117   | 7.89 |     |
| 31 TC12a        | 117   | 7.9  |     |
| 31 TC12a        | 117   | 7.9  |     |
| 84 DD-8         | 117.4 | 6.57 |     |
| 84 BLZK15502-48 | 117.5 | 6.63 |     |
| 5 SF2A          | 118   | 4.9  |     |
| 5 SF2A          | 118   | 4.9  |     |
| 5 RNZ83         | 118   | 5.22 |     |
| 5 RNZ83         | 118   | 5.22 |     |
| 5 RNZ87         | 118   | 5.96 |     |
| 5 RNZ87         | 118   | 5.96 |     |
| 31 SL 58        | 118   | 5.58 |     |
| 31 SL 58        | 118   | 5.58 |     |
| 84 BLZK17103-36 | 118.4 | 6.66 |     |
| 84 BLZK17103-33 | 118.5 | 6.54 |     |
| 84 BLZK15502-55 | 118.5 | 6.56 |     |
| 84 BLZK17103-46 | 118.6 | 6.5  |     |
| 5 WF01          | 119   | 4.12 |     |
| 5 WF01          | 119   | 4.12 |     |
| 5 NF3           | 119   | 5.04 |     |
| 5 NF3           | 119   | 5.04 |     |
| 5 RNZ87         | 119   | 5.13 |     |
| 5 RNZ87         | 119   | 5.13 |     |
| 5 RNZ49         | 119   | 5.98 |     |
| 5 RNZ49         | 119   | 5.98 |     |
| 9 09DB100 6     | 119   | 4.5  | 0.2 |
| 9 09DB100 6     | 119   | 4.5  | 0.2 |
| 10 2606-31b     | 119   | 4.9  | 0.4 |
| 10 2606-31b     | 119   | 4.9  | 0.4 |
| 34 W16          | 119   | 5.82 |     |
| 34 W16          | 119   | 5.82 |     |
| 5 RNZ83         | 120   | 2.26 |     |
| 5 RNZ83         | 120   | 2.26 |     |
| 5 NF3           | 120   | 3.96 |     |
| 5 NF3           | 120   | 3.96 |     |
| 5 NF3           | 120   | 4.61 |     |
| 5 NF3           | 120   | 4.61 |     |
| 5 SF2A          | 120   | 5.16 |     |
| 5 SF2A          | 120   | 5.16 |     |
| 9 09DB100 1     | 120   | 4.4  | 0.2 |
| 9 09DB100 1     | 120   | 4.4  | 0.2 |
| 31 RH53         | 120   | 5.6  |     |
| 31 RH53         | 120   | 5.6  |     |
| 31 CM20         | 120   | 5.64 |     |

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| 31 CM20    | 120 | 5.64 |
| 63 95LS05  | 120 | 4.83 |
| 63 95LS05  | 120 | 4.83 |
| 63 95LS06  | 120 | 4.95 |
| 63 95LS06  | 120 | 4.95 |
| 63 95LS03  | 120 | 4.97 |
| 63 95LS03  | 120 | 4.97 |
| 63 95LS04  | 120 | 5.03 |
| 63 95LS04  | 120 | 5.03 |
| 63 95LS01  | 120 | 5.09 |
| 63 95LS08  | 120 | 5.09 |
| 63 95LS01  | 120 | 5.09 |
| 63 95LS08  | 120 | 5.09 |
| 63 95LS02  | 120 | 5.19 |
| 63 95LS02  | 120 | 5.19 |
| 63 95LS07  | 120 | 5.33 |
| 63 95LS07  | 120 | 5.33 |
| 63 95LS09  | 120 | 5.46 |
| 63 95LS09  | 120 | 5.46 |
| 64 01SKS02 | 120 | 4.48 |
| 64 01SKS02 | 120 | 4.48 |
| 64 01HP06  | 120 | 4.51 |
| 64 01HP06  | 120 | 4.51 |
| 64 01HP04  | 120 | 4.55 |
| 64 01HP04  | 120 | 4.55 |
| 64 01MS01  | 120 | 4.6  |
| 64 01MS01  | 120 | 4.6  |
| 64 01MDS02 | 120 | 4.61 |
| 64 01MDS02 | 120 | 4.61 |
| 64 01HP05  | 120 | 4.62 |
| 64 01SCH02 | 120 | 4.62 |
| 64 01HP05  | 120 | 4.62 |
| 64 01SCH02 | 120 | 4.62 |
| 64 01SKS01 | 120 | 4.63 |
| 64 01SKS01 | 120 | 4.63 |
| 64 01TTZ03 | 120 | 4.68 |
| 64 01TTZ03 | 120 | 4.68 |
| 64 01FQZ01 | 120 | 4.74 |
| 64 01HP02  | 120 | 4.74 |
| 64 01FQZ01 | 120 | 4.74 |
| 64 01HP02  | 120 | 4.74 |
| 64 01ZBY03 | 120 | 4.78 |
| 64 01ZBY03 | 120 | 4.78 |
| 64 01ZBY04 | 120 | 4.85 |
| 64 01ZBY04 | 120 | 4.85 |

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| 64 01MDS01 | 120 | 4.87 |
| 64 01MDS01 | 120 | 4.87 |
| 64 01XD02  | 120 | 4.96 |
| 64 01XD02  | 120 | 4.96 |
| 64 01MS02  | 120 | 5.09 |
| 64 01MS02  | 120 | 5.09 |
| 64 01ZBY05 | 120 | 5.12 |
| 64 01ZBY05 | 120 | 5.12 |
| 64 01XD01  | 120 | 5.18 |
| 64 01XD01  | 120 | 5.18 |
| 64 01JJZ03 | 120 | 5.27 |
| 64 01ZBY06 | 120 | 5.27 |
| 64 01JJZ03 | 120 | 5.27 |
| 64 01ZBY06 | 120 | 5.27 |
| 64 01TTZ01 | 120 | 5.31 |
| 64 01TTZ01 | 120 | 5.31 |
| 64 01BMJ03 | 120 | 5.33 |
| 64 01BMJ03 | 120 | 5.33 |
| 64 01BMJ06 | 120 | 5.34 |
| 64 01BMJ06 | 120 | 5.34 |
| 64 01TTZ05 | 120 | 5.35 |
| 64 01TTZ05 | 120 | 5.35 |
| 64 01BMJ14 | 120 | 5.36 |
| 64 01BMJ14 | 120 | 5.36 |
| 64 01BMJ08 | 120 | 5.41 |
| 64 01BMJ08 | 120 | 5.41 |
| 64 01TTZ06 | 120 | 5.42 |
| 64 01TTZ06 | 120 | 5.42 |
| 64 01BMJ13 | 120 | 5.44 |
| 64 01BMJ13 | 120 | 5.44 |
| 64 01GB02  | 120 | 5.48 |
| 64 01GB02  | 120 | 5.48 |
| 64 01BMJ11 | 120 | 5.53 |
| 64 01GB03  | 120 | 5.53 |
| 64 01BMJ11 | 120 | 5.53 |
| 64 01GB03  | 120 | 5.53 |
| 64 01JJZ01 | 120 | 5.79 |
| 64 01JJZ01 | 120 | 5.79 |
| 64 01MC03  | 120 | 5.94 |
| 64 01MC03  | 120 | 5.94 |
| 64 01MC04  | 120 | 5.97 |
| 64 01MC04  | 120 | 5.97 |
| 64 01MC02  | 120 | 6    |
| 64 01MC02  | 120 | 6    |
| 64 01SCH01 | 120 | 6.08 |

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|------------------|------------|------------|------------|
| 64 01SCH01       | 120        | 6.08       |            |
| 5 TT6            | 121        | 3.25       |            |
| 5 TT6            | 121        | 3.25       |            |
| 5 RNZ83          | 121        | 4.78       |            |
| 5 RNZ83          | 121        | 4.78       |            |
| 10 2606-31a      | 121        | 5.2        | 0.4        |
| 10 2606-31a      | 121        | 5.2        | 0.4        |
| 5 WF01           | 122        | 3.66       |            |
| 5 WF01           | 122        | 3.66       |            |
| 5 WF01           | 122        | 5.75       |            |
| 5 WF01           | 122        | 5.75       |            |
| 5 RNZ20          | 122        | 5.84       |            |
| 5 RNZ20          | 122        | 5.84       |            |
| 10 2606-01       | 122        | 4.6        | 0.3        |
| 10 2606-01       | 122        | 4.6        | 0.3        |
| 63 97Nzs11       | 122        | 3.1        |            |
| 63 97Nzs11       | 122        | 3.1        |            |
| 63 97Nzs32       | 122        | 3.37       |            |
| 63 97Nzs32       | 122        | 3.37       |            |
| 63 97Nzs05       | 122        | 3.52       |            |
| 63 97Nzs05       | 122        | 3.52       |            |
| 63 97Nzs19       | 122        | 3.58       |            |
| 63 97Nzs19       | 122        | 3.58       |            |
| 63 97Nzs53       | 122        | 4.02       |            |
| 63 97Nzs53       | 122        | 4.02       |            |
| 63 97Nzs08       | 122        | 4.06       |            |
| 63 97Nzs08       | 122        | 4.06       |            |
| 63 97Nzs07       | 122        | 4.1        |            |
| 63 97Nzs07       | 122        | 4.1        |            |
| 63 97Nzs45       | 122        | 4.17       |            |
| 63 97Nzs45       | 122        | 4.17       |            |
| 18 NIL-anu-zrn-l | 122.782554 | 4.66833084 | 0.92508392 |
| 18 NIL-anu-zrn-l | 122.782554 | 4.66833084 | 0.92508392 |
| 5 TT6            | 123        | 3.1        |            |
| 5 TT6            | 123        | 3.1        |            |
| 5 NF3            | 123        | 3.24       |            |
| 5 NF3            | 123        | 3.24       |            |
| 5 WF01           | 123        | 4.68       |            |
| 5 WF01           | 123        | 4.68       |            |
| 5 NF3            | 123        | 4.93       |            |
| 5 NF3            | 123        | 4.93       |            |
| 5 WF01           | 123        | 5.34       |            |
| 5 WF01           | 123        | 5.34       |            |
| 5 WF01           | 123        | 5.42       |            |
| 5 WF01           | 123        | 5.42       |            |

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| 31 A131       | 123 | 6.29 |     |
| 31 A131       | 123 | 6.29 |     |
| 5 NF3         | 124 | 4.27 |     |
| 5 NF3         | 124 | 4.27 |     |
| 5 NF3         | 124 | 4.37 |     |
| 5 NF3         | 124 | 4.37 |     |
| 5 NF3         | 124 | 4.83 |     |
| 5 NF3         | 124 | 4.83 |     |
| 5 WF01        | 124 | 4.98 |     |
| 5 WF01        | 124 | 4.98 |     |
| 9 09DB100 14  | 124 | 4.3  | 0.2 |
| 9 09DB100 14  | 124 | 4.3  | 0.2 |
| 9 09DB97 8    | 124 | 5.6  | 0.2 |
| 9 09DB97 8    | 124 | 5.6  | 0.2 |
| 10 2606-13    | 124 | 2.7  | 0.4 |
| 10 2606-13    | 124 | 2.7  | 0.4 |
| 5 SF2A        | 125 | 3.61 |     |
| 5 SF2A        | 125 | 3.61 |     |
| 5 SF2A        | 125 | 3.85 |     |
| 5 SF2A        | 125 | 3.85 |     |
| 5 SF2A        | 125 | 5.08 |     |
| 5 SF2A        | 125 | 5.08 |     |
| 5 WF01        | 125 | 6.07 |     |
| 5 WF01        | 125 | 6.07 |     |
| 9 09ZJP01 2   | 125 | 2.9  | 0.2 |
| 9 09ZJP01 2   | 125 | 2.9  | 0.2 |
| 9 09ZJP01 15  | 125 | 4.5  | 0.2 |
| 9 09ZJP01 15  | 125 | 4.5  | 0.2 |
| 9 09ZJP01 10  | 125 | 4.9  | 0.3 |
| 9 09ZJP01 10  | 125 | 4.9  | 0.3 |
| 9 09DB97 5    | 125 | 5.9  | 0.2 |
| 9 09DB97 5    | 125 | 5.9  | 0.2 |
| 9 09DB100 9   | 125 | 7    | 0.2 |
| 9 09DB100 9   | 125 | 7    | 0.2 |
| 62 DMC-1. S02 | 125 | 6.6  | 0.2 |
| 62 DMC-1. S02 | 125 | 6.6  | 0.2 |
| 5 NF3         | 126 | 3.53 |     |
| 5 NF3         | 126 | 3.53 |     |
| 5 SF2A        | 126 | 4.92 |     |
| 5 SF2A        | 126 | 4.92 |     |
| 5 WF01        | 126 | 5.87 |     |
| 5 WF01        | 126 | 5.87 |     |
| 9 09DB100 2   | 126 | 4.2  | 0.2 |
| 9 09DB100 2   | 126 | 4.2  | 0.2 |
| 9 09DB100 11  | 126 | 4.3  | 0.2 |

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| 9 09DB100 11  | 126 | 4.3  | 0.2 |
| 9 09DB100 2   | 126 | 4.5  | 0.1 |
| 9 09DB100 2   | 126 | 4.5  | 0.1 |
| 9 09ZJP01 3   | 126 | 4.6  | 0.1 |
| 9 09ZJP01 3   | 126 | 4.6  | 0.1 |
| 9 09ZJP01 5   | 126 | 4.7  | 0.1 |
| 9 09ZJP01 5   | 126 | 4.7  | 0.1 |
| 9 09ZJP01 8   | 126 | 4.8  | 0.2 |
| 9 09ZJP01 8   | 126 | 4.8  | 0.2 |
| 9 09DB97 17   | 126 | 5.8  | 0.3 |
| 9 09DB97 17   | 126 | 5.8  | 0.3 |
| 9 09DB97 6    | 126 | 6.3  | 0.2 |
| 9 09DB97 6    | 126 | 6.3  | 0.2 |
| 34 W6         | 126 | 8.03 |     |
| 34 W6         | 126 | 8.03 |     |
| 62 DMC-1. S15 | 126 | 6.3  | 0.3 |
| 62 DMC-1. S23 | 126 | 6.3  | 0.3 |
| 62 DMC-1. S15 | 126 | 6.3  | 0.3 |
| 62 DMC-1. S23 | 126 | 6.3  | 0.3 |
| 63 96SZ69     | 126 | 4.79 |     |
| 63 96SZ69     | 126 | 4.79 |     |
| 63 96SZ52     | 126 | 4.81 |     |
| 63 96SZ52     | 126 | 4.81 |     |
| 63 96SZ05     | 126 | 4.86 |     |
| 63 96SZ05     | 126 | 4.86 |     |
| 63 96SZ33     | 126 | 4.88 |     |
| 63 96SZ33     | 126 | 4.88 |     |
| 63 96SZ17     | 126 | 4.93 |     |
| 63 96SZ17     | 126 | 4.93 |     |
| 63 96SZ22     | 126 | 4.96 |     |
| 63 96SZ22     | 126 | 4.96 |     |
| 63 96SZ45     | 126 | 4.98 |     |
| 63 96SZ83     | 126 | 4.98 |     |
| 63 96SZ45     | 126 | 4.98 |     |
| 63 96SZ83     | 126 | 4.98 |     |
| 63 96SZ28     | 126 | 4.99 |     |
| 63 96SZ28     | 126 | 4.99 |     |
| 63 96SZ54     | 126 | 5.03 |     |
| 63 96SZ81     | 126 | 5.03 |     |
| 63 96SZ54     | 126 | 5.03 |     |
| 63 96SZ81     | 126 | 5.03 |     |
| 63 S-2        | 126 | 5.05 |     |
| 63 S-2        | 126 | 5.05 |     |
| 63 96SZ91     | 126 | 5.06 |     |
| 63 96SZ91     | 126 | 5.06 |     |

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|----------------|-----|------|-----|
| 63 S-1         | 126 | 5.13 |     |
| 63 S-1         | 126 | 5.13 |     |
| 9 09ZJP01 5    | 127 | 4.1  | 0.2 |
| 9 09ZJP01 5    | 127 | 4.1  | 0.2 |
| 9 09DB100 10   | 127 | 4.3  | 0.3 |
| 9 09DB100 7    | 127 | 4.3  | 0.3 |
| 9 09DB100 10   | 127 | 4.3  | 0.3 |
| 9 09DB100 7    | 127 | 4.3  | 0.3 |
| 9 09ZJP01 12   | 127 | 4.5  | 0.2 |
| 9 09ZJP01 12   | 127 | 4.5  | 0.2 |
| 9 09DB100 16   | 127 | 4.6  | 0.2 |
| 9 09ZJP01 1    | 127 | 4.6  | 0.2 |
| 9 09DB100 16   | 127 | 4.6  | 0.2 |
| 9 09ZJP01 1    | 127 | 4.6  | 0.2 |
| 9 09ZJP01 13   | 127 | 4.6  | 0.3 |
| 9 09ZJP01 13   | 127 | 4.6  | 0.3 |
| 9 09DB100 11   | 127 | 4.9  | 0.2 |
| 9 09DB100 11   | 127 | 4.9  | 0.2 |
| 9 09DB97 15    | 127 | 5.5  | 0.2 |
| 9 09DB97 15    | 127 | 5.5  | 0.2 |
| 9 09DSC04 14   | 127 | 5.7  | 0.2 |
| 9 09DSC04 6    | 127 | 5.7  | 0.2 |
| 9 09DSC04 14   | 127 | 5.7  | 0.2 |
| 9 09DSC04 6    | 127 | 5.7  | 0.2 |
| 9 09DB97 12    | 127 | 6.2  | 0.2 |
| 9 09DSC04 3    | 127 | 6.2  | 0.2 |
| 9 09DB97 12    | 127 | 6.2  | 0.2 |
| 9 09DSC04 3    | 127 | 6.2  | 0.2 |
| 62 FJZ-1. FS07 | 127 | 5.7  | 0.3 |
| 62 FJZ-1. FS07 | 127 | 5.7  | 0.3 |
| 62 DMC-1. S07  | 127 | 5.8  | 0.2 |
| 62 DMC-1. S07  | 127 | 5.8  | 0.2 |
| 62 DMC-1. S20  | 127 | 5.8  | 0.3 |
| 62 FJZ-1. S13  | 127 | 5.8  | 0.3 |
| 62 DMC-1. S20  | 127 | 5.8  | 0.3 |
| 62 FJZ-1. S13  | 127 | 5.8  | 0.3 |
| 62 DMC-1. S22  | 127 | 5.9  | 0.3 |
| 62 DMC-1. S22  | 127 | 5.9  | 0.3 |
| 5 TT6          | 128 | 3.48 |     |
| 5 TT6          | 128 | 3.48 |     |
| 5 NF3          | 128 | 4.11 |     |
| 5 NF3          | 128 | 4.11 |     |
| 5 NF3          | 128 | 4.19 |     |
| 5 NF3          | 128 | 4.19 |     |
| 9 09ZJP01 1    | 128 | 4.1  | 0.2 |



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|---------------|-----|------|------|
| 9 09ZJP01 1   | 128 | 4.1  | 0.2  |
| 9 09DB100 14  | 128 | 4.5  | 0.3  |
| 9 09DB100 14  | 128 | 4.5  | 0.3  |
| 9 09DB100 6   | 128 | 4.6  | 0.2  |
| 9 09DB100 6   | 128 | 4.6  | 0.2  |
| 9 09ZJP01 8   | 128 | 5.1  | 0.2  |
| 9 09ZJP01 8   | 128 | 5.1  | 0.2  |
| 9 09DSC04 12  | 128 | 5.5  | 0.2  |
| 9 09DSC04 12  | 128 | 5.5  | 0.2  |
| 9 09DB97 2    | 128 | 5.6  | 0.3  |
| 9 09DB97 2    | 128 | 5.6  | 0.3  |
| 9 09DSC04 16  | 128 | 5.9  | 0.2  |
| 9 09DSC04 16  | 128 | 5.9  | 0.2  |
| 9 09DSC04 18  | 128 | 6    | 0.2  |
| 9 09DSC04 18  | 128 | 6    | 0.2  |
| 9 09DSC04 12  | 128 | 6.1  | 0.2  |
| 9 09DSC04 12  | 128 | 6.1  | 0.2  |
| 9 09DSC04 3   | 128 | 6.3  | 0.2  |
| 9 09DSC04 3   | 128 | 6.3  | 0.2  |
| 9 09DSC04 9   | 128 | 6.7  | 0.3  |
| 9 09DSC04 9   | 128 | 6.7  | 0.3  |
| 62 DMC-1. S05 | 128 | 6.5  | 0.3  |
| 62 DMC-1. S05 | 128 | 6.5  | 0.3  |
| 9 09ZJP01 2   | 129 | 2.5  | 0.3  |
| 9 09ZJP01 2   | 129 | 2.5  | 0.3  |
| 9 09DB100 10  | 129 | 4    | 0.2  |
| 9 09DB100 10  | 129 | 4    | 0.2  |
| 9 09ZJP01 15  | 129 | 4.2  | 0.3  |
| 9 09ZJP01 15  | 129 | 4.2  | 0.3  |
| 9 09DB100 17  | 129 | 4.8  | 0.2  |
| 9 09DB100 17  | 129 | 4.8  | 0.2  |
| 9 09DB97 15   | 129 | 6    | 0.2  |
| 9 09DB97 15   | 129 | 6    | 0.2  |
| 62 FJZ-1. S10 | 129 | 5.9  | 0.2  |
| 62 FJZ-1. S10 | 129 | 5.9  | 0.2  |
| 62 QTJ-2. S07 | 129 | 6    | 0.3  |
| 62 QTJ-2. S07 | 129 | 6    | 0.3  |
| 62 DMC-1. S04 | 129 | 6.2  | 0.3  |
| 62 DMC-1. S04 | 129 | 6.2  | 0.3  |
| 62 WS02-1     | 129 | 7.94 | 0.36 |
| 62 WS02-1     | 129 | 7.94 | 0.36 |
| 9 09ZJP01 4   | 130 | 2    | 0.2  |
| 9 09ZJP01 4   | 130 | 2    | 0.2  |
| 9 09ZJP01 11  | 130 | 2.1  | 0.2  |
| 9 09ZJP01 11  | 130 | 2.1  | 0.2  |

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|---------------|-----|------|-----|
| 9 09ZJP01 14  | 130 | 2.2  | 0.2 |
| 9 09ZJP01 14  | 130 | 2.2  | 0.2 |
| 9 09DB100 13  | 130 | 4.4  | 0.2 |
| 9 09ZJP01 3   | 130 | 4.4  | 0.2 |
| 9 09DB100 13  | 130 | 4.4  | 0.2 |
| 9 09ZJP01 3   | 130 | 4.4  | 0.2 |
| 9 09DSC04 14  | 130 | 5.5  | 0.2 |
| 9 09DSC04 14  | 130 | 5.5  | 0.2 |
| 9 09DB97 5    | 130 | 5.7  | 0.2 |
| 9 09DB97 5    | 130 | 5.7  | 0.2 |
| 9 09DB97 12   | 130 | 5.8  | 0.2 |
| 9 09DB97 12   | 130 | 5.8  | 0.2 |
| 9 09DSC04 9   | 130 | 5.9  | 0.3 |
| 9 09DSC04 9   | 130 | 5.9  | 0.3 |
| 9 09DB97 6    | 130 | 7.3  | 0.3 |
| 9 09DB97 6    | 130 | 7.3  | 0.3 |
| 62 DMC-1. S17 | 130 | 5.7  | 0.2 |
| 62 DMC-1. S17 | 130 | 5.7  | 0.2 |
| 62 QTJ-2. S12 | 130 | 6    | 0.4 |
| 62 QTJ-2. S12 | 130 | 6    | 0.4 |
| 62 DMC-1. S06 | 130 | 6.5  | 0.2 |
| 62 DMC-1. S06 | 130 | 6.5  | 0.2 |
| 62 FJZ-1. S02 | 130 | 6.5  | 0.3 |
| 62 FJZ-1. S02 | 130 | 6.5  | 0.3 |
| 62 DMC-1. S01 | 130 | 6.7  | 0.3 |
| 62 DMC-1. S01 | 130 | 6.7  | 0.3 |
| 5 RNZ87       | 131 | 4.45 |     |
| 5 RNZ87       | 131 | 4.45 |     |
| 5 TT6         | 131 | 8.98 |     |
| 5 TT6         | 131 | 8.98 |     |
| 9 09ZJP01 4   | 131 | 2.3  | 0.2 |
| 9 09ZJP01 4   | 131 | 2.3  | 0.2 |
| 9 09DB97 4    | 131 | 5.5  | 0.2 |
| 9 09DB97 4    | 131 | 5.5  | 0.2 |
| 9 09DB97 17   | 131 | 5.6  | 0.2 |
| 9 09DB97 17   | 131 | 5.6  | 0.2 |
| 9 09DSC04 6   | 131 | 5.7  | 0.2 |
| 9 09DSC04 6   | 131 | 5.7  | 0.2 |
| 9 09DSC04 18  | 131 | 6    | 0.3 |
| 9 09DSC04 18  | 131 | 6    | 0.3 |
| 9 09DSC04 16  | 131 | 6.4  | 0.2 |
| 9 09DSC04 16  | 131 | 6.4  | 0.2 |
| 62 DMC-1. S18 | 131 | 6.1  | 0.2 |
| 62 DMC-1. S18 | 131 | 6.1  | 0.2 |
| 62 FJZ-1. S05 | 131 | 6.2  | 0.3 |

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|-----------------|-----|------------|------------|
| 62 FJZ-1. S05   | 131 | 6.2        | 0.3        |
| 62 DMC-1. S03   | 131 | 6.3        | 0.2        |
| 62 DMC-1. S03   | 131 | 6.3        | 0.2        |
| 62 FJZ-1. S03   | 131 | 6.4        | 0.3        |
| 62 FJZ-1. S03   | 131 | 6.4        | 0.3        |
| 62 TLS01-14     | 131 | 7.42       | 0.33       |
| 62 TLS01-14     | 131 | 7.42       | 0.33       |
| 9 09DB97 2      | 132 | 5.2        | 0.2        |
| 9 09DB97 2      | 132 | 5.2        | 0.2        |
| 9 09DSC04 1     | 132 | 5.9        | 0.2        |
| 9 09DSC04 1     | 132 | 5.9        | 0.2        |
| 62 FJZ-1. S12   | 132 | 5.6        | 0.3        |
| 62 FJZ-1. S12   | 132 | 5.6        | 0.3        |
| 62 DMC-1. S21   | 132 | 5.9        | 0.1        |
| 62 DMC-1. S21   | 132 | 5.9        | 0.1        |
| 62 DMC-1. S16   | 132 | 6          | 0.2        |
| 62 DMC-1. S16   | 132 | 6          | 0.2        |
| 62 DMC-1. S14   | 132 | 6.1        | 0.2        |
| 62 DMC-1. S14   | 132 | 6.1        | 0.2        |
| 62 DMC-1. S11   | 132 | 6.1        | 0.3        |
| 62 DMC-1. S11   | 132 | 6.1        | 0.3        |
| 62 TGS-7-1. S02 | 132 | 6.6        | 0.3        |
| 62 TGS-7-1. S02 | 132 | 6.6        | 0.3        |
| 5 SF2A          | 133 | 4.11       |            |
| 5 SF2A          | 133 | 4.11       |            |
| 5 RNZ20         | 133 | 5.76       |            |
| 5 RNZ20         | 133 | 5.76       |            |
| 9 09ZJP01 14    | 133 | 2.5        | 0.3        |
| 9 09ZJP01 14    | 133 | 2.5        | 0.3        |
| 53 08FS09 22    | 133 | 4.84730201 | 0.2577174  |
| 53 08FS09 22    | 133 | 4.84730201 | 0.2577174  |
| 53 08FS09 26    | 133 | 5.68001197 | 0.2742206  |
| 53 08FS09 26    | 133 | 5.68001197 | 0.2742206  |
| 53 08FS10 25    | 133 | 6.1555755  | 0.2892558  |
| 53 08FS10 25    | 133 | 6.1555755  | 0.2892558  |
| 53 08FS09 24    | 133 | 6.20202972 | 0.19348678 |
| 53 08FS09 24    | 133 | 6.20202972 | 0.19348678 |
| 53 08FS07 13    | 133 | 6.27237183 | 0.326706   |
| 53 08FS07 13    | 133 | 6.27237183 | 0.326706   |
| 53 08FS07 03    | 133 | 6.28353655 | 0.3832     |
| 53 08FS07 03    | 133 | 6.28353655 | 0.3832     |
| 53 08FS13 02    | 133 | 6.31641981 | 0.3511386  |
| 53 08FS13 02    | 133 | 6.31641981 | 0.3511386  |
| 53 08FS09 23    | 133 | 6.34553162 | 0.3686444  |
| 53 08FS09 23    | 133 | 6.34553162 | 0.3686444  |

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| 53 08FS10 18 | 133 | 6. 35006982 | 0. 3118762  |
| 53 08FS10 18 | 133 | 6. 35006982 | 0. 3118762  |
| 53 08FS08 02 | 133 | 6. 36314208 | 0. 1841542  |
| 53 08FS08 02 | 133 | 6. 36314208 | 0. 1841542  |
| 53 08FS13 03 | 133 | 6. 38807102 | 0. 3547044  |
| 53 08FS13 03 | 133 | 6. 38807102 | 0. 3547044  |
| 53 08FS02 34 | 133 | 6. 41151007 | 0. 2385816  |
| 53 08FS02 34 | 133 | 6. 41151007 | 0. 2385816  |
| 53 08FS10 27 | 133 | 6. 42476312 | 0. 2733212  |
| 53 08FS10 27 | 133 | 6. 42476312 | 0. 2733212  |
| 53 08FS09 16 | 133 | 6. 43145821 | 0. 2425708  |
| 53 08FS09 16 | 133 | 6. 43145821 | 0. 2425708  |
| 53 08FS13 07 | 133 | 6. 43285458 | 0. 2885338  |
| 53 08FS13 07 | 133 | 6. 43285458 | 0. 2885338  |
| 53 08FS09 07 | 133 | 6. 44891283 | 0. 255796   |
| 53 08FS09 07 | 133 | 6. 44891283 | 0. 255796   |
| 53 08FS13 11 | 133 | 6. 45380012 | 0. 3091376  |
| 53 08FS13 11 | 133 | 6. 45380012 | 0. 3091376  |
| 53 08FS07 02 | 133 | 6. 45689208 | 0. 326657   |
| 53 08FS07 02 | 133 | 6. 45689208 | 0. 326657   |
| 53 08FS09 20 | 133 | 6. 46447237 | 0. 2608648  |
| 53 08FS09 20 | 133 | 6. 46447237 | 0. 2608648  |
| 53 08FS10 06 | 133 | 6. 47775925 | 0. 4017354  |
| 53 08FS10 06 | 133 | 6. 47775925 | 0. 4017354  |
| 53 08FS10 11 | 133 | 6. 49938161 | 0. 3722778  |
| 53 08FS10 11 | 133 | 6. 49938161 | 0. 3722778  |
| 53 08FS09 30 | 133 | 6. 49963096 | 0. 2477706  |
| 53 08FS09 30 | 133 | 6. 49963096 | 0. 2477706  |
| 53 08FS09 31 | 133 | 6. 50071148 | 0. 3381344  |
| 53 08FS09 31 | 133 | 6. 50071148 | 0. 3381344  |
| 53 08FS09 06 | 133 | 6. 50623878 | 0. 2088252  |
| 53 08FS09 06 | 133 | 6. 50623878 | 0. 2088252  |
| 53 08FS10 24 | 133 | 6. 52491522 | 0. 2698096  |
| 53 08FS10 24 | 133 | 6. 52491522 | 0. 2698096  |
| 53 08FS10 19 | 133 | 6. 52691003 | 0. 3393394  |
| 53 08FS10 19 | 133 | 6. 52691003 | 0. 3393394  |
| 53 08FS09 04 | 133 | 6. 54089866 | 0. 17562444 |
| 53 08FS09 04 | 133 | 6. 54089866 | 0. 17562444 |
| 53 08FS13 05 | 133 | 6. 56939956 | 0. 4000032  |
| 53 08FS13 05 | 133 | 6. 56939956 | 0. 4000032  |
| 53 08FS09 14 | 133 | 6. 57928923 | 0. 294142   |
| 53 08FS09 14 | 133 | 6. 57928923 | 0. 294142   |
| 53 08FS09 18 | 133 | 6. 58525833 | 0. 2419212  |
| 53 08FS09 18 | 133 | 6. 58525833 | 0. 2419212  |
| 53 08FS10 04 | 133 | 6. 60268445 | 0. 2378182  |

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| 53 08FS10 04 | 133 | 6. 60268445 | 0. 2378182  |
| 53 08FS07 19 | 133 | 6. 62582558 | 0. 3981622  |
| 53 08FS07 19 | 133 | 6. 62582558 | 0. 3981622  |
| 53 08FS13 10 | 133 | 6. 63323359 | 0. 2974994  |
| 53 08FS13 10 | 133 | 6. 63323359 | 0. 2974994  |
| 53 08FS09 05 | 133 | 6. 63577698 | 0. 3181654  |
| 53 08FS09 05 | 133 | 6. 63577698 | 0. 3181654  |
| 53 08FS07 05 | 133 | 6. 64481598 | 0. 3414846  |
| 53 08FS07 05 | 133 | 6. 64481598 | 0. 3414846  |
| 53 08FS13 09 | 133 | 6. 65288251 | 0. 3050348  |
| 53 08FS13 09 | 133 | 6. 65288251 | 0. 3050348  |
| 53 08FS07 17 | 133 | 6. 65461437 | 0. 3359564  |
| 53 08FS07 17 | 133 | 6. 65461437 | 0. 3359564  |
| 53 08FS07 04 | 133 | 6. 66364203 | 0. 296618   |
| 53 08FS07 04 | 133 | 6. 66364203 | 0. 296618   |
| 53 08FS07 01 | 133 | 6. 66475165 | 0. 2453144  |
| 53 08FS07 01 | 133 | 6. 66475165 | 0. 2453144  |
| 53 08FS09 19 | 133 | 6. 67841612 | 0. 2697734  |
| 53 08FS09 19 | 133 | 6. 67841612 | 0. 2697734  |
| 53 08FS08 16 | 133 | 6. 67897716 | 0. 221661   |
| 53 08FS08 16 | 133 | 6. 67897716 | 0. 221661   |
| 53 08FS09 27 | 133 | 6. 68190704 | 0. 286237   |
| 53 08FS09 27 | 133 | 6. 68190704 | 0. 286237   |
| 53 08FS10 22 | 133 | 6. 68410134 | 0. 3118518  |
| 53 08FS10 22 | 133 | 6. 68410134 | 0. 3118518  |
| 53 08FS07 12 | 133 | 6. 684999   | 0. 3645108  |
| 53 08FS07 12 | 133 | 6. 684999   | 0. 3645108  |
| 53 08FS10 08 | 133 | 6. 68764213 | 0. 3154242  |
| 53 08FS10 08 | 133 | 6. 68764213 | 0. 3154242  |
| 53 08FS08 09 | 133 | 6. 70933573 | 0. 19783804 |
| 53 08FS08 09 | 133 | 6. 70933573 | 0. 19783804 |
| 53 08FS08 06 | 133 | 6. 70997692 | 0. 2050104  |
| 53 08FS08 06 | 133 | 6. 70997692 | 0. 2050104  |
| 53 08FS07 16 | 133 | 6. 71241862 | 0. 3083148  |
| 53 08FS07 16 | 133 | 6. 71241862 | 0. 3083148  |
| 53 08FS07 18 | 133 | 6. 71250929 | 0. 3000534  |
| 53 08FS07 18 | 133 | 6. 71250929 | 0. 3000534  |
| 53 08FS07 09 | 133 | 6. 7256932  | 0. 324051   |
| 53 08FS07 09 | 133 | 6. 7256932  | 0. 324051   |
| 53 08FS02 06 | 133 | 6. 72815045 | 0. 2376524  |
| 53 08FS02 06 | 133 | 6. 72815045 | 0. 2376524  |
| 53 08FS09 02 | 133 | 6. 73501895 | 0. 2093326  |
| 53 08FS09 02 | 133 | 6. 73501895 | 0. 2093326  |
| 53 08FS10 09 | 133 | 6. 73847425 | 0. 2484574  |
| 53 08FS10 09 | 133 | 6. 73847425 | 0. 2484574  |

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| 53 08FS13 08 | 133 | 6. 75082785 | 0. 2642226  |
| 53 08FS13 08 | 133 | 6. 75082785 | 0. 2642226  |
| 53 08FS10 10 | 133 | 6. 75087059 | 0. 2104052  |
| 53 08FS10 10 | 133 | 6. 75087059 | 0. 2104052  |
| 53 08FS08 01 | 133 | 6. 75100863 | 0. 2342022  |
| 53 08FS08 01 | 133 | 6. 75100863 | 0. 2342022  |
| 53 08FS13 12 | 133 | 6. 75132655 | 0. 2930912  |
| 53 08FS13 12 | 133 | 6. 75132655 | 0. 2930912  |
| 53 08FS09 21 | 133 | 6. 76120088 | 0. 243208   |
| 53 08FS09 21 | 133 | 6. 76120088 | 0. 243208   |
| 53 08FS08 08 | 133 | 6. 79475649 | 0. 3121512  |
| 53 08FS08 08 | 133 | 6. 79475649 | 0. 3121512  |
| 53 08FS13 04 | 133 | 6. 79491323 | 0. 2936536  |
| 53 08FS13 04 | 133 | 6. 79491323 | 0. 2936536  |
| 53 08FS07 08 | 133 | 6. 82214243 | 0. 3427322  |
| 53 08FS07 08 | 133 | 6. 82214243 | 0. 3427322  |
| 53 08FS08 03 | 133 | 6. 82391283 | 0. 16209992 |
| 53 08FS08 03 | 133 | 6. 82391283 | 0. 16209992 |
| 53 08FS02 33 | 133 | 6. 83121883 | 0. 4243344  |
| 53 08FS02 33 | 133 | 6. 83121883 | 0. 4243344  |
| 53 08FS01 24 | 133 | 6. 83969679 | 0. 3423864  |
| 53 08FS01 24 | 133 | 6. 83969679 | 0. 3423864  |
| 53 08FS09 08 | 133 | 6. 84608019 | 0. 2760194  |
| 53 08FS09 08 | 133 | 6. 84608019 | 0. 2760194  |
| 53 08FS10 15 | 133 | 6. 84950974 | 0. 2229276  |
| 53 08FS10 15 | 133 | 6. 84950974 | 0. 2229276  |
| 53 08FS10 07 | 133 | 6. 86322134 | 0. 2114892  |
| 53 08FS10 07 | 133 | 6. 86322134 | 0. 2114892  |
| 53 08FS02 32 | 133 | 6. 88517854 | 0. 417362   |
| 53 08FS02 32 | 133 | 6. 88517854 | 0. 417362   |
| 53 08FS07 15 | 133 | 6. 88542335 | 0. 2320012  |
| 53 08FS07 15 | 133 | 6. 88542335 | 0. 2320012  |
| 53 08FS09 01 | 133 | 6. 89447935 | 0. 2843354  |
| 53 08FS09 01 | 133 | 6. 89447935 | 0. 2843354  |
| 53 08FS02 22 | 133 | 6. 90213445 | 0. 2136164  |
| 53 08FS02 22 | 133 | 6. 90213445 | 0. 2136164  |
| 53 08FS09 25 | 133 | 6. 912308   | 0. 2888494  |
| 53 08FS09 25 | 133 | 6. 912308   | 0. 2888494  |
| 53 08FS13 13 | 133 | 6. 91420307 | 0. 3866584  |
| 53 08FS13 13 | 133 | 6. 91420307 | 0. 3866584  |
| 53 08FS10 03 | 133 | 6. 91928985 | 0. 3362002  |
| 53 08FS10 03 | 133 | 6. 91928985 | 0. 3362002  |
| 53 08FS09 03 | 133 | 6. 92165869 | 0. 3469486  |
| 53 08FS09 03 | 133 | 6. 92165869 | 0. 3469486  |
| 53 08FS13 06 | 133 | 6. 92238181 | 0. 3626524  |

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| 53 08FS13 06 | 133 | 6. 92238181 | 0. 3626524  |
| 53 08FS07 14 | 133 | 6. 9299621  | 0. 3549824  |
| 53 08FS07 14 | 133 | 6. 9299621  | 0. 3549824  |
| 53 08FS08 07 | 133 | 6. 93275484 | 0. 30304    |
| 53 08FS08 07 | 133 | 6. 93275484 | 0. 30304    |
| 53 08FS13 14 | 133 | 6. 93345302 | 0. 2655744  |
| 53 08FS13 14 | 133 | 6. 93345302 | 0. 2655744  |
| 53 08FS09 15 | 133 | 6. 9425371  | 0. 2495482  |
| 53 08FS09 15 | 133 | 6. 9425371  | 0. 2495482  |
| 53 08FS10 26 | 133 | 6. 9494614  | 0. 2808572  |
| 53 08FS10 26 | 133 | 6. 9494614  | 0. 2808572  |
| 53 08FS08 04 | 133 | 6. 95484027 | 0. 2365928  |
| 53 08FS08 04 | 133 | 6. 95484027 | 0. 2365928  |
| 53 08FS02 25 | 133 | 6. 96009002 | 0. 2745126  |
| 53 08FS02 25 | 133 | 6. 96009002 | 0. 2745126  |
| 53 08FS13 01 | 133 | 6. 97177838 | 0. 3303842  |
| 53 08FS13 01 | 133 | 6. 97177838 | 0. 3303842  |
| 53 08FS08 27 | 133 | 6. 9834231  | 0. 2575122  |
| 53 08FS08 27 | 133 | 6. 9834231  | 0. 2575122  |
| 53 08FS09 09 | 133 | 6. 98641532 | 0. 18870638 |
| 53 08FS09 09 | 133 | 6. 98641532 | 0. 18870638 |
| 53 08FS10 05 | 133 | 7. 00182525 | 0. 3141102  |
| 53 08FS10 05 | 133 | 7. 00182525 | 0. 3141102  |
| 53 08FS10 02 | 133 | 7. 00207461 | 0. 2306014  |
| 53 08FS10 02 | 133 | 7. 00207461 | 0. 2306014  |
| 53 08FS10 20 | 133 | 7. 01045282 | 0. 4164558  |
| 53 08FS10 20 | 133 | 7. 01045282 | 0. 4164558  |
| 53 08FS01 13 | 133 | 7. 02887991 | 0. 19731694 |
| 53 08FS01 13 | 133 | 7. 02887991 | 0. 19731694 |
| 53 08FS02 07 | 133 | 7. 03012667 | 0. 18596552 |
| 53 08FS02 07 | 133 | 7. 03012667 | 0. 18596552 |
| 53 08FS10 23 | 133 | 7. 03189707 | 0. 371249   |
| 53 08FS10 23 | 133 | 7. 03189707 | 0. 371249   |
| 53 08FS01 11 | 133 | 7. 03834394 | 0. 2803088  |
| 53 08FS01 11 | 133 | 7. 03834394 | 0. 2803088  |
| 53 08FS02 21 | 133 | 7. 04236984 | 0. 3035502  |
| 53 08FS02 21 | 133 | 7. 04236984 | 0. 3035502  |
| 53 08FS01 07 | 133 | 7. 05390859 | 0. 2420286  |
| 53 08FS01 07 | 133 | 7. 05390859 | 0. 2420286  |
| 53 08FS09 33 | 133 | 7. 0585176  | 0. 295237   |
| 53 08FS09 33 | 133 | 7. 0585176  | 0. 295237   |
| 53 08FS13 15 | 133 | 7. 06461201 | 0. 420225   |
| 53 08FS13 15 | 133 | 7. 06461201 | 0. 420225   |
| 53 08FS02 08 | 133 | 7. 07862557 | 0. 2185608  |
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| 53 08FS08 05   | 133 | 7. 09782565 | 0. 3085002  |
| 53 08FS08 05   | 133 | 7. 09782565 | 0. 3085002  |
| 53 08FS08 17   | 133 | 7. 10795317 | 0. 3005674  |
| 53 08FS08 17   | 133 | 7. 10795317 | 0. 3005674  |
| 53 08FS02 27   | 133 | 7. 13345178 | 0. 3756372  |
| 53 08FS02 27   | 133 | 7. 13345178 | 0. 3756372  |
| 53 08FS10 16   | 133 | 7. 13498545 | 0. 291944   |
| 53 08FS10 16   | 133 | 7. 13498545 | 0. 291944   |
| 53 08FS08 26   | 133 | 7. 15427887 | 0. 3466316  |
| 53 08FS08 26   | 133 | 7. 15427887 | 0. 3466316  |
| 53 08FS09 12   | 133 | 7. 16527528 | 0. 2085362  |
| 53 08FS09 12   | 133 | 7. 16527528 | 0. 2085362  |
| 53 08FS02 19   | 133 | 7. 17133453 | 0. 3069864  |
| 53 08FS02 19   | 133 | 7. 17133453 | 0. 3069864  |
| 53 08FS08 10   | 133 | 7. 17327235 | 0. 3125244  |
| 53 08FS08 10   | 133 | 7. 17327235 | 0. 3125244  |
| 53 08FS10 21   | 133 | 7. 18280471 | 0. 320845   |
| 53 08FS10 21   | 133 | 7. 18280471 | 0. 320845   |
| 53 08FS09 13   | 133 | 7. 20397275 | 0. 2477654  |
| 53 08FS09 13   | 133 | 7. 20397275 | 0. 2477654  |
| 53 08FS01 15   | 133 | 7. 20916118 | 0. 2782082  |
| 53 08FS01 15   | 133 | 7. 20916118 | 0. 2782082  |
| 53 08FS01 12   | 133 | 7. 21420489 | 0. 3142738  |
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| 53 08FS02 31   | 133 | 7. 23107919 | 0. 3106984  |
| 53 08FS02 31   | 133 | 7. 23107919 | 0. 3106984  |
| 53 08FS02 24   | 133 | 7. 23407141 | 0. 343336   |
| 53 08FS02 24   | 133 | 7. 23407141 | 0. 343336   |
| 53 08FS10 13   | 133 | 7. 23443202 | 0. 3409302  |
| 53 08FS10 13   | 133 | 7. 23443202 | 0. 3409302  |
| 53 08FS02 12   | 133 | 7. 24070417 | 0. 2493702  |
| 53 08FS02 12   | 133 | 7. 24070417 | 0. 2493702  |
| 53 08FS08 14   | 133 | 7. 24764446 | 0. 13733888 |
| 53 08FS08 14   | 133 | 7. 24764446 | 0. 13733888 |
| 53 08FS01 08   | 133 | 7. 25697437 | 0. 3012858  |
| 53 08FS01 08   | 133 | 7. 25697437 | 0. 3012858  |
| 53 08FS10 14   | 133 | 7. 26147708 | 0. 2923262  |
| 53 08FS10 14   | 133 | 7. 26147708 | 0. 2923262  |
| 53 08FS08 15_1 | 133 | 7. 26154581 | 0. 16817436 |
| 53 08FS08 15_1 | 133 | 7. 26154581 | 0. 16817436 |
| 53 08FS08 18   | 133 | 7. 2626663  | 0. 3532882  |
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| 53 08FS02 20   | 133 | 7. 27745861 | 0. 3159516  |
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| 53 08FS13 17   | 133 | 7. 28094953 | 0. 3731724  |



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| 53 08FS13 17 | 133 | 7. 28094953 | 0. 3731724  |
| 53 08FS10 17 | 133 | 7. 28827919 | 0. 3327406  |
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| 53 08FS01 06 | 133 | 7. 2940881  | 0. 277213   |
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| 53 08FS08 20 | 133 | 7. 29770596 | 0. 2261644  |
| 53 08FS08 20 | 133 | 7. 29770596 | 0. 2261644  |
| 53 08FS02 05 | 133 | 7. 31099868 | 0. 2799272  |
| 53 08FS02 05 | 133 | 7. 31099868 | 0. 2799272  |
| 53 08FS02 23 | 133 | 7. 31147018 | 0. 3628272  |
| 53 08FS02 23 | 133 | 7. 31147018 | 0. 3628272  |
| 53 08FS02 35 | 133 | 7. 32383802 | 0. 4474562  |
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| 53 08FS09 10 | 133 | 7. 32610712 | 0. 19297074 |
| 53 08FS09 10 | 133 | 7. 32610712 | 0. 19297074 |
| 53 08FS02 26 | 133 | 7. 3584605  | 0. 2813702  |
| 53 08FS02 26 | 133 | 7. 3584605  | 0. 2813702  |
| 53 08FS09 11 | 133 | 7. 37485538 | 0. 2018596  |
| 53 08FS09 11 | 133 | 7. 37485538 | 0. 2018596  |
| 53 08FS13 19 | 133 | 7. 38381891 | 0. 351778   |
| 53 08FS13 19 | 133 | 7. 38381891 | 0. 351778   |
| 53 08FS02 18 | 133 | 7. 38637542 | 0. 3159218  |
| 53 08FS02 18 | 133 | 7. 38637542 | 0. 3159218  |
| 53 08FS07 20 | 133 | 7. 39337541 | 0. 3196928  |
| 53 08FS07 20 | 133 | 7. 39337541 | 0. 3196928  |
| 53 08FS01 05 | 133 | 7. 3955969  | 0. 2676672  |
| 53 08FS01 05 | 133 | 7. 3955969  | 0. 2676672  |
| 53 08FS02 11 | 133 | 7. 40552563 | 0. 17087464 |
| 53 08FS02 11 | 133 | 7. 40552563 | 0. 17087464 |
| 53 08FS13 20 | 133 | 7. 42544752 | 0. 273931   |
| 53 08FS13 20 | 133 | 7. 42544752 | 0. 273931   |
| 53 08FS10 01 | 133 | 7. 4444245  | 0. 16617376 |
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| 53 08FS01 14 | 133 | 7. 45365051 | 0. 2512878  |
| 53 08FS01 14 | 133 | 7. 45365051 | 0. 2512878  |
| 53 08FS02 29 | 133 | 7. 45858767 | 0. 2514514  |
| 53 08FS02 29 | 133 | 7. 45858767 | 0. 2514514  |
| 53 08FS01 04 | 133 | 7. 46759153 | 0. 1640006  |
| 53 08FS01 04 | 133 | 7. 46759153 | 0. 1640006  |
| 53 08FS07 11 | 133 | 7. 47015759 | 0. 2763732  |
| 53 08FS07 11 | 133 | 7. 47015759 | 0. 2763732  |
| 53 08FS07 07 | 133 | 7. 4716537  | 0. 2693284  |
| 53 08FS07 07 | 133 | 7. 4716537  | 0. 2693284  |
| 53 08FS13 16 | 133 | 7. 47474566 | 0. 2985166  |
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| 53 08FS08 11 | 133 | 7. 4767571  | 0. 19143152 |
| 53 08FS08 11 | 133 | 7. 4767571  | 0. 19143152 |
| 53 08FS02 28 | 133 | 7. 48993118 | 0. 3517354  |
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| 53 08FS08 22 | 133 | 7. 50297227 | 0. 3613578  |
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| 53 08FS08 28 | 133 | 7. 51274686 | 0. 289836   |
| 53 08FS08 28 | 133 | 7. 51274686 | 0. 289836   |
| 53 08FS08 13 | 133 | 7. 51453388 | 0. 221083   |
| 53 08FS08 13 | 133 | 7. 51453388 | 0. 221083   |
| 53 08FS07 10 | 133 | 7. 51843208 | 0. 3532182  |
| 53 08FS07 10 | 133 | 7. 51843208 | 0. 3532182  |
| 53 08FS07 06 | 133 | 7. 53060667 | 0. 312277   |
| 53 08FS07 06 | 133 | 7. 53060667 | 0. 312277   |
| 53 08FS02 13 | 133 | 7. 54167165 | 0. 2002768  |
| 53 08FS02 13 | 133 | 7. 54167165 | 0. 2002768  |
| 53 08FS08 23 | 133 | 7. 54576102 | 0. 2177954  |
| 53 08FS08 23 | 133 | 7. 54576102 | 0. 2177954  |
| 53 08FS08 19 | 133 | 7. 55452286 | 0. 3044256  |
| 53 08FS08 19 | 133 | 7. 55452286 | 0. 3044256  |
| 53 08FS01 16 | 133 | 7. 56639684 | 0. 4311896  |
| 53 08FS01 16 | 133 | 7. 56639684 | 0. 4311896  |
| 53 08FS01 09 | 133 | 7. 5830952  | 0. 327764   |
| 53 08FS01 09 | 133 | 7. 5830952  | 0. 327764   |
| 53 08FS09 17 | 133 | 7. 61867145 | 0. 2968944  |
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| 53 08FS01 19 | 133 | 7. 65906643 | 0. 3923744  |
| 53 08FS01 19 | 133 | 7. 65906643 | 0. 3923744  |
| 53 08FS01 03 | 133 | 7. 66782975 | 0. 2582444  |
| 53 08FS01 03 | 133 | 7. 66782975 | 0. 2582444  |
| 53 08FS08 24 | 133 | 7. 69597048 | 0. 220488   |
| 53 08FS08 24 | 133 | 7. 69597048 | 0. 220488   |
| 53 08FS02 15 | 133 | 7. 69926192 | 0. 2754592  |
| 53 08FS02 15 | 133 | 7. 69926192 | 0. 2754592  |
| 53 08FS02 36 | 133 | 7. 73546778 | 0. 3578088  |
| 53 08FS02 36 | 133 | 7. 73546778 | 0. 3578088  |
| 53 08FS08 21 | 133 | 7. 74344704 | 0. 2885238  |
| 53 08FS08 21 | 133 | 7. 74344704 | 0. 2885238  |
| 53 08FS02 04 | 133 | 7. 79161272 | 0. 3485648  |
| 53 08FS02 04 | 133 | 7. 79161272 | 0. 3485648  |
| 53 08FS02 16 | 133 | 7. 80897666 | 0. 3326586  |
| 53 08FS02 16 | 133 | 7. 80897666 | 0. 3326586  |
| 53 08FS02 17 | 133 | 7. 81336525 | 0. 4130014  |
| 53 08FS02 17 | 133 | 7. 81336525 | 0. 4130014  |
| 53 08FS01 23 | 133 | 7. 84548175 | 0. 4155502  |

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| 53 08FS01 23    | 133 | 7.84548175 | 0.4155502  |
| 53 08FS08 25    | 133 | 7.85774985 | 0.393347   |
| 53 08FS08 25    | 133 | 7.85774985 | 0.393347   |
| 53 08FS01 02    | 133 | 7.8651085  | 0.259932   |
| 53 08FS01 02    | 133 | 7.8651085  | 0.259932   |
| 53 08FS01 18    | 133 | 7.86708873 | 0.3654224  |
| 53 08FS01 18    | 133 | 7.86708873 | 0.3654224  |
| 53 08FS02 30    | 133 | 7.9235787  | 0.3531232  |
| 53 08FS02 30    | 133 | 7.9235787  | 0.3531232  |
| 53 08FS02 09    | 133 | 7.96295133 | 0.19646408 |
| 53 08FS02 09    | 133 | 7.96295133 | 0.19646408 |
| 53 08FS08 12    | 133 | 8.00432293 | 0.2460088  |
| 53 08FS08 12    | 133 | 8.00432293 | 0.2460088  |
| 53 08FS02 10    | 133 | 8.05309196 | 0.3334052  |
| 53 08FS02 10    | 133 | 8.05309196 | 0.3334052  |
| 53 08FS01 17    | 133 | 8.14512898 | 0.4408712  |
| 53 08FS01 17    | 133 | 8.14512898 | 0.4408712  |
| 53 08FS13 18    | 133 | 8.29351686 | 0.5975032  |
| 53 08FS13 18    | 133 | 8.29351686 | 0.5975032  |
| 62 QTJ-2. S15   | 133 | 5.6        | 0.2        |
| 62 QTJ-2. S15   | 133 | 5.6        | 0.2        |
| 62 QTJ-2. S11   | 133 | 5.8        | 0.3        |
| 62 QTJ-2. S11   | 133 | 5.8        | 0.3        |
| 62 QTJ-2. S02   | 133 | 6          | 0.2        |
| 62 QTJ-2. S02   | 133 | 6          | 0.2        |
| 62 TGS-7-2. S23 | 133 | 6.7        | 0.3        |
| 62 TGS-7-2. S23 | 133 | 6.7        | 0.3        |
| 62 WS02-15      | 133 | 7.05       | 0.27       |
| 62 WS02-15      | 133 | 7.05       | 0.27       |
| 62 TGS-7-2. S08 | 133 | 9.6        | 0.6        |
| 62 TGS-7-2. S08 | 133 | 9.6        | 0.6        |
| 31 TMG X184 A   | 134 | 5.15       |            |
| 31 TMG X184 A   | 134 | 5.15       |            |
| 62 FJZ-1. S09   | 134 | 5.6        | 0.3        |
| 62 FJZ-1. S09   | 134 | 5.6        | 0.3        |
| 62 FJZ-1. S11   | 134 | 5.7        | 0.3        |
| 62 FJZ-1. S11   | 134 | 5.7        | 0.3        |
| 62 FJZ-1. S15   | 134 | 5.8        | 0.2        |
| 62 FJZ-1. S15   | 134 | 5.8        | 0.2        |
| 62 FJZ-1. S06   | 134 | 5.9        | 0.3        |
| 62 FJZ-1. S06   | 134 | 5.9        | 0.3        |
| 62 DMC-1. S10   | 134 | 6          | 0.2        |
| 62 DMC-1. S10   | 134 | 6          | 0.2        |
| 62 DMC-1. S12   | 134 | 6.2        | 0.2        |
| 62 DMC-1. S12   | 134 | 6.2        | 0.2        |

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| 62 FJZ-1. S01   | 134 | 6.2  | 0.4  |
| 62 FJZ-1. S01   | 134 | 6.2  | 0.4  |
| 62 TGS-7-1. S15 | 134 | 6.5  | 0.2  |
| 62 TGS-7-1. S15 | 134 | 6.5  | 0.2  |
| 62 TGS-7-2. S20 | 134 | 7.1  | 0.3  |
| 62 TGS-7-2. S20 | 134 | 7.1  | 0.3  |
| 62 TGS-7-2. S14 | 134 | 7.4  | 0.2  |
| 62 TGS-7-2. S14 | 134 | 7.4  | 0.2  |
| 10 2606-32      | 135 | 5.4  | 0.3  |
| 10 2606-32      | 135 | 5.4  | 0.3  |
| 62 QTJ-2. S06   | 135 | 5.8  | 0.2  |
| 62 QTJ-2. S06   | 135 | 5.8  | 0.2  |
| 10 2606-50      | 136 | 4.6  | 0.4  |
| 10 2606-50      | 136 | 4.6  | 0.4  |
| 62 QTJ-2. S03   | 136 | 6    | 0.3  |
| 62 QTJ-2. S08   | 136 | 6    | 0.3  |
| 62 QTJ-2. S03   | 136 | 6    | 0.3  |
| 62 QTJ-2. S08   | 136 | 6    | 0.3  |
| 62 QTJ-2. S01   | 136 | 6.1  | 0.3  |
| 62 QTJ-2. S01   | 136 | 6.1  | 0.3  |
| 62 FJZ-1. S04   | 136 | 6.2  | 0.4  |
| 62 FJZ-1. S04   | 136 | 6.2  | 0.4  |
| 62 DMC-1. S13   | 136 | 6.4  | 0.2  |
| 62 DMC-1. S13   | 136 | 6.4  | 0.2  |
| 62 TLS01-3      | 136 | 7.1  | 0.31 |
| 62 TLS01-3      | 136 | 7.1  | 0.31 |
| 5 TT6           | 137 | 2.64 |      |
| 5 TT6           | 137 | 2.64 |      |
| 62 QTJ-2. S05   | 137 | 6    | 0.3  |
| 62 QTJ-2. S09   | 137 | 6    | 0.3  |
| 62 QTJ-2. S05   | 137 | 6    | 0.3  |
| 62 QTJ-2. S09   | 137 | 6    | 0.3  |
| 62 DMC-1. S09   | 137 | 6.1  | 0.2  |
| 62 DMC-1. S19   | 137 | 6.1  | 0.2  |
| 62 FJZ-1. S14   | 137 | 6.1  | 0.2  |
| 62 DMC-1. S09   | 137 | 6.1  | 0.2  |
| 62 DMC-1. S19   | 137 | 6.1  | 0.2  |
| 62 FJZ-1. S14   | 137 | 6.1  | 0.2  |
| 62 TGS-7-2. S05 | 137 | 6.5  | 0.2  |
| 62 TGS-7-2. S05 | 137 | 6.5  | 0.2  |
| 62 TLS01-9      | 137 | 6.83 | 0.28 |
| 62 TLS01-9      | 137 | 6.83 | 0.28 |
| 62 TGS-7-2. S09 | 137 | 7.1  | 0.3  |
| 62 TGS-7-2. S09 | 137 | 7.1  | 0.3  |
| 62 TGS-7-2. S16 | 137 | 8.4  | 0.3  |

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| 62 TGS-7-2. S16 | 137 | 8.4  | 0.3  |
| 62 FJZ-1. S08   | 138 | 5.8  | 0.3  |
| 62 FJZ-1. S08   | 138 | 5.8  | 0.3  |
| 62 QTJ-2. S18   | 138 | 6.1  | 0.2  |
| 62 QTJ-2. S18   | 138 | 6.1  | 0.2  |
| 62 DMC-1. S08   | 138 | 6.3  | 0.2  |
| 62 DMC-1. S08   | 138 | 6.3  | 0.2  |
| 62 TGS-7-2. S06 | 138 | 7    | 0.3  |
| 62 TGS-7-2. S06 | 138 | 7    | 0.3  |
| 62 TGS-7-2. S12 | 138 | 7.5  | 0.2  |
| 62 TGS-7-2. S12 | 138 | 7.5  | 0.2  |
| 62 TGS-7-2. S13 | 138 | 8.5  | 0.3  |
| 62 TGS-7-2. S13 | 138 | 8.5  | 0.3  |
| 62 TGS-7-1. S12 | 139 | 6.4  | 0.4  |
| 62 TGS-7-1. S12 | 139 | 6.4  | 0.4  |
| 62 WS02-9       | 139 | 6.76 | 0.39 |
| 62 WS02-9       | 139 | 6.76 | 0.39 |
| 62 FS07-4       | 139 | 7.4  | 0.27 |
| 62 FS07-4       | 139 | 7.4  | 0.27 |
| 62 TLS01-8      | 139 | 7.71 | 0.22 |
| 62 TLS01-8      | 139 | 7.71 | 0.22 |
| 31 FR21         | 140 | 5.9  |      |
| 31 FR21         | 140 | 5.9  |      |
| 31 FR20         | 140 | 6    |      |
| 31 FR20         | 140 | 6    |      |
| 62 QTJ-2. S04   | 140 | 6.2  | 0.3  |
| 62 QTJ-2. S04   | 140 | 6.2  | 0.3  |
| 62 TLS01-1      | 140 | 6.96 | 0.37 |
| 62 TLS01-1      | 140 | 6.96 | 0.37 |
| 62 TGS-7-2. S03 | 140 | 8    | 0.3  |
| 62 TGS-7-2. S03 | 140 | 8    | 0.3  |
| 62 TLS01-6      | 141 | 7.01 | 0.28 |
| 62 TLS01-6      | 141 | 7.01 | 0.28 |
| 62 WS02-4       | 141 | 7.47 | 0.37 |
| 62 WS02-4       | 141 | 7.47 | 0.37 |
| 26 97TY-005     | 142 | 8.42 |      |
| 26 97TY-005     | 142 | 8.42 |      |
| 26 97TY-006     | 142 | 8.52 |      |
| 26 97TY-006     | 142 | 8.52 |      |
| 26 97TY-004     | 142 | 8.54 |      |
| 26 97TY-004     | 142 | 8.54 |      |
| 26 97TY-012A    | 142 | 8.55 |      |
| 26 97TY-012A    | 142 | 8.55 |      |
| 26 97TY-007     | 142 | 8.57 |      |
| 26 97TY-010     | 142 | 8.57 |      |

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|------------------|------------|------------|------------|
| 26 97TY-012B     | 142        | 8.57       |            |
| 26 97TY-007      | 142        | 8.57       |            |
| 26 97TY-010      | 142        | 8.57       |            |
| 26 97TY-012B     | 142        | 8.57       |            |
| 26 97TY-002      | 142        | 8.58       |            |
| 26 97TY-002      | 142        | 8.58       |            |
| 26 97TY-008      | 142        | 8.62       |            |
| 26 97TY-008      | 142        | 8.62       |            |
| 26 97TY-001      | 142        | 9.12       |            |
| 26 97TY-001      | 142        | 9.12       |            |
| 62 TGS-7-1. S19  | 142        | 6.6        | 0.3        |
| 62 TGS-7-1. S19  | 142        | 6.6        | 0.3        |
| 62 FS07-14       | 142        | 7.39       | 0.23       |
| 62 FS07-14       | 142        | 7.39       | 0.23       |
| 62 FS07-3        | 142        | 7.75       | 0.27       |
| 62 FS07-3        | 142        | 7.75       | 0.27       |
| 62 FS07-11       | 142        | 7.8        | 0.22       |
| 62 FS07-11       | 142        | 7.8        | 0.22       |
| 18 NGR1-anu-zrn- | 142.036706 | 5.70709221 | 0.59508835 |
| 18 NGR1-anu-zrn- | 142.036706 | 5.70709221 | 0.59508835 |
| 31 CP1           | 143        | 4.75       |            |
| 31 CP1           | 143        | 4.75       |            |
| 59 M0-1293       | 143        | 5.9        | 0.1        |
| 59 M0-1293       | 143        | 5.9        | 0.1        |
| 62 TGS-7-1. S06  | 143        | 5.8        | 0.2        |
| 62 TGS-7-1. S06  | 143        | 5.8        | 0.2        |
| 62 TGS-7-1. S22  | 143        | 7          | 0.3        |
| 62 TGS-7-1. S22  | 143        | 7          | 0.3        |
| 62 TLS01-11      | 143        | 7.15       | 0.24       |
| 62 TLS01-11      | 143        | 7.15       | 0.24       |
| 62 WS02-11       | 143        | 7.17       | 0.44       |
| 62 WS02-11       | 143        | 7.17       | 0.44       |
| 62 WS02-13       | 143        | 7.19       | 0.25       |
| 62 WS02-13       | 143        | 7.19       | 0.25       |
| 62 WS02-7        | 143        | 7.59       | 0.17       |
| 62 WS02-7        | 143        | 7.59       | 0.17       |
| 62 WS02-2        | 143        | 7.7        | 0.32       |
| 62 WS02-2        | 143        | 7.7        | 0.32       |
| 62 WS02-14       | 143        | 7.74       | 0.32       |
| 62 WS02-14       | 143        | 7.74       | 0.32       |
| 5 SF2A           | 144        | 4.72       |            |
| 5 SF2A           | 144        | 4.72       |            |
| 62 TLS01-4       | 144        | 7.09       | 0.36       |
| 62 TLS01-4       | 144        | 7.09       | 0.36       |
| 62 TLS01-7       | 144        | 7.15       | 0.27       |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 62 TLS01-7       | 144        | 7.15       | 0.27       |
| 62 TLS01-2       | 144        | 7.82       | 0.24       |
| 62 TLS01-2       | 144        | 7.82       | 0.24       |
| 34 W5            | 145        | 6.1        |            |
| 34 W5            | 145        | 6.1        |            |
| 62 TGS-7-1. S05  | 146        | 6.1        | 0.2        |
| 62 TGS-7-1. S05  | 146        | 6.1        | 0.2        |
| 62 WS02-12       | 146        | 7.26       | 0.28       |
| 62 WS02-12       | 146        | 7.26       | 0.28       |
| 18 NIL-anu-zrn-l | 146.477248 | 5.05413735 | 0.93555678 |
| 18 NIL-anu-zrn-l | 146.477248 | 5.05413735 | 0.93555678 |
| 34 5-27-3        | 148        | 5.44       |            |
| 34 5-27-3        | 148        | 5.44       |            |
| 34 5-27-8        | 148        | 5.48       |            |
| 34 5-27-8        | 148        | 5.48       |            |
| 34 MA7           | 148        | 6.9        |            |
| 34 MA7           | 148        | 6.9        |            |
| 62 TGS-7-1. S08  | 148        | 4.7        | 0.3        |
| 62 TGS-7-1. S08  | 148        | 4.7        | 0.3        |
| 62 WS02-8        | 148        | 7.32       | 0.39       |
| 62 WS02-8        | 148        | 7.32       | 0.39       |
| 19 08LL06 6      | 149        | 5.87       | 0.42       |
| 19 08LL06 6      | 149        | 5.87       | 0.42       |
| 19 08LL06 41     | 149        | 6.09       | 0.18       |
| 19 08LL06 41     | 149        | 6.09       | 0.18       |
| 19 08LL06 3      | 149        | 6.27       | 0.35       |
| 19 08LL06 3      | 149        | 6.27       | 0.35       |
| 19 08LL06 24     | 149        | 6.45       | 0.42       |
| 19 08LL06 24     | 149        | 6.45       | 0.42       |
| 19 08LL06 30     | 149        | 6.49       | 0.2        |
| 19 08LL06 30     | 149        | 6.49       | 0.2        |
| 19 08LL06 8      | 149        | 6.5        | 0.3        |
| 19 08LL06 8      | 149        | 6.5        | 0.3        |
| 19 08LL06 42     | 149        | 6.53       | 0.21       |
| 19 08LL06 42     | 149        | 6.53       | 0.21       |
| 19 08LL06 45     | 149        | 6.55       | 0.17       |
| 19 08LL06 45     | 149        | 6.55       | 0.17       |
| 19 08LL06 14     | 149        | 6.7        | 0.32       |
| 19 08LL06 14     | 149        | 6.7        | 0.32       |
| 19 08LL06 36     | 149        | 6.77       | 0.44       |
| 19 08LL06 36     | 149        | 6.77       | 0.44       |
| 19 08LL06 43     | 149        | 6.8        | 0.31       |
| 19 08LL06 43     | 149        | 6.8        | 0.31       |
| 19 08LL06 54     | 149        | 6.86       | 0.23       |
| 19 08LL06 54     | 149        | 6.86       | 0.23       |

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|--------------|-----|------|------|
| 19 08LL06 53 | 149 | 6.9  | 0.19 |
| 19 08LL06 53 | 149 | 6.9  | 0.19 |
| 19 08LL06 52 | 149 | 6.95 | 0.22 |
| 19 08LL06 52 | 149 | 6.95 | 0.22 |
| 19 08LL06 15 | 149 | 6.95 | 0.41 |
| 19 08LL06 15 | 149 | 6.95 | 0.41 |
| 19 08LL06 26 | 149 | 6.99 | 0.24 |
| 19 08LL06 26 | 149 | 6.99 | 0.24 |
| 19 08LL06 22 | 149 | 7.24 | 0.29 |
| 19 08LL06 22 | 149 | 7.24 | 0.29 |
| 19 08LL06 58 | 149 | 7.74 | 0.26 |
| 19 08LL06 58 | 149 | 7.74 | 0.26 |
| 19 08LL06 1  | 149 | 8.02 | 0.34 |
| 19 08LL06 1  | 149 | 8.02 | 0.34 |
| 62 FS07-13   | 149 | 8.08 | 0.27 |
| 62 FS07-13   | 149 | 8.08 | 0.27 |
| 19 08LS01 13 | 150 | 7.08 | 0.31 |
| 19 08LS01 13 | 150 | 7.08 | 0.31 |
| 19 08LS01 5  | 150 | 7.12 | 0.31 |
| 19 08LS01 5  | 150 | 7.12 | 0.31 |
| 19 08LS01 19 | 150 | 7.14 | 0.35 |
| 19 08LS01 19 | 150 | 7.14 | 0.35 |
| 19 08LS01 8  | 150 | 7.43 | 0.31 |
| 19 08LS01 8  | 150 | 7.43 | 0.31 |
| 19 08LS01 12 | 150 | 7.46 | 0.37 |
| 19 08LS01 12 | 150 | 7.46 | 0.37 |
| 19 08LS01 9  | 150 | 7.47 | 0.28 |
| 19 08LS01 9  | 150 | 7.47 | 0.28 |
| 19 08LS01 3  | 150 | 7.5  | 0.22 |
| 19 08LS01 3  | 150 | 7.5  | 0.22 |
| 19 08LS01 22 | 150 | 7.67 | 0.31 |
| 19 08LS01 22 | 150 | 7.67 | 0.31 |
| 19 08LS01 20 | 150 | 7.88 | 0.35 |
| 19 08LS01 20 | 150 | 7.88 | 0.35 |
| 19 08LS01 7  | 150 | 7.9  | 0.39 |
| 19 08LS01 7  | 150 | 7.9  | 0.39 |
| 19 08LS01 23 | 150 | 7.92 | 0.32 |
| 19 08LS01 23 | 150 | 7.92 | 0.32 |
| 19 08LS01 16 | 150 | 8.16 | 0.21 |
| 19 08LS01 16 | 150 | 8.16 | 0.21 |
| 19 08LS01 2  | 150 | 8.27 | 0.27 |
| 19 08LS01 2  | 150 | 8.27 | 0.27 |
| 19 08LS01 17 | 150 | 8.32 | 0.42 |
| 19 08LS01 17 | 150 | 8.32 | 0.42 |
| 19 08LS01 21 | 150 | 8.42 | 0.28 |



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|------------------|------------|------------|------------|
| 19 08LS01 21     | 150        | 8.42       | 0.28       |
| 19 08LS01 14     | 150        | 8.45       | 0.31       |
| 19 08LS01 14     | 150        | 8.45       | 0.31       |
| 62 TLS01-10      | 150        | 6.98       | 0.44       |
| 62 TLS01-10      | 150        | 6.98       | 0.44       |
| 62 FS07-8        | 150        | 7.91       | 0.39       |
| 62 FS07-8        | 150        | 7.91       | 0.39       |
| 62 WS02-5        | 151        | 7.59       | 0.2        |
| 62 WS02-5        | 151        | 7.59       | 0.2        |
| 5 SF2A           | 152        | 4.33       |            |
| 5 SF2A           | 152        | 4.33       |            |
| 34 5-27-9        | 152        | 6.68       |            |
| 34 5-27-9        | 152        | 6.68       |            |
| 76 XY18-1        | 152.4      | 9.11       |            |
| 5 SF2A           | 153        | 3.73       |            |
| 5 SF2A           | 153        | 3.73       |            |
| 34 8-38a         | 153        | 7.37       |            |
| 34 8-38a         | 153        | 7.37       |            |
| 76 XY17-6        | 154        | 8.98       |            |
| 60 p11-104       | 155        | 4.6        | 0.4        |
| 60 p11-104       | 155        | 4.6        | 0.4        |
| 18 NGR1-anu-zrn- | 155.166165 | 6.54797975 | 0.59880561 |
| 18 NGR1-anu-zrn- | 155.166165 | 6.54797975 | 0.59880561 |
| 19 08LL02 7      | 156        | 6.76       | 0.28       |
| 19 08LL02 7      | 156        | 6.76       | 0.28       |
| 19 08LL02 6      | 156        | 6.9        | 0.24       |
| 19 08LL02 6      | 156        | 6.9        | 0.24       |
| 19 08LL02 24     | 156        | 7.3        | 0.28       |
| 19 08LL02 24     | 156        | 7.3        | 0.28       |
| 19 08LL02 1      | 156        | 7.37       | 0.3        |
| 19 08LL02 1      | 156        | 7.37       | 0.3        |
| 19 08LL02 21     | 156        | 7.54       | 0.23       |
| 19 08LL02 21     | 156        | 7.54       | 0.23       |
| 19 08LL02 9      | 156        | 7.59       | 0.33       |
| 19 08LL02 9      | 156        | 7.59       | 0.33       |
| 19 08LL02 26     | 156        | 7.61       | 0.24       |
| 19 08LL02 26     | 156        | 7.61       | 0.24       |
| 19 08LL02 10     | 156        | 7.71       | 0.28       |
| 19 08LL02 10     | 156        | 7.71       | 0.28       |
| 19 08LL02 12     | 156        | 7.74       | 0.38       |
| 19 08LL02 12     | 156        | 7.74       | 0.38       |
| 19 08LL02 4      | 156        | 7.79       | 0.36       |
| 19 08LL02 4      | 156        | 7.79       | 0.36       |
| 19 08LL02 23     | 156        | 7.86       | 0.35       |
| 19 08LL02 23     | 156        | 7.86       | 0.35       |

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|--------------|-----|------|------|
| 19 08LL02 11 | 156 | 8.1  | 0.4  |
| 19 08LL02 11 | 156 | 8.1  | 0.4  |
| 19 08LL02 16 | 156 | 8.22 | 0.37 |
| 19 08LL02 16 | 156 | 8.22 | 0.37 |
| 19 08LL02 3  | 156 | 8.29 | 0.28 |
| 19 08LL02 3  | 156 | 8.29 | 0.28 |
| 19 08LL02 17 | 156 | 8.31 | 0.18 |
| 19 08LL02 17 | 156 | 8.31 | 0.18 |
| 19 08LL02 15 | 156 | 8.31 | 0.35 |
| 19 08LL02 15 | 156 | 8.31 | 0.35 |
| 19 08LL02 5  | 156 | 8.34 | 0.35 |
| 19 08LL02 5  | 156 | 8.34 | 0.35 |
| 19 08LL02 14 | 156 | 8.55 | 0.36 |
| 19 08LL02 14 | 156 | 8.55 | 0.36 |
| 19 08LL02 18 | 156 | 8.78 | 0.23 |
| 19 08LL02 18 | 156 | 8.78 | 0.23 |
| 34 19937     | 156 | 6.29 |      |
| 34 19937     | 156 | 6.29 |      |
| 59 M0-1274   | 157 | 5.3  | 0.1  |
| 59 M0-1274   | 157 | 5.3  | 0.1  |
| 15 XHS-37@5  | 158 | 6.93 | 0.31 |
| 15 XHS-37@5  | 158 | 6.93 | 0.31 |
| 15 XHS-37@8  | 158 | 7.45 | 0.28 |
| 15 XHS-37@8  | 158 | 7.45 | 0.28 |
| 15 XHS-37@4  | 158 | 7.47 | 0.31 |
| 15 XHS-37@4  | 158 | 7.47 | 0.31 |
| 15 XHS-37@3  | 158 | 8.19 | 0.37 |
| 15 XHS-37@3  | 158 | 8.19 | 0.37 |
| 15 XHS-37@12 | 158 | 8.2  | 0.41 |
| 15 XHS-37@12 | 158 | 8.2  | 0.41 |
| 15 XHS-37@15 | 158 | 8.24 | 0.3  |
| 15 XHS-37@15 | 158 | 8.24 | 0.3  |
| 15 XHS-37@11 | 158 | 8.79 | 0.24 |
| 15 XHS-37@11 | 158 | 8.79 | 0.24 |
| 15 XHS-37@16 | 158 | 8.96 | 0.3  |
| 15 XHS-37@16 | 158 | 8.96 | 0.3  |
| 15 XHS-37@1  | 158 | 9.02 | 0.48 |
| 15 XHS-37@1  | 158 | 9.02 | 0.48 |
| 15 XHS-37@30 | 158 | 9.03 | 0.17 |
| 15 XHS-37@30 | 158 | 9.03 | 0.17 |
| 15 XHS-37@35 | 158 | 9.14 | 0.34 |
| 15 XHS-37@35 | 158 | 9.14 | 0.34 |
| 15 XHS-37@22 | 158 | 9.15 | 0.39 |
| 15 XHS-37@22 | 158 | 9.15 | 0.39 |
| 15 XHS-37@32 | 158 | 9.16 | 0.27 |

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|--------------|-----|-------|------|
| 15 XHS-37@32 | 158 | 9.16  | 0.27 |
| 15 XHS-37@34 | 158 | 9.21  | 0.26 |
| 15 XHS-37@34 | 158 | 9.21  | 0.26 |
| 15 XHS-37@6  | 158 | 9.24  | 0.29 |
| 15 XHS-37@6  | 158 | 9.24  | 0.29 |
| 15 XHS-37@13 | 158 | 9.29  | 0.22 |
| 15 XHS-37@13 | 158 | 9.29  | 0.22 |
| 15 XHS-37@27 | 158 | 9.29  | 0.29 |
| 15 XHS-37@27 | 158 | 9.29  | 0.29 |
| 15 XHS-37@17 | 158 | 9.31  | 0.31 |
| 15 XHS-37@17 | 158 | 9.31  | 0.31 |
| 15 XHS-37@24 | 158 | 9.33  | 0.32 |
| 15 XHS-37@24 | 158 | 9.33  | 0.32 |
| 15 XHS-37@21 | 158 | 9.35  | 0.4  |
| 15 XHS-37@21 | 158 | 9.35  | 0.4  |
| 15 XHS-37@26 | 158 | 9.41  | 0.38 |
| 15 XHS-37@26 | 158 | 9.41  | 0.38 |
| 15 XHS-37@25 | 158 | 9.43  | 0.2  |
| 15 XHS-37@25 | 158 | 9.43  | 0.2  |
| 15 XHS-37@28 | 158 | 9.44  | 0.26 |
| 15 XHS-37@28 | 158 | 9.44  | 0.26 |
| 15 XHS-37@23 | 158 | 9.49  | 0.28 |
| 15 XHS-37@23 | 158 | 9.49  | 0.28 |
| 15 XHS-37@29 | 158 | 9.5   | 0.22 |
| 15 XHS-37@29 | 158 | 9.5   | 0.22 |
| 15 XHS-37@33 | 158 | 9.5   | 0.36 |
| 15 XHS-37@33 | 158 | 9.5   | 0.36 |
| 15 XHS-37@31 | 158 | 9.55  | 0.19 |
| 15 XHS-37@31 | 158 | 9.55  | 0.19 |
| 15 XHS-37@20 | 158 | 9.57  | 0.37 |
| 15 XHS-37@20 | 158 | 9.57  | 0.37 |
| 15 XHS-37@10 | 158 | 9.58  | 0.16 |
| 15 XHS-37@10 | 158 | 9.58  | 0.16 |
| 15 XHS-37@14 | 158 | 9.66  | 0.25 |
| 15 XHS-37@14 | 158 | 9.66  | 0.25 |
| 15 XHS-37@18 | 158 | 9.67  | 0.21 |
| 15 XHS-37@18 | 158 | 9.67  | 0.21 |
| 15 XHS-37@19 | 158 | 9.67  | 0.24 |
| 15 XHS-37@19 | 158 | 9.67  | 0.24 |
| 15 XHS-37@7  | 158 | 9.74  | 0.22 |
| 15 XHS-37@7  | 158 | 9.74  | 0.22 |
| 15 XHS-37@2  | 158 | 9.95  | 0.27 |
| 15 XHS-37@2  | 158 | 9.95  | 0.27 |
| 15 XHS-37@9  | 158 | 11.23 | 0.16 |
| 15 XHS-37@9  | 158 | 11.23 | 0.16 |

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| 15 XHS-4@20  | 159 | 7.85 | 0.28 |
| 15 XHS-4@7   | 159 | 7.85 | 0.28 |
| 15 XHS-4@20  | 159 | 7.85 | 0.28 |
| 15 XHS-4@7   | 159 | 7.85 | 0.28 |
| 15 XHS-4@18  | 159 | 7.89 | 0.34 |
| 15 XHS-4@18  | 159 | 7.89 | 0.34 |
| 15 XHS-15@2  | 159 | 7.92 | 0.25 |
| 15 XHS-15@2  | 159 | 7.92 | 0.25 |
| 15 XHS-15@17 | 159 | 8.06 | 0.28 |
| 15 XHS-15@17 | 159 | 8.06 | 0.28 |
| 15 XHS-15@27 | 159 | 8.09 | 0.24 |
| 15 XHS-15@27 | 159 | 8.09 | 0.24 |
| 15 XHS-15@28 | 159 | 8.27 | 0.35 |
| 15 XHS-15@28 | 159 | 8.27 | 0.35 |
| 15 XHS-4@25  | 159 | 8.31 | 0.3  |
| 15 XHS-4@25  | 159 | 8.31 | 0.3  |
| 15 XHS-4@24  | 159 | 8.32 | 0.12 |
| 15 XHS-4@24  | 159 | 8.32 | 0.12 |
| 15 XHS-4@15  | 159 | 8.44 | 0.27 |
| 15 XHS-4@15  | 159 | 8.44 | 0.27 |
| 15 XHS-15@16 | 159 | 8.46 | 0.25 |
| 15 XHS-15@16 | 159 | 8.46 | 0.25 |
| 15 XHS-15@26 | 159 | 8.54 | 0.21 |
| 15 XHS-15@26 | 159 | 8.54 | 0.21 |
| 15 XHS-15@29 | 159 | 8.56 | 0.3  |
| 15 XHS-15@29 | 159 | 8.56 | 0.3  |
| 15 XHS-4@9   | 159 | 8.59 | 0.33 |
| 15 XHS-4@9   | 159 | 8.59 | 0.33 |
| 15 XHS-15@18 | 159 | 8.61 | 0.17 |
| 15 XHS-15@18 | 159 | 8.61 | 0.17 |
| 15 XHS-4@21  | 159 | 8.61 | 0.21 |
| 15 XHS-4@21  | 159 | 8.61 | 0.21 |
| 15 XHS-15@1  | 159 | 8.61 | 0.4  |
| 15 XHS-15@1  | 159 | 8.61 | 0.4  |
| 15 XHS-4@19  | 159 | 8.65 | 0.24 |
| 15 XHS-4@19  | 159 | 8.65 | 0.24 |
| 15 XHS-15@25 | 159 | 8.66 | 0.28 |
| 15 XHS-15@25 | 159 | 8.66 | 0.28 |
| 15 XHS-4@6   | 159 | 8.74 | 0.22 |
| 15 XHS-4@6   | 159 | 8.74 | 0.22 |
| 15 XHS-15@9  | 159 | 8.79 | 0.2  |
| 15 XHS-15@9  | 159 | 8.79 | 0.2  |
| 15 XHS-4@14  | 159 | 8.79 | 0.52 |
| 15 XHS-4@14  | 159 | 8.79 | 0.52 |
| 15 XHS-4@26  | 159 | 8.81 | 0.33 |

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|--------------|-----|------|------|
| 15 XHS-4@26  | 159 | 8.81 | 0.33 |
| 15 XHS-4@10  | 159 | 8.84 | 0.26 |
| 15 XHS-4@10  | 159 | 8.84 | 0.26 |
| 15 XHS-4@33  | 159 | 8.86 | 0.11 |
| 15 XHS-4@33  | 159 | 8.86 | 0.11 |
| 15 XHS-15@22 | 159 | 8.92 | 0.21 |
| 15 XHS-15@22 | 159 | 8.92 | 0.21 |
| 15 XHS-4@3   | 159 | 9    | 0.32 |
| 15 XHS-4@3   | 159 | 9    | 0.32 |
| 15 XHS-15@20 | 159 | 9.06 | 0.29 |
| 15 XHS-15@20 | 159 | 9.06 | 0.29 |
| 15 XHS-4@30  | 159 | 9.11 | 0.17 |
| 15 XHS-4@30  | 159 | 9.11 | 0.17 |
| 15 XHS-15@14 | 159 | 9.12 | 0.31 |
| 15 XHS-15@14 | 159 | 9.12 | 0.31 |
| 15 XHS-15@5  | 159 | 9.16 | 0.39 |
| 15 XHS-15@5  | 159 | 9.16 | 0.39 |
| 15 XHS-15@6  | 159 | 9.17 | 0.35 |
| 15 XHS-15@6  | 159 | 9.17 | 0.35 |
| 15 XHS-15@4  | 159 | 9.18 | 0.23 |
| 15 XHS-15@4  | 159 | 9.18 | 0.23 |
| 15 XHS-15@21 | 159 | 9.19 | 0.29 |
| 15 XHS-15@21 | 159 | 9.19 | 0.29 |
| 15 XHS-4@4   | 159 | 9.2  | 0.26 |
| 15 XHS-4@4   | 159 | 9.2  | 0.26 |
| 15 XHS-4@28  | 159 | 9.21 | 0.28 |
| 15 XHS-4@28  | 159 | 9.21 | 0.28 |
| 15 XHS-4@29  | 159 | 9.23 | 0.21 |
| 15 XHS-4@29  | 159 | 9.23 | 0.21 |
| 15 XHS-15@15 | 159 | 9.27 | 0.27 |
| 15 XHS-15@15 | 159 | 9.27 | 0.27 |
| 15 XHS-15@12 | 159 | 9.28 | 0.23 |
| 15 XHS-15@12 | 159 | 9.28 | 0.23 |
| 15 XHS-15@19 | 159 | 9.29 | 0.19 |
| 15 XHS-15@19 | 159 | 9.29 | 0.19 |
| 15 XHS-15@3  | 159 | 9.29 | 0.43 |
| 15 XHS-15@3  | 159 | 9.29 | 0.43 |
| 15 XHS-4@12  | 159 | 9.31 | 0.25 |
| 15 XHS-4@12  | 159 | 9.31 | 0.25 |
| 15 XHS-15@10 | 159 | 9.32 | 0.35 |
| 15 XHS-15@10 | 159 | 9.32 | 0.35 |
| 15 XHS-15@8  | 159 | 9.34 | 0.43 |
| 15 XHS-15@8  | 159 | 9.34 | 0.43 |
| 15 XHS-4@17  | 159 | 9.35 | 0.22 |
| 15 XHS-4@17  | 159 | 9.35 | 0.22 |

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|-----------------|-------|------|------|
| 15 XHS-15@11    | 159   | 9.35 | 0.3  |
| 15 XHS-15@11    | 159   | 9.35 | 0.3  |
| 15 XHS-15@23    | 159   | 9.36 | 0.14 |
| 15 XHS-15@23    | 159   | 9.36 | 0.14 |
| 15 XHS-4@11     | 159   | 9.39 | 0.32 |
| 15 XHS-4@11     | 159   | 9.39 | 0.32 |
| 15 XHS-15@13    | 159   | 9.42 | 0.31 |
| 15 XHS-15@13    | 159   | 9.42 | 0.31 |
| 15 XHS-4@16     | 159   | 9.48 | 0.32 |
| 15 XHS-4@16     | 159   | 9.48 | 0.32 |
| 15 XHS-15@24    | 159   | 9.52 | 0.21 |
| 15 XHS-15@24    | 159   | 9.52 | 0.21 |
| 15 XHS-4@13     | 159   | 9.54 | 0.44 |
| 15 XHS-4@13     | 159   | 9.54 | 0.44 |
| 15 XHS-4@23     | 159   | 9.56 | 0.27 |
| 15 XHS-4@23     | 159   | 9.56 | 0.27 |
| 15 XHS-4@27     | 159   | 9.64 | 0.2  |
| 15 XHS-4@27     | 159   | 9.64 | 0.2  |
| 15 XHS-15@7     | 159   | 9.67 | 0.2  |
| 15 XHS-15@7     | 159   | 9.67 | 0.2  |
| 15 XHS-4@1      | 159   | 9.68 | 0.29 |
| 15 XHS-4@1      | 159   | 9.68 | 0.29 |
| 15 XHS-4@32     | 159   | 9.7  | 0.2  |
| 15 XHS-4@32     | 159   | 9.7  | 0.2  |
| 15 XHS-4@5      | 159   | 9.77 | 0.2  |
| 15 XHS-4@5      | 159   | 9.77 | 0.2  |
| 15 XHS-4@8      | 159   | 9.86 | 0.69 |
| 15 XHS-4@8      | 159   | 9.86 | 0.69 |
| 15 XHS-4@22     | 159   | 9.91 | 0.22 |
| 15 XHS-4@22     | 159   | 9.91 | 0.22 |
| 15 XHS-4@2      | 159   | 9.94 | 0.27 |
| 15 XHS-4@2      | 159   | 9.94 | 0.27 |
| 15 XHS-4@31     | 159   | 9.94 | 0.36 |
| 15 XHS-4@31     | 159   | 9.94 | 0.36 |
| 34 77-7         | 159   | 5.6  |      |
| 34 77-7         | 159   | 5.6  |      |
| 26 95BR-133     | 160   | 7.8  |      |
| 26 95BR-133     | 160   | 7.8  |      |
| 34 41109        | 160   | 5.51 |      |
| 34 41109        | 160   | 5.51 |      |
| 62 TGS-7-1. S04 | 160   | 6.3  | 0.4  |
| 62 TGS-7-1. S04 | 160   | 6.3  | 0.4  |
| 62 FS07-6       | 160   | 8.26 | 0.29 |
| 62 FS07-6       | 160   | 8.26 | 0.29 |
| 72 XHS-4        | 160.4 | 9.07 |      |

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|--------------|-------|-------|------|
| 15 XHS-22@12 | 161   | 6.98  | 0.5  |
| 15 XHS-22@12 | 161   | 6.98  | 0.5  |
| 15 XHS-22@17 | 161   | 7.14  | 0.32 |
| 15 XHS-22@17 | 161   | 7.14  | 0.32 |
| 15 XHS-22@14 | 161   | 7.15  | 0.28 |
| 15 XHS-22@14 | 161   | 7.15  | 0.28 |
| 15 XHS-22@1  | 161   | 7.22  | 0.34 |
| 15 XHS-22@1  | 161   | 7.22  | 0.34 |
| 15 XHS-22@13 | 161   | 7.32  | 0.33 |
| 15 XHS-22@13 | 161   | 7.32  | 0.33 |
| 15 XHS-22@7  | 161   | 7.52  | 0.25 |
| 15 XHS-22@7  | 161   | 7.52  | 0.25 |
| 15 XHS-22@16 | 161   | 7.53  | 0.16 |
| 15 XHS-22@16 | 161   | 7.53  | 0.16 |
| 15 XHS-22@9  | 161   | 7.62  | 0.24 |
| 15 XHS-22@9  | 161   | 7.62  | 0.24 |
| 15 XHS-22@4  | 161   | 8.38  | 0.28 |
| 15 XHS-22@4  | 161   | 8.38  | 0.28 |
| 15 XHS-22@20 | 161   | 8.39  | 0.27 |
| 15 XHS-22@20 | 161   | 8.39  | 0.27 |
| 15 XHS-22@5  | 161   | 8.57  | 0.3  |
| 15 XHS-22@5  | 161   | 8.57  | 0.3  |
| 15 XHS-22@2  | 161   | 8.69  | 0.18 |
| 15 XHS-22@2  | 161   | 8.69  | 0.18 |
| 15 XHS-22@19 | 161   | 8.78  | 0.27 |
| 15 XHS-22@19 | 161   | 8.78  | 0.27 |
| 15 XHS-22@6  | 161   | 8.92  | 0.24 |
| 15 XHS-22@6  | 161   | 8.92  | 0.24 |
| 15 XHS-22@18 | 161   | 9.15  | 0.36 |
| 15 XHS-22@18 | 161   | 9.15  | 0.36 |
| 15 XHS-22@3  | 161   | 9.18  | 0.2  |
| 15 XHS-22@3  | 161   | 9.18  | 0.2  |
| 15 XHS-22@11 | 161   | 10.07 | 0.24 |
| 15 XHS-22@11 | 161   | 10.07 | 0.24 |
| 34 95BR042   | 161   | 6.83  |      |
| 34 95BR042   | 161   | 6.83  |      |
| 34 MA9       | 161   | 7.35  |      |
| 34 MA9       | 161   | 7.35  |      |
| 31 89KK1a    | 162   | 5.81  |      |
| 31 89KK1a    | 162   | 5.81  |      |
| 72 XHS-15    | 162.3 | 8.95  |      |
| 83 ALP3-6.1  | 162.8 | 4.92  |      |
| 19 08LL07 11 | 163   | 3.94  | 0.28 |
| 19 08LL07 11 | 163   | 3.94  | 0.28 |
| 19 08LL07 38 | 163   | 4.48  | 0.41 |

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|--------------|-----|------|------|
| 19 08LL07 38 | 163 | 4.48 | 0.41 |
| 19 08LL07 41 | 163 | 4.64 | 0.33 |
| 19 08LL07 41 | 163 | 4.64 | 0.33 |
| 19 08LL07 36 | 163 | 6.2  | 0.3  |
| 19 08LL07 36 | 163 | 6.2  | 0.3  |
| 19 08LL07 24 | 163 | 6.23 | 0.37 |
| 19 08LL07 24 | 163 | 6.23 | 0.37 |
| 19 08LL07 31 | 163 | 6.32 | 0.43 |
| 19 08LL07 31 | 163 | 6.32 | 0.43 |
| 19 08LL07 65 | 163 | 6.38 | 0.5  |
| 19 08LL07 65 | 163 | 6.38 | 0.5  |
| 19 08LL07 43 | 163 | 6.47 | 0.23 |
| 19 08LL07 43 | 163 | 6.47 | 0.23 |
| 19 08LL07 45 | 163 | 6.57 | 0.39 |
| 19 08LL07 45 | 163 | 6.57 | 0.39 |
| 19 08LL07 64 | 163 | 6.66 | 0.34 |
| 19 08LL07 64 | 163 | 6.66 | 0.34 |
| 19 08LL07 48 | 163 | 6.71 | 0.3  |
| 19 08LL07 48 | 163 | 6.71 | 0.3  |
| 19 08LL07 10 | 163 | 6.72 | 0.19 |
| 19 08LL07 10 | 163 | 6.72 | 0.19 |
| 19 08LL07 54 | 163 | 6.8  | 0.26 |
| 19 08LL07 54 | 163 | 6.8  | 0.26 |
| 19 08LL07 23 | 163 | 6.82 | 0.24 |
| 19 08LL07 23 | 163 | 6.82 | 0.24 |
| 19 08LL07 52 | 163 | 6.82 | 0.34 |
| 19 08LL07 52 | 163 | 6.82 | 0.34 |
| 19 08LL07 15 | 163 | 6.9  | 0.25 |
| 19 08LL07 15 | 163 | 6.9  | 0.25 |
| 19 08LL07 58 | 163 | 6.94 | 0.45 |
| 19 08LL07 58 | 163 | 6.94 | 0.45 |
| 19 08LL07 22 | 163 | 7    | 0.31 |
| 19 08LL07 22 | 163 | 7    | 0.31 |
| 19 08LL07 21 | 163 | 7.14 | 0.23 |
| 19 08LL07 21 | 163 | 7.14 | 0.23 |
| 19 08LL07 6  | 163 | 7.89 | 0.33 |
| 19 08LL07 6  | 163 | 7.89 | 0.33 |
| 34 OW19      | 163 | 6.76 |      |
| 34 OW19      | 163 | 6.76 |      |
| 59 MO-1109   | 163 | 12   | 0.4  |
| 59 MO-1109   | 163 | 12   | 0.4  |
| 31 L4P235A   | 164 | 6.41 |      |
| 31 L4P235A   | 164 | 6.41 |      |
| 34 1S125     | 164 | 6.75 |      |
| 34 1S125     | 164 | 6.75 |      |



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|--------------|-----|------|------|
| 34 1S126     | 164 | 6.82 |      |
| 34 1S126     | 164 | 6.82 |      |
| 26 Y-818     | 165 | 5.76 |      |
| 26 Y-818     | 165 | 5.76 |      |
| 26 95BR-136  | 165 | 6.24 |      |
| 26 95BR-136  | 165 | 6.24 |      |
| 26 95BR-135  | 165 | 7.82 |      |
| 26 95BR-135  | 165 | 7.82 |      |
| 31 L4P054A   | 165 | 6.34 |      |
| 31 L4P054A   | 165 | 6.34 |      |
| 33 1S128     | 165 | 7.89 |      |
| 33 1S128     | 165 | 7.89 |      |
| 34 95BR061   | 165 | 7.56 |      |
| 34 95BR061   | 165 | 7.56 |      |
| 34 95BR062   | 165 | 7.61 |      |
| 34 95BR062   | 165 | 7.61 |      |
| 34 95BR064   | 165 | 7.63 |      |
| 34 95BR064   | 165 | 7.63 |      |
| 19 08LL05 15 | 166 | 0.67 | 0.26 |
| 19 08LL05 15 | 166 | 0.67 | 0.26 |
| 19 08LL04 8  | 166 | 1.38 | 0.32 |
| 19 08LL04 8  | 166 | 1.38 | 0.32 |
| 19 08LL04 12 | 166 | 2.29 | 0.42 |
| 19 08LL04 12 | 166 | 2.29 | 0.42 |
| 19 08LL04 59 | 166 | 2.36 | 0.33 |
| 19 08LL04 59 | 166 | 2.36 | 0.33 |
| 19 08LL04 11 | 166 | 4.11 | 0.32 |
| 19 08LL04 11 | 166 | 4.11 | 0.32 |
| 19 08LL04 55 | 166 | 4.31 | 0.4  |
| 19 08LL04 55 | 166 | 4.31 | 0.4  |
| 19 08LL05 37 | 166 | 4.35 | 0.17 |
| 19 08LL05 37 | 166 | 4.35 | 0.17 |
| 19 08LL04 36 | 166 | 4.5  | 0.26 |
| 19 08LL04 36 | 166 | 4.5  | 0.26 |
| 19 08LL04 28 | 166 | 4.5  | 0.31 |
| 19 08LL04 28 | 166 | 4.5  | 0.31 |
| 19 08LL04 40 | 166 | 4.65 | 0.21 |
| 19 08LL04 40 | 166 | 4.65 | 0.21 |
| 19 08LL05 33 | 166 | 4.72 | 0.23 |
| 19 08LL05 33 | 166 | 4.72 | 0.23 |
| 19 08LL05 16 | 166 | 4.94 | 0.35 |
| 19 08LL05 16 | 166 | 4.94 | 0.35 |
| 19 08LL05 40 | 166 | 5.01 | 0.25 |
| 19 08LL05 40 | 166 | 5.01 | 0.25 |
| 19 08LL05 6  | 166 | 5.01 | 0.31 |

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| 19 08LL05 6      | 166        | 5.01       | 0.31       |
| 19 08LL05 32     | 166        | 5.19       | 0.26       |
| 19 08LL05 32     | 166        | 5.19       | 0.26       |
| 19 08LL05 39     | 166        | 5.24       | 0.29       |
| 19 08LL05 39     | 166        | 5.24       | 0.29       |
| 19 08LL05 42     | 166        | 5.34       | 0.26       |
| 19 08LL05 42     | 166        | 5.34       | 0.26       |
| 19 08LL04 52     | 166        | 5.41       | 0.36       |
| 19 08LL04 52     | 166        | 5.41       | 0.36       |
| 19 08LL04 57     | 166        | 5.44       | 0.36       |
| 19 08LL04 57     | 166        | 5.44       | 0.36       |
| 19 08LL04 42     | 166        | 6.29       | 0.44       |
| 19 08LL04 42     | 166        | 6.29       | 0.44       |
| 72 XHS-22        | 166.3      | 8.15       |            |
| 83 ALP3-6.3      | 166.4      | 5.42       |            |
| 31 L4P124A       | 167        | 6.33       |            |
| 31 L4P124A       | 167        | 6.33       |            |
| 34 95BR036       | 168        | 7.01       |            |
| 34 95BR036       | 168        | 7.01       |            |
| 18 NGR1-anu-zrn- | 168.353992 | 5.89461425 | 0.59655482 |
| 18 NGR1-anu-zrn- | 168.353992 | 5.89461425 | 0.59655482 |
| 26 Y-781         | 169        | 5.14       |            |
| 26 Y-781         | 169        | 5.14       |            |
| 26 Y-767         | 169        | 5.6        |            |
| 26 Y-767         | 169        | 5.6        |            |
| 26 95BR-006      | 169        | 7.11       |            |
| 26 95BR-006      | 169        | 7.11       |            |
| 26 95BR-007      | 169        | 7.21       |            |
| 26 95BR-007      | 169        | 7.21       |            |
| 26 NP-1          | 169        | 7.22       |            |
| 26 NP-1          | 169        | 7.22       |            |
| 26 95BR-014      | 169        | 7.25       |            |
| 26 95BR-014      | 169        | 7.25       |            |
| 26 95BR-012      | 169        | 7.33       |            |
| 26 95BR-012      | 169        | 7.33       |            |
| 26 95BR-008      | 169        | 7.38       |            |
| 26 95BR-008      | 169        | 7.38       |            |
| 26 95BR-016      | 169        | 7.41       |            |
| 26 95BR-016      | 169        | 7.41       |            |
| 26 95BR-015      | 169        | 7.42       |            |
| 26 95BR-015      | 169        | 7.42       |            |
| 26 95BR-010      | 169        | 7.44       |            |
| 26 95BR-010      | 169        | 7.44       |            |
| 26 95BR-009      | 169        | 7.45       |            |
| 26 95BR-009      | 169        | 7.45       |            |

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|------------------|------------|-----------|------------|
| 26 95BR-013      | 169        | 7.53      |            |
| 26 95BR-013      | 169        | 7.53      |            |
| 26 Jep           | 170        | 5.85      |            |
| 26 Jep           | 170        | 5.85      |            |
| 26 BK-38         | 172        | 5.41      |            |
| 26 BK-38         | 172        | 5.41      |            |
| 86 09D64         | 172        | 5.47      |            |
| 10 1746-19b      | 173        | 8.6       | 0.6        |
| 10 1746-19b      | 173        | 8.6       | 0.6        |
| 50 UB95          | 173        | 7.07      |            |
| 50 UB95          | 173        | 7.07      |            |
| 60 p11-135       | 173        | 3.9       | 0.2        |
| 60 p11-135       | 173        | 3.9       | 0.2        |
| 86 09D45         | 174        | 5.46      |            |
| 34 F1-57         | 175        | 6.44      |            |
| 34 F1-57         | 175        | 6.44      |            |
| 34 40965         | 175        | 6.99      |            |
| 34 40965         | 175        | 6.99      |            |
| 34 95BR063       | 175        | 7.26      |            |
| 34 95BR063       | 175        | 7.26      |            |
| 86 09D52         | 175        | 5.36      |            |
| 26 Javp          | 180        | 5.36      |            |
| 26 Javp          | 180        | 5.36      |            |
| 26 Jbz           | 180        | 5.64      |            |
| 26 Jbz           | 180        | 5.64      |            |
| 26 Jbd           | 180        | 5.78      |            |
| 26 Jbd           | 180        | 5.78      |            |
| 26 Jnyp          | 180        | 5.85      |            |
| 26 Jnyp          | 180        | 5.85      |            |
| 59 M0-1340       | 180        | 4.6       | 0.1        |
| 59 M0-1340       | 180        | 4.6       | 0.1        |
| 59 M0-1233       | 180        | 5.5       | 0.1        |
| 59 M0-1233       | 180        | 5.5       | 0.1        |
| 56 Lechner Dike  | 183        | 6.09      |            |
| 56 Lechner Dike  | 183        | 6.09      |            |
| 26 Jt            | 185        | 6.39      |            |
| 26 Jt            | 185        | 6.39      |            |
| 18 NGR1-anu-zrn- | 188.264825 | 6.2254262 | 0.59206324 |
| 18 NGR1-anu-zrn- | 188.264825 | 6.2254262 | 0.59206324 |
| 59 M0-998        | 189        | 6.4       | 0.3        |
| 59 M0-998        | 189        | 6.4       | 0.3        |
| 59 M0-1271       | 191        | 4.9       | 0.2        |
| 59 M0-1271       | 191        | 4.9       | 0.2        |
| 10 2606-22b      | 193        | 6         | 0.4        |
| 10 2606-22b      | 193        | 6         | 0.4        |

|                  |            |            |          |
|------------------|------------|------------|----------|
| 10 2606-22a      | 194        | 5.6        | 0.4      |
| 10 2606-22a      | 194        | 5.6        | 0.4      |
| 19 08LL04 13     | 197        | -1.14      | 0.28     |
| 19 08LL04 13     | 197        | -1.14      | 0.28     |
| 19 08LL04 34     | 200        | 4.14       | 0.25     |
| 19 08LL04 34     | 200        | 4.14       | 0.25     |
| 26 Jbc           | 201        | 5.45       |          |
| 26 Jbc           | 201        | 5.45       |          |
| 34 1S132         | 201        | 5.48       |          |
| 34 1S132         | 201        | 5.48       |          |
| 34 MA5           | 201        | 7.4        |          |
| 34 MA5           | 201        | 7.4        |          |
| 19 08LL04 39     | 202        | 0.5        | 0.32     |
| 19 08LL04 39     | 202        | 0.5        | 0.32     |
| 19 08LL04 33     | 202        | 4.66       | 0.18     |
| 19 08LL04 33     | 202        | 4.66       | 0.18     |
| 18 NIL-anu-zrn-l | 202.301797 | 5.08264321 | 0.932465 |
| 18 NIL-anu-zrn-l | 202.301797 | 5.08264321 | 0.932465 |
| 59 M0-1357       | 203        | 4.3        | 0.2      |
| 59 M0-1357       | 203        | 4.3        | 0.2      |
| 34 OW2           | 204        | 7.45       |          |
| 34 OW2           | 204        | 7.45       |          |
| 19 08LL04 6      | 206        | 0.66       | 0.26     |
| 19 08LL04 6      | 206        | 0.66       | 0.26     |
| 56 AB-23         | 206        | 7.9        |          |
| 56 AB-23         | 206        | 7.9        |          |
| 19 08LL05 12     | 207        | -0.6       | 0.33     |
| 19 08LL05 12     | 207        | -0.6       | 0.33     |
| 19 08LL05 11     | 208        | -4.43      | 0.36     |
| 19 08LL05 11     | 208        | -4.43      | 0.36     |
| 19 08LS01 11     | 208        | 2.21       | 0.28     |
| 19 08LS01 11     | 208        | 2.21       | 0.28     |
| 19 08LL07 66     | 209        | 6.35       | 0.41     |
| 19 08LL07 66     | 209        | 6.35       | 0.41     |
| 19 08LL04 45     | 210        | 4.33       | 0.25     |
| 19 08LL04 45     | 210        | 4.33       | 0.25     |
| 34 95BR031       | 210        | 6.06       |          |
| 34 95BR031       | 210        | 6.06       |          |
| 34 95BR029       | 210        | 6.2        |          |
| 34 95BR029       | 210        | 6.2        |          |
| 34 95BR078       | 210        | 6.24       |          |
| 34 95BR078       | 210        | 6.24       |          |
| 34 95BR080       | 210        | 6.67       |          |
| 34 95BR080       | 210        | 6.67       |          |
| 19 08LL05 23     | 211        | -2.4       | 0.32     |

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|--------------|-----|------|------|
| 19 08LL05 23 | 211 | -2.4 | 0.32 |
| 19 08LL05 36 | 211 | 5.08 | 0.2  |
| 19 08LL05 36 | 211 | 5.08 | 0.2  |
| 19 08LL07 1  | 211 | 6.27 | 0.3  |
| 19 08LL07 1  | 211 | 6.27 | 0.3  |
| 19 08LL05 27 | 212 | 0.26 | 0.41 |
| 19 08LL05 27 | 212 | 0.26 | 0.41 |
| 19 08LL05 19 | 215 | 5.43 | 0.34 |
| 19 08LL05 19 | 215 | 5.43 | 0.34 |
| 10 2606-07   | 216 | 5.2  | 0.4  |
| 10 2606-07   | 216 | 5.2  | 0.4  |
| 19 08LL05 35 | 216 | 1.13 | 0.29 |
| 19 08LL05 35 | 216 | 1.13 | 0.29 |
| 19 08LL04 24 | 216 | 2.16 | 0.27 |
| 19 08LL04 24 | 216 | 2.16 | 0.27 |
| 19 08LL04 32 | 216 | 3.11 | 0.32 |
| 19 08LL04 32 | 216 | 3.11 | 0.32 |
| 59 M0-1350   | 216 | 5.9  | 0.2  |
| 59 M0-1350   | 216 | 5.9  | 0.2  |
| 62 WS02-10   | 216 | 7.02 | 0.36 |
| 62 WS02-10   | 216 | 7.02 | 0.36 |
| 34 MA2       | 217 | 6.63 |      |
| 34 MA2       | 217 | 6.63 |      |
| 34 95BR050   | 217 | 6.81 |      |
| 34 95BR050   | 217 | 6.81 |      |
| 34 1S122     | 217 | 7.01 |      |
| 34 1S122     | 217 | 7.01 |      |
| 34 95BR041   | 217 | 7.06 |      |
| 34 95BR041   | 217 | 7.06 |      |
| 34 95BR051   | 217 | 7.44 |      |
| 34 95BR051   | 217 | 7.44 |      |
| 34 95BR048   | 217 | 7.96 |      |
| 34 95BR048   | 217 | 7.96 |      |
| 60 p11-120   | 217 | 7.9  | 0.4  |
| 60 p11-120   | 217 | 7.9  | 0.4  |
| 120 EW-1-16* | 218 | 4.33 | 0.38 |
| 19 08LL05 24 | 220 | 0.36 | 0.41 |
| 19 08LL05 24 | 220 | 0.36 | 0.41 |
| 19 08LL04 4  | 220 | 3.16 | 0.25 |
| 19 08LL04 4  | 220 | 3.16 | 0.25 |
| 19 08LL05 28 | 220 | 3.22 | 0.31 |
| 19 08LL05 28 | 220 | 3.22 | 0.31 |
| 19 08LL05 17 | 221 | 3.62 | 0.3  |
| 19 08LL05 17 | 221 | 3.62 | 0.3  |
| 19 08LL04 17 | 221 | 4.04 | 0.45 |

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|--------------|-----|-------|-------|------|
| 19 08LL04 17 |     | 221   | 4.04  | 0.45 |
| 19 08LL07 5  |     | 221   | 4.05  | 0.28 |
| 19 08LL07 5  |     | 221   | 4.05  | 0.28 |
| 59 M0-921    |     | 221   | 5.5   | 0.2  |
| 59 M0-921    |     | 221   | 5.5   | 0.2  |
| 75 17, 1     |     | 221   | 6.66  | 0.46 |
| 104 08JF107  |     | 221   | 6.3   |      |
| 34 SBL-1     |     | 222   | 6.22  |      |
| 34 SBL-1     |     | 222   | 6.22  |      |
| 121 24       | 222 | 9.96  | 0.18  |      |
| 19 08LL04 38 |     | 223   | 0.19  | 0.28 |
| 19 08LL04 38 |     | 223   | 0.19  | 0.28 |
| 19 08LL04 20 |     | 223   | 0.68  | 0.28 |
| 19 08LL04 20 |     | 223   | 0.68  | 0.28 |
| 104 08JF162  |     | 223   | 6.11  |      |
| 104 08JF160  |     | 223   | 6.69  |      |
| 19 08LL04 27 |     | 224   | 2.2   | 0.43 |
| 19 08LL04 27 |     | 224   | 2.2   | 0.43 |
| 104 08JF109  |     | 224   | 5.83  |      |
| 121 4        | 224 | 10.38 | 0.26  |      |
| 19 08LL05 21 |     | 225   | -2    | 0.33 |
| 19 08LL05 21 |     | 225   | -2    | 0.33 |
| 104 08JF150  |     | 225   | 6.41  |      |
| 121 22       | 225 | 8.85  | 0.24  |      |
| 121 7        | 225 | 9.45  | 0.24  |      |
| 121 12       | 225 | 9.58  | 0.26  |      |
| 121 1        | 225 | 9.62  | 0.24  |      |
| 121 3        | 225 | 11.37 | 0.16  |      |
| 19 08LL04 21 |     | 226   | -2.22 | 0.33 |
| 19 08LL04 21 |     | 226   | -2.22 | 0.33 |
| 19 08LL05 9  |     | 226   | 2.03  | 0.28 |
| 19 08LL05 9  |     | 226   | 2.03  | 0.28 |
| 19 08LL07 44 |     | 226   | 5.96  | 0.39 |
| 19 08LL07 44 |     | 226   | 5.96  | 0.39 |
| 121 15       | 226 | 9.39  | 0.28  |      |
| 19 08LL05 38 |     | 227   | 3.24  | 0.23 |
| 19 08LL05 38 |     | 227   | 3.24  | 0.23 |
| 19 08LL07 40 |     | 227   | 3.48  | 0.28 |
| 19 08LL07 40 |     | 227   | 3.48  | 0.28 |
| 19 08LL04 35 |     | 227   | 3.73  | 0.27 |
| 19 08LL04 35 |     | 227   | 3.73  | 0.27 |
| 104 08JF111  |     | 227   | 6.24  |      |
| 19 08LL05 3  |     | 228   | -3.42 | 0.27 |
| 19 08LL05 3  |     | 228   | -3.42 | 0.27 |
| 19 08LL04 56 |     | 228   | 4.44  | 0.41 |

|              |     |       |       |      |
|--------------|-----|-------|-------|------|
| 19 08LL04 56 |     | 228   | 4.44  | 0.41 |
| 121 8        | 228 | 9.86  | 0.19  |      |
| 121 12       | 228 | 10.13 | 0.22  |      |
| 19 08LL05 25 |     | 229   | -2.75 | 0.3  |
| 19 08LL05 25 |     | 229   | -2.75 | 0.3  |
| 19 08LL04 44 |     | 229   | 3.35  | 0.26 |
| 19 08LL04 44 |     | 229   | 3.35  | 0.26 |
| 121 30       | 230 | 10.89 | 0.20  |      |
| 19 08LL06 25 |     | 231   | 2.92  | 0.33 |
| 19 08LL06 25 |     | 231   | 2.92  | 0.33 |
| 27 LuN02@14  |     | 231   | 7.5   | 0.4  |
| 27 LuN02@14  |     | 231   | 7.5   | 0.4  |
| 27 LuN01@6   |     | 231   | 7.6   | 0.3  |
| 27 LuN01@6   |     | 231   | 7.6   | 0.3  |
| 27 LuN02@15  |     | 231   | 7.6   | 0.4  |
| 27 LuN02@15  |     | 231   | 7.6   | 0.4  |
| 27 LuN01@11  |     | 231   | 7.7   | 0.4  |
| 27 LuN02@7   |     | 231   | 7.7   | 0.4  |
| 27 LuN01@11  |     | 231   | 7.7   | 0.4  |
| 27 LuN02@7   |     | 231   | 7.7   | 0.4  |
| 27 LuN02@4   |     | 231   | 7.8   | 0.4  |
| 27 LuN02@4   |     | 231   | 7.8   | 0.4  |
| 27 LuN02@16  |     | 231   | 7.9   | 0.3  |
| 27 LuN02@19  |     | 231   | 7.9   | 0.3  |
| 27 LuN02@20  |     | 231   | 7.9   | 0.3  |
| 27 LuN02@16  |     | 231   | 7.9   | 0.3  |
| 27 LuN02@19  |     | 231   | 7.9   | 0.3  |
| 27 LuN02@20  |     | 231   | 7.9   | 0.3  |
| 27 LuN02@12  |     | 231   | 7.9   | 0.4  |
| 27 LuN02@12  |     | 231   | 7.9   | 0.4  |
| 27 LuN02@10  |     | 231   | 8     | 0.3  |
| 27 LuN02@13  |     | 231   | 8     | 0.3  |
| 27 LuN02@17  |     | 231   | 8     | 0.3  |
| 27 LuN02@6   |     | 231   | 8     | 0.3  |
| 27 LuN02@10  |     | 231   | 8     | 0.3  |
| 27 LuN02@13  |     | 231   | 8     | 0.3  |
| 27 LuN02@17  |     | 231   | 8     | 0.3  |
| 27 LuN02@6   |     | 231   | 8     | 0.3  |
| 27 LuN01@3   |     | 231   | 8     | 0.4  |
| 27 LuN01@3   |     | 231   | 8     | 0.4  |
| 27 LuN02@2   |     | 231   | 8.1   | 0.3  |
| 27 LuN02@9   |     | 231   | 8.1   | 0.3  |
| 27 LuN02@2   |     | 231   | 8.1   | 0.3  |
| 27 LuN02@9   |     | 231   | 8.1   | 0.3  |
| 27 LuN01@8   |     | 231   | 8.2   | 0.2  |

|             |     |     |     |
|-------------|-----|-----|-----|
| 27 LuN01@8  | 231 | 8.2 | 0.2 |
| 27 LuN01@1  | 231 | 8.2 | 0.3 |
| 27 LuN01@7  | 231 | 8.2 | 0.3 |
| 27 LuN02@18 | 231 | 8.2 | 0.3 |
| 27 LuN01@1  | 231 | 8.2 | 0.3 |
| 27 LuN01@7  | 231 | 8.2 | 0.3 |
| 27 LuN02@18 | 231 | 8.2 | 0.3 |
| 27 LuN01@14 | 231 | 8.2 | 0.4 |
| 27 LuN01@20 | 231 | 8.2 | 0.4 |
| 27 LuN01@9  | 231 | 8.2 | 0.4 |
| 27 LuN01@14 | 231 | 8.2 | 0.4 |
| 27 LuN01@20 | 231 | 8.2 | 0.4 |
| 27 LuN01@9  | 231 | 8.2 | 0.4 |
| 27 LuN01@13 | 231 | 8.3 | 0.3 |
| 27 LuN01@17 | 231 | 8.3 | 0.3 |
| 27 LuN01@2  | 231 | 8.3 | 0.3 |
| 27 LuN01@4  | 231 | 8.3 | 0.3 |
| 27 LuN02@11 | 231 | 8.3 | 0.3 |
| 27 LuN02@21 | 231 | 8.3 | 0.3 |
| 27 LuN02@3  | 231 | 8.3 | 0.3 |
| 27 LuN01@13 | 231 | 8.3 | 0.3 |
| 27 LuN01@17 | 231 | 8.3 | 0.3 |
| 27 LuN01@2  | 231 | 8.3 | 0.3 |
| 27 LuN01@4  | 231 | 8.3 | 0.3 |
| 27 LuN02@11 | 231 | 8.3 | 0.3 |
| 27 LuN02@21 | 231 | 8.3 | 0.3 |
| 27 LuN02@3  | 231 | 8.3 | 0.3 |
| 27 LuN01@12 | 231 | 8.4 | 0.2 |
| 27 LuN01@19 | 231 | 8.4 | 0.2 |
| 27 LuN01@12 | 231 | 8.4 | 0.2 |
| 27 LuN01@19 | 231 | 8.4 | 0.2 |
| 27 LuN01@10 | 231 | 8.4 | 0.3 |
| 27 LuN01@18 | 231 | 8.4 | 0.3 |
| 27 LuN02@8  | 231 | 8.4 | 0.3 |
| 27 LuN01@10 | 231 | 8.4 | 0.3 |
| 27 LuN01@18 | 231 | 8.4 | 0.3 |
| 27 LuN02@8  | 231 | 8.4 | 0.3 |
| 27 LuN01@5  | 231 | 8.4 | 0.4 |
| 27 LuN01@5  | 231 | 8.4 | 0.4 |
| 27 LuN01@15 | 231 | 8.5 | 0.4 |
| 27 LuN01@15 | 231 | 8.5 | 0.4 |
| 27 LuN02@1  | 231 | 8.6 | 0.3 |
| 27 LuN02@5  | 231 | 8.6 | 0.3 |
| 27 LuN02@1  | 231 | 8.6 | 0.3 |
| 27 LuN02@5  | 231 | 8.6 | 0.3 |



|              |     |       |      |      |
|--------------|-----|-------|------|------|
| 27 LuN01@16  |     | 231   | 8.7  | 0.3  |
| 27 LuN01@16  |     | 231   | 8.7  | 0.3  |
| 27 LuN01@21  |     | 231   | 8.9  | 0.3  |
| 27 LuN01@21  |     | 231   | 8.9  | 0.3  |
| 121 13       | 231 | 9.32  | 0.20 |      |
| 121 14       | 231 | 9.89  | 0.14 |      |
| 121 21       | 231 | 10.04 | 0.22 |      |
| 121 8        | 231 | 10.57 | 0.21 |      |
| 10 1774-72   |     | 232   | 7.2  | 0.7  |
| 10 1774-72   |     | 232   | 7.2  | 0.7  |
| 10 1746-27   |     | 232   | 7.7  | 0.4  |
| 10 1746-27   |     | 232   | 7.7  | 0.4  |
| 19 08LL06 7  |     | 232   | 7.53 | 0.35 |
| 19 08LL06 7  |     | 232   | 7.53 | 0.35 |
| 26 Y-1       |     | 232   | 6.43 |      |
| 26 Y-1       |     | 232   | 6.43 |      |
| 104 08JF192  |     | 232   | 5.94 |      |
| 121 29       | 232 | 9.11  | 0.29 |      |
| 121 17       | 232 | 9.12  | 0.22 |      |
| 121 2        | 232 | 9.61  | 0.18 |      |
| 121 12       | 232 | 10.23 | 0.22 |      |
| 121 16       | 232 | 10.30 | 0.18 |      |
| 121 2        | 232 | 10.63 | 0.12 |      |
| 113 Lun-2    |     | 232.3 | 8.16 |      |
| 19 08LL05 34 |     | 233   | 2.83 | 0.3  |
| 19 08LL05 34 |     | 233   | 2.83 | 0.3  |
| 26 W-35      |     | 233   | 6.32 |      |
| 26 W-35      |     | 233   | 6.32 |      |
| 27 LiN01@20  |     | 233   | 7.3  | 0.4  |
| 27 LiN01@20  |     | 233   | 7.3  | 0.4  |
| 27 LiN02@14  |     | 233   | 7.3  | 0.5  |
| 27 LiN02@14  |     | 233   | 7.3  | 0.5  |
| 27 LiN02@20  |     | 233   | 7.4  | 0.3  |
| 27 LiN02@20  |     | 233   | 7.4  | 0.3  |
| 27 LiN02@1   |     | 233   | 7.6  | 0.2  |
| 27 LiN02@1   |     | 233   | 7.6  | 0.2  |
| 27 LiN01@11  |     | 233   | 7.6  | 0.3  |
| 27 LiN01@3   |     | 233   | 7.6  | 0.3  |
| 27 LiN02@19  |     | 233   | 7.6  | 0.3  |
| 27 LiN01@11  |     | 233   | 7.6  | 0.3  |
| 27 LiN01@3   |     | 233   | 7.6  | 0.3  |
| 27 LiN02@19  |     | 233   | 7.6  | 0.3  |
| 27 LiN02@18  |     | 233   | 7.7  | 0.3  |
| 27 LiN02@18  |     | 233   | 7.7  | 0.3  |
| 27 LiN01@7   |     | 233   | 7.8  | 0.2  |

|             |     |     |     |
|-------------|-----|-----|-----|
| 27 LiN01@7  | 233 | 7.8 | 0.2 |
| 27 LiN01@15 | 233 | 7.8 | 0.3 |
| 27 LiN01@5  | 233 | 7.8 | 0.3 |
| 27 LiN02@2  | 233 | 7.8 | 0.3 |
| 27 LiN01@15 | 233 | 7.8 | 0.3 |
| 27 LiN01@5  | 233 | 7.8 | 0.3 |
| 27 LiN02@2  | 233 | 7.8 | 0.3 |
| 27 LiN01@4  | 233 | 7.9 | 0.3 |
| 27 LiN02@4  | 233 | 7.9 | 0.3 |
| 27 LiN01@4  | 233 | 7.9 | 0.3 |
| 27 LiN02@4  | 233 | 7.9 | 0.3 |
| 27 LiN01@6  | 233 | 7.9 | 0.4 |
| 27 LiN01@6  | 233 | 7.9 | 0.4 |
| 27 LiN01@14 | 233 | 8   | 0.3 |
| 27 LiN01@16 | 233 | 8   | 0.3 |
| 27 LiN02@15 | 233 | 8   | 0.3 |
| 27 LiN01@14 | 233 | 8   | 0.3 |
| 27 LiN01@16 | 233 | 8   | 0.3 |
| 27 LiN02@15 | 233 | 8   | 0.3 |
| 27 LiN01@1  | 233 | 8   | 0.4 |
| 27 LiN02@3  | 233 | 8   | 0.4 |
| 27 LiN01@1  | 233 | 8   | 0.4 |
| 27 LiN02@3  | 233 | 8   | 0.4 |
| 27 LiN01@10 | 233 | 8.1 | 0.3 |
| 27 LiN02@17 | 233 | 8.1 | 0.3 |
| 27 LiN01@10 | 233 | 8.1 | 0.3 |
| 27 LiN02@17 | 233 | 8.1 | 0.3 |
| 27 LiN01@2  | 233 | 8.1 | 0.4 |
| 27 LiN02@12 | 233 | 8.1 | 0.4 |
| 27 LiN01@2  | 233 | 8.1 | 0.4 |
| 27 LiN02@12 | 233 | 8.1 | 0.4 |
| 27 LiN01@13 | 233 | 8.2 | 0.3 |
| 27 LiN01@13 | 233 | 8.2 | 0.3 |
| 27 LiN01@8  | 233 | 8.2 | 0.4 |
| 27 LiN02@11 | 233 | 8.2 | 0.4 |
| 27 LiN01@8  | 233 | 8.2 | 0.4 |
| 27 LiN02@11 | 233 | 8.2 | 0.4 |
| 27 LiN01@19 | 233 | 8.3 | 0.3 |
| 27 LiN01@9  | 233 | 8.3 | 0.3 |
| 27 LiN02@5  | 233 | 8.3 | 0.3 |
| 27 LiN02@8  | 233 | 8.3 | 0.3 |
| 27 LiN02@9  | 233 | 8.3 | 0.3 |
| 27 LiN01@19 | 233 | 8.3 | 0.3 |
| 27 LiN01@9  | 233 | 8.3 | 0.3 |
| 27 LiN02@5  | 233 | 8.3 | 0.3 |

|              |       |       |      |     |
|--------------|-------|-------|------|-----|
| 27 LiN02@8   |       | 233   | 8.3  | 0.3 |
| 27 LiN02@9   |       | 233   | 8.3  | 0.3 |
| 27 LiN01@18  |       | 233   | 8.4  | 0.3 |
| 27 LiN01@18  |       | 233   | 8.4  | 0.3 |
| 27 LiN02@16  |       | 233   | 8.4  | 0.4 |
| 27 LiN02@16  |       | 233   | 8.4  | 0.4 |
| 27 LiN02@10  |       | 233   | 8.5  | 0.3 |
| 27 LiN02@13  |       | 233   | 8.5  | 0.3 |
| 27 LiN02@6   |       | 233   | 8.5  | 0.3 |
| 27 LiN02@10  |       | 233   | 8.5  | 0.3 |
| 27 LiN02@13  |       | 233   | 8.5  | 0.3 |
| 27 LiN02@6   |       | 233   | 8.5  | 0.3 |
| 27 LiN01@12  |       | 233   | 8.6  | 0.3 |
| 27 LiN01@12  |       | 233   | 8.6  | 0.3 |
| 27 LiN02@7   |       | 233   | 8.8  | 0.3 |
| 27 LiN02@7   |       | 233   | 8.8  | 0.3 |
| 27 LiN01@17  |       | 233   | 8.9  | 0.4 |
| 27 LiN01@17  |       | 233   | 8.9  | 0.4 |
| 56 NA379     |       | 233   | 5.51 |     |
| 56 NA379     |       | 233   | 5.51 |     |
| 121 18       | 233   | 8.77  | 0.22 |     |
| 121 14       | 233   | 9.38  | 0.36 |     |
| 121 5        | 233   | 9.55  | 0.20 |     |
| 121 3        | 233   | 9.57  | 0.27 |     |
| 121 8        | 233   | 9.72  | 0.30 |     |
| 121 1        | 233   | 10.01 | 0.24 |     |
| 121 9        | 233   | 10.04 | 0.10 |     |
| 121 6        | 233   | 10.20 | 0.24 |     |
| 121 7        | 233   | 10.26 | 0.32 |     |
| 121 4        | 233   | 10.58 | 0.32 |     |
| 113 Lin-2    | 233.7 |       | 8.17 |     |
| 27 BW0902@19 | 234   |       | 7.3  | 0.2 |
| 27 BW0902@4  | 234   |       | 7.3  | 0.2 |
| 27 BW0902@19 | 234   |       | 7.3  | 0.2 |
| 27 BW0902@4  | 234   |       | 7.3  | 0.2 |
| 27 BW0902@18 | 234   |       | 7.3  | 0.3 |
| 27 BW0902@18 | 234   |       | 7.3  | 0.3 |
| 27 BW0901@2  | 234   |       | 7.4  | 0.2 |
| 27 BW0901@2  | 234   |       | 7.4  | 0.2 |
| 27 BW0902@20 | 234   |       | 7.4  | 0.3 |
| 27 BW0902@20 | 234   |       | 7.4  | 0.3 |
| 27 BW0901@3  | 234   |       | 7.5  | 0.3 |
| 27 BW0902@11 | 234   |       | 7.5  | 0.3 |
| 27 BW0902@13 | 234   |       | 7.5  | 0.3 |
| 27 BW0901@3  | 234   |       | 7.5  | 0.3 |

|              |     |     |     |
|--------------|-----|-----|-----|
| 27 BW0902@11 | 234 | 7.5 | 0.3 |
| 27 BW0902@13 | 234 | 7.5 | 0.3 |
| 27 BW0901@4  | 234 | 7.6 | 0.2 |
| 27 BW0901@6  | 234 | 7.6 | 0.2 |
| 27 BW0901@4  | 234 | 7.6 | 0.2 |
| 27 BW0901@6  | 234 | 7.6 | 0.2 |
| 27 BW0902@2  | 234 | 7.6 | 0.3 |
| 27 BW0902@2  | 234 | 7.6 | 0.3 |
| 27 BW0901@1  | 234 | 7.7 | 0.2 |
| 27 BW0902@12 | 234 | 7.7 | 0.2 |
| 27 BW0901@1  | 234 | 7.7 | 0.2 |
| 27 BW0902@12 | 234 | 7.7 | 0.2 |
| 27 BW0902@10 | 234 | 7.7 | 0.4 |
| 27 BW0902@10 | 234 | 7.7 | 0.4 |
| 27 BW0902@1  | 234 | 7.8 | 0.3 |
| 27 BW0902@7  | 234 | 7.8 | 0.3 |
| 27 BW0902@1  | 234 | 7.8 | 0.3 |
| 27 BW0902@7  | 234 | 7.8 | 0.3 |
| 27 BW0901@14 | 234 | 7.8 | 0.4 |
| 27 BW0902@8  | 234 | 7.8 | 0.4 |
| 27 BW0901@14 | 234 | 7.8 | 0.4 |
| 27 BW0902@8  | 234 | 7.8 | 0.4 |
| 27 BW0902@5  | 234 | 7.9 | 0.2 |
| 27 BW0902@5  | 234 | 7.9 | 0.2 |
| 27 BW0901@16 | 234 | 7.9 | 0.3 |
| 27 BW0901@8  | 234 | 7.9 | 0.3 |
| 27 BW0901@9  | 234 | 7.9 | 0.3 |
| 27 BW0902@14 | 234 | 7.9 | 0.3 |
| 27 BW0902@15 | 234 | 7.9 | 0.3 |
| 27 BW0902@17 | 234 | 7.9 | 0.3 |
| 27 BW0902@6  | 234 | 7.9 | 0.3 |
| 27 BW0901@16 | 234 | 7.9 | 0.3 |
| 27 BW0901@8  | 234 | 7.9 | 0.3 |
| 27 BW0901@9  | 234 | 7.9 | 0.3 |
| 27 BW0902@14 | 234 | 7.9 | 0.3 |
| 27 BW0902@15 | 234 | 7.9 | 0.3 |
| 27 BW0902@17 | 234 | 7.9 | 0.3 |
| 27 BW0902@6  | 234 | 7.9 | 0.3 |
| 27 BW0901@17 | 234 | 8   | 0.2 |
| 27 BW0901@18 | 234 | 8   | 0.2 |
| 27 BW0901@17 | 234 | 8   | 0.2 |
| 27 BW0901@18 | 234 | 8   | 0.2 |
| 27 BW0902@3  | 234 | 8   | 0.4 |
| 27 BW0902@3  | 234 | 8   | 0.4 |
| 27 BW0901@10 | 234 | 8.1 | 0.3 |

|              |     |       |       |      |
|--------------|-----|-------|-------|------|
| 27 BW0901@19 |     | 234   | 8.1   | 0.3  |
| 27 BW0901@10 |     | 234   | 8.1   | 0.3  |
| 27 BW0901@19 |     | 234   | 8.1   | 0.3  |
| 27 BW0901@5  |     | 234   | 8.2   | 0.2  |
| 27 BW0901@5  |     | 234   | 8.2   | 0.2  |
| 27 BW0901@7  |     | 234   | 8.2   | 0.4  |
| 27 BW0901@7  |     | 234   | 8.2   | 0.4  |
| 27 BW0901@11 |     | 234   | 8.3   | 0.2  |
| 27 BW0901@15 |     | 234   | 8.3   | 0.2  |
| 27 BW0901@11 |     | 234   | 8.3   | 0.2  |
| 27 BW0901@15 |     | 234   | 8.3   | 0.2  |
| 27 BW0901@20 |     | 234   | 8.4   | 0.2  |
| 27 BW0901@20 |     | 234   | 8.4   | 0.2  |
| 27 BW0902@16 |     | 234   | 8.4   | 0.3  |
| 27 BW0902@16 |     | 234   | 8.4   | 0.3  |
| 27 BW0901@12 |     | 234   | 8.7   | 0.2  |
| 27 BW0901@12 |     | 234   | 8.7   | 0.2  |
| 27 BW0902@9  |     | 234   | 8.9   | 0.3  |
| 27 BW0902@9  |     | 234   | 8.9   | 0.3  |
| 27 BW0901@13 |     | 234   | 9.3   | 0.3  |
| 27 BW0901@13 |     | 234   | 9.3   | 0.3  |
| 121 21       | 234 | 9.42  | 0.36  |      |
| 121 24       | 234 | 9.86  | 0.27  |      |
| 121 20       | 234 | 9.95  | 0.18  |      |
| 121 17       | 235 | 10.11 | 0.22  |      |
| 121 2        | 235 | 10.21 | 0.19  |      |
| 121 22       | 235 | 10.45 | 0.20  |      |
| 10 2346-32   |     | 236   | 6.2   | 0.5  |
| 10 2346-32   |     | 236   | 6.2   | 0.5  |
| 10 1746-09   |     | 236   | 6.3   | 0.8  |
| 10 1746-09   |     | 236   | 6.3   | 0.8  |
| 19 08LL04 37 |     | 236   | -0.23 | 0.38 |
| 19 08LL04 37 |     | 236   | -0.23 | 0.38 |
| 121 13       | 236 | 8.88  | 0.30  |      |
| 121 20       | 236 | 10.07 | 0.18  |      |
| 121 10       | 236 | 10.20 | 0.38  |      |
| 121 8        | 236 | 10.30 | 0.12  |      |
| 121 3        | 236 | 10.33 | 0.20  |      |
| 121 5        | 236 | 10.37 | 0.14  |      |
| 121 11       | 236 | 10.47 | 0.22  |      |
| 121 21       | 236 | 11.02 | 0.19  |      |
| 19 08LL07 47 |     | 237   | 3.69  | 0.41 |
| 19 08LL07 47 |     | 237   | 3.69  | 0.41 |
| 19 08LL04 60 |     | 237   | 5.68  | 0.32 |
| 19 08LL04 60 |     | 237   | 5.68  | 0.32 |

|              |       |         |       |       |  |
|--------------|-------|---------|-------|-------|--|
| 121 9        |       | 237     | 9.74  | 0.36  |  |
| 121 17       |       | 237     | 10.01 | 0.20  |  |
| 121 15       |       | 237     | 10.05 | 0.16  |  |
| 121 14       |       | 237     | 10.10 | 0.26  |  |
| 121 19       |       | 237     | 10.12 | 0.10  |  |
| 121 23       |       | 237     | 10.17 | 0.29  |  |
| 121 19       |       | 237     | 10.22 | 0.26  |  |
| 121 12       |       | 237     | 10.32 | 0.32  |  |
| 121 24       |       | 237     | 10.38 | 0.21  |  |
| 121 9        |       | 237     | 10.49 | 0.16  |  |
| 121 1        |       | 237     | 10.51 | 0.18  |  |
| 121 16       |       | 237     | 10.94 | 0.35  |  |
| 121 20       |       | 237     | 11.00 | 0.33  |  |
| 115          | 21. 1 | 237. 29 | 8. 6  |       |  |
| 10 2346-44   |       | 238     | 7. 3  | 0. 4  |  |
| 10 2346-44   |       | 238     | 7. 3  | 0. 4  |  |
| 121 11       |       | 238     | 9.74  | 0.20  |  |
| 121 11       |       | 238     | 9.92  | 0.24  |  |
| 19 08LL04 41 |       | 239     | 4. 89 | 0. 18 |  |
| 19 08LL04 41 |       | 239     | 4. 89 | 0. 18 |  |
| 121 23       |       | 239     | 9.49  | 0.31  |  |
| 121 2        |       | 239     | 10.27 | 0.20  |  |
| 121 13       |       | 239     | 10.70 | 0.27  |  |
| 121 20       |       | 240     | 8.89  | 0.28  |  |
| 121 6        |       | 240     | 9.49  | 0.22  |  |
| 10 1746-48a  |       | 241     | 5. 7  | 0. 4  |  |
| 10 1746-48a  |       | 241     | 5. 7  | 0. 4  |  |
| 10 1746-12   |       | 241     | 6     | 0. 8  |  |
| 10 1746-12   |       | 241     | 6     | 0. 8  |  |
| 121 18       |       | 241     | 9.90  | 0.24  |  |
| 121 1        |       | 241     | 10.35 | 0.26  |  |
| 121 15       |       | 241     | 10.53 | 0.32  |  |
| 10 2606-18   |       | 242     | 6. 7  | 0. 4  |  |
| 10 2606-18   |       | 242     | 6. 7  | 0. 4  |  |
| 10 2346-14   |       | 242     | 6. 8  | 0. 4  |  |
| 10 2346-14   |       | 242     | 6. 8  | 0. 4  |  |
| 10 2346-21   |       | 242     | 7. 5  | 0. 5  |  |
| 10 2346-21   |       | 242     | 7. 5  | 0. 5  |  |
| 121 6        |       | 242     | 10.62 | 0.25  |  |
| 10 1746-14   |       | 243     | 6. 5  | 0. 8  |  |
| 10 1746-14   |       | 243     | 6. 5  | 0. 8  |  |
| 19 08LL05 13 |       | 243     | 1. 77 | 0. 23 |  |
| 19 08LL05 13 |       | 243     | 1. 77 | 0. 23 |  |
| 121 7        |       | 243     | 9.37  | 0.20  |  |
| 121 8        |       | 243     | 9.58  | 0.10  |  |

|                |      |       |       |        |
|----------------|------|-------|-------|--------|
| 121 3          | 243  | 10.24 | 0.12  |        |
| 10 2346-11     |      | 245   | 5.8   | 0.5    |
| 10 2346-11     |      | 245   | 5.8   | 0.5    |
| 10 2346-27     |      | 245   | 6.6   | 0.5    |
| 10 2346-27     |      | 245   | 6.6   | 0.5    |
| 10 2346-25     |      | 245   | 8.1   | 0.5    |
| 10 2346-25     |      | 245   | 8.1   | 0.5    |
| 65 BB-86 16    |      | 245   | 7.7   | 0.3    |
| 65 BB-86 16    |      | 245   | 7.7   | 0.3    |
| 19 08LL07 34   |      | 246   | 4.49  | 0.39   |
| 19 08LL07 34   |      | 246   | 4.49  | 0.39   |
| 10 1746-48b    |      | 247   | 5.7   | 0.5    |
| 10 1746-48b    |      | 247   | 5.7   | 0.5    |
| 10 1746-23     |      | 247   | 6.1   | 0.6    |
| 10 1746-23     |      | 247   | 6.1   | 0.6    |
| 10 2606-28     |      | 247   | 7.7   | 0.4    |
| 10 2606-28     |      | 247   | 7.7   | 0.4    |
| 121 12         | 247  | 10.20 | 0.28  |        |
| 10 2346-37     |      | 248   | 7.1   | 0.4    |
| 10 2346-37     |      | 248   | 7.1   | 0.4    |
| 10 1746-03     |      | 248   | 7.2   | 0.8    |
| 10 1746-03     |      | 248   | 7.2   | 0.8    |
| 90 VAL009      |      | 249   | 6.48  |        |
| 114 SJ143      |      | 249   | 9.31  |        |
| 121 14         | 249  | 10.40 | 0.16  |        |
| 119            | 10.1 | 250   | 7     | 0.4939 |
| 75             | 16   | 251   | 6.56  | 0.44   |
| 75             | 70   | 251   | 7.51  | 0.5    |
| 100 PY         |      | 251.4 | 6.64  |        |
| 19 08LL04 47   |      | 253   | -3.07 | 0.34   |
| 19 08LL04 47   |      | 253   | -3.07 | 0.34   |
| 114 SJ133      |      | 253   | 8.68  |        |
| 19 08LL05 45   |      | 255   | 4.94  | 0.26   |
| 19 08LL05 45   |      | 255   | 4.94  | 0.26   |
| 37 07SC49@91   |      | 256   | 6     | 0.35   |
| 37 07SC49@91   |      | 256   | 6     | 0.35   |
| 75             | 34   | 256   | 7.75  | 0.47   |
| 37 07SC51-1@02 |      | 259   | 6.74  | 0.46   |
| 37 07SC51-1@02 |      | 259   | 6.74  | 0.46   |
| 19 08LL05 43   |      | 260   | 0.86  | 0.26   |
| 19 08LL05 43   |      | 260   | 0.86  | 0.26   |
| 100 XWL-V      |      | 260.7 | 6.14  |        |
| 37 07SC51-1@44 |      | 261   | 6.17  | 0.53   |
| 37 07SC51-1@44 |      | 261   | 6.17  | 0.53   |
| 19 08LL05 44   |      | 262   | -7.02 | 0.35   |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 19 08LL05 44     | 262        | -7.02      | 0.35       |
| 60 p11-116       | 263        | 5.3        | 0.3        |
| 60 p11-116       | 263        | 5.3        | 0.3        |
| 119 33.1         | 264        | 7          | 0.5388     |
| 37 07SC51-1@92   | 265        | 7.82       | 0.18       |
| 37 07SC51-1@92   | 265        | 7.82       | 0.18       |
| 37 07SC51-1@35   | 266        | 7.99       | 0.22       |
| 37 07SC51-1@35   | 266        | 7.99       | 0.22       |
| 60 p11-140       | 266        | 7.4        | 0.4        |
| 60 p11-140       | 266        | 7.4        | 0.4        |
| 119 3.1          | 266        | 6          | 0.6671     |
| 119 8.1          | 266        | 7          | 0.2975     |
| 19 08LL04 30     | 267        | 3.93       | 0.26       |
| 19 08LL04 30     | 267        | 3.93       | 0.26       |
| 18 CNG2-anu-zrn- | 267.61937  | 6.92841865 | 0.61406368 |
| 18 CNG2-anu-zrn- | 267.61937  | 6.92841865 | 0.61406368 |
| 119 32.1         | 268        | 6          | 0.5397     |
| 119 45.1         | 270        | 6          | 0.517      |
| 18 CNG2-anu-zrn- | 270.467222 | 7.57088058 | 0.59277547 |
| 18 CNG2-anu-zrn- | 270.467222 | 7.57088058 | 0.59277547 |
| 119 45.1         | 271        | 5          | 0.3102     |
| 37 07SC49@35     | 273        | 6.19       | 0.34       |
| 37 07SC49@35     | 273        | 6.19       | 0.34       |
| 119 52.1         | 273        | 7          | 0.3194     |
| 119 59.1         | 273        | 9          | 0.5227     |
| 56 NA3           | 275        | 6.24       |            |
| 56 NA3           | 275        | 6.24       |            |
| 75 4.1           | 275.8      | 7.04       | 0.45       |
| 75 9             | 276        | 6.65       | 0.45       |
| 75 11.1          | 276        | 6.71       | 0.52       |
| 119 35.1         | 277        | 6          | 0.5384     |
| 110 SN10-2/01    | 278        | 4.64       | 0.26       |
| 18 CNG2-anu-zrn- | 278.095108 | 6.91608405 | 0.56290253 |
| 18 CNG2-anu-zrn- | 278.095108 | 6.91608405 | 0.56290253 |
| 100 XSTiFe-V     | 278.6      | 6.73       |            |
| 37 07SC49@23     | 279        | 7.27       | 0.35       |
| 37 07SC49@23     | 279        | 7.27       | 0.35       |
| 75 15            | 279        | 6.29       | 0.47       |
| 75 70            | 279        | 6.67       | 0.39       |
| 75 42            | 279        | 8.78       | 0.36       |
| 99 HSS6          | 279.1      | 6.43       |            |
| 100 HSS6         | 279.1      | 6.42       |            |
| 100 BJS6         | 279.2      | 7.01       |            |
| 75 1.1           | 279.7      | 6.71       | 0.46       |
| 99 HSS12         | 279.7      | 7.68       |            |



|                 |      |        |       |        |
|-----------------|------|--------|-------|--------|
| 100 HSS12       |      | 279.7  | 7.68  |        |
| 10 2346-08      |      | 280    | 4.4   | 0.4    |
| 10 2346-08      |      | 280    | 4.4   | 0.4    |
| 37 07SC65@27    |      | 280    | 8.39  | 0.31   |
| 37 07SC65@27    |      | 280    | 8.39  | 0.31   |
| 60 VGt-563      |      | 280    | 9.8   | 0.3    |
| 60 VGt-563      |      | 280    | 9.8   | 0.3    |
| 75              | 7    | 280    | 7.02  | 0.44   |
| 100 TY-V        |      | 280    | 5.86  |        |
| 75              | 15.1 | 280.5  | 7.53  | 0.5    |
| 75              | 11   | 281    | 7.99  | 0.47   |
| 110 SN10-3/01   |      | 281    | 3.85  | 0.38   |
| 75              | 13.1 | 281.3  | 7.47  | 0.45   |
| 19 08LL07 57    |      | 282    | 7.43  | 0.46   |
| 19 08LL07 57    |      | 282    | 7.43  | 0.46   |
| 75              | 4    | 282    | 10.82 | 0.4    |
| 110 SN10-2/13   |      | 282    | 3.88  | 0.29   |
| 115             | 11.1 | 282.04 | 10    |        |
| 75              | 5.1  | 282.5  | 6.56  | 0.5    |
| 37 07SC49@36    |      | 283    | 6.12  | 0.31   |
| 37 07SC49@36    |      | 283    | 6.12  | 0.31   |
| 37 07SC49@62    |      | 283    | 6.29  | 0.46   |
| 37 07SC49@62    |      | 283    | 6.29  | 0.46   |
| 75              | 31   | 283    | 7.25  | 0.42   |
| 110 SN10-3/13   |      | 283    | 2.41  | 0.2    |
| 110 SN10-2/12   |      | 283    | 3.71  | 0.32   |
| 110 SN10-9/02   |      | 283    | 4.11  | 0.34   |
| 119             | 25.1 | 283    | 6     | 0.5404 |
| 75              | 8.1  | 283.3  | 6.65  | 0.5    |
| 100 HS-V        |      | 283.8  | 5.93  |        |
| 10 2346-42      |      | 284    | 5     | 0.4    |
| 10 2346-42      |      | 284    | 5     | 0.4    |
| 10 2346-17      |      | 284    | 8.7   | 0.5    |
| 10 2346-17      |      | 284    | 8.7   | 0.5    |
| 37 07SC49@07    |      | 284    | 7.22  | 0.32   |
| 37 07SC49@07    |      | 284    | 7.22  | 0.32   |
| 75              | 23   | 284    | 5.21  | 0.55   |
| 100 PSZK1-2-650 |      | 284    | 7.45  |        |
| 119             | 25.1 | 284    | 6     | 0.5028 |
| 75              | 7.1  | 284.2  | 7.09  | 0.49   |
| 115             | 9.1  | 284.64 | 8.1   |        |
| 37 07SC49@56    |      | 285    | 9.26  | 0.47   |
| 37 07SC49@56    |      | 285    | 9.26  | 0.47   |
| 75              | 2    | 285    | 6.35  | 0.48   |
| 100 XSCuNi-V    |      | 285    | 4.87  |        |

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|-----|------------|--------|------|--------|
| 110 | SN10-9/01  | 285    | 3.53 | 0.21   |
| 110 | SN10-3/06  | 285    | 3.86 | 0.19   |
| 110 | SN10-12/09 | 285    | 3.9  | 0.31   |
| 110 | SN10-9/03  | 285    | 3.98 | 0.24   |
| 110 | SN10-12/01 | 285    | 4.01 | 0.25   |
| 119 | 55.1       | 285    | 7    | 0.3873 |
| 75  | 12.1       | 285.6  | 6.98 | 0.48   |
| 115 | 3.1        | 285.61 | 8.4  |        |
| 37  | 07SC65@68  | 286    | 7.31 | 0.55   |
| 37  | 07SC65@68  | 286    | 7.31 | 0.55   |
| 75  | 22         | 286    | 6.55 | 0.41   |
| 75  | 8          | 286    | 7.87 | 0.45   |
| 110 | SN10-2/07  | 286    | 3.36 | 0.22   |
| 110 | SN10-3/12  | 286    | 3.54 | 0.22   |
| 110 | SN10-12/15 | 286    | 3.82 | 0.28   |
| 110 | SN10-2/11  | 286    | 3.92 | 0.31   |
| 115 | 14.1       | 286.08 | 10   |        |
| 75  | 16.1       | 286.4  | 7.43 | 0.5    |
| 100 | HS139      | 286.4  | 6.05 |        |
| 75  | 28         | 287    | 6.88 | 0.35   |
| 75  | 36         | 287    | 7.29 | 0.47   |
| 110 | SN10-3/10  | 287    | 3.59 | 0.19   |
| 110 | SN10-2/02  | 287    | 3.71 | 0.23   |
| 110 | SN10-9/15  | 287    | 4.33 | 0.21   |
| 75  | 3.2        | 287.3  | 6.78 | 0.48   |
| 115 | 10.1       | 287.84 | 8.4  |        |
| 75  | 31         | 288    | 6.14 | 0.36   |
| 110 | SN10-12/08 | 288    | 3.39 | 0.41   |
| 110 | SN10-12/07 | 288    | 3.41 | 0.25   |
| 110 | SN10-12/02 | 288    | 3.67 | 0.36   |
| 110 | SN10-9/05  | 288    | 3.95 | 0.25   |
| 110 | SN10-2/10  | 288    | 4.13 | 0.23   |
| 110 | SN10-12/12 | 288    | 4.49 | 0.3    |
| 110 | SN10-9/11  | 288    | 4.72 | 0.28   |
| 119 | 26.1       | 288    | 8    | 0.6737 |
| 37  | 07SC49@43  | 289    | 6.78 | 0.3    |
| 37  | 07SC49@43  | 289    | 6.78 | 0.3    |
| 60  | vgt-083    | 289    | 5.5  | 0.2    |
| 60  | vgt-083    | 289    | 5.5  | 0.2    |
| 110 | SN10-3/15  | 289    | 3.42 | 0.33   |
| 110 | SN10-3/07  | 289    | 3.65 | 0.29   |
| 110 | SN10-3/08  | 289    | 3.69 | 0.22   |
| 110 | SN10-3/04  | 289    | 4.06 | 0.27   |
| 115 | 24.1       | 289.32 | 9.2  |        |
| 115 | 11.1       | 289.72 | 9.9  |        |

|                |      |        |      |      |
|----------------|------|--------|------|------|
| 75             | 9.1  | 289.8  | 6.92 | 0.51 |
| 115            | 7.1  | 289.97 | 9.9  |      |
| 37 07SC65@98   |      | 290    | 5.65 | 0.37 |
| 37 07SC65@98   |      | 290    | 5.65 | 0.37 |
| 75             | 15   | 290    | 7.39 | 0.34 |
| 75             | 9    | 290    | 8.55 | 0.47 |
| 110 SN10-12/13 |      | 290    | 3.03 | 0.3  |
| 110 SN10-3/16  |      | 290    | 3.42 | 0.19 |
| 110 SN10-9/14  |      | 290    | 3.88 | 0.39 |
| 115            | 5.1  | 290.06 | 8    |      |
| 115            | 6.1  | 290.31 | 8.1  |      |
| 115            | 13.1 | 290.44 | 8.3  |      |
| 115            | 6.1  | 290.51 | 7.5  |      |
| 75             | 28   | 291    | 8.4  | 0.49 |
| 110 SN10-12/06 |      | 291    | 3.22 | 0.33 |
| 110 SN10-9/04  |      | 291    | 3.61 | 0.26 |
| 110 SN10-3/03  |      | 291    | 3.76 | 0.25 |
| 110 SN10-2/03  |      | 291    | 3.8  | 0.27 |
| 110 SN10-9/10  |      | 291    | 3.82 | 0.25 |
| 110 SN10-3/11  |      | 291    | 3.91 | 0.25 |
| 115            | 1.1  | 291.19 | 8.3  |      |
| 115            | 8.1  | 291.67 | 8.5  |      |
| 115            | 10.1 | 291.84 | 8.1  |      |
| 115            | 4.1  | 291.9  | 8.1  |      |
| 115            | 2.1  | 291.93 | 7.7  |      |
| 115            | 22.1 | 291.98 | 7.1  |      |
| 110 SN10-2/15  |      | 292    | 3.55 | 0.28 |
| 110 SN10-2/09  |      | 292    | 3.59 | 0.29 |
| 110 SN10-2/04  |      | 292    | 3.7  | 0.17 |
| 110 SN10-9/08  |      | 292    | 3.88 | 0.17 |
| 110 SN10-9/07  |      | 292    | 3.88 | 0.28 |
| 110 SN10-2/05  |      | 292    | 4.18 | 0.18 |
| 115            | 6.1  | 292.04 | 7.9  |      |
| 115            | 11.1 | 292.25 | 8.7  |      |
| 115            | 8.1  | 292.36 | 8.2  |      |
| 115            | 5.1  | 292.46 | 8.1  |      |
| 115            | 4.1  | 292.56 | 9.1  |      |
| 115            | 1.1  | 292.62 | 8.1  |      |
| 115            | 3.1  | 292.97 | 7.7  |      |
| 75             | 3    | 293    | 6.71 | 0.42 |
| 75             | 67   | 293    | 7.14 | 0.47 |
| 75             | 24   | 293    | 7.31 | 0.44 |
| 110 SN10-9/09  |      | 293    | 3.55 | 0.22 |
| 110 SN10-3/09  |      | 293    | 3.65 | 0.27 |
| 110 SN10-3/14  |      | 293    | 3.9  | 0.26 |

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| 110 | SN10-3/05  | 293    | 4.06  | 0.36   |
| 110 | SN10-9/06  | 293    | 4.38  | 0.29   |
| 115 | 25.1       | 293.17 | 8     |        |
| 115 | 4.1        | 293.6  | 8.1   |        |
| 115 | 12.1       | 293.66 | 8.1   |        |
| 37  | 07SC65@74  | 294    | 10.81 | 0.43   |
| 37  | 07SC65@74  | 294    | 10.81 | 0.43   |
| 75  | 43         | 294    | 7.1   | 0.47   |
| 75  | 6          | 294    | 8.25  | 0.35   |
| 110 | SN10-12/05 | 294    | 3.88  | 0.23   |
| 110 | SN10-2/14  | 294    | 4.46  | 0.23   |
| 115 | 13.1       | 294.18 | 9.3   |        |
| 115 | 6.1        | 294.51 | 8.5   |        |
| 115 | 14.1       | 294.8  | 9.4   |        |
| 115 | 2.1        | 294.95 | 8.1   |        |
| 75  | 67         | 295    | 7.56  | 0.39   |
| 75  | 50         | 295    | 7.93  | 0.4    |
| 75  | 12         | 295    | 8.93  | 0.39   |
| 110 | SN10-9/13  | 295    | 3.5   | 0.28   |
| 110 | SN10-9/16  | 295    | 3.93  | 0.24   |
| 115 | 7.1        | 295.01 | 7.8   |        |
| 115 | 13.1       | 295.04 | 9.4   |        |
| 115 | 10.1       | 295.06 | 7.7   |        |
| 115 | 2.1        | 295.15 | 7.3   |        |
| 115 | 7.1        | 295.3  | 7.8   |        |
| 115 | 9.1        | 295.36 | 7.9   |        |
| 115 | 18.1       | 295.88 | 8.5   |        |
| 115 | 9.1        | 295.92 | 7.9   |        |
| 75  | 62         | 296    | 7.47  | 0.37   |
| 119 | 22.1       | 296    | 5     | 0.4916 |
| 115 | 7.1        | 296.01 | 7.7   |        |
| 115 | 12.1       | 296.22 | 9.5   |        |
| 115 | 10.1       | 296.25 | 8.3   |        |
| 115 | 23.1       | 296.28 | 9     |        |
| 115 | 31.1       | 296.78 | 8.7   |        |
| 115 | 4.1        | 296.87 | 8     |        |
| 37  | 07SC65@23  | 297    | 6.36  | 0.25   |
| 37  | 07SC65@23  | 297    | 6.36  | 0.25   |
| 37  | 07SC49@63  | 297    | 10.15 | 0.35   |
| 37  | 07SC49@63  | 297    | 10.15 | 0.35   |
| 115 | 35.2       | 297.07 | 8.4   |        |
| 115 | 18.1       | 297.15 | 9.4   |        |
| 115 | 11.1       | 297.19 | 8.2   |        |
| 115 | 1.1        | 297.48 | 8.5   |        |
| 115 | 27.1       | 297.63 | 9.8   |        |

|                  |      |           |            |            |
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| 115              | 24.1 | 297.81    | 7.1        |            |
| 37 07SC65@84     |      | 298       | 8.67       | 0.42       |
| 37 07SC65@84     |      | 298       | 8.67       | 0.42       |
| 60 vgt-137       |      | 298       | 6.5        | 0.2        |
| 60 vgt-137       |      | 298       | 6.5        | 0.2        |
| 75               | 40   | 298       | 7.48       | 0.44       |
| 119              | 2.1  | 298       | 4          | 0.5482     |
| 119              | 1.1  | 298       | 6          | 0.4312     |
| 119              | 15.1 | 298       | 7          | 0.5333     |
| 119              | 17.1 | 298       | 8          | 0.2988     |
| 115              | 2.1  | 298.41    | 9.1        |            |
| 115              | 22.1 | 298.7     | 7.6        |            |
| 115              | 6.2  | 298.87    | 7.9        |            |
| 19 08LL04 1      |      | 299       | -6.1       | 0.33       |
| 19 08LL04 1      |      | 299       | -6.1       | 0.33       |
| 110 SN10-12/14   |      | 299       | 3.31       | 0.24       |
| 117              |      | 299.1     | 7.306834   | 0.0911     |
| 117              |      | 299.1     | 7.387827   | 0.109277   |
| 117              |      | 299.1     | 7.453585   | 0.095843   |
| 117              |      | 299.1     | 7.574255   | 0.115928   |
| 117              |      | 299.1     | 7.731239   | 0.091464   |
| 117              |      | 299.1     | 7.748664   | 0.100803   |
| 117              |      | 299.1     | 7.916776   | 0.100579   |
| 117              |      | 299.1     | 8.007387   | 0.096509   |
| 117              |      | 299.1     | 8.071531   | 0.110576   |
| 117              |      | 299.1     | 8.078473   | 0.094037   |
| 117              |      | 299.1     | 8.685504   | 0.105144   |
| 115              | 8.1  | 299.26    | 8.5        |            |
| 110 SN10-2/06    |      | 300       | 3.69       | 0.26       |
| 119              | 54.1 | 300       | 7          | 0.519      |
| 115              | 20.1 | 300.24    | 7.7        |            |
| 115              | 3.1  | 300.73    | 8.4        |            |
| 115              | 8.1  | 300.99    | 7.9        |            |
| 37 07SC49@75     |      | 301       | 10.28      | 0.47       |
| 37 07SC49@75     |      | 301       | 10.28      | 0.47       |
| 110 SN10-9/12    |      | 301       | 3.65       | 0.26       |
| 110 SN10-12/10   |      | 301       | 3.94       | 0.15       |
| 119              | 29.1 | 301       | 5          | 0.4978     |
| 18 NIL-anu-zrn-l |      | 301.00634 | 3.68247002 | 0.93659033 |
| 18 NIL-anu-zrn-l |      | 301.00634 | 3.68247002 | 0.93659033 |
| 115              | 19.1 | 301.24    | 9.9        |            |
| 115              | 17.1 | 301.25    | 7.2        |            |
| 115              | 25.1 | 301.35    | 8.2        |            |
| 115              | 16.1 | 301.91    | 8.3        |            |
| 75               | 35   | 302       | 6.81       | 0.38       |

|              |      |        |          |          |
|--------------|------|--------|----------|----------|
| 75           | 30   | 302    | 7.76     | 0.44     |
| 75           | 30   | 302    | 12.46    | 0.43     |
| 115          | 28.1 | 302.26 | 7.8      |          |
| 115          | 5.1  | 302.3  | 9.1      |          |
| 115          | 35.1 | 302.51 | 8.9      |          |
| 10 1774-76   |      | 303    | 6.5      | 0.7      |
| 10 1774-76   |      | 303    | 6.5      | 0.7      |
| 37 07SC49@95 |      | 303    | 6        | 0.39     |
| 37 07SC49@95 |      | 303    | 6        | 0.39     |
| 75           | 23   | 303    | 6.74     | 0.4      |
| 115          | 9.1  | 303.18 | 7.3      |          |
| 115          | 23.1 | 303.27 | 8.2      |          |
| 115          | 5.1  | 303.29 | 7.9      |          |
| 115          | 33.1 | 303.32 | 7.7      |          |
| 115          | 3.1  | 303.7  | 8.7      |          |
| 10 2346-33   |      | 304    | 5.8      | 0.5      |
| 10 2346-33   |      | 304    | 5.8      | 0.5      |
| 75           | 45   | 304    | 5.92     | 0.4      |
| 75           | 22   | 304    | 6.87     | 0.44     |
| 115          | 19.1 | 304.05 | 8.1      |          |
| 115          | 21.2 | 304.12 | 8.5      |          |
| 115          | 21.1 | 304.31 | 9.1      |          |
| 115          | 29.1 | 304.8  | 8.2      |          |
| 10 2346-34   |      | 305    | 4.2      | 0.5      |
| 10 2346-34   |      | 305    | 4.2      | 0.5      |
| 37 07SC65@45 |      | 305    | 10.54    | 0.6      |
| 37 07SC65@45 |      | 305    | 10.54    | 0.6      |
| 75           | 61   | 305    | 4.33     | 0.44     |
| 117          |      | 305.9  | 6.412233 | 0.094392 |
| 117          |      | 305.9  | 6.69127  | 0.128521 |
| 117          |      | 305.9  | 6.871818 | 0.103499 |
| 117          |      | 305.9  | 6.885695 | 0.119368 |
| 117          |      | 305.9  | 7.020125 | 0.089857 |
| 117          |      | 305.9  | 7.147068 | 0.101298 |
| 117          |      | 305.9  | 7.181716 | 0.108076 |
| 117          |      | 305.9  | 7.272032 | 0.101633 |
| 117          |      | 305.9  | 7.587496 | 0.079751 |
| 117          |      | 305.9  | 7.667317 | 0.106106 |
| 117          |      | 305.9  | 7.667573 | 0.095946 |
| 117          |      | 305.9  | 7.80313  | 0.106893 |
| 117          |      | 305.9  | 8.035598 | 0.106105 |
| 117          |      | 305.9  | 8.132351 | 0.087643 |
| 117          |      | 305.9  | 8.21708  | 0.109542 |
| 117          |      | 305.9  | 8.240114 | 0.108953 |
| 60 p11-131   |      | 306    | 8.3      | 0.4      |

|                  |      |            |            |            |
|------------------|------|------------|------------|------------|
| 60 p11-131       |      | 306        | 8.3        | 0.4        |
| 75               | 3    | 306        | 6          | 0.4        |
| 115              | 1.1  | 306.01     | 7.8        |            |
| 115              | 32.1 | 306.04     | 10         |            |
| 117              |      | 306.1      | 6.389578   | 0.16267    |
| 117              |      | 306.1      | 6.456883   | 0.097376   |
| 117              |      | 306.1      | 6.838953   | 0.090415   |
| 117              |      | 306.1      | 6.848995   | 0.11683    |
| 117              |      | 306.1      | 6.923618   | 0.109824   |
| 117              |      | 306.1      | 6.928895   | 0.113995   |
| 117              |      | 306.1      | 7.037148   | 0.080536   |
| 117              |      | 306.1      | 7.046135   | 0.11407    |
| 117              |      | 306.1      | 7.200417   | 0.088812   |
| 117              |      | 306.1      | 7.203871   | 0.104633   |
| 117              |      | 306.1      | 7.248569   | 0.09117    |
| 117              |      | 306.1      | 7.365644   | 0.079194   |
| 117              |      | 306.1      | 7.464527   | 0.121799   |
| 117              |      | 306.1      | 7.537047   | 0.07894    |
| 117              |      | 306.1      | 7.565666   | 0.160437   |
| 117              |      | 306.1      | 7.573685   | 0.072381   |
| 117              |      | 306.1      | 7.620396   | 0.086547   |
| 117              |      | 306.1      | 7.679799   | 0.100347   |
| 117              |      | 306.1      | 7.71989    | 0.102947   |
| 117              |      | 306.1      | 7.837153   | 0.099527   |
| 117              |      | 306.1      | 7.863837   | 0.066688   |
| 117              |      | 306.1      | 8.009612   | 0.104018   |
| 117              |      | 306.1      | 8.017317   | 0.107554   |
| 18 CNG2-anu-zrn- |      | 306.200953 | 6.77877263 | 0.59572438 |
| 18 CNG2-anu-zrn- |      | 306.200953 | 6.77877263 | 0.59572438 |
| 115              | 17.1 | 306.54     | 8.3        |            |
| 75               | 24   | 307        | 8.3        | 0.42       |
| 117              |      | 307.3      | 6.948956   | 0.101637   |
| 117              |      | 307.3      | 7.298439   | 0.100915   |
| 117              |      | 307.3      | 7.305089   | 0.120696   |
| 117              |      | 307.3      | 7.449666   | 0.099181   |
| 117              |      | 307.3      | 7.45672    | 0.110486   |
| 117              |      | 307.3      | 7.618892   | 0.107345   |
| 117              |      | 307.3      | 7.64306    | 0.121005   |
| 117              |      | 307.3      | 7.757505   | 0.10487    |
| 117              |      | 307.3      | 7.806946   | 0.096666   |
| 117              |      | 307.3      | 7.945576   | 0.09344    |
| 117              |      | 307.3      | 8.234559   | 0.113242   |
| 117              |      | 307.3      | 8.370979   | 0.096318   |
| 117              |      | 307.3      | 8.379054   | 0.115739   |
| 117              |      | 307.3      | 8.418136   | 0.084557   |

|     |              |        |          |          |
|-----|--------------|--------|----------|----------|
| 117 |              | 307.3  | 8.496656 | 0.109679 |
| 117 |              | 307.3  | 8.511655 | 0.108293 |
| 117 |              | 307.8  | 6.623643 | 0.110094 |
| 117 |              | 307.8  | 6.872598 | 0.135702 |
| 117 |              | 307.8  | 7.619005 | 0.120987 |
| 117 |              | 307.8  | 7.683028 | 0.163548 |
| 117 |              | 307.8  | 7.717082 | 0.15264  |
| 117 |              | 307.8  | 7.753935 | 0.141833 |
| 117 |              | 307.8  | 7.810441 | 0.144241 |
| 117 |              | 307.8  | 7.937007 | 0.113556 |
| 117 |              | 307.8  | 8.109316 | 0.142047 |
| 117 |              | 307.8  | 8.207974 | 0.090565 |
| 117 |              | 307.8  | 8.365116 | 0.157589 |
| 117 |              | 307.8  | 8.430598 | 0.179737 |
| 117 |              | 307.8  | 8.800379 | 0.125621 |
|     | 10 2346-01a  | 308    | 6.4      | 0.5      |
|     | 10 2346-01a  | 308    | 6.4      | 0.5      |
|     | 10 2346-23   | 308    | 7        | 0.5      |
|     | 10 2346-23   | 308    | 7        | 0.5      |
|     | 37 07SC65@46 | 308    | 10.08    | 0.28     |
|     | 37 07SC65@46 | 308    | 10.08    | 0.28     |
| 115 | 9.2          | 308.05 | 7.9      |          |
| 115 | 28.1         | 308.37 | 9.2      |          |
|     | 10 1746-18   | 309    | 4.7      | 0.6      |
|     | 10 1746-18   | 309    | 4.7      | 0.6      |
|     | 10 1774-82a  | 309    | 6.2      | 0.6      |
|     | 10 1774-82a  | 309    | 6.2      | 0.6      |
| 115 | 16.1         | 309.19 | 7.6      |          |
| 117 |              | 309.7  | 7.748023 | 0.101286 |
| 117 |              | 309.7  | 7.808506 | 0.104239 |
| 117 |              | 309.7  | 7.812294 | 0.132592 |
| 117 |              | 309.7  | 7.915846 | 0.099819 |
| 117 |              | 309.7  | 7.99912  | 0.117823 |
| 117 |              | 309.7  | 8.005643 | 0.087084 |
| 117 |              | 309.7  | 8.025623 | 0.108895 |
| 117 |              | 309.7  | 8.054824 | 0.087325 |
| 117 |              | 309.7  | 8.082386 | 0.106904 |
| 117 |              | 309.7  | 8.090844 | 0.110669 |
| 117 |              | 309.7  | 8.112167 | 0.087103 |
| 117 |              | 309.7  | 8.245542 | 0.088663 |
| 117 |              | 309.7  | 8.324017 | 0.109577 |
| 117 |              | 309.7  | 8.392022 | 0.121795 |
| 117 |              | 309.7  | 8.914273 | 0.082269 |
|     | 10 2346-24   | 310    | 7        | 0.5      |
|     | 10 2346-24   | 310    | 7        | 0.5      |



|             |      |        |          |          |
|-------------|------|--------|----------|----------|
| 56          | 52   | 310    | 6.17     |          |
| 56          | 52   | 310    | 6.17     |          |
| 75          | 20   | 310    | 5.28     | 0.37     |
| 75          | 66   | 311    | 6.65     | 0.4      |
| 10 1774-82b |      | 312    | 6        | 0.6      |
| 10 1774-82b |      | 312    | 6        | 0.6      |
| 115         | 30.1 | 312.02 | 7.6      |          |
| 10 1746-65  |      | 313    | 5.6      | 0.4      |
| 10 1746-65  |      | 313    | 5.6      | 0.4      |
| 10 2346-10  |      | 313    | 6.9      | 0.4      |
| 10 2346-10  |      | 313    | 6.9      | 0.4      |
| 10 2346-28  |      | 313    | 7.7      | 0.8      |
| 10 2346-28  |      | 313    | 7.7      | 0.8      |
| 10 2346-15  |      | 313    | 7.8      | 0.4      |
| 10 2346-15  |      | 313    | 7.8      | 0.4      |
| 10 2346-07  |      | 314    | 7.3      | 0.4      |
| 10 2346-07  |      | 314    | 7.3      | 0.4      |
| 62 WS02-6   |      | 314    | 7.49     | 0.28     |
| 62 WS02-6   |      | 314    | 7.49     | 0.28     |
| 10 1774-78  |      | 316    | 5.7      | 0.6      |
| 10 1774-78  |      | 316    | 5.7      | 0.6      |
| 56 NA4      |      | 316    | 7.79     |          |
| 56 NA4      |      | 316    | 7.79     |          |
| 10 2346-01b |      | 317    | 6        | 0.4      |
| 10 2346-01b |      | 317    | 6        | 0.4      |
| 119         | 14.1 | 317    | 6        | 0.4969   |
| 117         |      | 318.9  | 7.694688 | 0.143214 |
| 117         |      | 318.9  | 7.757816 | 0.157301 |
| 117         |      | 318.9  | 7.8214   | 0.150905 |
| 117         |      | 318.9  | 7.825026 | 0.140997 |
| 117         |      | 318.9  | 7.915717 | 0.12645  |
| 117         |      | 318.9  | 7.920306 | 0.130861 |
| 117         |      | 318.9  | 7.935337 | 0.115526 |
| 117         |      | 318.9  | 7.983211 | 0.148857 |
| 117         |      | 318.9  | 8.018291 | 0.155706 |
| 117         |      | 318.9  | 8.038585 | 0.135416 |
| 117         |      | 318.9  | 8.083476 | 0.132208 |
| 117         |      | 318.9  | 8.125838 | 0.180769 |
| 117         |      | 318.9  | 8.125992 | 0.130217 |
| 117         |      | 318.9  | 8.299722 | 0.129257 |
| 117         |      | 318.9  | 8.339121 | 0.142285 |
| 117         |      | 318.9  | 8.582965 | 0.138285 |
| 117         |      | 318.9  | 8.797194 | 0.128042 |
| 117         |      | 318.9  | 8.804571 | 0.138551 |
| 117         |      | 318.9  | 8.924065 | 0.131609 |

|              |      |        |          |          |
|--------------|------|--------|----------|----------|
| 117          |      | 318.9  | 9.226255 | 0.149908 |
| 60 vgt-104   |      | 319    | 5.5      | 0.2      |
| 60 vgt-104   |      | 319    | 5.5      | 0.2      |
| 10 1746-22   |      | 320    | 6        | 0.6      |
| 10 1746-22   |      | 320    | 6        | 0.6      |
| 115          | 34.1 | 320.16 | 8.1      |          |
| 117          |      | 320.5  | 6.863104 | 0.126999 |
| 117          |      | 320.5  | 7.277504 | 0.123101 |
| 117          |      | 320.5  | 7.366006 | 0.140091 |
| 117          |      | 320.5  | 7.409071 | 0.099115 |
| 117          |      | 320.5  | 7.734943 | 0.118355 |
| 117          |      | 320.5  | 7.78031  | 0.154749 |
| 117          |      | 320.5  | 7.972104 | 0.118853 |
| 117          |      | 320.5  | 7.985477 | 0.144321 |
| 117          |      | 320.5  | 8.208077 | 0.112266 |
| 117          |      | 320.5  | 8.251339 | 0.128415 |
| 117          |      | 320.5  | 8.409354 | 0.133531 |
| 117          |      | 320.5  | 8.436025 | 0.085126 |
| 117          |      | 320.5  | 8.539886 | 0.141377 |
| 117          |      | 320.5  | 9.282704 | 0.119733 |
| 117          |      | 320.5  | 9.393911 | 0.139815 |
| 117          |      | 320.5  | 9.594177 | 0.104488 |
| 117          |      | 320.5  | 9.974062 | 0.124841 |
| 10 2346-46   |      | 321    | 5.3      | 0.4      |
| 10 2346-46   |      | 321    | 5.3      | 0.4      |
| 10 1774-65a  |      | 321    | 6.2      | 0.7      |
| 10 1774-65a  |      | 321    | 6.2      | 0.7      |
| 115          | 14.1 | 321.37 | 10.4     |          |
| 10 2346-06   |      | 322    | 6.6      | 0.4      |
| 10 2346-06   |      | 322    | 6.6      | 0.4      |
| 10 2346-36   |      | 323    | 6.7      | 0.4      |
| 10 2346-36   |      | 323    | 6.7      | 0.4      |
| 19 08LL05 31 |      | 323    | 1.8      | 0.3      |
| 19 08LL05 31 |      | 323    | 1.8      | 0.3      |
| 75           | 39.1 | 323    | 9.28     | 0.29     |
| 19 08LL06 21 |      | 324    | 2.52     | 0.36     |
| 19 08LL06 21 |      | 324    | 2.52     | 0.36     |
| 75           | 41   | 324    | 5.69     | 0.43     |
| 10 1774-65b  |      | 325    | 5.8      | 0.7      |
| 10 1774-65b  |      | 325    | 5.8      | 0.7      |
| 75           | 32.1 | 329    | 6.83     | 0.33     |
| 10 2346-45   |      | 330    | 4.5      | 0.4      |
| 10 2346-45   |      | 330    | 4.5      | 0.4      |
| 19 08LL07 51 |      | 330    | 4.96     | 0.44     |
| 19 08LL07 51 |      | 330    | 4.96     | 0.44     |

|                  |            |            |            |       |
|------------------|------------|------------|------------|-------|
| 75               | 48         | 330        | 5.01       | 0.43  |
| 10 2346-03       |            | 331        | 4.5        | 0.5   |
| 10 2346-03       |            | 331        | 4.5        | 0.5   |
| 75               | 56         | 331        | 5.87       | 0.35  |
| 119              | 53.1       | 331        | 6          | 0.509 |
| 10 2346-04       |            | 332        | 5.8        | 0.4   |
| 10 2346-04       |            | 332        | 5.8        | 0.4   |
| 65 BB-86 5       |            | 332        | 5.71       | 0.26  |
| 65 BB-86 5       |            | 332        | 5.71       | 0.26  |
| 75               | 6.1        | 333        | 10.1       | 0.33  |
| 10 2641-31       |            | 334        | 7.2        | 0.6   |
| 10 2641-31       |            | 334        | 7.2        | 0.6   |
| 10 2346-35       |            | 335        | 4.7        | 0.4   |
| 10 2346-35       |            | 335        | 4.7        | 0.4   |
| 10 2346-22       |            | 335        | 5.5        | 0.5   |
| 10 2346-22       |            | 335        | 5.5        | 0.5   |
| 18 CNG2-anu-zrn- | 335.371742 | 5.76614898 | 0.59684719 |       |
| 18 CNG2-anu-zrn- | 335.371742 | 5.76614898 | 0.59684719 |       |
| 10 1774-84       |            | 337        | 6.4        | 0.7   |
| 10 1774-84       |            | 337        | 6.4        | 0.7   |
| 75               | 12         | 337        | 4.14       | 0.28  |
| 19 08LL05 46     |            | 338        | 4.65       | 0.31  |
| 19 08LL05 46     |            | 338        | 4.65       | 0.31  |
| 60 vgt-143       |            | 340        | 5.9        | 0.2   |
| 60 vgt-143       |            | 340        | 5.9        | 0.2   |
| 60 VGt-550       |            | 341        | 8.1        | 0.4   |
| 60 VGt-550       |            | 341        | 8.1        | 0.4   |
| 10 2346-20       |            | 342        | 5.5        | 0.5   |
| 10 2346-20       |            | 342        | 5.5        | 0.5   |
| 19 08LL07 35     |            | 343        | 5.96       | 0.3   |
| 19 08LL07 35     |            | 343        | 5.96       | 0.3   |
| 60 VGt-353       |            | 343        | 6.9        | 0.2   |
| 60 VGt-353       |            | 343        | 6.9        | 0.2   |
| 75               | 58.1       | 344        | 8.43       | 0.35  |
| 115              | 15.1       | 344.23     | 8.9        |       |
| 10 1746-02       |            | 345        | 6          | 0.8   |
| 10 1746-02       |            | 345        | 6          | 0.8   |
| 60 vgt-090       |            | 345        | 4          | 0.2   |
| 60 vgt-090       |            | 345        | 4          | 0.2   |
| 60 VGt-439       |            | 345        | 6.3        | 0.4   |
| 60 VGt-439       |            | 345        | 6.3        | 0.4   |
| 60 vgt-141       |            | 345        | 8          | 0.2   |
| 60 vgt-141       |            | 345        | 8          | 0.2   |
| 75               | 24         | 345        | 8.77       | 0.27  |
| 75               | 20         | 345        | 9.84       | 0.28  |

|              |      |     |       |        |
|--------------|------|-----|-------|--------|
| 19 08LL07 26 |      | 346 | 5.98  | 0.38   |
| 19 08LL07 26 |      | 346 | 5.98  | 0.38   |
| 56 AB-123    |      | 346 | 5.48  |        |
| 56 AB-123    |      | 346 | 5.48  |        |
| 60 VGt-489   |      | 347 | 5.5   | 0.4    |
| 60 VGt-489   |      | 347 | 5.5   | 0.4    |
| 119          | 47.1 | 347 | 6     | 0.3848 |
| 75           | 21.1 | 348 | 5.49  | 0.31   |
| 10 1746-15   |      | 349 | 6     | 0.7    |
| 10 1746-15   |      | 349 | 6     | 0.7    |
| 60 VGt-436   |      | 349 | 5.4   | 0.4    |
| 60 VGt-436   |      | 349 | 5.4   | 0.4    |
| 75           | 31.1 | 349 | 7.76  | 0.36   |
| 75           | 14   | 349 | 8.74  | 0.4    |
| 10 2346-09   |      | 351 | 7.2   | 0.4    |
| 10 2346-09   |      | 351 | 7.2   | 0.4    |
| 60 VGt-399   |      | 351 | 5.4   | 0.4    |
| 60 VGt-399   |      | 351 | 5.4   | 0.4    |
| 60 VGt-507   |      | 351 | 6.6   | 0.2    |
| 60 VGt-507   |      | 351 | 6.6   | 0.2    |
| 75           | 16   | 351 | 5.55  | 0.4    |
| 60 vgt-089   |      | 352 | 6.5   | 0.2    |
| 60 vgt-089   |      | 352 | 6.5   | 0.2    |
| 60 vgt-079   |      | 352 | 6.6   | 0.2    |
| 60 vgt-079   |      | 352 | 6.6   | 0.2    |
| 119          | 44.1 | 352 | 2     | 0.4822 |
| 60 vgt-092   |      | 353 | 6     | 0.2    |
| 60 vgt-092   |      | 353 | 6     | 0.2    |
| 75           | 54   | 353 | 6.15  | 0.48   |
| 60 vgt-084   |      | 354 | 5.2   | 0.2    |
| 60 vgt-084   |      | 354 | 5.2   | 0.2    |
| 60 VGt-543   |      | 354 | 5.2   | 0.4    |
| 60 VGt-543   |      | 354 | 5.2   | 0.4    |
| 65 BB-86 20  |      | 354 | 5.45  | 0.2    |
| 65 BB-86 20  |      | 354 | 5.45  | 0.2    |
| 75           | 26   | 354 | 8.5   | 0.43   |
| 75           | 56   | 354 | 8.75  | 0.5    |
| 75           | 60   | 354 | 11.17 | 0.51   |
| 60 vgt-139   |      | 355 | 7.8   | 0.2    |
| 60 vgt-139   |      | 355 | 7.8   | 0.2    |
| 10 1774-26   |      | 356 | 6.4   | 0.6    |
| 10 1774-26   |      | 356 | 6.4   | 0.6    |
| 60 vgt-103   |      | 357 | 5.6   | 0.2    |
| 60 vgt-103   |      | 357 | 5.6   | 0.2    |
| 60 VGt-470   |      | 357 | 6.3   | 0.4    |

|              |      |       |       |        |
|--------------|------|-------|-------|--------|
| 60 VGt-470   |      | 357   | 6.3   | 0.4    |
| 100 TLG-V2   |      | 357.5 | 5     |        |
| 60 VGt-516   |      | 359   | 7     | 0.2    |
| 60 VGt-516   |      | 359   | 7     | 0.2    |
| 37 07SC65@8  |      | 360   | 7.46  | 0.29   |
| 37 07SC65@8  |      | 360   | 7.46  | 0.29   |
| 37 07SC49@32 |      | 360   | 9.94  | 0.27   |
| 37 07SC49@32 |      | 360   | 9.94  | 0.27   |
| 60 vgt-107   |      | 360   | 3.3   | 0.3    |
| 60 vgt-107   |      | 360   | 3.3   | 0.3    |
| 37 07SC65@89 |      | 361   | 5.78  | 0.35   |
| 37 07SC65@89 |      | 361   | 5.78  | 0.35   |
| 37 07SC49@20 |      | 361   | 10.88 | 0.34   |
| 37 07SC49@20 |      | 361   | 10.88 | 0.34   |
| 59 M0-1252   |      | 361   | 6.2   | 0.1    |
| 59 M0-1252   |      | 361   | 6.2   | 0.1    |
| 59 M0-1118   |      | 362   | 7.7   | 0.3    |
| 59 M0-1118   |      | 362   | 7.7   | 0.3    |
| 75           | 21   | 364   | 8.55  | 0.39   |
| 37 07SC65@24 |      | 365   | 6.92  | 0.28   |
| 37 07SC65@24 |      | 365   | 6.92  | 0.28   |
| 37 07SC65@25 |      | 365   | 7.33  | 0.32   |
| 37 07SC65@25 |      | 365   | 7.33  | 0.32   |
| 75           | 5    | 365   | 9.07  | 0.4    |
| 10 2641-04   |      | 366   | 6.5   | 0.5    |
| 10 2641-04   |      | 366   | 6.5   | 0.5    |
| 37 07SC65@66 |      | 367   | 5.57  | 0.45   |
| 37 07SC65@66 |      | 367   | 5.57  | 0.45   |
| 75           | 45   | 367   | 11.61 | 0.46   |
| 37 07SC65@70 |      | 368   | 7.37  | 0.46   |
| 37 07SC65@70 |      | 368   | 7.37  | 0.46   |
| 75           | 14.1 | 368.8 | 7.68  | 0.28   |
| 75           | 37   | 369   | 8.15  | 0.51   |
| 119          | 5.1  | 369   | 6     | 0.3109 |
| 37 07SC65@75 |      | 370   | 7     | 0.49   |
| 37 07SC65@75 |      | 370   | 7     | 0.49   |
| 62 WS02-3    |      | 370   | 8.21  | 0.23   |
| 62 WS02-3    |      | 370   | 8.21  | 0.23   |
| 10 2346-39   |      | 371   | 9     | 0.4    |
| 10 2346-39   |      | 371   | 9     | 0.4    |
| 37 07SC65@14 |      | 371   | 6.59  | 0.41   |
| 37 07SC65@14 |      | 371   | 6.59  | 0.41   |
| 37 07SC65@94 |      | 371   | 7.59  | 0.36   |
| 37 07SC65@94 |      | 371   | 7.59  | 0.36   |
| 37 07SC49@28 |      | 371   | 9.79  | 0.3    |

|              |     |            |            |
|--------------|-----|------------|------------|
| 37 07SC49@28 | 371 | 9.79       | 0.3        |
| 37 07SC65@1  | 371 | 10.78      | 0.54       |
| 37 07SC65@1  | 371 | 10.78      | 0.54       |
| 59 M0-1300   | 371 | 9.1        | 0.2        |
| 59 M0-1300   | 371 | 9.1        | 0.2        |
| 75 38        | 371 | 7.36       | 0.46       |
| 10 1746-53   | 372 | 6.1        | 0.4        |
| 10 1746-53   | 372 | 6.1        | 0.4        |
| 37 07SC65@55 | 372 | 5.99       | 0.24       |
| 37 07SC65@55 | 372 | 5.99       | 0.24       |
| 37 07SC65@73 | 372 | 6.67       | 0.28       |
| 37 07SC65@73 | 372 | 6.67       | 0.28       |
| 37 07SC65@93 | 372 | 7.45       | 0.4        |
| 37 07SC65@93 | 372 | 7.45       | 0.4        |
| 59 M0-1055   | 372 | 6.7        | 0.4        |
| 59 M0-1055   | 372 | 6.7        | 0.4        |
| 10 2346-16   | 373 | 7          | 0.4        |
| 10 2346-16   | 373 | 7          | 0.4        |
| 37 07SC65@85 | 373 | 5.48       | 0.36       |
| 37 07SC65@85 | 373 | 5.48       | 0.36       |
| 37 07SC65@42 | 373 | 6.58       | 0.32       |
| 37 07SC65@42 | 373 | 6.58       | 0.32       |
| 75 18        | 374 | 7.43       | 0.4        |
| 10 2346-02   | 375 | 4.1        | 0.4        |
| 10 2346-02   | 375 | 4.1        | 0.4        |
| 21           | 375 | 3.9655633  | 0.30808242 |
| 21           | 375 | 3.9655633  | 0.30808242 |
| 21           | 375 | 4.14993326 | 0.44743394 |
| 21           | 375 | 4.14993326 | 0.44743394 |
| 21           | 375 | 4.20554485 | 0.33649381 |
| 21           | 375 | 4.20554485 | 0.33649381 |
| 21           | 375 | 4.46907365 | 0.43443142 |
| 21           | 375 | 4.46907365 | 0.43443142 |
| 21           | 375 | 4.90494828 | 0.32827517 |
| 21           | 375 | 4.90494828 | 0.32827517 |
| 21           | 375 | 4.91847542 | 0.38122682 |
| 21           | 375 | 4.91847542 | 0.38122682 |
| 21           | 375 | 4.93350558 | 0.33496899 |
| 21           | 375 | 4.93350558 | 0.33496899 |
| 21           | 375 | 4.9350086  | 0.40779471 |
| 21           | 375 | 4.9350086  | 0.40779471 |
| 21           | 375 | 5.0201795  | 0.44255863 |
| 21           | 375 | 5.0201795  | 0.44255863 |
| 21           | 375 | 5.08230416 | 0.35494531 |
| 21           | 375 | 5.08230416 | 0.35494531 |

|     |           |       |            |            |
|-----|-----------|-------|------------|------------|
| 21  |           | 375   | 5.26266608 | 0.34282159 |
| 21  |           | 375   | 5.26266608 | 0.34282159 |
| 21  |           | 375   | 5.80375182 | 0.36257598 |
| 21  |           | 375   | 5.80375182 | 0.36257598 |
| 37  | 07SC65@51 | 378   | 5.57       | 0.43       |
| 37  | 07SC65@51 | 378   | 5.57       | 0.43       |
| 37  | 07SC65@67 | 378   | 10.91      | 0.26       |
| 37  | 07SC65@67 | 378   | 10.91      | 0.26       |
| 75  | 12.1      | 380.9 | 6.88       | 0.29       |
| 75  | 17        | 381   | 7.46       | 0.38       |
| 10  | 2346-13   | 383   | 6.9        | 0.5        |
| 10  | 2346-13   | 383   | 6.9        | 0.5        |
| 37  | 07SC65@61 | 383   | 6.53       | 0.32       |
| 37  | 07SC65@61 | 383   | 6.53       | 0.32       |
| 119 | 39.1      | 384   | 9          | 0.333      |
| 75  | 37        | 386   | 6.93       | 0.42       |
| 75  | 13.1      | 387.5 | 7.51       | 0.29       |
| 10  | 2346-31   | 388   | 7          | 0.5        |
| 10  | 2346-31   | 388   | 7          | 0.5        |
| 75  | 9.1       | 388.4 | 7.06       | 0.29       |
| 75  | 11.1      | 388.6 | 7.77       | 0.3        |
| 75  | 13        | 389   | 9.42       | 0.42       |
| 78  | TKB11     | 390   | 6.36       |            |
| 78  | TKB1      | 390   | 6.41       |            |
| 78  | TKB5      | 390   | 6.65       |            |
| 75  | 15.1      | 391.5 | 7.74       | 0.31       |
| 10  | 2346-05   | 392   | 10.6       | 0.4        |
| 10  | 2346-05   | 392   | 10.6       | 0.4        |
| 37  | 07SC49@88 | 392   | 6.46       | 0.46       |
| 37  | 07SC49@88 | 392   | 6.46       | 0.46       |
| 75  | 57        | 392   | 7.07       | 0.35       |
| 10  | 2641-52   | 393   | 9.1        | 0.6        |
| 10  | 2641-52   | 393   | 9.1        | 0.6        |
| 75  | 43        | 393   | 9.42       | 0.4        |
| 75  | 1.1       | 393.5 | 6.72       | 0.31       |
| 75  | 8.1       | 393.9 | 7.58       | 0.29       |
| 10  | 2641-05   | 394   | 7.8        | 0.6        |
| 10  | 2641-05   | 394   | 7.8        | 0.6        |
| 10  | 2606-23   | 395   | 6.1        | 0.4        |
| 10  | 2606-23   | 395   | 6.1        | 0.4        |
| 19  | 08LL07 53 | 395   | 5.98       | 0.42       |
| 19  | 08LL07 53 | 395   | 5.98       | 0.42       |
| 75  | 5.1       | 395   | 8.31       | 0.3        |
| 10  | 2346-12   | 397   | 7.7        | 0.4        |
| 10  | 2346-12   | 397   | 7.7        | 0.4        |

|                  |            |            |            |        |
|------------------|------------|------------|------------|--------|
| 75               | 64         | 397        | 7.3        | 0.41   |
| 100 SH-11        |            | 397.5      | 4.64       |        |
| 121 9            | 398        |            | 9.91       | 0.18   |
| 75               | 6.1        | 398.1      | 7.8        | 0.29   |
| 19 08LL07 49     |            | 399        | 6.09       | 0.39   |
| 19 08LL07 49     |            | 399        | 6.09       | 0.39   |
| 75               | 41         | 399        | 10.01      | 0.4    |
| 10 2346-41       |            | 400        | 6.5        | 0.4    |
| 10 2346-41       |            | 400        | 6.5        | 0.4    |
| 10 2641-11       |            | 400        | 7.3        | 0.5    |
| 10 2641-11       |            | 400        | 7.3        | 0.5    |
| 37 07SC65@15     |            | 400        | 8.53       | 0.39   |
| 37 07SC65@15     |            | 400        | 8.53       | 0.39   |
| 37 07SC65@90     |            | 400        | 9          | 0.34   |
| 37 07SC65@90     |            | 400        | 9          | 0.34   |
| 56 PAM-07        |            | 400        | 9.11       |        |
| 56 PAM-07        |            | 400        | 9.11       |        |
| 78 TKB-15        |            | 400        | 6.91       |        |
| 78 TKB17         |            | 400        | 8.06       |        |
| 78 TKB100        |            | 400        | 8.12       |        |
| 10 1774-10b      |            | 401        | 11.9       | 0.6    |
| 10 1774-10b      |            | 401        | 11.9       | 0.6    |
| 18 CNG2-anu-zrn- | 401.589066 | 6.46943526 | 0.59802899 |        |
| 18 CNG2-anu-zrn- | 401.589066 | 6.46943526 | 0.59802899 |        |
| 75               | 4.2        | 401.6      | 7          | 0.29   |
| 10 2606-04       |            | 402        | 6.7        | 0.4    |
| 10 2606-04       |            | 402        | 6.7        | 0.4    |
| 10 2641-25       |            | 402        | 8.1        | 0.7    |
| 10 2641-25       |            | 402        | 8.1        | 0.7    |
| 119              | 56.1       | 403        | 8          | 0.6088 |
| 75               | 4.1        | 403.2      | 7.28       | 0.29   |
| 10 2641-16       |            | 405        | 9.1        | 0.9    |
| 10 2641-16       |            | 405        | 9.1        | 0.9    |
| 59 M0-1240       |            | 405        | 3.1        | 0.2    |
| 59 M0-1240       |            | 405        | 3.1        | 0.2    |
| 121 3            | 406        |            | 10.33      | 0.35   |
| 59 M0-906        |            | 407        | 6.5        | 0.2    |
| 59 M0-906        |            | 407        | 6.5        | 0.2    |
| 75               | 20         | 408        | 7.27       | 0.35   |
| 10 1746-11       |            | 409        | 9.4        | 0.8    |
| 10 1746-11       |            | 409        | 9.4        | 0.8    |
| 75               | 39         | 411        | 8.73       | 0.41   |
| 10 2641-58       |            | 412        | 5.5        | 0.9    |
| 10 2641-58       |            | 412        | 5.5        | 0.9    |
| 10 2606-02       |            | 414        | 8          | 0.4    |



|            |     |            |            |
|------------|-----|------------|------------|
| 10 2606-02 | 414 | 8          | 0.4        |
| 21         | 414 | 6.2604936  | 0.38376089 |
| 21         | 414 | 6.2604936  | 0.38376089 |
| 21         | 414 | 6.36926423 | 0.25153733 |
| 21         | 414 | 6.36926423 | 0.25153733 |
| 21         | 414 | 6.4348488  | 0.33132582 |
| 21         | 414 | 6.4348488  | 0.33132582 |
| 21         | 414 | 6.43763492 | 0.30992682 |
| 21         | 414 | 6.43763492 | 0.30992682 |
| 21         | 414 | 6.49287745 | 0.2789991  |
| 21         | 414 | 6.49287745 | 0.2789991  |
| 21         | 414 | 6.50967489 | 0.32441281 |
| 21         | 414 | 6.50967489 | 0.32441281 |
| 21         | 414 | 6.51915286 | 0.4512376  |
| 21         | 414 | 6.51915286 | 0.4512376  |
| 21         | 414 | 6.52663547 | 0.32593774 |
| 21         | 414 | 6.52663547 | 0.32593774 |
| 21         | 414 | 6.54092146 | 0.33814322 |
| 21         | 414 | 6.54092146 | 0.33814322 |
| 21         | 414 | 6.5966025  | 0.40521061 |
| 21         | 414 | 6.5966025  | 0.40521061 |
| 21         | 414 | 6.631392   | 0.2696962  |
| 21         | 414 | 6.631392   | 0.2696962  |
| 21         | 414 | 6.63288852 | 0.29741711 |
| 21         | 414 | 6.63288852 | 0.29741711 |
| 21         | 414 | 6.64902047 | 0.30894421 |
| 21         | 414 | 6.64902047 | 0.30894421 |
| 21         | 414 | 6.66753743 | 0.45446182 |
| 21         | 414 | 6.66753743 | 0.45446182 |
| 21         | 414 | 6.68872102 | 0.28438341 |
| 21         | 414 | 6.68872102 | 0.28438341 |
| 21         | 414 | 6.69356126 | 0.42085622 |
| 21         | 414 | 6.69356126 | 0.42085622 |
| 21         | 414 | 6.70407089 | 0.46905267 |
| 21         | 414 | 6.70407089 | 0.46905267 |
| 21         | 414 | 6.72567287 | 0.30851561 |
| 21         | 414 | 6.72567287 | 0.30851561 |
| 21         | 414 | 6.73151242 | 0.34749992 |
| 21         | 414 | 6.73151242 | 0.34749992 |
| 21         | 414 | 6.73553173 | 0.17703752 |
| 21         | 414 | 6.73553173 | 0.17703752 |
| 21         | 414 | 6.75011306 | 0.25650929 |
| 21         | 414 | 6.75011306 | 0.25650929 |
| 21         | 414 | 6.76796606 | 0.22534287 |
| 21         | 414 | 6.76796606 | 0.22534287 |

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|----|-----|------------|------------|
| 21 | 414 | 6.78403722 | 0.36175295 |
| 21 | 414 | 6.78403722 | 0.36175295 |
| 21 | 414 | 6.79665569 | 0.34351659 |
| 21 | 414 | 6.79665569 | 0.34351659 |
| 21 | 414 | 6.80115982 | 0.25820331 |
| 21 | 414 | 6.80115982 | 0.25820331 |
| 21 | 414 | 6.80548737 | 0.19795209 |
| 21 | 414 | 6.80548737 | 0.19795209 |
| 21 | 414 | 6.82568228 | 0.30323995 |
| 21 | 414 | 6.82568228 | 0.30323995 |
| 21 | 414 | 6.82584885 | 0.325843   |
| 21 | 414 | 6.82584885 | 0.325843   |
| 21 | 414 | 6.82743635 | 0.24211378 |
| 21 | 414 | 6.82743635 | 0.24211378 |
| 21 | 414 | 6.84018038 | 0.31121769 |
| 21 | 414 | 6.84018038 | 0.31121769 |
| 21 | 414 | 6.84319832 | 0.33062864 |
| 21 | 414 | 6.84319832 | 0.33062864 |
| 21 | 414 | 6.84689113 | 0.30050005 |
| 21 | 414 | 6.84689113 | 0.30050005 |
| 21 | 414 | 6.84880238 | 0.42689305 |
| 21 | 414 | 6.84880238 | 0.42689305 |
| 21 | 414 | 6.86135751 | 0.35060253 |
| 21 | 414 | 6.86135751 | 0.35060253 |
| 21 | 414 | 6.8912165  | 0.23424093 |
| 21 | 414 | 6.8912165  | 0.23424093 |
| 21 | 414 | 6.89477983 | 0.30150518 |
| 21 | 414 | 6.89477983 | 0.30150518 |
| 21 | 414 | 6.90319225 | 0.20199333 |
| 21 | 414 | 6.90319225 | 0.20199333 |
| 21 | 414 | 6.90874737 | 0.49239062 |
| 21 | 414 | 6.90874737 | 0.49239062 |
| 21 | 414 | 6.91616598 | 0.51270701 |
| 21 | 414 | 6.91616598 | 0.51270701 |
| 21 | 414 | 6.95508717 | 0.3207353  |
| 21 | 414 | 6.95508717 | 0.3207353  |
| 21 | 414 | 6.95563838 | 0.33170441 |
| 21 | 414 | 6.95563838 | 0.33170441 |
| 21 | 414 | 6.96207302 | 0.33809527 |
| 21 | 414 | 6.96207302 | 0.33809527 |
| 21 | 414 | 6.96606494 | 0.25505693 |
| 21 | 414 | 6.96606494 | 0.25505693 |
| 21 | 414 | 6.98452756 | 0.35253453 |
| 21 | 414 | 6.98452756 | 0.35253453 |
| 21 | 414 | 6.99592109 | 0.36402312 |

|    |     |            |            |
|----|-----|------------|------------|
| 21 | 414 | 6.99592109 | 0.36402312 |
| 21 | 414 | 7.00112296 | 0.3970807  |
| 21 | 414 | 7.00112296 | 0.3970807  |
| 21 | 414 | 7.03036976 | 0.46999083 |
| 21 | 414 | 7.03036976 | 0.46999083 |
| 21 | 414 | 7.03787663 | 0.36492611 |
| 21 | 414 | 7.03787663 | 0.36492611 |
| 21 | 414 | 7.05438611 | 0.23483346 |
| 21 | 414 | 7.05438611 | 0.23483346 |
| 21 | 414 | 7.06402636 | 0.34767838 |
| 21 | 414 | 7.06402636 | 0.34767838 |
| 21 | 414 | 7.08341835 | 0.30301844 |
| 21 | 414 | 7.08341835 | 0.30301844 |
| 21 | 414 | 7.10877598 | 0.33998051 |
| 21 | 414 | 7.10877598 | 0.33998051 |
| 21 | 414 | 7.12095272 | 0.39896267 |
| 21 | 414 | 7.12095272 | 0.39896267 |
| 21 | 414 | 7.15331878 | 0.33571008 |
| 21 | 414 | 7.15331878 | 0.33571008 |
| 21 | 414 | 7.15468302 | 0.38208502 |
| 21 | 414 | 7.15468302 | 0.38208502 |
| 21 | 414 | 7.19973611 | 0.25274476 |
| 21 | 414 | 7.19973611 | 0.25274476 |
| 21 | 414 | 7.23455678 | 0.3899004  |
| 21 | 414 | 7.23455678 | 0.3899004  |
| 21 | 414 | 7.237427   | 0.35746431 |
| 21 | 414 | 7.237427   | 0.35746431 |
| 21 | 414 | 7.24280267 | 0.44997344 |
| 21 | 414 | 7.24280267 | 0.44997344 |
| 21 | 414 | 7.24380422 | 0.32690997 |
| 21 | 414 | 7.24380422 | 0.32690997 |
| 21 | 414 | 7.24881196 | 0.3972153  |
| 21 | 414 | 7.24881196 | 0.3972153  |
| 21 | 414 | 7.26217831 | 0.26382826 |
| 21 | 414 | 7.26217831 | 0.26382826 |
| 21 | 414 | 7.27539521 | 0.24131587 |
| 21 | 414 | 7.27539521 | 0.24131587 |
| 21 | 414 | 7.27793346 | 0.35130297 |
| 21 | 414 | 7.27793346 | 0.35130297 |
| 21 | 414 | 7.3193496  | 0.33579416 |
| 21 | 414 | 7.3193496  | 0.33579416 |
| 21 | 414 | 7.33132535 | 0.35945218 |
| 21 | 414 | 7.33132535 | 0.35945218 |
| 21 | 414 | 7.34380009 | 0.46104496 |
| 21 | 414 | 7.34380009 | 0.46104496 |

|             |    |     |             |             |
|-------------|----|-----|-------------|-------------|
| 21          |    | 414 | 7. 35937334 | 0. 25847754 |
| 21          |    | 414 | 7. 35937334 | 0. 25847754 |
| 21          |    | 414 | 7. 41515561 | 0. 25755056 |
| 21          |    | 414 | 7. 41515561 | 0. 25755056 |
| 21          |    | 414 | 7. 42413742 | 0. 3825802  |
| 21          |    | 414 | 7. 42413742 | 0. 3825802  |
| 21          |    | 414 | 7. 42912732 | 0. 36749498 |
| 21          |    | 414 | 7. 42912732 | 0. 36749498 |
| 21          |    | 414 | 7. 44559398 | 0. 31273083 |
| 21          |    | 414 | 7. 44559398 | 0. 31273083 |
| 21          |    | 414 | 7. 46954548 | 0. 17852445 |
| 21          |    | 414 | 7. 46954548 | 0. 17852445 |
| 21          |    | 414 | 7. 47503436 | 0. 20283378 |
| 21          |    | 414 | 7. 47503436 | 0. 20283378 |
| 21          |    | 414 | 7. 489251   | 0. 30591244 |
| 21          |    | 414 | 7. 489251   | 0. 30591244 |
| 21          |    | 414 | 7. 54439392 | 0. 20425005 |
| 21          |    | 414 | 7. 54439392 | 0. 20425005 |
| 21          |    | 414 | 7. 57133936 | 0. 4117936  |
| 21          |    | 414 | 7. 57133936 | 0. 4117936  |
| 21          |    | 414 | 7. 64069892 | 0. 27373433 |
| 21          |    | 414 | 7. 64069892 | 0. 27373433 |
| 21          |    | 414 | 7. 64568882 | 0. 25767843 |
| 21          |    | 414 | 7. 64568882 | 0. 25767843 |
| 21          |    | 414 | 7. 65496421 | 0. 37862289 |
| 21          |    | 414 | 7. 65496421 | 0. 37862289 |
| 21          |    | 414 | 7. 67300267 | 0. 4026361  |
| 21          |    | 414 | 7. 67300267 | 0. 4026361  |
| 21          |    | 414 | 7. 78012524 | 0. 21302627 |
| 21          |    | 414 | 7. 78012524 | 0. 21302627 |
| 21          |    | 414 | 7. 85722444 | 0. 3507418  |
| 21          |    | 414 | 7. 85722444 | 0. 3507418  |
| 21          |    | 414 | 7. 87374569 | 0. 65755792 |
| 21          |    | 414 | 7. 87374569 | 0. 65755792 |
| 21          |    | 414 | 7. 88565314 | 0. 31066841 |
| 21          |    | 414 | 7. 88565314 | 0. 31066841 |
| 75          | 41 | 414 | 4. 06       | 0. 34       |
| 78 B4-28    |    | 415 | 6. 69       |             |
| 78 KK4      |    | 415 | 7. 03       |             |
| 78 KK2      |    | 415 | 7. 62       |             |
| 105 10GD25  |    | 415 | 8. 15       |             |
| 57 Temora-1 |    | 417 | 7. 93       |             |
| 57 Temora-1 |    | 417 | 7. 93       |             |
| 57 Temora-2 |    | 417 | 8. 2        |             |
| 57 Temora-2 |    | 417 | 8. 2        |             |

|              |       |         |             |             |
|--------------|-------|---------|-------------|-------------|
| 115          | 26. 1 | 417. 75 | 9. 2        |             |
| 10 2606-12   |       | 418     | 7. 4        | 0. 4        |
| 10 2606-12   |       | 418     | 7. 4        | 0. 4        |
| 10 2606-19   |       | 419     | 8. 2        | 0. 4        |
| 10 2606-19   |       | 419     | 8. 2        | 0. 4        |
| 57 R33       |       | 419     | 5. 55       |             |
| 57 R33       |       | 419     | 5. 55       |             |
| 75           | 32    | 419     | 7. 21       | 0. 54       |
| 19 08LL06 31 |       | 420     | 7. 31       | 0. 42       |
| 19 08LL06 31 |       | 420     | 7. 31       | 0. 42       |
| 37 07SC49@80 |       | 420     | 5. 93       | 0. 34       |
| 37 07SC49@80 |       | 420     | 5. 93       | 0. 34       |
| 37 07SC49@31 |       | 420     | 8. 14       | 0. 34       |
| 37 07SC49@31 |       | 420     | 8. 14       | 0. 34       |
| 75           | 34    | 421     | 8. 43       | 0. 39       |
| 100 HSX      |       | 423. 7  | 5. 55       |             |
| 115          | 29. 1 | 425. 87 | 8. 1        |             |
| 60 VGt-560   |       | 426     | 11. 9       | 0. 2        |
| 60 VGt-560   |       | 426     | 11. 9       | 0. 2        |
| 37 07SC49@41 |       | 427     | 9. 11       | 0. 24       |
| 37 07SC49@41 |       | 427     | 9. 11       | 0. 24       |
| 21           |       | 428     | 8. 81042908 | 0. 77467442 |
| 21           |       | 428     | 8. 81042908 | 0. 77467442 |
| 21           |       | 428     | 9. 07963529 | 0. 51885864 |
| 21           |       | 428     | 9. 07963529 | 0. 51885864 |
| 21           |       | 428     | 9. 10470105 | 0. 5483811  |
| 21           |       | 428     | 9. 10470105 | 0. 5483811  |
| 21           |       | 428     | 9. 15132335 | 0. 79126582 |
| 21           |       | 428     | 9. 15132335 | 0. 79126582 |
| 21           |       | 428     | 9. 17254279 | 0. 6705866  |
| 21           |       | 428     | 9. 17254279 | 0. 6705866  |
| 21           |       | 428     | 9. 19744434 | 0. 574029   |
| 21           |       | 428     | 9. 19744434 | 0. 574029   |
| 21           |       | 428     | 9. 22672435 | 0. 66027523 |
| 21           |       | 428     | 9. 22672435 | 0. 66027523 |
| 21           |       | 428     | 9. 22852588 | 0. 80465855 |
| 21           |       | 428     | 9. 22852588 | 0. 80465855 |
| 21           |       | 428     | 9. 27338068 | 0. 39299334 |
| 21           |       | 428     | 9. 27338068 | 0. 39299334 |
| 21           |       | 428     | 9. 50374787 | 0. 61190502 |
| 21           |       | 428     | 9. 50374787 | 0. 61190502 |
| 21           |       | 428     | 9. 80553957 | 0. 42595281 |
| 21           |       | 428     | 9. 80553957 | 0. 42595281 |
| 21           |       | 428     | 9. 81406193 | 0. 73889998 |
| 21           |       | 428     | 9. 81406193 | 0. 73889998 |

|       |     |      |            |            |
|-------|-----|------|------------|------------|
| 21    |     | 428  | 10.3239008 | 0.60556524 |
| 21    |     | 428  | 10.3239008 | 0.60556524 |
| 21    |     | 428  | 10.8953155 | 0.41719416 |
| 21    |     | 428  | 10.8953155 | 0.41719416 |
| 121 5 | 428 | 9.07 |            | 0.18       |
| 21    |     | 430  | 7.41074557 | 0.47617245 |
| 21    |     | 430  | 7.41074557 | 0.47617245 |
| 21    |     | 430  | 7.85867361 | 0.63       |
| 21    |     | 430  | 7.85867361 | 0.63       |
| 21    |     | 430  | 7.94843832 | 0.5891645  |
| 21    |     | 430  | 7.94843832 | 0.5891645  |
| 21    |     | 430  | 7.94849649 | 0.79984961 |
| 21    |     | 430  | 7.94849649 | 0.79984961 |
| 21    |     | 430  | 7.97091569 | 0.65320768 |
| 21    |     | 430  | 7.97091569 | 0.65320768 |
| 21    |     | 430  | 7.98175521 | 0.65281149 |
| 21    |     | 430  | 7.98175521 | 0.65281149 |
| 21    |     | 430  | 8.01835121 | 0.56656142 |
| 21    |     | 430  | 8.01835121 | 0.56656142 |
| 21    |     | 430  | 8.02010626 | 0.60367145 |
| 21    |     | 430  | 8.02010626 | 0.60367145 |
| 21    |     | 430  | 8.04221487 | 0.36121621 |
| 21    |     | 430  | 8.04221487 | 0.36121621 |
| 21    |     | 430  | 8.07531247 | 0.47459372 |
| 21    |     | 430  | 8.07531247 | 0.47459372 |
| 21    |     | 430  | 8.08335127 | 0.41509188 |
| 21    |     | 430  | 8.08335127 | 0.41509188 |
| 21    |     | 430  | 8.7069836  | 0.7153921  |
| 21    |     | 430  | 8.7069836  | 0.7153921  |
| 21    |     | 430  | 8.70717584 | 0.25812649 |
| 21    |     | 430  | 8.70717584 | 0.25812649 |
| 21    |     | 430  | 8.74578971 | 0.51041311 |
| 21    |     | 430  | 8.74578971 | 0.51041311 |
| 21    |     | 430  | 8.79761837 | 0.57295762 |
| 21    |     | 430  | 8.79761837 | 0.57295762 |
| 21    |     | 430  | 8.80270389 | 0.39483448 |
| 21    |     | 430  | 8.80270389 | 0.39483448 |
| 21    |     | 430  | 8.82301705 | 0.61977016 |
| 21    |     | 430  | 8.82301705 | 0.61977016 |
| 21    |     | 430  | 8.84630699 | 0.44065679 |
| 21    |     | 430  | 8.84630699 | 0.44065679 |
| 21    |     | 430  | 8.85306069 | 0.29906355 |
| 21    |     | 430  | 8.85306069 | 0.29906355 |
| 21    |     | 430  | 8.93051125 | 0.61620996 |
| 21    |     | 430  | 8.93051125 | 0.61620996 |

|     |           |     |            |            |
|-----|-----------|-----|------------|------------|
| 21  |           | 430 | 9.01439691 | 0.67822327 |
| 21  |           | 430 | 9.01439691 | 0.67822327 |
| 21  |           | 430 | 9.03599622 | 0.788178   |
| 21  |           | 430 | 9.03599622 | 0.788178   |
| 21  |           | 430 | 9.05299213 | 0.24060462 |
| 21  |           | 430 | 9.05299213 | 0.24060462 |
| 21  |           | 430 | 9.13394654 | 0.65587739 |
| 21  |           | 430 | 9.13394654 | 0.65587739 |
| 21  |           | 430 | 9.1585165  | 0.46463354 |
| 21  |           | 430 | 9.1585165  | 0.46463354 |
| 21  |           | 430 | 9.21166357 | 0.48837728 |
| 21  |           | 430 | 9.21166357 | 0.48837728 |
| 21  |           | 430 | 9.30726903 | 0.29790785 |
| 21  |           | 430 | 9.30726903 | 0.29790785 |
| 21  |           | 430 | 9.32281485 | 0.47494475 |
| 21  |           | 430 | 9.32281485 | 0.47494475 |
| 21  |           | 430 | 9.36180404 | 0.78245468 |
| 21  |           | 430 | 9.36180404 | 0.78245468 |
| 21  |           | 430 | 9.47927987 | 0.31473197 |
| 21  |           | 430 | 9.47927987 | 0.31473197 |
| 21  |           | 430 | 9.54332865 | 0.72662024 |
| 21  |           | 430 | 9.54332865 | 0.72662024 |
| 21  |           | 430 | 9.54383096 | 0.40319451 |
| 21  |           | 430 | 9.54383096 | 0.40319451 |
| 21  |           | 430 | 9.87334589 | 0.60290016 |
| 21  |           | 430 | 9.87334589 | 0.60290016 |
| 21  |           | 430 | 9.96878467 | 0.73365156 |
| 21  |           | 430 | 9.96878467 | 0.73365156 |
| 60  | VGt-531   | 430 | 8.4        | 0.4        |
| 60  | VGt-531   | 430 | 8.4        | 0.4        |
| 75  | 64        | 430 | 8.1        | 0.35       |
| 10  | 2641-61   | 431 | 6.8        | 0.3        |
| 10  | 2641-61   | 431 | 6.8        | 0.3        |
| 10  | 1746-08   | 431 | 8.2        | 0.8        |
| 10  | 1746-08   | 431 | 8.2        | 0.8        |
| 56  | SAZ-0     | 431 | 8.61       |            |
| 56  | SAZ-0     | 431 | 8.61       |            |
| 119 | 7.1       | 431 | 7          | 0.3004     |
| 19  | 08LL07 32 | 433 | 5.66       | 0.28       |
| 19  | 08LL07 32 | 433 | 5.66       | 0.28       |
| 75  | 20        | 433 | 5.56       | 0.4        |
| 121 | 4         | 433 | 9.21       | 0.16       |
| 37  | 07SC49@86 | 435 | 5.46       | 0.52       |
| 37  | 07SC49@86 | 435 | 5.46       | 0.52       |
| 75  | 5         | 436 | 8.04       | 0.39       |

|              |      |        |       |      |
|--------------|------|--------|-------|------|
| 115          | 27.1 | 436.94 | 8.1   |      |
| 19 08LL07 4  |      | 437    | 3.61  | 0.28 |
| 19 08LL07 4  |      | 437    | 3.61  | 0.28 |
| 37 07SC49@67 |      | 437    | 7.75  | 0.36 |
| 37 07SC49@67 |      | 437    | 7.75  | 0.36 |
| 75           | 21   | 438    | 11.34 | 0.34 |
| 105 10GD23?1 |      | 438    | 8.24  |      |
| 37 07SC49@45 |      | 439    | 5.47  | 0.31 |
| 37 07SC49@45 |      | 439    | 5.47  | 0.31 |
| 37 07SC49@34 |      | 439    | 5.67  | 0.27 |
| 37 07SC49@34 |      | 439    | 5.67  | 0.27 |
| 37 07SC49@09 |      | 439    | 7.06  | 0.35 |
| 37 07SC49@09 |      | 439    | 7.06  | 0.35 |
| 37 07SC49@47 |      | 440    | 6.58  | 0.31 |
| 37 07SC49@47 |      | 440    | 6.58  | 0.31 |
| 60 sey-70    |      | 440    | 7.3   | 0.6  |
| 60 sey-70    |      | 440    | 7.3   | 0.6  |
| 19 08LL05 48 |      | 441    | 6.27  | 0.3  |
| 19 08LL05 48 |      | 441    | 6.27  | 0.3  |
| 37 07SC65@87 |      | 441    | 7.82  | 0.26 |
| 37 07SC65@87 |      | 441    | 7.82  | 0.26 |
| 121 14       | 441  | 9.05   | 0.25  |      |
| 20 BB6. 10   |      | 442    | 7     | 0.3  |
| 20 BB6. 10   |      | 442    | 7     | 0.3  |
| 20 BB6. 10   |      | 442    | 7     | 0.3  |
| 20 KK1. 4    |      | 442    | 8.8   | 0.5  |
| 20 KK1. 4    |      | 442    | 8.8   | 0.5  |
| 20 KK1. 4    |      | 442    | 8.8   | 0.5  |
| 37 07SC49@78 |      | 442    | 6.72  | 0.48 |
| 37 07SC49@78 |      | 442    | 6.72  | 0.48 |
| 37 07SC49@25 |      | 443    | 5.95  | 0.29 |
| 37 07SC49@25 |      | 443    | 5.95  | 0.29 |
| 37 07SC49@61 |      | 443    | 6.76  | 0.31 |
| 37 07SC49@61 |      | 443    | 6.76  | 0.31 |
| 75           | 49   | 443    | 7.36  | 0.49 |
| 75           | 60   | 443    | 11.46 | 0.36 |
| 20 BB6. 18   |      | 444    | 7.5   | 0.5  |
| 20 BB6. 18   |      | 444    | 7.5   | 0.5  |
| 20 BB6. 18   |      | 444    | 7.5   | 0.5  |
| 60 sey-21    |      | 444    | 5.1   | 0.6  |
| 60 sey-21    |      | 444    | 5.1   | 0.6  |
| 75           | 36.1 | 444    | 9.65  | 0.27 |
| 115          | 15.1 | 444.75 | 8.9   |      |
| 19 08LL04 48 |      | 445    | 1.6   | 0.5  |
| 19 08LL04 48 |      | 445    | 1.6   | 0.5  |



|                  |            |            |            |        |
|------------------|------------|------------|------------|--------|
| 37 07SC49@04     |            | 446        | 5.63       | 0.38   |
| 37 07SC49@04     |            | 446        | 5.63       | 0.38   |
| 37 07SC49@51     |            | 446        | 6.24       | 0.45   |
| 37 07SC49@51     |            | 446        | 6.24       | 0.45   |
| 121 7            | 446        | 9.49       | 0.18       |        |
| 37 07SC49@48     |            | 447        | 5.59       | 0.4    |
| 37 07SC49@48     |            | 447        | 5.59       | 0.4    |
| 62 FS07-9        |            | 447        | 7.92       | 0.32   |
| 62 FS07-9        |            | 447        | 7.92       | 0.32   |
| 37 07SC49@73     |            | 448        | 6.59       | 0.42   |
| 37 07SC49@73     |            | 448        | 6.59       | 0.42   |
| 56 AB-27         |            | 448        | 8.44       |        |
| 56 AB-27         |            | 448        | 8.44       |        |
| 20 KK1.23        |            | 449        | 7.4        | 0.3    |
| 20 KK1.23        |            | 449        | 7.4        | 0.3    |
| 20 KK1.23        |            | 449        | 7.4        | 0.3    |
| 37 07SC49@29     |            | 449        | 6.98       | 0.28   |
| 37 07SC49@29     |            | 449        | 6.98       | 0.28   |
| 20 BB1.8         |            | 450        | 8.1        | 0.7    |
| 20 BB1.8         |            | 450        | 8.1        | 0.7    |
| 20 BB1.8         |            | 450        | 8.1        | 0.7    |
| 60 sey-69        |            | 450        | 9.7        | 0.6    |
| 60 sey-69        |            | 450        | 9.7        | 0.6    |
| 107 IT/12_6      |            | 450        | 6.18       | 0.19   |
| 60 VGt-441       |            | 451        | 4.8        | 0.4    |
| 60 VGt-441       |            | 451        | 4.8        | 0.4    |
| 75               | 51         | 451        | 7.43       | 0.36   |
| 107 IT/12_9      |            | 451        | 5.94       | 0.13   |
| 121 16           | 451        | 9.17       | 0.25       |        |
| 18 ZMB2-anu-zrn- | 451.106128 | 6.57347803 | 0.59632365 |        |
| 18 ZMB2-anu-zrn- | 451.106128 | 6.57347803 | 0.59632365 |        |
| 60 sey-54        |            | 452        | 7.3        | 0.6    |
| 60 sey-54        |            | 452        | 7.3        | 0.6    |
| 75               | 2.1        | 452        | 7.16       | 0.3    |
| 60 sey-05        |            | 454        | 7          | 0.6    |
| 60 sey-05        |            | 454        | 7          | 0.6    |
| 107 IT/12_11     |            | 454        | 6.16       | 0.2    |
| 119              | 18.1       | 454        | 8          | 0.2943 |
| 75               | 37.1       | 455        | 11.25      | 0.34   |
| 20 KK1.6         |            | 456        | 5.8        | 0.4    |
| 20 KK1.6         |            | 456        | 5.8        | 0.4    |
| 20 KK1.6         |            | 456        | 5.8        | 0.4    |
| 107 IT/12_7      |            | 456        | 6.2        | 0.23   |
| 19 08LL06 9      |            | 457        | 4.69       | 0.26   |
| 19 08LL06 9      |            | 457        | 4.69       | 0.26   |

|           |       |     |             |             |
|-----------|-------|-----|-------------|-------------|
| 21        |       | 457 | 4. 66090353 | 0. 27237284 |
| 21        |       | 457 | 4. 66090353 | 0. 27237284 |
| 21        |       | 457 | 4. 89173268 | 0. 36686367 |
| 21        |       | 457 | 4. 89173268 | 0. 36686367 |
| 21        |       | 457 | 4. 98504321 | 0. 2733633  |
| 21        |       | 457 | 4. 98504321 | 0. 2733633  |
| 21        |       | 457 | 4. 99253873 | 0. 29499688 |
| 21        |       | 457 | 4. 99253873 | 0. 29499688 |
| 21        |       | 457 | 4. 99953454 | 0. 28270762 |
| 21        |       | 457 | 4. 99953454 | 0. 28270762 |
| 21        |       | 457 | 5. 03412728 | 0. 30088853 |
| 21        |       | 457 | 5. 03412728 | 0. 30088853 |
| 21        |       | 457 | 5. 0641051  | 0. 28320422 |
| 21        |       | 457 | 5. 0641051  | 0. 28320422 |
| 21        |       | 457 | 5. 06899297 | 0. 22995445 |
| 21        |       | 457 | 5. 06899297 | 0. 22995445 |
| 21        |       | 457 | 5. 09097981 | 0. 2811412  |
| 21        |       | 457 | 5. 09097981 | 0. 2811412  |
| 21        |       | 457 | 5. 1485426  | 0. 26668654 |
| 21        |       | 457 | 5. 1485426  | 0. 26668654 |
| 21        |       | 457 | 5. 20990864 | 0. 42887079 |
| 21        |       | 457 | 5. 20990864 | 0. 42887079 |
| 21        |       | 457 | 5. 21998972 | 0. 38105294 |
| 21        |       | 457 | 5. 21998972 | 0. 38105294 |
| 21        |       | 457 | 5. 26987275 | 0. 2344501  |
| 21        |       | 457 | 5. 26987275 | 0. 2344501  |
| 21        |       | 457 | 5. 27944571 | 0. 23003958 |
| 21        |       | 457 | 5. 27944571 | 0. 23003958 |
| 21        |       | 457 | 5. 39885733 | 0. 21703646 |
| 21        |       | 457 | 5. 39885733 | 0. 21703646 |
| 21        |       | 457 | 5. 45276329 | 0. 32496115 |
| 21        |       | 457 | 5. 45276329 | 0. 32496115 |
| 21        |       | 457 | 5. 45326299 | 0. 24529822 |
| 21        |       | 457 | 5. 45326299 | 0. 24529822 |
| 21        |       | 457 | 5. 558739   | 0. 24439824 |
| 21        |       | 457 | 5. 558739   | 0. 24439824 |
| 21        |       | 457 | 5. 58621866 | 0. 25965002 |
| 21        |       | 457 | 5. 58621866 | 0. 25965002 |
| 21        |       | 457 | 5. 89150072 | 0. 22881297 |
| 21        |       | 457 | 5. 89150072 | 0. 22881297 |
| 60 sey-71 |       | 457 | 11          | 0. 6        |
| 60 sey-71 |       | 457 | 11          | 0. 6        |
| 75        | 62    | 457 | 7. 12       | 0. 35       |
| 75        | 48. 1 | 457 | 8. 72       | 0. 28       |
| 75        | 65. 1 | 457 | 11. 35      | 0. 39       |

|                  |            |            |            |            |
|------------------|------------|------------|------------|------------|
| 10 2436-74       |            | 458        | 7.9        | 0.4        |
| 10 2436-74       |            | 458        | 7.9        | 0.4        |
| 75               | 2          | 459        | 6.69       | 0.28       |
| 75               | 59.1       | 459        | 8.62       | 0.35       |
| 107 IT/18_16     |            | 459        | 6.39       | 0.18       |
| 107 IT/17_3      |            | 459        | 6.84       | 0.23       |
| 20 BB3. 3. 14    |            | 460        | 9          | 0.5        |
| 20 BB3. 3. 14    |            | 460        | 9          | 0.5        |
| 20 BB3. 3. 14    |            | 460        | 9          | 0.5        |
| 75               | 39         | 460        | 7.3        | 0.28       |
| 75               | 49.1       | 460        | 8.16       | 0.36       |
| 107 IT/12_2      |            | 460        | 6.65       | 0.23       |
| 75               | 53         | 461        | 7.32       | 0.38       |
| 119              | 25.1       | 461        | 9          | 0.2927     |
| 37 07SC51-1@51   |            | 462        | 6.64       | 0.25       |
| 37 07SC51-1@51   |            | 462        | 6.64       | 0.25       |
| 75               | 65         | 462        | 9.37       | 0.38       |
| 75               | 45         | 462        | 11.83      | 0.35       |
| 107 IT/12_8      |            | 462        | 6.38       | 0.23       |
| 5 RNZ20          |            | 463        | 7.51       |            |
| 5 RNZ20          |            | 463        | 7.51       |            |
| 107 IT/12_5      |            | 463        | 6.08       | 0.19       |
| 119              | 38.1       | 463        | 8          | 0.5922     |
| 18 ZMB2-anu-zrn- | 463.756006 | 463.756006 | 7.64870654 | 0.55603199 |
| 18 ZMB2-anu-zrn- | 463.756006 | 463.756006 | 7.64870654 | 0.55603199 |
| 10 1774-62       |            | 464        | 7.7        | 0.7        |
| 10 1774-62       |            | 464        | 7.7        | 0.7        |
| 10 2606-21       |            | 464        | 8.4        | 0.4        |
| 10 2606-21       |            | 464        | 8.4        | 0.4        |
| 37 07SC65@54     |            | 464        | 7.76       | 0.43       |
| 37 07SC65@54     |            | 464        | 7.76       | 0.43       |
| 75               | 46         | 464        | 7.64       | 0.4        |
| 75               | 41.1       | 464        | 10.63      | 0.29       |
| 75               | 12.1       | 464        | 10.73      | 0.31       |
| 37 07SC49@72     |            | 465        | 5.25       | 0.33       |
| 37 07SC49@72     |            | 465        | 5.25       | 0.33       |
| 75               | 28.1       | 465        | 8.22       | 0.32       |
| 75               | 1          | 465        | 9.1        | 0.29       |
| 107 IT/12_10     |            | 465        | 5.93       | 0.2        |
| 107 IT/18_13     |            | 465        | 6.69       | 0.2        |
| 115              | 3.2        | 465.11     | 8.9        |            |
| 59 M0-1202       |            | 466        | 5.7        | 0.1        |
| 59 M0-1202       |            | 466        | 5.7        | 0.1        |
| 107 IT/18_15     |            | 466        | 6.36       | 0.09       |
| 119              | 12.1       | 466        | 5          | 0.4285     |

|     |            |        |       |        |
|-----|------------|--------|-------|--------|
| 121 | 10         | 466    | 9.96  | 0.16   |
| 10  | 2606-14    | 467    | 8     | 0.4    |
| 10  | 2606-14    | 467    | 8     | 0.4    |
| 75  | 49         | 467    | 8.54  | 0.4    |
| 10  | 1746-17    | 468    | 7.5   | 0.6    |
| 10  | 1746-17    | 468    | 7.5   | 0.6    |
| 37  | 07SC49@76  | 468    | 5.23  | 0.27   |
| 37  | 07SC49@76  | 468    | 5.23  | 0.27   |
| 75  | 64         | 468    | 7.41  | 0.39   |
| 37  | 07SC65@69  | 469    | 5.14  | 0.21   |
| 37  | 07SC65@69  | 469    | 5.14  | 0.21   |
| 75  | 48         | 469    | 6.35  | 0.35   |
| 75  | 34         | 469    | 8.1   | 0.28   |
| 75  | 44.1       | 469    | 8.96  | 0.32   |
| 107 | IT/12_13   | 469    | 6.24  | 0.15   |
| 20  | BB3. 3. 12 | 470    | 8.6   | 0.4    |
| 20  | BB3. 3. 12 | 470    | 8.6   | 0.4    |
| 20  | BB3. 3. 12 | 470    | 8.6   | 0.4    |
| 37  | 07SC65@33  | 470    | 6.01  | 0.43   |
| 37  | 07SC65@33  | 470    | 6.01  | 0.43   |
| 75  | 63         | 470    | 9.29  | 0.37   |
| 75  | 26         | 470    | 9.43  | 0.4    |
| 75  | 39         | 470    | 9.81  | 0.35   |
| 10  | 2641-17    | 471    | 10.9  | 1.4    |
| 10  | 2641-17    | 471    | 10.9  | 1.4    |
| 75  | 6          | 471    | 6.93  | 0.4    |
| 75  | 14         | 471    | 7.15  | 0.29   |
| 75  | 39.1       | 471    | 10.96 | 0.35   |
| 115 | 7.2        | 471.01 | 8.3   |        |
| 75  | 21         | 472    | 8.81  | 0.28   |
| 75  | 43.1       | 472    | 11.2  | 0.36   |
| 10  | 2641-48    | 473    | 9.3   | 0.4    |
| 10  | 2641-48    | 473    | 9.3   | 0.4    |
| 20  | KK1. 3a    | 473    | 9.4   | 0.4    |
| 20  | KK1. 3a    | 473    | 9.4   | 0.4    |
| 20  | KK1. 3a    | 473    | 9.4   | 0.4    |
| 20  | KK1. 3b    | 473    | 10.5  | 0.4    |
| 20  | KK1. 3b    | 473    | 10.5  | 0.4    |
| 20  | KK1. 3b    | 473    | 10.5  | 0.4    |
| 37  | 07SC49@19  | 473    | 5.5   | 0.43   |
| 37  | 07SC49@19  | 473    | 5.5   | 0.43   |
| 75  | 9          | 473    | 7.86  | 0.28   |
| 119 | 17.1       | 473    | 10    | 0.3012 |
| 10  | 2606-39    | 474    | 5.3   | 0.4    |
| 10  | 2606-39    | 474    | 5.3   | 0.4    |

|                  |            |            |            |        |
|------------------|------------|------------|------------|--------|
| 75               | 70.1       | 474        | 7.28       | 0.36   |
| 75               | 18         | 474        | 9.79       | 0.31   |
| 107 IT/18_2      |            | 474        | 6.9        | 0.13   |
| 120 EW-1-3*      |            | 474        | 5.13       | 0.37   |
| 10 2436-32       |            | 475        | 6.9        | 0.4    |
| 10 2436-32       |            | 475        | 6.9        | 0.4    |
| 10 2641-56       |            | 475        | 8.7        | 0.3    |
| 10 2641-56       |            | 475        | 8.7        | 0.3    |
| 10 2641-35       |            | 475        | 9.1        | 0.6    |
| 10 2641-35       |            | 475        | 9.1        | 0.6    |
| 75               | 1          | 475        | 8.23       | 0.34   |
| 107 IT/18_20     |            | 475        | 6.43       | 0.26   |
| 10 2641-18       |            | 476        | 10         | 0.4    |
| 10 2641-18       |            | 476        | 10         | 0.4    |
| 10 2641-03       |            | 477        | 6.8        | 0.5    |
| 10 2641-03       |            | 477        | 6.8        | 0.5    |
| 10 1774-12       |            | 477        | 8          | 0.5    |
| 10 1774-12       |            | 477        | 8          | 0.5    |
| 75               | 7          | 477        | 8.13       | 0.27   |
| 107 IT/18_23     |            | 477        | 6.45       | 0.2    |
| 37 07SC49@92     |            | 479        | 4.97       | 0.41   |
| 37 07SC49@92     |            | 479        | 4.97       | 0.41   |
| 121 9            | 479        | 8.59       | 0.29       |        |
| 10 2641-47       |            | 480        | 8.7        | 0.3    |
| 10 2641-47       |            | 480        | 8.7        | 0.3    |
| 19 08LL07 50     |            | 480        | 6.6        | 0.51   |
| 19 08LL07 50     |            | 480        | 6.6        | 0.51   |
| 26 95BR-157      |            | 480        | 4.94       |        |
| 26 95BR-157      |            | 480        | 4.94       |        |
| 75               | 30         | 480        | 7.05       | 0.39   |
| 107 IT/18_14     |            | 480        | 6.33       | 0.14   |
| 119              | 31.1       | 480        | 8          | 0.5019 |
| 120 EW-1-4*      |            | 480        | 3.18       | 0.37   |
| 20 BB6. 1a       |            | 481        | 7.1        | 0.5    |
| 20 BB6. 1a       |            | 481        | 7.1        | 0.5    |
| 20 BB6. 1a       |            | 481        | 7.1        | 0.5    |
| 75               | 40         | 481        | 7.7        | 0.4    |
| 107 IT/17_13     |            | 481        | 7          | 0.19   |
| 119              | 51.1       | 481        | 11.2068    | 0.2996 |
| 18 ZMB2-anu-zrn- | 481.082451 | 12.8157515 | 0.55185071 |        |
| 18 ZMB2-anu-zrn- | 481.082451 | 12.8157515 | 0.55185071 |        |
| 10 2641-01       |            | 482        | 6.6        | 0.5    |
| 10 2641-01       |            | 482        | 6.6        | 0.5    |
| 10 1774-100      |            | 482        | 9.6        | 0.5    |
| 10 1774-100      |            | 482        | 9.6        | 0.5    |

|                  |            |     |            |            |
|------------------|------------|-----|------------|------------|
| 10 2436-45a      |            | 482 | 11.4       | 0.3        |
| 10 2436-45a      |            | 482 | 11.4       | 0.3        |
| 60 sey-01        |            | 482 | 5          | 0.6        |
| 60 sey-01        |            | 482 | 5          | 0.6        |
| 75               | 9          | 482 | 6.9        | 0.35       |
| 107 IT/18_19     |            | 482 | 6.48       | 0.17       |
| 59 M0-1074       |            | 483 | 4.3        | 0.4        |
| 59 M0-1074       |            | 483 | 4.3        | 0.4        |
| 60 sey-03        |            | 483 | 6.8        | 0.6        |
| 60 sey-03        |            | 483 | 6.8        | 0.6        |
| 106 10GD48-23    |            | 483 | 9.23       | 0.24       |
| 107 IT/12_12     |            | 483 | 6.08       | 0.2        |
| 107 IT/17_6      |            | 483 | 6.58       | 0.21       |
| 107 IT/17_5      |            | 483 | 6.62       | 0.17       |
| 107 IT/18_12     |            | 483 | 6.87       | 0.17       |
| 18 ZMB2-anu-zrn- | 483.189729 |     | 5.8022294  | 0.59351706 |
| 18 ZMB2-anu-zrn- | 483.189729 |     | 5.8022294  | 0.59351706 |
| 107 IT/12_14     |            | 484 | 6          | 0.15       |
| 107 IT/18_18     |            | 484 | 6.31       | 0.18       |
| 119              | 60.1       | 484 | 10.35      | 0.4044     |
| 75               | 13.1       | 485 | 11.57      | 0.34       |
| 107 IT/17_24     |            | 485 | 6.36       | 0.23       |
| 107 IT/18_24     |            | 485 | 6.39       | 0.25       |
| 107 IT/17_4      |            | 485 | 6.68       | 0.18       |
| 119              | 39.1       | 485 | 9.0153     | 0.5289     |
| 75               | 26.1       | 486 | 11.53      | 0.36       |
| 18 ORG2-anu-zrn- | 486.115286 |     | 5.49201651 | 0.56435216 |
| 18 ORG2-anu-zrn- | 486.115286 |     | 5.49201651 | 0.56435216 |
| 18 ZMB2-anu-zrn- | 486.445911 |     | 6.48820812 | 0.59897478 |
| 18 ZMB2-anu-zrn- | 486.445911 |     | 6.48820812 | 0.59897478 |
| 107 IT/18_17     |            | 487 | 6.02       | 0.19       |
| 107 IT/17_1      |            | 487 | 7.02       | 0.24       |
| 107 IT/17_18     |            | 487 | 7.07       | 0.25       |
| 10 1774-64       |            | 488 | 8.4        | 0.7        |
| 10 1774-64       |            | 488 | 8.4        | 0.7        |
| 10 1746-16       |            | 489 | 6          | 0.6        |
| 10 1746-16       |            | 489 | 6          | 0.6        |
| 10 2436-29a      |            | 489 | 7          | 0.6        |
| 10 2436-29a      |            | 489 | 7          | 0.6        |
| 10 2436-01       |            | 489 | 8.2        | 0.4        |
| 10 2436-01       |            | 489 | 8.2        | 0.4        |
| 60 sey-15        |            | 489 | 4.4        | 0.6        |
| 60 sey-15        |            | 489 | 4.4        | 0.6        |
| 107 IT/18_22     |            | 489 | 5.89       | 0.19       |
| 107 IT/18_11     |            | 489 | 6.36       | 0.19       |

|                  |             |             |             |         |
|------------------|-------------|-------------|-------------|---------|
| 18 CNG2-anu-zrn- | 489. 584658 | 6. 7274675  | 0. 59108642 |         |
| 18 CNG2-anu-zrn- | 489. 584658 | 6. 7274675  | 0. 59108642 |         |
| 18 ZMB2-anu-zrn- | 489. 711682 | 7. 16984912 | 0. 5949874  |         |
| 18 ZMB2-anu-zrn- | 489. 711682 | 7. 16984912 | 0. 5949874  |         |
| 20 CM1. 16       | 490         | 5. 6        | 0. 4        |         |
| 20 CM1. 16       | 490         | 5. 6        | 0. 4        |         |
| 20 CM1. 16       | 490         | 5. 6        | 0. 4        |         |
| 107 IT/17_2      | 490         | 7. 03       | 0. 22       |         |
| 18 ZMB2-anu-zrn- | 490. 873693 | 7. 93057611 | 0. 59523899 |         |
| 18 ZMB2-anu-zrn- | 490. 873693 | 7. 93057611 | 0. 59523899 |         |
| 20 BB6. 20       | 491         | 8. 2        | 0. 3        |         |
| 20 BB6. 20       | 491         | 8. 2        | 0. 3        |         |
| 20 BB6. 20       | 491         | 8. 2        | 0. 3        |         |
| 107 IT/18_21     | 491         | 6. 35       | 0. 24       |         |
| 107 IT/17_16     | 491         | 7. 1        | 0. 28       |         |
| 10 1746-37       | 492         | 8. 9        | 0. 4        |         |
| 10 1746-37       | 492         | 8. 9        | 0. 4        |         |
| 20 CM1. 20       | 492         | 7. 5        | 0. 4        |         |
| 20 CM1. 20       | 492         | 7. 5        | 0. 4        |         |
| 20 CM1. 20       | 492         | 7. 5        | 0. 4        |         |
| 75               | 36          | 492         | 9. 77       | 0. 4    |
| 107 IT/17_19     | 492         | 6. 97       | 0. 19       |         |
| 18 CNG2-anu-zrn- | 492. 767267 | 7. 93973227 | 0. 57919688 |         |
| 18 CNG2-anu-zrn- | 492. 767267 | 7. 93973227 | 0. 57919688 |         |
| 10 1774-37       | 493         | 8. 4        | 0. 5        |         |
| 10 1774-37       | 493         | 8. 4        | 0. 5        |         |
| 10 2436-20       | 493         | 10. 7       | 0. 6        |         |
| 10 2436-20       | 493         | 10. 7       | 0. 6        |         |
| 119              | 29. 1       | 493         | 8. 1176     | 0. 4925 |
| 18 ZMB2-anu-zrn- | 493. 568473 | 6. 72176983 | 0. 6132756  |         |
| 18 ZMB2-anu-zrn- | 493. 568473 | 6. 72176983 | 0. 6132756  |         |
| 75               | 4. 1        | 494         | 9. 87       | 0. 39   |
| 18 ORG2-anu-zrn- | 494. 170982 | 7. 8285048  | 0. 55370674 |         |
| 18 ORG2-anu-zrn- | 494. 170982 | 7. 8285048  | 0. 55370674 |         |
| 20 HV1. 18       | 495         | 8. 3        | 0. 6        |         |
| 20 HV1. 18       | 495         | 8. 3        | 0. 6        |         |
| 20 HV1. 18       | 495         | 8. 3        | 0. 6        |         |
| 20 BB6. 21       | 495         | 9. 6        | 0. 4        |         |
| 20 BB6. 21       | 495         | 9. 6        | 0. 4        |         |
| 20 BB6. 21       | 495         | 9. 6        | 0. 4        |         |
| 75               | 51          | 495         | 7. 6        | 0. 47   |
| 75               | 4           | 495         | 9. 18       | 0. 28   |
| 106 10GD48-103   | 495         | 7. 92       | 0. 26       |         |
| 10 2436-29b      | 496         | 6. 1        | 0. 6        |         |
| 10 2436-29b      | 496         | 6. 1        | 0. 6        |         |

|                  |            |            |            |        |
|------------------|------------|------------|------------|--------|
| 107 IT/18_3      |            | 496        | 6.7        | 0.14   |
| 119              | 4.1        | 496        | 9          | 0.3001 |
| 10 1746-51       |            | 497        | 6.5        | 0.5    |
| 10 1746-51       |            | 497        | 6.5        | 0.5    |
| 107 IT/17_11     |            | 498        | 6.78       | 0.31   |
| 107 IT/5_20      |            | 498        | 6.93       | 0.27   |
| 18 ORG2-anu-zrn- | 498.348131 | 10.6532495 | 0.55660469 |        |
| 18 ORG2-anu-zrn- | 498.348131 | 10.6532495 | 0.55660469 |        |
| 10 1774-86       |            | 500        | 5.1        | 0.5    |
| 10 1774-86       |            | 500        | 5.1        | 0.5    |
| 20 CM1. L8. 1    |            | 500        | 6.7        | 0.4    |
| 20 CM1. L8. 1    |            | 500        | 6.7        | 0.4    |
| 20 CM1. L8. 1    |            | 500        | 6.7        | 0.4    |
| 56 GCZ-1         |            | 500        | 8.59       |        |
| 56 GCZ-1         |            | 500        | 8.59       |        |
| 106 10GD49-4     |            | 500        | 5.88       | 0.34   |
| 107 IT/18_8      |            | 500        | 6.71       | 0.2    |
| 107 IT/17_14     |            | 500        | 6.76       | 0.23   |
| 107 IT/17_12     |            | 500        | 7.09       | 0.17   |
| 20 CM1. 13       |            | 501        | 9.6        | 0.7    |
| 20 CM1. 13       |            | 501        | 9.6        | 0.7    |
| 20 CM1. 13       |            | 501        | 9.6        | 0.7    |
| 59 MO-1203       |            | 501        | 6.8        | 0.2    |
| 59 MO-1203       |            | 501        | 6.8        | 0.2    |
| 18 ZMB2-anu-zrn- | 501.034164 | 5.02276114 | 0.5945009  |        |
| 18 ZMB2-anu-zrn- | 501.034164 | 5.02276114 | 0.5945009  |        |
| 10 1774-51       |            | 503        | 9.7        | 0.5    |
| 10 1774-51       |            | 503        | 9.7        | 0.5    |
| 10 2436-62       |            | 503        | 12.3       | 0.4    |
| 10 2436-62       |            | 503        | 12.3       | 0.4    |
| 75               | 17         | 503        | 7.35       | 0.35   |
| 107 IT/17_10     |            | 503        | 6.49       | 0.26   |
| 20 BB3. 3. 1     |            | 504        | 9.8        | 0.4    |
| 20 BB3. 3. 1     |            | 504        | 9.8        | 0.4    |
| 20 BB3. 3. 1     |            | 504        | 9.8        | 0.4    |
| 75               | 12.1       | 504        | 8.47       | 0.33   |
| 107 IT/17_22     |            | 504        | 6.59       | 0.19   |
| 107 IT/17_15     |            | 504        | 6.88       | 0.13   |
| 119              | 29.1       | 504        | 7          | 0.3199 |
| 119              | 29.1       | 504        | 7          | 0.3211 |
| 119              | 1.1        | 504        | 7.8648     | 0.5057 |
| 119              | 29.2       | 504        | 8          | 0.4111 |
| 119              | 61.1       | 504        | 8.4488     | 0.5114 |
| 18 ORG2-anu-zrn- | 504.740468 | 6.27125764 | 0.56819572 |        |
| 18 ORG2-anu-zrn- | 504.740468 | 6.27125764 | 0.56819572 |        |



|     |               |             |             |             |
|-----|---------------|-------------|-------------|-------------|
| 20  | BB3. 3. 25    | 506         | 9. 4        | 0. 6        |
| 20  | BB3. 3. 25    | 506         | 9. 4        | 0. 6        |
| 20  | BB3. 3. 25    | 506         | 9. 4        | 0. 6        |
| 75  | 45. 1         | 506         | 10. 53      | 0. 37       |
| 119 | 3. 1          | 506         | 7           | 0. 3309     |
| 18  | CNG2-anu-zrn- | 506. 572342 | 11. 580566  | 0. 55444806 |
| 18  | CNG2-anu-zrn- | 506. 572342 | 11. 580566  | 0. 55444806 |
| 10  | 1774-56       | 507         | 7. 2        | 0. 7        |
| 10  | 1774-56       | 507         | 7. 2        | 0. 7        |
| 10  | 2346-38       | 507         | 7. 5        | 0. 4        |
| 10  | 2346-38       | 507         | 7. 5        | 0. 4        |
| 10  | 2436-25       | 507         | 10. 9       | 0. 5        |
| 10  | 2436-25       | 507         | 10. 9       | 0. 5        |
| 75  | 11. 1         | 508         | 9. 95       | 0. 41       |
| 119 | 5. 1          | 508         | 9           | 0. 3766     |
| 10  | 2641-43       | 509         | 7. 8        | 0. 6        |
| 10  | 2641-43       | 509         | 7. 8        | 0. 6        |
| 10  | 2436-41       | 509         | 8. 8        | 0. 4        |
| 10  | 2436-41       | 509         | 8. 8        | 0. 4        |
| 20  | BB1. 5        | 509         | 7. 9        | 0. 2        |
| 20  | BB1. 5        | 509         | 7. 9        | 0. 2        |
| 20  | BB1. 5        | 509         | 7. 9        | 0. 2        |
| 119 | 11. 1         | 509         | 9           | 0. 5061     |
| 18  | ORG2-anu-zrn- | 509. 982435 | 7. 68649979 | 0. 55189227 |
| 18  | ORG2-anu-zrn- | 509. 982435 | 7. 68649979 | 0. 55189227 |
| 21  |               | 510         | 6. 83887569 | 0. 22869549 |
| 21  |               | 510         | 6. 83887569 | 0. 22869549 |
| 21  |               | 510         | 6. 8628081  | 0. 25455878 |
| 21  |               | 510         | 6. 8628081  | 0. 25455878 |
| 21  |               | 510         | 6. 88474614 | 0. 38856155 |
| 21  |               | 510         | 6. 88474614 | 0. 38856155 |
| 21  |               | 510         | 6. 88923347 | 0. 38657612 |
| 21  |               | 510         | 6. 88923347 | 0. 38657612 |
| 21  |               | 510         | 7. 0093941  | 0. 20911885 |
| 21  |               | 510         | 7. 0093941  | 0. 20911885 |
| 21  |               | 510         | 7. 16445615 | 0. 24821027 |
| 21  |               | 510         | 7. 16445615 | 0. 24821027 |
| 21  |               | 510         | 7. 16744771 | 0. 27892656 |
| 21  |               | 510         | 7. 16744771 | 0. 27892656 |
| 21  |               | 510         | 7. 21531252 | 0. 30001642 |
| 21  |               | 510         | 7. 21531252 | 0. 30001642 |
| 21  |               | 510         | 7. 22628154 | 0. 25129313 |
| 21  |               | 510         | 7. 22628154 | 0. 25129313 |
| 21  |               | 510         | 7. 36239711 | 0. 18566897 |
| 21  |               | 510         | 7. 36239711 | 0. 18566897 |

|     |               |            |            |            |
|-----|---------------|------------|------------|------------|
| 21  |               | 510        | 7.37386472 | 0.3497742  |
| 21  |               | 510        | 7.37386472 | 0.3497742  |
| 21  |               | 510        | 7.37984782 | 0.3105777  |
| 21  |               | 510        | 7.37984782 | 0.3105777  |
| 21  |               | 510        | 7.39829572 | 0.35914717 |
| 21  |               | 510        | 7.39829572 | 0.35914717 |
| 21  |               | 510        | 7.39979149 | 0.24616977 |
| 21  |               | 510        | 7.39979149 | 0.24616977 |
| 21  |               | 510        | 7.54189016 | 0.29174944 |
| 21  |               | 510        | 7.54189016 | 0.29174944 |
| 21  |               | 510        | 7.97666223 | 0.30274765 |
| 21  |               | 510        | 7.97666223 | 0.30274765 |
| 21  |               | 510        | 8.10779188 | 0.27248151 |
| 21  |               | 510        | 8.10779188 | 0.27248151 |
| 56  | 32712 URPR 30 | 510        | 8.52       |            |
| 56  | 32712 URPR 30 | 510        | 8.52       |            |
| 107 | IT/17_25      | 510        | 6.6        | 0.23       |
| 107 | IT/17_27      | 510        | 6.63       | 0.17       |
| 107 | IT/17_9       | 510        | 6.79       | 0.2        |
| 119 | 10.1          | 510        | 7          | 0.5091     |
| 18  | ORG2-anu-zrn- | 510.472246 | 10.1091649 | 0.55335358 |
| 18  | ORG2-anu-zrn- | 510.472246 | 10.1091649 | 0.55335358 |
| 10  | 1774-28b      | 511        | 5.4        | 0.6        |
| 10  | 1774-28b      | 511        | 5.4        | 0.6        |
| 10  | 1774-69a      | 511        | 6.8        | 0.6        |
| 10  | 1774-69a      | 511        | 6.8        | 0.6        |
| 10  | 2436-46       | 511        | 8.4        | 0.3        |
| 10  | 2436-46       | 511        | 8.4        | 0.3        |
| 10  | 1774-46       | 511        | 10.8       | 0.6        |
| 10  | 1774-46       | 511        | 10.8       | 0.6        |
| 10  | 2606-43       | 512        | 5.8        | 0.4        |
| 10  | 2606-43       | 512        | 5.8        | 0.4        |
| 10  | 1746-24       | 512        | 6          | 0.6        |
| 10  | 1746-24       | 512        | 6          | 0.6        |
| 10  | 1774-95       | 512        | 8.6        | 0.5        |
| 10  | 1774-97       | 512        | 8.6        | 0.5        |
| 10  | 1774-95       | 512        | 8.6        | 0.5        |
| 10  | 1774-97       | 512        | 8.6        | 0.5        |
| 10  | 1774-18       | 512        | 8.8        | 0.6        |
| 10  | 1774-18       | 512        | 8.8        | 0.6        |
| 47  | PMOG-233_33-  | 512        | 9.2        | 0.3        |
| 47  | PMOG-233_33-  | 512        | 9.2        | 0.3        |
| 107 | IT/17_7       | 512        | 6.72       | 0.18       |
| 10  | 1774-69b      | 513        | 7          | 0.7        |
| 10  | 1774-69b      | 513        | 7          | 0.7        |

|                  |            |     |            |            |
|------------------|------------|-----|------------|------------|
| 107 IT/17_21     |            | 513 | 6.69       | 0.21       |
| 18 NIL-anu-zrn-l | 513.927768 |     | 8.48124204 | 0.54396885 |
| 18 NIL-anu-zrn-l | 513.927768 |     | 8.48124204 | 0.54396885 |
| 20 KK1.21a       |            | 514 | 7.3        | 0.6        |
| 20 KK1.21a       |            | 514 | 7.3        | 0.6        |
| 20 KK1.21a       |            | 514 | 7.3        | 0.6        |
| 20 KK1.21b       |            | 514 | 7.4        | 0.6        |
| 20 KK1.21b       |            | 514 | 7.4        | 0.6        |
| 20 KK1.21b       |            | 514 | 7.4        | 0.6        |
| 37 07SC65@76     |            | 514 | 6.79       | 0.19       |
| 37 07SC65@76     |            | 514 | 6.79       | 0.19       |
| 60 sey-52        |            | 514 | 6.5        | 0.6        |
| 60 sey-52        |            | 514 | 6.5        | 0.6        |
| 75               | 22.1       | 514 | 9.84       | 0.41       |
| 119              | 62.1       | 514 | 6          | 0.668      |
| 119              | 14.1       | 514 | 9          | 0.3056     |
| 18 ORG2-anu-zrn- | 514.064429 |     | 6.90565528 | 0.55917664 |
| 18 ORG2-anu-zrn- | 514.064429 |     | 6.90565528 | 0.55917664 |
| 18 CNG2-anu-zrn- | 514.147433 |     | 10.9713374 | 0.58268684 |
| 18 CNG2-anu-zrn- | 514.147433 |     | 10.9713374 | 0.58268684 |
| 18 ORG2-anu-zrn- | 514.941856 |     | 9.10157205 | 0.95291401 |
| 18 ORG2-anu-zrn- | 514.941856 |     | 9.10157205 | 0.95291401 |
| 21               |            | 515 | 5.79003885 | 0.36807248 |
| 21               |            | 515 | 5.79003885 | 0.36807248 |
| 21               |            | 515 | 5.80898276 | 0.25793723 |
| 21               |            | 515 | 5.80898276 | 0.25793723 |
| 21               |            | 515 | 6.07469603 | 0.17896351 |
| 21               |            | 515 | 6.07469603 | 0.17896351 |
| 21               |            | 515 | 6.11009124 | 0.32097057 |
| 21               |            | 515 | 6.11009124 | 0.32097057 |
| 21               |            | 515 | 6.13584598 | 0.26861582 |
| 21               |            | 515 | 6.13584598 | 0.26861582 |
| 21               |            | 515 | 6.19733293 | 0.22741921 |
| 21               |            | 515 | 6.19733293 | 0.22741921 |
| 21               |            | 515 | 6.26762481 | 0.39798753 |
| 21               |            | 515 | 6.26762481 | 0.39798753 |
| 21               |            | 515 | 6.36633255 | 0.31662848 |
| 21               |            | 515 | 6.36633255 | 0.31662848 |
| 21               |            | 515 | 6.40771004 | 0.22520194 |
| 21               |            | 515 | 6.40771004 | 0.22520194 |
| 21               |            | 515 | 6.41568642 | 0.22446028 |
| 21               |            | 515 | 6.41568642 | 0.22446028 |
| 21               |            | 515 | 6.45407277 | 0.27749145 |
| 21               |            | 515 | 6.45407277 | 0.27749145 |
| 21               |            | 515 | 6.57820524 | 0.38485184 |

|     |               |            |            |            |
|-----|---------------|------------|------------|------------|
| 21  |               | 515        | 6.57820524 | 0.38485184 |
| 21  |               | 515        | 6.58468605 | 0.20047569 |
| 21  |               | 515        | 6.58468605 | 0.20047569 |
| 21  |               | 515        | 6.66644398 | 0.29220736 |
| 21  |               | 515        | 6.66644398 | 0.29220736 |
| 21  |               | 515        | 6.67840855 | 0.2501172  |
| 21  |               | 515        | 6.67840855 | 0.2501172  |
| 21  |               | 515        | 6.71180966 | 0.28414967 |
| 21  |               | 515        | 6.71180966 | 0.28414967 |
| 21  |               | 515        | 6.76116353 | 0.37468286 |
| 21  |               | 515        | 6.76116353 | 0.37468286 |
| 21  |               | 515        | 6.95259673 | 0.29133412 |
| 21  |               | 515        | 6.95259673 | 0.29133412 |
| 21  |               | 515        | 7.16945465 | 0.19583965 |
| 21  |               | 515        | 7.16945465 | 0.19583965 |
| 21  |               | 515        | 7.20185871 | 0.23139431 |
| 21  |               | 515        | 7.20185871 | 0.23139431 |
| 75  | 59            | 515        | 5.95       | 0.4        |
| 75  | 34            | 515        | 10.88      | 0.34       |
| 10  | 2436-44       | 516        | 8.1        | 0.3        |
| 10  | 2436-44       | 516        | 8.1        | 0.3        |
| 10  | 2436-33       | 517        | 8.7        | 0.4        |
| 10  | 2436-33       | 517        | 8.7        | 0.4        |
| 10  | 1774-98       | 517        | 9.6        | 0.6        |
| 10  | 1774-98       | 517        | 9.6        | 0.6        |
| 60  | sey-11        | 517        | 5.6        | 0.6        |
| 60  | sey-11        | 517        | 5.6        | 0.6        |
| 107 | IT/18_5       | 517        | 6.66       | 0.15       |
| 119 | 49.1          | 517        | 9          | 0.3344     |
| 18  | CNG2-anu-zrn- | 517.860165 | 6.00022397 | 0.57704264 |
| 18  | CNG2-anu-zrn- | 517.860165 | 6.00022397 | 0.57704264 |
| 10  | 1746-32       | 518        | 6.9        | 0.5        |
| 10  | 1746-32       | 518        | 6.9        | 0.5        |
| 10  | 2436-02       | 518        | 8          | 0.6        |
| 10  | 2436-02       | 518        | 8          | 0.6        |
| 119 | 36.1          | 518        | 8.7916     | 0.3064     |
| 10  | 1774-87       | 519        | 8.2        | 0.5        |
| 10  | 1774-87       | 519        | 8.2        | 0.5        |
| 107 | IT/18_9       | 519        | 6.67       | 0.17       |
| 10  | 2606-05a      | 520        | 8          | 0.4        |
| 10  | 2606-05a      | 520        | 8          | 0.4        |
| 10  | 2606-34       | 520        | 9          | 0.4        |
| 10  | 2606-34       | 520        | 9          | 0.4        |
| 47  | PMOG-233_33-: | 520        | 10.6       | 0.3        |
| 47  | PMOG-233_33-: | 520        | 10.6       | 0.3        |

|     |               |            |     |            |            |
|-----|---------------|------------|-----|------------|------------|
| 107 | IT/5_3        |            | 520 | 6.64       | 0.27       |
| 119 | 33.1          |            | 520 | 9.1784     | 0.3983     |
| 18  | ZMB2-anu-zrn- | 520.689047 |     | 8.17175939 | 0.96888131 |
| 18  | ZMB2-anu-zrn- | 520.689047 |     | 8.17175939 | 0.96888131 |
| 10  | 1774-90       |            | 521 | 7.6        | 0.5        |
| 10  | 1774-90       |            | 521 | 7.6        | 0.5        |
| 60  | VGt-512       |            | 521 | 6.6        | 0.2        |
| 60  | VGt-512       |            | 521 | 6.6        | 0.2        |
| 75  | 27            |            | 521 | 8.14       | 0.29       |
| 119 | 13.1          |            | 521 | 7          | 0.5252     |
| 18  | ORG2-anu-zrn- | 521.799745 |     | 7.32032447 | 0.54501323 |
| 18  | ORG2-anu-zrn- | 521.799745 |     | 7.32032447 | 0.54501323 |
| 18  | NIL-anu-zrn-l | 521.805576 |     | 6.5347658  | 0.54989047 |
| 18  | NIL-anu-zrn-l | 521.805576 |     | 6.5347658  | 0.54989047 |
| 10  | 1774-30       |            | 522 | 6          | 0.6        |
| 10  | 1774-30       |            | 522 | 6          | 0.6        |
| 10  | 1746-28       |            | 522 | 6.3        | 0.5        |
| 10  | 1746-28       |            | 522 | 6.3        | 0.5        |
| 10  | 1774-52       |            | 522 | 6.5        | 0.7        |
| 10  | 1774-52       |            | 522 | 6.5        | 0.7        |
| 10  | 1774-88       |            | 522 | 6.9        | 0.5        |
| 10  | 1774-88       |            | 522 | 6.9        | 0.5        |
| 10  | 2641-27       |            | 522 | 7.2        | 0.7        |
| 10  | 2641-27       |            | 522 | 7.2        | 0.7        |
| 10  | 2436-34       |            | 522 | 7.5        | 0.4        |
| 10  | 2436-34       |            | 522 | 7.5        | 0.4        |
| 10  | 1774-05       |            | 522 | 9.5        | 0.7        |
| 10  | 1774-05       |            | 522 | 9.5        | 0.7        |
| 10  | 2436-40       |            | 522 | 12.4       | 0.4        |
| 10  | 2436-40       |            | 522 | 12.4       | 0.4        |
| 19  | 08LL06 57     |            | 522 | 4.47       | 0.31       |
| 19  | 08LL06 57     |            | 522 | 4.47       | 0.31       |
| 75  | 19            |            | 522 | 10.28      | 0.39       |
| 10  | 1746-46       |            | 523 | 6.2        | 0.4        |
| 10  | 1746-46       |            | 523 | 6.2        | 0.4        |
| 10  | 2436-06       |            | 523 | 7.9        | 0.4        |
| 10  | 2436-06       |            | 523 | 7.9        | 0.4        |
| 19  | 08LL07 14     |            | 523 | 5.86       | 0.33       |
| 19  | 08LL07 14     |            | 523 | 5.86       | 0.33       |
| 47  | PMOG-233_33-: |            | 523 | 9.3        | 0.3        |
| 47  | PMOG-233_33-: |            | 523 | 9.3        | 0.3        |
| 119 | 25.1          |            | 523 | 9.4526     | 0.5141     |
| 18  | NIL-anu-zrn-l | 523.495491 |     | 8.20216989 | 0.93038652 |
| 18  | NIL-anu-zrn-l | 523.495491 |     | 8.20216989 | 0.93038652 |
| 10  | 2606-37a      |            | 524 | 9.8        | 0.7        |

|                  |            |            |            |        |
|------------------|------------|------------|------------|--------|
| 10 2606-37a      |            | 524        | 9.8        | 0.7    |
| 10 1774-58       |            | 524        | 11.8       | 0.7    |
| 10 1774-58       |            | 524        | 11.8       | 0.7    |
| 75               | 23         | 524        | 10.72      | 0.29   |
| 119              | 63.1       | 524        | 8.7067     | 0.5249 |
| 119              | 2.1        | 524        | 9.8339     | 0.2989 |
| 10 1774-96       |            | 525        | 9.5        | 0.5    |
| 10 1774-96       |            | 525        | 9.5        | 0.5    |
| 10 1774-09       |            | 525        | 10.2       | 0.7    |
| 10 1774-09       |            | 525        | 10.2       | 0.7    |
| 107 IT/17_17     |            | 525        | 6.67       | 0.3    |
| 119              | 34.1       | 525        | 10         | 0.3291 |
| 18 ZMB2-anu-zrn- | 525.593701 | 11.3031415 | 0.61434849 |        |
| 18 ZMB2-anu-zrn- | 525.593701 | 11.3031415 | 0.61434849 |        |
| 75               | 28         | 526        | 6.28       | 0.39   |
| 107 IT/18_6      |            | 526        | 6.48       | 0.18   |
| 107 IT/17_8      |            | 526        | 6.61       | 0.2    |
| 107 IT/18_7      |            | 526        | 6.63       | 0.15   |
| 119              | 69.1       | 526        | 7          | 0.3406 |
| 119              | 50.1       | 526        | 9          | 0.2878 |
| 10 1746-25       |            | 527        | 5.7        | 0.6    |
| 10 1746-25       |            | 527        | 5.7        | 0.6    |
| 10 2606-35       |            | 527        | 5.8        | 0.4    |
| 10 2606-35       |            | 527        | 5.8        | 0.4    |
| 10 2436-18       |            | 527        | 6.2        | 0.7    |
| 10 2436-18       |            | 527        | 6.2        | 0.7    |
| 10 2641-53       |            | 527        | 7.4        | 0.5    |
| 10 2641-53       |            | 527        | 7.4        | 0.5    |
| 10 1774-53       |            | 527        | 8.1        | 0.7    |
| 10 1774-53       |            | 527        | 8.1        | 0.7    |
| 10 1774-60       |            | 527        | 8.6        | 0.6    |
| 10 1774-60       |            | 527        | 8.6        | 0.6    |
| 90 VAL010        |            | 527        | 10.13      |        |
| 116 DA13-077-01  |            | 527        | 1.47       | 0.29   |
| 116 DA13-077-36  |            | 527        | 2.81       | 0.29   |
| 10 1746-40       |            | 528        | 6          | 0.4    |
| 10 1746-40       |            | 528        | 6          | 0.4    |
| 10 1774-42       |            | 528        | 7.3        | 0.5    |
| 10 1774-42       |            | 528        | 7.3        | 0.5    |
| 10 1774-99       |            | 528        | 8.2        | 0.5    |
| 10 1774-99       |            | 528        | 8.2        | 0.5    |
| 18 CNG2-anu-zrn- | 528.497556 | 7.89501482 | 0.6012185  |        |
| 18 CNG2-anu-zrn- | 528.497556 | 7.89501482 | 0.6012185  |        |
| 10 2436-87b      |            | 529        | 4.2        | 0.4    |
| 10 2436-87b      |            | 529        | 4.2        | 0.4    |

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| 10 1746-59       |            | 529        | 7.1        | 0.5        |
| 10 1746-59       |            | 529        | 7.1        | 0.5        |
| 10 1774-39       |            | 529        | 7.6        | 0.6        |
| 10 1774-39       |            | 529        | 7.6        | 0.6        |
| 119              | 16.1       | 529        | 8.0367     | 0.2988     |
| 119              | 42.1       | 529        | 8.5797     | 0.3373     |
| 119              | 40.1       | 529        | 9.413      | 0.4865     |
| 10 2436-87a      |            | 530        | 4          | 0.4        |
| 10 2436-87a      |            | 530        | 4          | 0.4        |
| 10 2641-21       |            | 530        | 7          | 0.5        |
| 10 2641-21       |            | 530        | 7          | 0.5        |
| 10 1774-94b      |            | 530        | 7.6        | 0.5        |
| 10 1774-94b      |            | 530        | 7.6        | 0.5        |
| 10 1774-101      |            | 530        | 7.7        | 0.5        |
| 10 1774-101      |            | 530        | 7.7        | 0.5        |
| 47 PMOG-233_33-: |            | 530        | 10         | 0.3        |
| 47 PMOG-233_33-: |            | 530        | 10         | 0.3        |
| 119              | 36.1       | 530        | 9.7233     | 0.3304     |
| 18 ORG2-anu-zrn- | 530.822663 | 530.822663 | 8.69547827 | 0.5540952  |
| 18 ORG2-anu-zrn- | 530.822663 | 530.822663 | 8.69547827 | 0.5540952  |
| 10 2641-12a      |            | 531        | 10.1       | 0.5        |
| 10 2641-12a      |            | 531        | 10.1       | 0.5        |
| 10 1774-22       |            | 531        | 10.8       | 0.6        |
| 10 1774-22       |            | 531        | 10.8       | 0.6        |
| 75               | 17         | 531        | 9.47       | 0.39       |
| 119              | 45.1       | 531        | 9.9894     | 0.4915     |
| 10 1746-57       |            | 532        | 4.8        | 0.6        |
| 10 1746-57       |            | 532        | 4.8        | 0.6        |
| 10 1746-26       |            | 532        | 10         | 0.4        |
| 10 1746-26       |            | 532        | 10         | 0.4        |
| 10 1774-07b      |            | 532        | 11         | 0.6        |
| 10 1774-07b      |            | 532        | 11         | 0.6        |
| 10 1774-08       |            | 532        | 12.6       | 0.6        |
| 10 1774-08       |            | 532        | 12.6       | 0.6        |
| 119              | 6.1        | 532        | 7.004      | 0.5051     |
| 119              | 48.1       | 532        | 8.5336     | 0.3489     |
| 119              | 44.1       | 532        | 10.3872    | 0.527      |
| 18 CNG2-anu-zrn- | 532.585615 | 532.585615 | 9.13093681 | 0.58214926 |
| 18 CNG2-anu-zrn- | 532.585615 | 532.585615 | 9.13093681 | 0.58214926 |
| 10 1774-68       |            | 533        | 5.8        | 0.7        |
| 10 1774-68       |            | 533        | 5.8        | 0.7        |
| 10 1774-55       |            | 533        | 7.6        | 0.6        |
| 10 1774-55       |            | 533        | 7.6        | 0.6        |
| 10 1774-67       |            | 533        | 7.7        | 0.6        |
| 10 1774-67       |            | 533        | 7.7        | 0.6        |

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| 10 1774-92       |            | 533        | 8.2        | 0.6        |
| 10 1774-92       |            | 533        | 8.2        | 0.6        |
| 119              | 12.1       | 533        | 10.786     | 0.5378     |
| 18 CNG2-anu-zrn- | 533.733496 | 533.733496 | 8.50289025 | 0.69728428 |
| 18 CNG2-anu-zrn- | 533.733496 | 533.733496 | 8.50289025 | 0.69728428 |
| 10 2641-13       |            | 534        | 6.4        | 0.4        |
| 10 2641-13       |            | 534        | 6.4        | 0.4        |
| 10 2436-68       |            | 534        | 8          | 0.4        |
| 10 2436-68       |            | 534        | 8          | 0.4        |
| 10 1774-29       |            | 534        | 8          | 0.6        |
| 10 1774-29       |            | 534        | 8          | 0.6        |
| 20 KK1.1         |            | 534        | 10.2       | 0.5        |
| 20 KK1.1         |            | 534        | 10.2       | 0.5        |
| 20 KK1.1         |            | 534        | 10.2       | 0.5        |
| 47 PMOG-233_33-  |            | 534        | 8.9        | 0.3        |
| 47 PMOG-233_33-  |            | 534        | 8.9        | 0.3        |
| 56 URPR 4A       |            | 534        | 8.78       |            |
| 56 URPR 4A       |            | 534        | 8.78       |            |
| 10 2641-08       |            | 535        | 8          | 0.5        |
| 10 2641-08       |            | 535        | 8          | 0.5        |
| 10 1774-15       |            | 535        | 13.9       | 0.6        |
| 10 1774-15       |            | 535        | 13.9       | 0.6        |
| 10 2606-05b      |            | 536        | 8          | 0.3        |
| 10 2606-05b      |            | 536        | 8          | 0.3        |
| 10 2436-60       |            | 536        | 8.7        | 0.4        |
| 10 2436-60       |            | 536        | 8.7        | 0.4        |
| 10 2641-12b      |            | 536        | 10.2       | 0.4        |
| 10 2641-12b      |            | 536        | 10.2       | 0.4        |
| 59 MO-1004       |            | 536        | 5.8        | 0.3        |
| 59 MO-1004       |            | 536        | 5.8        | 0.3        |
| 119              | 55.1       | 536        | 10         | 0.5506     |
| 10 1774-81       |            | 537        | 7.6        | 0.7        |
| 10 1774-81       |            | 537        | 7.6        | 0.7        |
| 10 1746-50       |            | 538        | 5.3        | 0.6        |
| 10 1746-50       |            | 538        | 5.3        | 0.6        |
| 10 1774-35       |            | 538        | 6          | 0.5        |
| 10 1774-35       |            | 538        | 6          | 0.5        |
| 10 1746-35       |            | 538        | 6.2        | 0.5        |
| 10 1746-35       |            | 538        | 6.2        | 0.5        |
| 10 1746-13       |            | 538        | 7.4        | 0.8        |
| 10 1746-13       |            | 538        | 7.4        | 0.8        |
| 10 1774-01       |            | 538        | 8.8        | 0.7        |
| 10 1774-01       |            | 538        | 8.8        | 0.7        |
| 18 CNG2-anu-zrn- | 538.68406  | 538.68406  | 9.69987994 | 0.56042193 |
| 18 CNG2-anu-zrn- | 538.68406  | 538.68406  | 9.69987994 | 0.56042193 |



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| 10 2436-69b      |            | 539        | 6.1        | 0.4    |
| 10 2436-69b      |            | 539        | 6.1        | 0.4    |
| 10 2606-38       |            | 539        | 9          | 0.4    |
| 10 2606-38       |            | 539        | 9          | 0.4    |
| 10 1774-31       |            | 539        | 10.5       | 0.6    |
| 10 1774-31       |            | 539        | 10.5       | 0.6    |
| 47 PMOG-233_33-: |            | 539        | 7.7        | 0.3    |
| 47 PMOG-233_33-: |            | 539        | 7.7        | 0.3    |
| 75               | 25         | 539        | 9.42       | 0.4    |
| 119              | 23.1       | 539        | 11         | 0.5108 |
| 120 EW3-1*       |            | 539        | 6.34       | 0.39   |
| 122 n4737-22     |            | 539.1      | 6.35       | 0.14   |
| 18 NIL-anu-zrn-l | 539.991617 | 6.46841547 | 0.55878675 |        |
| 18 NIL-anu-zrn-l | 539.991617 | 6.46841547 | 0.55878675 |        |
| 10 1774-28a      |            | 540        | 5          | 0.7    |
| 10 1774-28a      |            | 540        | 5          | 0.7    |
| 10 1746-45       |            | 540        | 8.5        | 0.4    |
| 10 1746-45       |            | 540        | 8.5        | 0.4    |
| 56 FÁBRICA       |            | 540        | 6.36       |        |
| 56 FÁBRICA       |            | 540        | 6.36       |        |
| 116 DA14-133-13  |            | 540        | 5.78       | 0.52   |
| 116 DA13-076-65  |            | 540        | 9.21       | 0.3    |
| 116 DA13-076-71  |            | 540        | 9.29       | 0.32   |
| 116 DA13-076-64  |            | 540        | 9.73       | 0.32   |
| 119              | 4.1        | 540        | 9          | 0.5122 |
| 10 1774-61       |            | 541        | 5.5        | 0.7    |
| 10 1774-61       |            | 541        | 5.5        | 0.7    |
| 10 1774-45       |            | 541        | 7.5        | 0.5    |
| 10 1774-45       |            | 541        | 7.5        | 0.5    |
| 116 DA13-017-29  |            | 541        | 0.61       | 0.27   |
| 116 DA13-017-70  |            | 541        | 5.26       | 0.25   |
| 116 DA13-017-72  |            | 541        | 6.05       | 0.25   |
| 10 2436-73       |            | 542        | 5.9        | 0.4    |
| 10 2436-73       |            | 542        | 5.9        | 0.4    |
| 10 1774-13c      |            | 542        | 9.1        | 0.6    |
| 10 1774-13c      |            | 542        | 9.1        | 0.6    |
| 10 2641-60       |            | 542        | 9.6        | 0.7    |
| 10 2641-60       |            | 542        | 9.6        | 0.7    |
| 10 1746-31       |            | 542        | 11.1       | 0.5    |
| 10 1746-31       |            | 542        | 11.1       | 0.5    |
| 20 BB3. 3. 18    |            | 542        | 5.5        | 0.6    |
| 20 BB3. 3. 18    |            | 542        | 5.5        | 0.6    |
| 20 BB3. 3. 18    |            | 542        | 5.5        | 0.6    |
| 75               | 56         | 542        | 11.06      | 0.4    |
| 18 ORG2-anu-zrn- | 542.237481 | 10.3447161 | 0.76331744 |        |

|     |               |            |            |            |
|-----|---------------|------------|------------|------------|
| 18  | ORG2-anu-zrn- | 542.237481 | 10.3447161 | 0.76331744 |
| 10  | 1746-58       | 543        | 6.8        | 0.4        |
| 10  | 1746-58       | 543        | 6.8        | 0.4        |
| 10  | 2436-15       | 543        | 8.1        | 0.6        |
| 10  | 2436-15       | 543        | 8.1        | 0.6        |
| 10  | 1774-41       | 543        | 8.9        | 0.5        |
| 10  | 1774-41       | 543        | 8.9        | 0.5        |
| 10  | 1746-33       | 543        | 12.5       | 0.4        |
| 10  | 1746-33       | 543        | 12.5       | 0.4        |
| 106 | 10GD48-7      | 543        | 11.94      | 0.13       |
| 18  | ORG2-anu-zrn- | 543.503833 | 7.8383403  | 0.55270641 |
| 18  | ORG2-anu-zrn- | 543.503833 | 7.8383403  | 0.55270641 |
| 10  | 2606-51       | 544        | 5.3        | 0.4        |
| 10  | 2606-51       | 544        | 5.3        | 0.4        |
| 10  | 2436-82       | 544        | 5.9        | 0.4        |
| 10  | 2436-82       | 544        | 5.9        | 0.4        |
| 10  | 2436-11       | 544        | 6.2        | 0.4        |
| 10  | 2436-11       | 544        | 6.2        | 0.4        |
| 10  | 2606-55b      | 544        | 6.6        | 0.4        |
| 10  | 2606-55b      | 544        | 6.6        | 0.4        |
| 10  | 2436-58       | 544        | 9.1        | 0.4        |
| 10  | 2436-58       | 544        | 9.1        | 0.4        |
| 47  | PMOG-233_33-  | 544        | 8.6        | 0.3        |
| 47  | PMOG-233_33-  | 544        | 8.6        | 0.3        |
| 47  | PMOG-233_33-  | 544        | 10.1       | 0.3        |
| 47  | PMOG-233_33-  | 544        | 10.1       | 0.3        |
| 119 | 42.1          | 544        | 8          | 0.3238     |
| 122 | n4737-03      | 544.7      | 6.53       | 0.14       |
| 10  | 1774-06       | 545        | 7.1        | 0.8        |
| 10  | 1774-06       | 545        | 7.1        | 0.8        |
| 119 | 16.1          | 545        | 9          | 0.4945     |
| 18  | ORG2-anu-zrn- | 545.043801 | 6.224715   | 0.5592407  |
| 18  | ORG2-anu-zrn- | 545.043801 | 6.224715   | 0.5592407  |
| 18  | ZMB2-anu-zrn- | 545.574504 | 6.94411798 | 0.59764558 |
| 18  | ZMB2-anu-zrn- | 545.574504 | 6.94411798 | 0.59764558 |
| 18  | NGR1-anu-zrn- | 545.971095 | 9.83940257 | 0.59551602 |
| 18  | NGR1-anu-zrn- | 545.971095 | 9.83940257 | 0.59551602 |
| 10  | 1774-57       | 546        | 5.6        | 0.7        |
| 10  | 1774-57       | 546        | 5.6        | 0.7        |
| 20  | BB6.17        | 546        | 9.2        | 0.4        |
| 20  | BB6.17        | 546        | 9.2        | 0.4        |
| 20  | BB6.17        | 546        | 9.2        | 0.4        |
| 119 | 40.1          | 546        | 8          | 0.5077     |
| 10  | 2436-61       | 547        | 7.6        | 0.4        |
| 10  | 2436-61       | 547        | 7.6        | 0.4        |

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| 10 2606-44       |            | 547        | 8.5   | 0.4        |
| 10 2606-44       |            | 547        | 8.5   | 0.4        |
| 57 G168          |            | 547        | 10.93 |            |
| 57 G168          |            | 547        | 10.93 |            |
| 116 DA13-083-63  |            | 547        | 5.62  | 0.3        |
| 119              | 37.1       | 547        | 7     | 0.4044     |
| 119              | 59.1       | 547        | 10    | 0.557      |
| 10 2641-57       |            | 548        | 5.2   | 0.3        |
| 10 2641-57       |            | 548        | 5.2   | 0.3        |
| 10 2346-26       |            | 548        | 8.8   | 0.5        |
| 10 2346-26       |            | 548        | 8.8   | 0.5        |
| 10 1774-04       |            | 548        | 9     | 0.7        |
| 10 1774-04       |            | 548        | 9     | 0.7        |
| 10 1774-11       |            | 548        | 10.4  | 0.5        |
| 10 1774-11       |            | 548        | 10.4  | 0.5        |
| 18 NGR1-anu-zrn- | 548.372909 | 6.77101691 |       | 0.5913468  |
| 18 NGR1-anu-zrn- | 548.372909 | 6.77101691 |       | 0.5913468  |
| 18 NIL-anu-zrn-l | 548.557926 | 7.69210424 |       | 0.57518023 |
| 18 NIL-anu-zrn-l | 548.557926 | 7.69210424 |       | 0.57518023 |
| 10 2436-13b      |            | 549        | 7.2   | 0.6        |
| 10 2436-13b      |            | 549        | 7.2   | 0.6        |
| 122 n4737-15     |            | 549.4      | 6.34  | 0.14       |
| 18 CNG2-anu-zrn- | 549.514344 | 7.13704005 |       | 0.57918543 |
| 18 CNG2-anu-zrn- | 549.514344 | 7.13704005 |       | 0.57918543 |
| 10 2436-83       |            | 550        | 5.9   | 0.4        |
| 10 2436-83       |            | 550        | 5.9   | 0.4        |
| 10 2436-65       |            | 550        | 6     | 0.4        |
| 10 2436-65       |            | 550        | 6     | 0.4        |
| 10 2606-42       |            | 550        | 7.5   | 0.4        |
| 10 2606-42       |            | 550        | 7.5   | 0.4        |
| 10 2641-39       |            | 550        | 14.1  | 0.6        |
| 10 2641-39       |            | 550        | 14.1  | 0.6        |
| 56 PAM-10        |            | 550        | 5.19  |            |
| 56 PAM-10        |            | 550        | 5.19  |            |
| 119              | 2.1        | 550        | 6     | 0.3094     |
| 18 NIL-anu-zrn-l | 550.058978 | 6.69485723 |       | 0.57004905 |
| 18 NIL-anu-zrn-l | 550.058978 | 6.69485723 |       | 0.57004905 |
| 122 n4737-20     |            | 550.7      | 5.26  | 0.14       |
| 10 2606-41       |            | 551        | 7     | 0.5        |
| 10 2606-41       |            | 551        | 7     | 0.5        |
| 10 1774-94a      |            | 551        | 7.3   | 0.5        |
| 10 1774-94a      |            | 551        | 7.3   | 0.5        |
| 10 2606-30b      |            | 551        | 7.4   | 0.4        |
| 10 2606-30b      |            | 551        | 7.4   | 0.4        |
| 10 1746-66       |            | 551        | 7.5   | 0.6        |

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| 10 1746-66       | 551        | 7.5        | 0.6        |
| 47 PMOG-233_33-  | 551        | 9.2        | 0.3        |
| 47 PMOG-233_33-  | 551        | 9.2        | 0.3        |
| 59 MO-1125       | 551        | 5.9        | 0.4        |
| 59 MO-1125       | 551        | 5.9        | 0.4        |
| 119 50.1         | 551        | 9          | 0.3028     |
| 18 CNG2-anu-zrn- | 551.579178 | 7.57740579 | 0.58284922 |
| 18 CNG2-anu-zrn- | 551.579178 | 7.57740579 | 0.58284922 |
| 10 1774-13a      | 552        | 8.5        | 0.6        |
| 10 1774-13a      | 552        | 8.5        | 0.6        |
| 10 1774-89       | 552        | 10.7       | 0.5        |
| 10 1774-89       | 552        | 10.7       | 0.5        |
| 10 2436-80       | 552        | 11         | 0.4        |
| 10 2436-80       | 552        | 11         | 0.4        |
| 10 1774-07a      | 552        | 12         | 0.7        |
| 10 1774-07a      | 552        | 12         | 0.7        |
| 20 KK1.22        | 552        | 7.9        | 0.6        |
| 20 KK1.22        | 552        | 7.9        | 0.6        |
| 20 KK1.22        | 552        | 7.9        | 0.6        |
| 116 DA14-146-36  | 552        | 5.62       | 0.54       |
| 116 DA14-146-32  | 552        | 6          | 0.55       |
| 116 DA14-146-38  | 552        | 6.16       | 0.53       |
| 116 DA14-146-01  | 552        | 6.4        | 0.53       |
| 116 DA14-146-08  | 552        | 6.4        | 0.55       |
| 116 DA14-146-40  | 552        | 6.81       | 0.54       |
| 116 DA14-146-25  | 552        | 8.05       | 0.54       |
| 10 1746-44       | 553        | 8.4        | 0.4        |
| 10 1746-44       | 553        | 8.4        | 0.4        |
| 10 2436-57       | 553        | 10         | 0.4        |
| 10 2436-57       | 553        | 10         | 0.4        |
| 20 BB1.7         | 553        | 6.6        | 0.4        |
| 20 BB1.7         | 553        | 6.6        | 0.4        |
| 20 BB1.7         | 553        | 6.6        | 0.4        |
| 119 12.1         | 553        | 7          | 0.3523     |
| 18 ZMB2-anu-zrn- | 553.445805 | 5.54453357 | 0.56601004 |
| 18 ZMB2-anu-zrn- | 553.445805 | 5.54453357 | 0.56601004 |
| 18 ZMB2-anu-zrn- | 553.548228 | 6.63449307 | 0.59050686 |
| 18 ZMB2-anu-zrn- | 553.548228 | 6.63449307 | 0.59050686 |
| 18 ORG2-anu-zrn- | 553.72852  | 8.44798834 | 1.02868395 |
| 18 ORG2-anu-zrn- | 553.72852  | 8.44798834 | 1.02868395 |
| 10 2436-54b      | 554        | 7          | 0.4        |
| 10 2436-54b      | 554        | 7          | 0.4        |
| 18 CNG2-anu-zrn- | 554.188086 | 9.41765449 | 0.58778035 |
| 18 CNG2-anu-zrn- | 554.188086 | 9.41765449 | 0.58778035 |
| 122 n4734-13     | 554.6      | 5.91       | 0.14       |

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| 10 2641-34       | 555        | 6.2        | 0.6        |        |
| 10 2641-34       | 555        | 6.2        | 0.6        |        |
| 10 1746-05a      | 555        | 7.1        | 0.9        |        |
| 10 1746-05a      | 555        | 7.1        | 0.9        |        |
| 10 2436-54a      | 555        | 7.2        | 0.4        |        |
| 10 2436-54a      | 555        | 7.2        | 0.4        |        |
| 10 1774-21       | 555        | 8.8        | 0.6        |        |
| 10 1774-21       | 555        | 8.8        | 0.6        |        |
| 18 NGR1-anu-zrn- | 555.097939 | 7.88180266 | 0.59640784 |        |
| 18 NGR1-anu-zrn- | 555.097939 | 7.88180266 | 0.59640784 |        |
| 122 n4735-19     | 555.5      | 6.02       | 0.14       |        |
| 10 1746-38       | 556        | 6          | 0.5        |        |
| 10 1746-38       | 556        | 6          | 0.5        |        |
| 10 1746-21       | 556        | 7.1        | 0.7        |        |
| 10 1746-21       | 556        | 7.1        | 0.7        |        |
| 10 1774-14       | 556        | 7.5        | 0.6        |        |
| 10 1774-14       | 556        | 7.5        | 0.6        |        |
| 10 1774-19       | 556        | 8.8        | 0.6        |        |
| 10 1774-19       | 556        | 8.8        | 0.6        |        |
| 10 1774-20a      | 556        | 15.5       | 0.7        |        |
| 10 1774-20a      | 556        | 15.5       | 0.7        |        |
| 20 CM1.1         | 556        | 8.2        | 0.3        |        |
| 20 CM1.1         | 556        | 8.2        | 0.3        |        |
| 20 CM1.1         | 556        | 8.2        | 0.3        |        |
| 122 n4735-18     | 556.3      | 6.1        | 0.15       |        |
| 18 ZMB2-anu-zrn- | 556.774538 | 8.93526836 | 0.96081605 |        |
| 18 ZMB2-anu-zrn- | 556.774538 | 8.93526836 | 0.96081605 |        |
| 122 n4735-01     | 556.9      | 5.7        | 0.17       |        |
| 10 1774-54       | 557        | 9          | 0.7        |        |
| 10 1774-54       | 557        | 9          | 0.7        |        |
| 20 BB6.16        | 557        | 7          | 0.7        |        |
| 20 BB6.16        | 557        | 7          | 0.7        |        |
| 20 BB6.16        | 557        | 7          | 0.7        |        |
| 18 CNG2-anu-zrn- | 557.2435   | 7.3117763  | 0.5732418  |        |
| 18 CNG2-anu-zrn- | 557.2435   | 7.3117763  | 0.5732418  |        |
| 10 1774-38       | 558        | 7.7        | 0.5        |        |
| 10 1774-38       | 558        | 7.7        | 0.5        |        |
| 119              | 17.1       | 558        | 9.3441     | 0.3117 |
| 119              | 54.1       | 558        | 12         | 0.3554 |
| 122 n4735-23     | 558.3      | 6.02       | 0.14       |        |
| 122 n4735-25     | 558.8      | 5.72       | 0.15       |        |
| 10 2606-55a      | 559        | 7.3        | 0.4        |        |
| 10 2606-55a      | 559        | 7.3        | 0.4        |        |
| 10 2606-37b      | 559        | 10.6       | 0.4        |        |
| 10 2606-37b      | 559        | 10.6       | 0.4        |        |

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| 18 ORG2-anu-zrn- | 559.005549 | 6.4822608  | 0.5512369  |
| 18 ORG2-anu-zrn- | 559.005549 | 6.4822608  | 0.5512369  |
| 18 ORG2-anu-zrn- | 559.038175 | 8.61860287 | 0.55419863 |
| 18 ORG2-anu-zrn- | 559.038175 | 8.61860287 | 0.55419863 |
| 18 ORG2-anu-zrn- | 559.105612 | 8.85204641 | 0.74773668 |
| 18 ORG2-anu-zrn- | 559.105612 | 8.85204641 | 0.74773668 |
| 18 NIL-anu-zrn-l | 559.420576 | 8.37875018 | 0.97939502 |
| 18 NIL-anu-zrn-l | 559.420576 | 8.37875018 | 0.97939502 |
| 18 CNG2-anu-zrn- | 559.552003 | 10.0865495 | 0.56156586 |
| 18 CNG2-anu-zrn- | 559.552003 | 10.0865495 | 0.56156586 |
| 10 2606-30a      | 560        | 7.4        | 0.4        |
| 10 2606-30a      | 560        | 7.4        | 0.4        |
| 10 1774-49       | 560        | 9.2        | 0.6        |
| 10 1774-49       | 560        | 9.2        | 0.6        |
| 56 SUBIDA        | 560        | 5.68       |            |
| 56 SUBIDA        | 560        | 5.68       |            |
| 56 APIUNA        | 560        | 5.81       |            |
| 56 APIUNA        | 560        | 5.81       |            |
| 18 NGR1-anu-zrn- | 560.030941 | 7.50216916 | 0.58856405 |
| 18 NGR1-anu-zrn- | 560.030941 | 7.50216916 | 0.58856405 |
| 122 n4737-27     | 560.2      | 6.57       | 0.15       |
| 122 n4735-16     | 560.5      | 5.59       | 0.14       |
| 115 12.1         | 560.7      | 7.4        |            |
| 10 1746-39       | 561        | 5.6        | 0.4        |
| 10 1746-39       | 561        | 5.6        | 0.4        |
| 10 2346-29       | 561        | 6.8        | 1          |
| 10 2346-29       | 561        | 6.8        | 1          |
| 10 1774-13b      | 561        | 9.4        | 0.5        |
| 10 1774-13b      | 561        | 9.4        | 0.5        |
| 10 2641-59       | 561        | 13         | 0.8        |
| 10 2641-59       | 561        | 13         | 0.8        |
| 10 1774-20b      | 561        | 15.2       | 0.6        |
| 10 1774-20b      | 561        | 15.2       | 0.6        |
| 20 HV1. v7       | 561        | 6.6        | 0.2        |
| 20 HV1. v7       | 561        | 6.6        | 0.2        |
| 20 HV1. v7       | 561        | 6.6        | 0.2        |
| 18 CNG2-anu-zrn- | 561.058832 | 9.49912409 | 0.58852663 |
| 18 CNG2-anu-zrn- | 561.058832 | 9.49912409 | 0.58852663 |
| 10 2641-49       | 562        | 7.8        | 0.3        |
| 10 2641-49       | 562        | 7.8        | 0.3        |
| 10 2436-66       | 562        | 8.1        | 0.4        |
| 10 2436-66       | 562        | 8.1        | 0.4        |
| 10 1746-47       | 562        | 8.4        | 0.4        |
| 10 1746-47       | 562        | 8.4        | 0.4        |
| 10 1746-64       | 562        | 8.6        | 0.5        |

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| 10 1746-64       |            | 562        | 8.6        | 0.5        |
| 10 1746-06       |            | 562        | 11.1       | 0.8        |
| 10 1746-06       |            | 562        | 11.1       | 0.8        |
| 119              | 21.1       | 562        | 8.0113     | 0.498      |
| 119              | 16.1       | 562        | 9          | 0.3214     |
| 18 NGR1-anu-zrn- | 562.523082 | 562.523082 | 9.50697743 | 0.60004682 |
| 18 NGR1-anu-zrn- | 562.523082 | 562.523082 | 9.50697743 | 0.60004682 |
| 122 n4736-24x    |            | 562.7      | 5.68       | 0.18       |
| 122 n4735-06     |            | 562.8      | 6.29       | 0.15       |
| 10 1746-34       |            | 563        | 5.1        | 0.4        |
| 10 1746-34       |            | 563        | 5.1        | 0.4        |
| 20 CM1.7         |            | 563        | 5.8        | 0.5        |
| 20 CM1.7         |            | 563        | 5.8        | 0.5        |
| 20 CM1.7         |            | 563        | 5.8        | 0.5        |
| 20 HV1.2         |            | 563        | 7.8        | 0.5        |
| 20 HV1.2         |            | 563        | 7.8        | 0.5        |
| 20 HV1.2         |            | 563        | 7.8        | 0.5        |
| 119              | 8.1        | 563        | 8.3353     | 0.4939     |
| 122 n4734-15     |            | 563.6      | 6.17       | 0.15       |
| 10 2436-51       |            | 564        | 8.4        | 0.3        |
| 10 2436-51       |            | 564        | 8.4        | 0.3        |
| 10 2436-14       |            | 564        | 9          | 0.6        |
| 10 2436-14       |            | 564        | 9          | 0.6        |
| 56 HP-41 A       |            | 564        | 7.98       |            |
| 56 HP-41 A       |            | 564        | 7.98       |            |
| 120 EW-1-6       |            | 564        | 3.59       | 0.37       |
| 18 NGR1-anu-zrn- | 564.011359 | 564.011359 | 7.02368229 | 0.60051942 |
| 18 NGR1-anu-zrn- | 564.011359 | 564.011359 | 7.02368229 | 0.60051942 |
| 122 n4735-04     |            | 564.2      | 5.92       | 0.15       |
| 18 CNG2-anu-zrn- | 564.463265 | 564.463265 | 6.90002772 | 0.56913584 |
| 18 CNG2-anu-zrn- | 564.463265 | 564.463265 | 6.90002772 | 0.56913584 |
| 18 NIL-anu-zrn-l | 564.666592 | 564.666592 | 10.0451486 | 0.60292216 |
| 18 NIL-anu-zrn-l | 564.666592 | 564.666592 | 10.0451486 | 0.60292216 |
| 10 1774-48       |            | 565        | 6.8        | 0.5        |
| 10 1774-48       |            | 565        | 6.8        | 0.5        |
| 10 2436-86       |            | 565        | 7.2        | 0.4        |
| 10 2436-86       |            | 565        | 7.2        | 0.4        |
| 10 1746-19a      |            | 565        | 9.4        | 0.7        |
| 10 1746-19a      |            | 565        | 9.4        | 0.7        |
| 18 NGR1-anu-zrn- | 565.099073 | 565.099073 | 5.92805406 | 0.59523599 |
| 18 NGR1-anu-zrn- | 565.099073 | 565.099073 | 5.92805406 | 0.59523599 |
| 122 n4735-03     |            | 565.1      | 5.74       | 0.14       |
| 122 n4735-08     |            | 565.1      | 5.94       | 0.15       |
| 122 n4735-05     |            | 565.1      | 6          | 0.15       |
| 10 1746-05b      |            | 566        | 6.9        | 0.8        |

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| 10 1746-05b      |            | 566        | 6.9        | 0.8    |
| 10 1774-91       |            | 566        | 8.2        | 0.5    |
| 10 1774-91       |            | 566        | 8.2        | 0.5    |
| 75               | 16         | 566        | 11.16      | 0.27   |
| 122 n4736-2x     |            | 566.1      | 5.99       | 0.16   |
| 122 n4735-10     |            | 566.6      | 5.73       | 0.14   |
| 10 2641-42       |            | 567        | 6.4        | 0.6    |
| 10 2641-42       |            | 567        | 6.4        | 0.6    |
| 19 08LL06 34     |            | 567        | -0.85      | 0.51   |
| 19 08LL06 34     |            | 567        | -0.85      | 0.51   |
| 20 KK1. 18       |            | 567        | 5.8        | 0.5    |
| 20 KK1. 18       |            | 567        | 5.8        | 0.5    |
| 20 KK1. 18       |            | 567        | 5.8        | 0.5    |
| 56 WW-128        |            | 567        | 5.67       |        |
| 56 WW-128        |            | 567        | 5.67       |        |
| 122 n4737-08     |            | 567.8      | 5.9        | 0.15   |
| 10 1774-71       |            | 568        | 7.9        | 0.6    |
| 10 1774-71       |            | 568        | 7.9        | 0.6    |
| 20 BB1. 14       |            | 568        | 6.4        | 0.4    |
| 20 BB1. 14       |            | 568        | 6.4        | 0.4    |
| 20 BB1. 14       |            | 568        | 6.4        | 0.4    |
| 119              | 49.1       | 568        | 10         | 0.4477 |
| 18 NGR1-anu-zrn- | 568.355484 | 7.87946116 | 0.59880212 |        |
| 18 NGR1-anu-zrn- | 568.355484 | 7.87946116 | 0.59880212 |        |
| 10 1774-66       |            | 569        | 8.8        | 0.7    |
| 10 1774-66       |            | 569        | 8.8        | 0.7    |
| 119              | 20.1       | 569        | 12         | 0.4905 |
| 18 NGR1-anu-zrn- | 569.796963 | 6.90109804 | 0.61888348 |        |
| 18 NGR1-anu-zrn- | 569.796963 | 6.90109804 | 0.61888348 |        |
| 10 1774-24       |            | 570        | 6.2        | 0.6    |
| 10 1774-24       |            | 570        | 6.2        | 0.6    |
| 10 2436-50       |            | 570        | 6.5        | 0.3    |
| 10 2436-50       |            | 570        | 6.5        | 0.3    |
| 10 1774-02       |            | 570        | 9.4        | 0.7    |
| 10 1774-02       |            | 570        | 9.4        | 0.7    |
| 47 PMOG-233_33-  |            | 570        | 9          | 0.3    |
| 47 PMOG-233_33-  |            | 570        | 9          | 0.3    |
| 56 HP - 223      |            | 570        | 7.71       |        |
| 56 HP - 223      |            | 570        | 7.71       |        |
| 116 DA14-140-01  |            | 570        | 5.65       | 0.55   |
| 116 DA14-140-14  |            | 570        | 6.36       | 0.55   |
| 116 DA14-140-11  |            | 570        | 7.35       | 0.54   |
| 116 DA14-140-09  |            | 570        | 8.28       | 0.54   |
| 122 n4737-07     |            | 570.6      | 6.06       | 0.15   |
| 122 n4735-14     |            | 570.9      | 6.3        | 0.16   |



|                  |            |            |            |
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| 10 1774-44b      | 571        | 6.5        | 0.5        |
| 10 1774-44b      | 571        | 6.5        | 0.5        |
| 57 BR-231        | 571        | 9.81       |            |
| 57 BR-231        | 571        | 9.81       |            |
| 122 n4735-12     | 571.1      | 5.99       | 0.15       |
| 18 NGR1-anu-zrn- | 571.635215 | 8.25932865 | 0.59224493 |
| 18 NGR1-anu-zrn- | 571.635215 | 8.25932865 | 0.59224493 |
| 122 n4735-07     | 571.8      | 6.2        | 0.15       |
| 10 2436-69a      | 572        | 6.4        | 0.4        |
| 10 2436-69a      | 572        | 6.4        | 0.4        |
| 20 BB6.56        | 572        | 9.7        | 0.4        |
| 20 BB6.56        | 572        | 9.7        | 0.4        |
| 20 BB6.56        | 572        | 9.7        | 0.4        |
| 119 30.1         | 572        | 8          | 0.3665     |
| 18 NGR1-anu-zrn- | 572.321296 | 8.61414251 | 0.59096916 |
| 18 NGR1-anu-zrn- | 572.321296 | 8.61414251 | 0.59096916 |
| 122 n4736-9x     | 572.9      | 4.29       | 0.16       |
| 5 RNZ49          | 573        | 7.14       |            |
| 5 RNZ49          | 573        | 7.14       |            |
| 10 2641-45       | 573        | 4.8        | 0.6        |
| 10 2641-45       | 573        | 4.8        | 0.6        |
| 10 1774-79       | 573        | 6.3        | 0.6        |
| 10 1774-79       | 573        | 6.3        | 0.6        |
| 10 2436-67       | 573        | 6.5        | 0.4        |
| 10 2436-67       | 573        | 6.5        | 0.4        |
| 10 1774-36       | 573        | 7.4        | 0.6        |
| 10 1774-36       | 573        | 7.4        | 0.6        |
| 10 2436-70       | 573        | 8.7        | 0.4        |
| 10 2436-70       | 573        | 8.7        | 0.4        |
| 119 10.1         | 573        | 8          | 0.3545     |
| 120 EW5-5        | 573        | 6.26       | 0.35       |
| 18 NIL-anu-zrn-l | 573.311754 | 5.07273764 | 0.60385104 |
| 18 NIL-anu-zrn-l | 573.311754 | 5.07273764 | 0.60385104 |
| 122 n4737-13     | 574.3      | 6.43       | 0.15       |
| 18 NGR1-anu-zrn- | 574.669709 | 6.93011745 | 0.59969069 |
| 18 NGR1-anu-zrn- | 574.669709 | 6.93011745 | 0.59969069 |
| 10 1774-73a      | 575        | 5.5        | 0.6        |
| 10 1774-73a      | 575        | 5.5        | 0.6        |
| 10 1774-73b      | 575        | 6.1        | 0.6        |
| 10 1774-73b      | 575        | 6.1        | 0.6        |
| 10 2606-52b      | 575        | 6.5        | 0.4        |
| 10 2606-52b      | 575        | 6.5        | 0.4        |
| 10 2436-10       | 575        | 14.3       | 0.4        |
| 10 2436-10       | 575        | 14.3       | 0.4        |
| 20 BB1.30        | 575        | 7.6        | 0.4        |

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| 20 BB1. 30       | 575        | 7.6        | 0.4        |
| 20 BB1. 30       | 575        | 7.6        | 0.4        |
| 119 32. 1        | 575        | 10.0086    | 0.4915     |
| 122 n4736-18x    | 575        | 5.08       | 0.16       |
| 10 2436-23       | 576        | 3.4        | 0.6        |
| 10 2436-23       | 576        | 3.4        | 0.6        |
| 10 1746-29       | 576        | 8.6        | 0.5        |
| 10 1746-54       | 576        | 8.6        | 0.5        |
| 10 1746-29       | 576        | 8.6        | 0.5        |
| 10 1746-54       | 576        | 8.6        | 0.5        |
| 119 30. 1        | 576        | 9          | 0.4979     |
| 10 2436-09       | 577        | 10.2       | 0.4        |
| 10 2436-09       | 577        | 10.2       | 0.4        |
| 119 26. 2        | 577        | 9          | 0.4986     |
| 10 2436-28       | 578        | 6.7        | 0.5        |
| 10 2436-28       | 578        | 6.7        | 0.5        |
| 19 08LL06 29     | 578        | 3.31       | 0.32       |
| 19 08LL06 29     | 578        | 3.31       | 0.32       |
| 20 BB1. 19       | 578        | 6.3        | 0.4        |
| 20 BB1. 19       | 578        | 6.3        | 0.4        |
| 20 BB1. 19       | 578        | 6.3        | 0.4        |
| 66 YS-503        | 578        | 7.07       | 0.1        |
| 119 19. 1        | 578        | 10         | 0.3725     |
| 122 n4737-19     | 578.3      | 6.59       | 0.14       |
| 122 n4734-19     | 578.5      | 5.51       | 0.14       |
| 122 n4735-02     | 578.5      | 6.01       | 0.15       |
| 18 NGR1-anu-zrn- | 578.876831 | 6.36974279 | 0.61131845 |
| 18 NGR1-anu-zrn- | 578.876831 | 6.36974279 | 0.61131845 |
| 10 2641-46       | 579        | 6.4        | 0.3        |
| 10 2641-46       | 579        | 6.4        | 0.3        |
| 10 2436-43       | 579        | 6.7        | 0.3        |
| 10 2436-43       | 579        | 6.7        | 0.3        |
| 18 NGR1-anu-zrn- | 579.323895 | 8.09332276 | 0.60775088 |
| 18 NGR1-anu-zrn- | 579.323895 | 8.09332276 | 0.60775088 |
| 10 2606-52a      | 580        | 6.1        | 0.4        |
| 10 2606-52a      | 580        | 6.1        | 0.4        |
| 10 1774-32b      | 580        | 8.5        | 0.6        |
| 10 1774-32b      | 580        | 8.5        | 0.6        |
| 47 PMOG-233_33-  | 580        | 8.8        | 0.3        |
| 47 PMOG-233_33-  | 580        | 8.8        | 0.3        |
| 56 ATURVO        | 580        | 5.81       |            |
| 56 ATURVO        | 580        | 5.81       |            |
| 56 FAXINAL       | 580        | 7.49       |            |
| 56 FAXINAL       | 580        | 7.49       |            |
| 56 BRAF-68       | 580        | 7.68       |            |

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| 56 BRAF-68       |      | 580        | 7.68       |            |
| 120 EW-1-15      |      | 580        | 4          | 0.37       |
| 115              | 12.1 | 580.94     | 8.8        |            |
| 10 2436-78       |      | 581        | 8          | 0.4        |
| 10 2436-78       |      | 581        | 8          | 0.4        |
| 54 camp. Grande  |      | 581        | 6.37       |            |
| 54 camp. Grande  |      | 581        | 6.37       |            |
| 56 K-34          |      | 581        | 8.01       |            |
| 56 K-34          |      | 581        | 8.01       |            |
| 119              | 63.1 | 581        | 10         | 0.4831     |
| 120 EW5-9        |      | 581        | 5.49       | 0.35       |
| 122 n4734-10     |      | 581        | 5.37       | 0.14       |
| 122 n4737-25     |      | 581.5      | 6.03       | 0.15       |
| 18 CNG2-anu-zrn- |      | 581.918448 | 10.0718377 | 0.5841877  |
| 18 CNG2-anu-zrn- |      | 581.918448 | 10.0718377 | 0.5841877  |
| 10 2436-47       |      | 582        | 7.8        | 0.3        |
| 10 2436-47       |      | 582        | 7.8        | 0.3        |
| 10 2641-19       |      | 582        | 9.3        | 0.4        |
| 10 2641-19       |      | 582        | 9.3        | 0.4        |
| 56 K-92          |      | 582        | 6.83       |            |
| 56 K-92          |      | 582        | 6.83       |            |
| 10 2641-10       |      | 583        | 7          | 0.5        |
| 10 2641-10       |      | 583        | 7          | 0.5        |
| 10 2436-27       |      | 583        | 8.3        | 0.5        |
| 10 2436-27       |      | 583        | 8.3        | 0.5        |
| 10 1774-32a      |      | 583        | 8.6        | 0.6        |
| 10 1774-32a      |      | 583        | 8.6        | 0.6        |
| 10 2436-75       |      | 583        | 8.9        | 0.4        |
| 10 2436-75       |      | 583        | 8.9        | 0.4        |
| 66 DV-82-87      |      | 583        | 5.82       | 0.06       |
| 119              | 43.1 | 583        | 10         | 0.5144     |
| 10 2436-76       |      | 584        | 7.1        | 0.4        |
| 10 2436-76       |      | 584        | 7.1        | 0.4        |
| 56 OM-691        |      | 584        | 5.05       |            |
| 56 OM-691        |      | 584        | 5.05       |            |
| 56 OM-473        |      | 584        | 5.52       |            |
| 56 OM-473        |      | 584        | 5.52       |            |
| 119              | 36.1 | 584        | 7          | 0.4113     |
| 18 NGR1-anu-zrn- |      | 584.316924 | 8.77836084 | 0.59990458 |
| 18 NGR1-anu-zrn- |      | 584.316924 | 8.77836084 | 0.59990458 |
| 10 2436-56       |      | 585        | 7.2        | 0.4        |
| 10 2436-56       |      | 585        | 7.2        | 0.4        |
| 54 ITA           |      | 585        | 7.88       |            |
| 54 ITA           |      | 585        | 7.88       |            |
| 18 NGR1-anu-zrn- |      | 585.352551 | 5.85827932 | 0.59256574 |

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| 18 NGR1-anu-zrn- | 585.352551 | 5.85827932 | 0.59256574 |
| 18 ZMB2-anu-zrn- | 585.522423 | 5.55914172 | 0.55190567 |
| 18 ZMB2-anu-zrn- | 585.522423 | 5.55914172 | 0.55190567 |
| 10 2606-54       | 586        | 5          | 0.4        |
| 10 2606-54       | 586        | 5          | 0.4        |
| 10 1746-41       | 586        | 7.7        | 0.5        |
| 10 1746-41       | 586        | 7.7        | 0.5        |
| 66 S-4516        | 586        | 5.43       | 0.05       |
| 66 S-4403        | 586        | 5.46       | 0.01       |
| 66 S-4546        | 586        | 5.59       | 0.07       |
| 106 10GD48-105   | 586        | 9.43       | 0.26       |
| 119 28.1         | 586        | 10         | 0.3611     |
| 119 41.1         | 586        | 11         | 0.523      |
| 120 EW-1-14      | 586        | 5.09       | 0.4        |
| 122 n4734-17     | 586.2      | 6.48       | 0.15       |
| 18 CNG2-anu-zrn- | 586.250599 | 5.35422876 | 0.60709357 |
| 18 CNG2-anu-zrn- | 586.250599 | 5.35422876 | 0.60709357 |
| 18 ZMB2-anu-zrn- | 586.447437 | 9.14377292 | 0.95674307 |
| 18 ZMB2-anu-zrn- | 586.447437 | 9.14377292 | 0.95674307 |
| 10 2436-26       | 587        | 7.4        | 0.5        |
| 10 2436-26       | 587        | 7.4        | 0.5        |
| 10 2436-38       | 587        | 10.3       | 0.4        |
| 10 2436-38       | 587        | 10.3       | 0.4        |
| 20 BB1.26a       | 587        | 6.2        | 0.9        |
| 20 BB1.26a       | 587        | 6.2        | 0.9        |
| 20 BB1.26a       | 587        | 6.2        | 0.9        |
| 18 ZMB2-anu-zrn- | 587.297421 | 7.28096847 | 0.57139541 |
| 18 ZMB2-anu-zrn- | 587.297421 | 7.28096847 | 0.57139541 |
| 18 NIL-anu-zrn-l | 587.690067 | 10.6002316 | 0.55584185 |
| 18 NIL-anu-zrn-l | 587.690067 | 10.6002316 | 0.55584185 |
| 10 1774-85       | 588        | 9.7        | 0.6        |
| 10 1774-85       | 588        | 9.7        | 0.6        |
| 19 08LL07 37     | 588        | 5.91       | 0.39       |
| 19 08LL07 37     | 588        | 5.91       | 0.39       |
| 66 YE-99         | 588        | 6.23       | 0.1        |
| 122 n4737-04     | 588        | 6.39       | 0.15       |
| 18 NGR1-anu-zrn- | 588.223506 | 7.44599331 | 0.60686518 |
| 18 NGR1-anu-zrn- | 588.223506 | 7.44599331 | 0.60686518 |
| 18 ZMB2-anu-zrn- | 588.523817 | 7.19880064 | 0.59859402 |
| 18 ZMB2-anu-zrn- | 588.523817 | 7.19880064 | 0.59859402 |
| 18 CNG2-anu-zrn- | 588.646548 | 6.05240006 | 0.5619135  |
| 18 CNG2-anu-zrn- | 588.646548 | 6.05240006 | 0.5619135  |
| 10 2641-50       | 589        | 10.4       | 0.4        |
| 10 2641-50       | 589        | 10.4       | 0.4        |
| 10 1774-33       | 589        | 10.6       | 0.6        |

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| 10 1774-33       | 589       | 10.6       | 0.6        |
| 10 2436-31       | 590       | 7.7        | 0.5        |
| 10 2436-31       | 590       | 7.7        | 0.5        |
| 10 2436-81       | 590       | 11.1       | 0.4        |
| 10 2436-81       | 590       | 11.1       | 0.4        |
| 56 K-44          | 590       | 6          |            |
| 56 K-44          | 590       | 6          |            |
| 56 K-17          | 590       | 6.4        |            |
| 56 K-17          | 590       | 6.4        |            |
| 66 IL-8          | 590       | 5.48       | 0.1        |
| 66 IL-149        | 590       | 5.49       | 0.1        |
| 66 IL-9          | 590       | 5.5        | 0.1        |
| 66 IL-84         | 590       | 5.66       | 0.1        |
| 66 A-197-1       | 590       | 6.45       | 0.1        |
| 66 YS-1QA        | 590       | 6.68       | 0.05       |
| 66 A-198         | 590       | 7.23       | 0.1        |
| 106 10GD48-25    | 590       | 5.83       | 0.26       |
| 56 MJ-132        | 591       | 4.68       |            |
| 56 MJ-132        | 591       | 4.68       |            |
| 56 HP-21         | 591       | 8.9        |            |
| 56 HP-21         | 591       | 8.9        |            |
| 66 S-3896        | 591       | 5.06       | 0          |
| 66 S-3968        | 591       | 5.34       | 0.11       |
| 10 2606-40b      | 592       | 13         | 0.4        |
| 10 2606-40b      | 592       | 13         | 0.4        |
| 56 MJ-659        | 592       | 5.31       |            |
| 56 MJ-659        | 592       | 5.31       |            |
| 56 MJ-659b       | 592       | 5.8        |            |
| 56 MJ-659b       | 592       | 5.8        |            |
| 66 S-2695        | 592       | 5.25       | 0.01       |
| 122 n4737-12     | 592.3     | 7.18       | 0.14       |
| 18 NIL-anu-zrn-l | 592.58119 | 7.10879817 | 0.54658767 |
| 18 NIL-anu-zrn-l | 592.58119 | 7.10879817 | 0.54658767 |
| 56 OM-589        | 593       | 4.65       |            |
| 56 OM-589        | 593       | 4.65       |            |
| 56 OM-589        | 593       | 4.65       |            |
| 56 OM-589        | 593       | 4.65       |            |
| 56 OM-691        | 593       | 5.05       |            |
| 56 OM-691        | 593       | 5.05       |            |
| 56 OM-473        | 593       | 5.52       |            |
| 56 OM-473        | 593       | 5.52       |            |
| 59 MO-1366       | 593       | 3.5        | 0.1        |
| 59 MO-1366       | 593       | 3.5        | 0.1        |
| 120 EW5-7        | 593       | 5.15       | 0.35       |
| 120 EW-1-7       | 593       | 5.75       | 0.36       |

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| 18 CNG2-anu-zrn- | 593. 237301 | 5. 31786691 | 0. 58330033 |
| 18 CNG2-anu-zrn- | 593. 237301 | 5. 31786691 | 0. 58330033 |
| 18 CNG2-anu-zrn- | 593. 850424 | 5. 49787503 | 0. 57260713 |
| 18 CNG2-anu-zrn- | 593. 850424 | 5. 49787503 | 0. 57260713 |
| 10 2641-26       | 594         | 8           | 0. 7        |
| 10 2641-26       | 594         | 8           | 0. 7        |
| 10 1774-17       | 594         | 8. 5        | 0. 7        |
| 10 1774-17       | 594         | 8. 5        | 0. 7        |
| 56 MJ-163d       | 594         | 4. 9        |             |
| 56 MJ-165        | 594         | 4. 9        |             |
| 56 MJ-163d       | 594         | 4. 9        |             |
| 56 MJ-165        | 594         | 4. 9        |             |
| 56 MJ-640        | 594         | 5. 64       |             |
| 56 MJ-640        | 594         | 5. 64       |             |
| 66 S-1384        | 594         | 4. 62       | 0. 04       |
| 66 S-1351        | 594         | 4. 88       | 0. 01       |
| 66 S-1518        | 594         | 4. 9        | 0           |
| 120 EW-1-9       | 594         | 4. 07       | 0. 4        |
| 120 EW-1-2       | 594         | 4. 08       | 0. 37       |
| 10 2436-63       | 595         | 7. 5        | 0. 4        |
| 10 2436-63       | 595         | 7. 5        | 0. 4        |
| 10 2436-13a      | 595         | 7. 8        | 0. 5        |
| 10 2436-13a      | 595         | 7. 8        | 0. 5        |
| 47 PMOG-233_33-! | 595         | 7. 6        | 0. 3        |
| 47 PMOG-233_33-! | 595         | 7. 6        | 0. 3        |
| 66 S-1805        | 595         | 4. 49       | 0. 1        |
| 66 A-149         | 595         | 6. 36       | 0. 1        |
| 66 A-52          | 595         | 6. 49       | 0. 1        |
| 106 10GD49-50    | 595         | 6. 81       | 0. 3        |
| 18 CNG2-anu-zrn- | 595. 727638 | 5. 05548266 | 0. 58109507 |
| 18 CNG2-anu-zrn- | 595. 727638 | 5. 05548266 | 0. 58109507 |
| 122 n4737-14     | 595. 9      | 6. 38       | 0. 17       |
| 10 2436-49a      | 596         | 6. 9        | 0. 3        |
| 10 2436-49a      | 596         | 6. 9        | 0. 3        |
| 66 S-1885        | 596         | 5. 01       | 0. 1        |
| 66 S-1886        | 596         | 5. 25       | 0. 08       |
| 18 NGR1-anu-zrn- | 596. 143963 | 7. 19007071 | 0. 59782691 |
| 18 NGR1-anu-zrn- | 596. 143963 | 7. 19007071 | 0. 59782691 |
| 10 2436-42       | 597         | 8           | 0. 3        |
| 10 2436-42       | 597         | 8           | 0. 3        |
| 66 S-2199        | 597         | 6. 1        | 0. 02       |
| 66 S-2120        | 597         | 6. 19       | 0. 04       |
| 66 YS-400        | 597         | 8. 04       | 0. 1        |
| 56 MJ-415        | 598         | 6. 01       |             |
| 56 MJ-415        | 598         | 6. 01       |             |

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| 56 K-20          | 598        | 7.38       |            |
| 56 K-20          | 598        | 7.38       |            |
| 106 10GD48-12    | 598        | 11.86      | 0.21       |
| 119 8.1          | 598        | 9          | 0.3606     |
| 119 38.1         | 598        | 11         | 0.4021     |
| 120 EW-1-8       | 598        | 5.58       | 0.36       |
| 18 ZMB2-anu-zrn- | 598.173159 | 7.82079022 | 0.60063176 |
| 18 ZMB2-anu-zrn- | 598.173159 | 7.82079022 | 0.60063176 |
| 18 NIL-anu-zrn-l | 598.380425 | 5.46455749 | 0.60576279 |
| 18 NIL-anu-zrn-l | 598.380425 | 5.46455749 | 0.60576279 |
| 20 BB1.1a        | 599        | 5.8        | 0.5        |
| 20 BB1.1a        | 599        | 5.8        | 0.5        |
| 20 BB1.1a        | 599        | 5.8        | 0.5        |
| 56 BRAF-23       | 599        | 7.94       |            |
| 56 BRAF-23       | 599        | 7.94       |            |
| 56 HP-04         | 599        | 8.13       |            |
| 56 HP-04         | 599        | 8.13       |            |
| 56 K-67          | 599        | 8.64       |            |
| 56 K-67          | 599        | 8.64       |            |
| 66 S-2839        | 599        | 5.89       | 0.1        |
| 120 EW-2-12      | 599        | 5.4        | 0.35       |
| 120 EW5-2        | 599        | 6.02       | 0.38       |
| 18 ORG2-anu-zrn- | 599.946982 | 6.35223989 | 0.5539547  |
| 18 ORG2-anu-zrn- | 599.946982 | 6.35223989 | 0.5539547  |
| 56 HP-17         | 600        | 8.92       |            |
| 56 HP-17         | 600        | 8.92       |            |
| 56 PAM-4         | 600        | 10.87      |            |
| 56 PAM-4         | 600        | 10.87      |            |
| 66 S-1588        | 600        | 5.16       | 0.1        |
| 66 S-1709        | 600        | 5.29       | 0.1        |
| 66 S-3010        | 600        | 5.65       | 0.02       |
| 66 YE-98         | 600        | 6.35       | 0.1        |
| 66 S-2364        | 600        | 6.5        | 0.1        |
| 120 EW-2-9       | 600        | 5.42       | 0.37       |
| 18 NIL-anu-zrn-l | 600.021415 | 6.65410427 | 0.55324559 |
| 18 NIL-anu-zrn-l | 600.021415 | 6.65410427 | 0.55324559 |
| 18 ZMB2-anu-zrn- | 600.036154 | 10.4284186 | 0.55429655 |
| 18 ZMB2-anu-zrn- | 600.036154 | 10.4284186 | 0.55429655 |
| 18 NIL-anu-zrn-l | 600.627965 | 11.2705686 | 0.55873231 |
| 18 NIL-anu-zrn-l | 600.627965 | 11.2705686 | 0.55873231 |
| 120 EW3-3        | 601        | 4.57       | 0.38       |
| 18 ORG2-anu-zrn- | 601.671856 | 7.97843783 | 0.55602318 |
| 18 ORG2-anu-zrn- | 601.671856 | 7.97843783 | 0.55602318 |
| 10 1774-59       | 602        | 6          | 0.7        |
| 10 1774-59       | 602        | 6          | 0.7        |

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| 10 1746-36       | 602        | 9.2        | 0.4        |
| 10 1746-36       | 602        | 9.2        | 0.4        |
| 20 BB1. 13       | 602        | 5.6        | 0.5        |
| 20 BB1. 13       | 602        | 5.6        | 0.5        |
| 20 BB1. 13       | 602        | 5.6        | 0.5        |
| 66 AG-66         | 602        | 5.6        | 0.1        |
| 66 AG-64         | 602        | 5.68       | 0          |
| 66 AG-40         | 602        | 5.75       | 0.02       |
| 66 AG-77         | 602        | 5.89       | 0.01       |
| 120 EW-1-1       | 602        | 4.53       | 0.36       |
| 10 1774-23       | 603        | 9          | 0.6        |
| 10 1774-23       | 603        | 9          | 0.6        |
| 66 S-1561        | 603        | 5.3        | 0.14       |
| 66 AG-62         | 603        | 5.82       | 0.04       |
| 106 10GD48-20    | 603        | 8.94       | 0.15       |
| 18 CNG2-anu-zrn- | 603.490828 | 8.23372458 | 0.59339187 |
| 18 CNG2-anu-zrn- | 603.490828 | 8.23372458 | 0.59339187 |
| 18 NGR1-anu-zrn- | 603.884    | 8.43378966 | 0.5955458  |
| 18 NGR1-anu-zrn- | 603.884    | 8.43378966 | 0.5955458  |
| 10 2436-84       | 604        | 6.2        | 0.4        |
| 10 2436-84       | 604        | 6.2        | 0.4        |
| 56 MJ-376f       | 604        | 5.43       |            |
| 56 MJ-376f       | 604        | 5.43       |            |
| 56 MJ-376        | 604        | 5.52       |            |
| 56 MJ-376        | 604        | 5.52       |            |
| 66 S-1724        | 604        | 5.27       | 0.02       |
| 120 EW-2-8       | 604        | 8.98       | 0.57       |
| 18 CNG2-anu-zrn- | 604.781972 | 7.64732833 | 0.55431049 |
| 18 CNG2-anu-zrn- | 604.781972 | 7.64732833 | 0.55431049 |
| 56 OM-933        | 605        | 5.59       |            |
| 56 OM-933        | 605        | 5.59       |            |
| 56 OM-629        | 605        | 5.62       |            |
| 56 OM-629        | 605        | 5.62       |            |
| 56 OM-180        | 605        | 5.71       |            |
| 56 OM-180        | 605        | 5.71       |            |
| 56 MJ-AM-93      | 605        | 5.79       |            |
| 56 MJ-AM-93      | 605        | 5.79       |            |
| 66 AG-35         | 605        | 6.52       | 0.05       |
| 66 AG-81         | 605        | 6.6        | 0.04       |
| 66 S-4378        | 605        | 6.66       | 0.01       |
| 66 AG-36         | 605        | 6.76       | 0.1        |
| 66 S-4917        | 605        | 6.88       | 0.08       |
| 96 Yehoshafat-36 | 605        | 6.52       |            |
| 96 Yehoshafat-81 | 605        | 6.6        | 0.04       |
| 96 Yehoshafat-36 | 605        | 6.76       |            |



|                  |            |            |      |            |
|------------------|------------|------------|------|------------|
| 120 EW-2-14      |            | 605        | 5.31 | 0.36       |
| 10 1774-70       |            | 606        | 10.2 | 0.7        |
| 10 1774-70       |            | 606        | 10.2 | 0.7        |
| 20 KK1.25        |            | 606        | 7.9  | 0.4        |
| 20 KK1.25        |            | 606        | 7.9  | 0.4        |
| 20 KK1.25        |            | 606        | 7.9  | 0.4        |
| 56 K-11          |            | 606        | 7.18 |            |
| 56 K-11          |            | 606        | 7.18 |            |
| 66 AG-67         |            | 606        | 5.48 | 0.1        |
| 66 AG-63         |            | 606        | 5.52 | 0.02       |
| 66 AG-44         |            | 606        | 5.93 | 0          |
| 75               | 3          | 606        | 7.34 | 0.28       |
| 66 S-1737        |            | 607        | 5.03 | 0.03       |
| 66 S-1610        |            | 607        | 5.07 | 0.01       |
| 120 EW-2-6       |            | 607        | 5.99 | 0.37       |
| 10 2436-22       |            | 608        | 10.7 | 0.6        |
| 10 2436-22       |            | 608        | 10.7 | 0.6        |
| 66 S-1542        |            | 608        | 5.08 | 0.06       |
| 66 S-1810        |            | 608        | 5.08 | 0.14       |
| 66 S-3699        |            | 608        | 5.1  | 0.09       |
| 66 S-1600        |            | 608        | 5.17 | 0.02       |
| 66 S-1634        |            | 608        | 5.17 | 0.09       |
| 66 S-3704        |            | 608        | 5.24 | 0.01       |
| 106 10GD48-14    |            | 608        | 6.6  | 0.33       |
| 10 1746-63       |            | 609        | 7.2  | 0.5        |
| 10 1746-63       |            | 609        | 7.2  | 0.5        |
| 10 1746-10a      |            | 609        | 9.4  | 0.8        |
| 10 1746-10a      |            | 609        | 9.4  | 0.8        |
| 47 PMOG-233_33-1 |            | 609        | 7.3  | 0.3        |
| 47 PMOG-233_33-1 |            | 609        | 7.3  | 0.3        |
| 56 BRAF-37       |            | 609        | 6.63 |            |
| 56 BRAF-37       |            | 609        | 6.63 |            |
| 56 MJ-209c       |            | 609        | 7.15 |            |
| 56 MJ-209c       |            | 609        | 7.15 |            |
| 18 NIL-anu-zrn-l | 609.135169 | 6.80179029 |      | 0.56406056 |
| 18 NIL-anu-zrn-l | 609.135169 | 6.80179029 |      | 0.56406056 |
| 18 ORG2-anu-zrn- | 609.450982 | 6.22293011 |      | 0.5523917  |
| 18 ORG2-anu-zrn- | 609.450982 | 6.22293011 |      | 0.5523917  |
| 10 2436-49b      | 610        | 7.1        |      | 0.3        |
| 10 2436-49b      | 610        | 7.1        |      | 0.3        |
| 10 2436-79       | 610        | 9.5        |      | 0.4        |
| 10 2436-79       | 610        | 9.5        |      | 0.4        |
| 56 HP - 155      | 610        | 5.41       |      |            |
| 56 HP - 155      | 610        | 5.41       |      |            |
| 56 E-3           | 610        | 6.1        |      |            |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 56 E-3           | 610        | 6.1        |            |
| 66 S-2609        | 610        | 5.59       | 0.07       |
| 66 S-1876        | 610        | 5.79       | 0.1        |
| 66 S-2911        | 610        | 6.49       | 0.04       |
| 66 S-2921        | 610        | 6.51       | 0.1        |
| 96 Timna-67      | 610        | 5.48       |            |
| 96 Timna-63      | 610        | 5.52       | 0.03       |
| 96 Timna-66      | 610        | 5.6        |            |
| 96 Timna-64      | 610        | 5.68       | 0          |
| 96 Timna-40      | 610        | 5.75       |            |
| 96 Timna-62      | 610        | 5.82       | 0.04       |
| 96 Timna-77      | 610        | 5.89       | 0.01       |
| 96 Timna-44      | 610        | 5.93       |            |
| 96 Timna-71      | 610        | 6.1        | 0.05       |
| 96 Timna-70      | 610        | 6.11       | 0.03       |
| 96 Timna-69      | 610        | 6.27       | 0.11       |
| 106 10GD49-19    | 610        | 8.61       | 0.27       |
| 10 2436-12       | 611        | 6.8        | 0.5        |
| 10 2436-12       | 611        | 6.8        | 0.5        |
| 66 S-2504        | 611        | 6.49       | 0.04       |
| 66 S-2491        | 611        | 6.75       | 0.04       |
| 66 S-826         | 611        | 6.87       | 0.1        |
| 18 NIL-anu-zrn-l | 611.185204 | 7.14916742 | 0.55839292 |
| 18 NIL-anu-zrn-l | 611.185204 | 7.14916742 | 0.55839292 |
| 18 ZMB2-anu-zrn- | 611.526281 | 8.15116708 | 0.60893153 |
| 18 ZMB2-anu-zrn- | 611.526281 | 8.15116708 | 0.60893153 |
| 18 ZMB2-anu-zrn- | 611.91269  | 7.17815863 | 0.55231435 |
| 18 ZMB2-anu-zrn- | 611.91269  | 7.17815863 | 0.55231435 |
| 20 HV1.6         | 612        | 6.2        | 0.3        |
| 20 HV1.6         | 612        | 6.2        | 0.3        |
| 20 HV1.6         | 612        | 6.2        | 0.3        |
| 20 BB6.7         | 612        | 10.1       | 0.3        |
| 20 BB6.7         | 612        | 10.1       | 0.3        |
| 20 BB6.7         | 612        | 10.1       | 0.3        |
| 56 BRAF-26       | 612        | 6.96       |            |
| 56 BRAF-26       | 612        | 6.96       |            |
| 56 K-3           | 612        | 7.97       |            |
| 56 K-3           | 612        | 7.97       |            |
| 18 NIL-anu-zrn-l | 612.319492 | 9.16777619 | 0.57248307 |
| 18 NIL-anu-zrn-l | 612.319492 | 9.16777619 | 0.57248307 |
| 18 CNG2-anu-zrn- | 612.742116 | 8.75928133 | 0.57719201 |
| 18 CNG2-anu-zrn- | 612.742116 | 8.75928133 | 0.57719201 |
| 56 MJ-649(OM-40) | 613        | 6.26       |            |
| 56 MJ-649(OM-40) | 613        | 6.26       |            |
| 56 BRAF-27B      | 613        | 8.02       |            |

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|------------------|------------|------------|------------|
| 56 BRAF-27B      | 613        | 8.02       |            |
| 56 BRAF-27 A     | 613        | 8.34       |            |
| 56 BRAF-27 A     | 613        | 8.34       |            |
| 10 1774-16       | 614        | 8.9        | 0.7        |
| 10 1774-16       | 614        | 8.9        | 0.7        |
| 20 CM1. L7. 1    | 614        | 9          | 0.4        |
| 20 CM1. L7. 1    | 614        | 9          | 0.4        |
| 20 CM1. L7. 1    | 614        | 9          | 0.4        |
| 56 MJ-206. 2     | 614        | 6.39       |            |
| 56 MJ-206. 2     | 614        | 6.39       |            |
| 56 MG-362        | 614        | 7.8        |            |
| 56 MG-362        | 614        | 7.8        |            |
| 18 NGR1-anu-zrn- | 614.494837 | 8.06818786 | 0.59827877 |
| 18 NGR1-anu-zrn- | 614.494837 | 8.06818786 | 0.59827877 |
| 18 ZMB2-anu-zrn- | 614.50454  | 8.22115125 | 0.60888473 |
| 18 ZMB2-anu-zrn- | 614.50454  | 8.22115125 | 0.60888473 |
| 10 2436-07       | 615        | 4.5        | 0.4        |
| 10 2436-07       | 615        | 4.5        | 0.4        |
| 10 2641-09       | 615        | 9.5        | 0.5        |
| 10 2641-09       | 615        | 9.5        | 0.5        |
| 19 08LL05 47     | 615        | 3.47       | 0.28       |
| 19 08LL05 47     | 615        | 3.47       | 0.28       |
| 47 PMOG-233_33-9 | 615        | 6.8        | 0.3        |
| 47 PMOG-233_33-9 | 615        | 6.8        | 0.3        |
| 56 AM-1          | 615        | 7.13       |            |
| 56 AM-1          | 615        | 7.13       |            |
| 56 MG-220        | 615        | 7.69       |            |
| 56 MG-220        | 615        | 7.69       |            |
| 119 56. 1        | 615        | 14         | 0.4811     |
| 18 NIL-anu-zrn-l | 615.691525 | 7.29166555 | 0.60907401 |
| 18 NIL-anu-zrn-l | 615.691525 | 7.29166555 | 0.60907401 |
| 18 NIL-anu-zrn-l | 615.807775 | 7.90269981 | 0.58718174 |
| 18 NIL-anu-zrn-l | 615.807775 | 7.90269981 | 0.58718174 |
| 18 CNG2-anu-zrn- | 615.854211 | 6.32994642 | 0.5725519  |
| 18 CNG2-anu-zrn- | 615.854211 | 6.32994642 | 0.5725519  |
| 56 K-5           | 616        | 7.75       |            |
| 56 K-5           | 616        | 7.75       |            |
| 106 10GD48-76    | 616        | 9.14       | 0.26       |
| 10 2436-85b      | 617        | 8.4        | 0.4        |
| 10 2436-85b      | 617        | 8.4        | 0.4        |
| 56 S. P. Alcantá | 617        | 8.2        |            |
| 56 S. P. Alcantá | 617        | 8.2        |            |
| 120 EW5-6        | 617        | 6.38       | 0.38       |
| 18 NIL-anu-zrn-l | 617.188623 | 6.0637015  | 0.95901071 |
| 18 NIL-anu-zrn-l | 617.188623 | 6.0637015  | 0.95901071 |

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| 18 NGR1-anu-zrn- | 617.832435 | 7.03225717 | 0.59837167 |        |
| 18 NGR1-anu-zrn- | 617.832435 | 7.03225717 | 0.59837167 |        |
| 56 OM-1106       | 618        | 6.05       |            |        |
| 56 OM-1106       | 618        | 6.05       |            |        |
| 56 WW-46         | 618        | 6.36       |            |        |
| 56 WW-46         | 618        | 6.36       |            |        |
| 119              | 2.1        | 618        | 11         | 0.5173 |
| 18 NIL-anu-zrn-l | 618.041517 | 7.40335975 | 0.59164318 |        |
| 18 NIL-anu-zrn-l | 618.041517 | 7.40335975 | 0.59164318 |        |
| 18 NIL-anu-zrn-l | 618.499946 | 7.74569251 | 0.56428594 |        |
| 18 NIL-anu-zrn-l | 618.499946 | 7.74569251 | 0.56428594 |        |
| 18 NIL-anu-zrn-l | 618.769633 | 6.81513548 | 1.00225579 |        |
| 18 NIL-anu-zrn-l | 618.769633 | 6.81513548 | 1.00225579 |        |
| 18 NGR1-anu-zrn- | 618.848153 | 6.04406178 | 0.59288665 |        |
| 18 NGR1-anu-zrn- | 618.848153 | 6.04406178 | 0.59288665 |        |
| 19 08LL06 49     | 619        | 2.84       | 0.26       |        |
| 19 08LL06 49     | 619        | 2.84       | 0.26       |        |
| 56 WW-75         | 619        | 6.43       |            |        |
| 56 WW-75         | 619        | 6.43       |            |        |
| 66 S-2344        | 619        | 5.21       | 0.02       |        |
| 66 S-2351        | 619        | 5.68       | 0.06       |        |
| 18 CNG2-anu-zrn- | 619.869458 | 10.1733263 | 0.57293323 |        |
| 18 CNG2-anu-zrn- | 619.869458 | 10.1733263 | 0.57293323 |        |
| 10 1746-52       | 620        | 6.2        | 0.4        |        |
| 10 1746-52       | 620        | 6.2        | 0.4        |        |
| 10 1746-10b      | 620        | 9.4        | 0.8        |        |
| 10 1746-10b      | 620        | 9.4        | 0.8        |        |
| 56 HP - 188      | 620        | 5.51       |            |        |
| 56 HP - 188      | 620        | 5.51       |            |        |
| 56 YE8           | 620        | 6.67       |            |        |
| 56 YE8           | 620        | 6.67       |            |        |
| 56 HP - 165      | 620        | 6.78       |            |        |
| 56 HP - 165      | 620        | 6.78       |            |        |
| 56 BRAF-25       | 620        | 6.98       |            |        |
| 56 BRAF-25       | 620        | 6.98       |            |        |
| 56 LZ-42         | 620        | 7.25       |            |        |
| 56 LZ-42         | 620        | 7.25       |            |        |
| 56 YE2           | 620        | 8.03       |            |        |
| 56 YE2           | 620        | 8.03       |            |        |
| 56 YE12          | 620        | 8.08       |            |        |
| 56 YE12          | 620        | 8.08       |            |        |
| 56 K-68          | 620        | 8.41       |            |        |
| 56 K-68          | 620        | 8.41       |            |        |
| 116 DA13-017-68  | 620        | 4.18       | 0.25       |        |
| 116 DA13-017-69  | 620        | 6.11       | 0.25       |        |

|     |                  |            |            |            |
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| 116 | DA13-017-18      | 620        | 8.03       | 0.25       |
| 119 | 20.1             | 620        | 12         | 0.2956     |
|     | 10 2436-39       | 621        | 9.5        | 0.4        |
|     | 10 2436-39       | 621        | 9.5        | 0.4        |
| 119 | 54.1             | 621        | 6          | 0.6826     |
|     | 18 CNG2-anu-zrn- | 621.779208 | 8.85197071 | 0.60014446 |
|     | 18 CNG2-anu-zrn- | 621.779208 | 8.85197071 | 0.60014446 |
|     | 66 S-3744        | 622        | 6.57       | 0.01       |
| 106 | 10GD48-50        | 622        | 6.49       | 0.15       |
|     | 18 NGR1-anu-zrn- | 622.05944  | 5.42992605 | 0.60464525 |
|     | 18 NGR1-anu-zrn- | 622.05944  | 5.42992605 | 0.60464525 |
|     | 37 07SC49@50     | 623        | 5.51       | 0.44       |
|     | 37 07SC49@50     | 623        | 5.51       | 0.44       |
|     | 18 CNG2-anu-zrn- | 623.341602 | 8.52039002 | 0.62310018 |
|     | 18 CNG2-anu-zrn- | 623.341602 | 8.52039002 | 0.62310018 |
|     | 10 1746-49       | 624        | 8.1        | 0.4        |
|     | 10 1746-49       | 624        | 8.1        | 0.4        |
| 120 | EW-2-4           | 624        | 6.06       | 0.36       |
|     | 18 ORG2-anu-zrn- | 624.478997 | 7.22390035 | 0.74810925 |
|     | 18 ORG2-anu-zrn- | 624.478997 | 7.22390035 | 0.74810925 |
|     | 18 NIL-anu-zrn-l | 624.966412 | 6.51446582 | 0.56543712 |
|     | 18 NIL-anu-zrn-l | 624.966412 | 6.51446582 | 0.56543712 |
|     | 10 2606-40a      | 625        | 13.2       | 0.4        |
|     | 10 2606-40a      | 625        | 13.2       | 0.4        |
|     | 19 08LL07 27     | 625        | 7.1        | 0.29       |
|     | 19 08LL07 27     | 625        | 7.1        | 0.29       |
|     | 54 CJS-13/19     | 625        | 8.86       |            |
|     | 54 CJS-13/19     | 625        | 8.86       |            |
|     | 54 CJS-1         | 625        | 9.11       |            |
|     | 54 CJS-1         | 625        | 9.11       |            |
|     | 56 HP - 03       | 625        | 7.85       |            |
|     | 56 HP - 03       | 625        | 7.85       |            |
|     | 56 HP-02         | 625        | 7.86       |            |
|     | 56 HP-02         | 625        | 7.86       |            |
| 119 | 3.1              | 625        | 11         | 0.3237     |
| 120 | EW5-8            | 625        | 6.08       | 0.37       |
| 106 | 10GD49-90        | 626        | 7.35       | 0.25       |
| 106 | 10GD49-53        | 626        | 11.48      | 0.28       |
| 120 | EW3-6            | 626        | 5.08       | 0.36       |
| 120 | EW3-13           | 626        | 5.74       | 0.36       |
| 120 | EW5-3*           | 626        | 5.82       | 0.38       |
|     | 18 NIL-anu-zrn-l | 626.215249 | 5.83226311 | 0.94214335 |
|     | 18 NIL-anu-zrn-l | 626.215249 | 5.83226311 | 0.94214335 |
|     | 18 CNG2-anu-zrn- | 626.923447 | 7.6928663  | 0.56207408 |
|     | 18 CNG2-anu-zrn- | 626.923447 | 7.6928663  | 0.56207408 |

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|-------------------|------------|------------|------------|------------|
| 10 2436-85a       |            | 627        | 8.4        | 0.4        |
| 10 2436-85a       |            | 627        | 8.4        | 0.4        |
| 13 DSR-14         |            | 627        | 5.72       |            |
| 13 DSR-14         |            | 627        | 5.72       |            |
| 13 DSR-4          |            | 627        | 5.85       |            |
| 13 DSR-4          |            | 627        | 5.85       |            |
| 13 DSR-23         |            | 627        | 5.9        |            |
| 13 DSR-23         |            | 627        | 5.9        |            |
| 13 DSR-29         |            | 627        | 5.93       |            |
| 13 DSR-29         |            | 627        | 5.93       |            |
| 13 DSR-12         |            | 627        | 5.96       |            |
| 13 DSR-12         |            | 627        | 5.96       |            |
| 13 DSR-8          |            | 627        | 5.97       |            |
| 13 DSR-8          |            | 627        | 5.97       |            |
| 13 SR-P           |            | 627        | 6.04       |            |
| 13 SR-P           |            | 627        | 6.04       |            |
| 13 DSR-10         |            | 627        | 6.11       |            |
| 13 DSR-10         |            | 627        | 6.11       |            |
| 13 DSR-17         |            | 627        | 6.33       |            |
| 13 DSR-17         |            | 627        | 6.33       |            |
| 119               | 10.1       | 627        | 6          | 0.2958     |
| 18 NIL-anu-zrn-l  | 627.526062 | 627.526062 | 8.72333068 | 0.97717361 |
| 18 NIL-anu-zrn-l  | 627.526062 | 627.526062 | 8.72333068 | 0.97717361 |
| 75                | 25         | 628        | 7.99       | 0.28       |
| 18 NIL-anu-zrn-l  | 628.560311 | 628.560311 | 8.38382383 | 0.94006361 |
| 18 NIL-anu-zrn-l  | 628.560311 | 628.560311 | 8.38382383 | 0.94006361 |
| 18 NGR1-anu-zrn-l | 628.812875 | 628.812875 | 10.5020635 | 0.59399659 |
| 18 NGR1-anu-zrn-l | 628.812875 | 628.812875 | 10.5020635 | 0.59399659 |
| 10 2641-24        |            | 629        | 8.8        | 0.8        |
| 10 2641-24        |            | 629        | 8.8        | 0.8        |
| 47 PMOG-233_33-l  |            | 629        | 7          | 0.3        |
| 47 PMOG-233_33-l  |            | 629        | 7          | 0.3        |
| 66 S-4600         |            | 629        | 4.9        | 0.03       |
| 66 S-4557         |            | 629        | 5.39       | 0.07       |
| 66 S-3440         |            | 629        | 5.67       | 0.02       |
| 54 FL-13A         |            | 630        | 7.13       |            |
| 54 FL-13A         |            | 630        | 7.13       |            |
| 54 FL-12          |            | 630        | 7.38       |            |
| 54 FL-12A         |            | 630        | 7.38       |            |
| 54 FL-12          |            | 630        | 7.38       |            |
| 54 FL-12A         |            | 630        | 7.38       |            |
| 54 FL-9b          |            | 630        | 7.46       |            |
| 54 FL-9b          |            | 630        | 7.46       |            |
| 54 FL-02          |            | 630        | 7.58       |            |
| 54 FL-02          |            | 630        | 7.58       |            |

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|------------------|------|-----|-------|--------|
| 54 PM-2          |      | 630 | 9.16  |        |
| 54 PM-2          |      | 630 | 9.16  |        |
| 54 G norte       |      | 630 | 9.21  |        |
| 54 G norte       |      | 630 | 9.21  |        |
| 54 PM-3          |      | 630 | 9.26  |        |
| 54 PM-3          |      | 630 | 9.26  |        |
| 54 PM-1          |      | 630 | 9.29  |        |
| 54 PM-1          |      | 630 | 9.29  |        |
| 54 BQ-9          |      | 630 | 9.31  |        |
| 54 BQ-9          |      | 630 | 9.31  |        |
| 54 PM-10         |      | 630 | 9.34  |        |
| 54 PM-10         |      | 630 | 9.34  |        |
| 54 BQ-15         |      | 630 | 9.54  |        |
| 54 BQ-15         |      | 630 | 9.54  |        |
| 54 Bonfim        |      | 630 | 9.82  |        |
| 54 Bonfim        |      | 630 | 9.82  |        |
| 54 BV-V          |      | 630 | 9.97  |        |
| 54 BV-V          |      | 630 | 9.97  |        |
| 66 YE-34         |      | 630 | 6.36  | 0.03   |
| 119              | 29.1 | 630 | 8     | 0.3417 |
| 106 10GD49-57    |      | 631 | 6.69  | 0.32   |
| 47 PMOG-233_33-: |      | 632 | 6.9   | 0.3    |
| 47 PMOG-233_33-: |      | 632 | 6.9   | 0.3    |
| 56 CAN-13b       |      | 632 | 6.29  |        |
| 56 CAN-13b       |      | 632 | 6.29  |        |
| 66 S-3713        |      | 632 | 4.99  | 0.03   |
| 66 S-3807        |      | 632 | 5.43  | 0.11   |
| 66 AG-71         |      | 632 | 6.11  | 0.04   |
| 66 AG-70         |      | 632 | 6.12  | 0.02   |
| 66 AG-69         |      | 632 | 6.28  | 0.1    |
| 75               | 13   | 632 | 6.65  | 0.28   |
| 13 E - 02        |      | 633 | 9.59  |        |
| 13 E - 02        |      | 633 | 9.59  |        |
| 13 E - 68        |      | 633 | 9.91  |        |
| 13 E - 68        |      | 633 | 9.91  |        |
| 13 E - 42        |      | 633 | 10.01 |        |
| 13 E - 42        |      | 633 | 10.01 |        |
| 13 E - 102       |      | 633 | 10.05 |        |
| 13 E - 102       |      | 633 | 10.05 |        |
| 13 E - 49        |      | 633 | 10.06 |        |
| 13 E - 49        |      | 633 | 10.06 |        |
| 13 E - 92        |      | 633 | 10.19 |        |
| 13 E - 92        |      | 633 | 10.19 |        |
| 13 E - 95        |      | 633 | 10.21 |        |
| 13 E - 95        |      | 633 | 10.21 |        |

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| 13 E - 63        |            | 633 | 10.3       |            |
| 13 E - 63        |            | 633 | 10.3       |            |
| 19 08LL07 12     |            | 633 | 5.79       | 0.21       |
| 19 08LL07 12     |            | 633 | 5.79       | 0.21       |
| 56 HP-07         |            | 633 | 7.66       |            |
| 56 HP-07         |            | 633 | 7.66       |            |
| 18 CNG2-anu-zrn- | 633.535106 |     | 5.86970847 | 0.60163056 |
| 18 CNG2-anu-zrn- | 633.535106 |     | 5.86970847 | 0.60163056 |
| 18 CNG2-anu-zrn- | 633.990331 |     | 6.54103875 | 0.57519768 |
| 18 CNG2-anu-zrn- | 633.990331 |     | 6.54103875 | 0.57519768 |
| 66 YE-61         |            | 634 | 6.7        | 0.1        |
| 66 YE-58         |            | 634 | 6.95       | 0.02       |
| 119              | 48.1       | 634 | 7          | 0.5535     |
| 18 NIL-anu-zrn-l | 634.551513 |     | 7.71807501 | 0.58346587 |
| 18 NIL-anu-zrn-l | 634.551513 |     | 7.71807501 | 0.58346587 |
| 54 C-LT          |            | 635 | 10         |            |
| 54 C-LT          |            | 635 | 10         |            |
| 120 EW-2-7       |            | 635 | 6.35       | 0.41       |
| 66 YE-1          |            | 636 | 6.18       | 0.01       |
| 66 YE-33         |            | 636 | 6.97       | 0.03       |
| 66 YE-11         |            | 636 | 7.15       | 0.03       |
| 18 ZMB2-anu-zrn- | 636.258928 |     | 7.98187066 | 0.62047563 |
| 18 ZMB2-anu-zrn- | 636.258928 |     | 7.98187066 | 0.62047563 |
| 18 NGR1-anu-zrn- | 636.822595 |     | 6.72342956 | 0.59810213 |
| 18 NGR1-anu-zrn- | 636.822595 |     | 6.72342956 | 0.59810213 |
| 10 2641-29       |            | 637 | 8.6        | 0.9        |
| 10 2641-29       |            | 637 | 8.6        | 0.9        |
| 54 rcc4/5        |            | 638 | 8.83       |            |
| 54 rcc4/5        |            | 638 | 8.83       |            |
| 54 rcc-02        |            | 638 | 9.73       |            |
| 54 rcc-02        |            | 638 | 9.73       |            |
| 56 VALSSUNGANA   |            | 638 | 7          |            |
| 56 VALSSUNGANA   |            | 638 | 7          |            |
| 18 CNG2-anu-zrn- | 639.042037 |     | 6.34560184 | 0.59936505 |
| 18 CNG2-anu-zrn- | 639.042037 |     | 6.34560184 | 0.59936505 |
| 19 08LL07 46     |            | 640 | 5.37       | 0.36       |
| 19 08LL07 46     |            | 640 | 5.37       | 0.36       |
| 47 PMOG-233_33-  |            | 640 | 7.2        | 0.3        |
| 47 PMOG-233_33-  |            | 640 | 7.2        | 0.3        |
| 56 Paulo Lopez   |            | 640 | 6.75       |            |
| 56 Paulo Lopez   |            | 640 | 6.75       |            |
| 66 AG-79         |            | 640 | 7.93       | 0.1        |
| 18 CNG2-anu-zrn- | 640.665206 |     | 7.62202614 | 0.57517281 |
| 18 CNG2-anu-zrn- | 640.665206 |     | 7.62202614 | 0.57517281 |
| 119              | 51.1       | 641 | 8          | 0.3534     |



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| 18 NGR1-anu-zrn- | 641.382719 | 7.33351235 | 0.59378817 |
| 18 NGR1-anu-zrn- | 641.382719 | 7.33351235 | 0.59378817 |
| 10 1774-34       | 642        | 10.1       | 0.6        |
| 10 1774-34       | 642        | 10.1       | 0.6        |
| 47 PMOG-233_33-( | 642        | 8          | 0.3        |
| 47 PMOG-233_33-( | 642        | 8          | 0.3        |
| 54 FL-32A        | 643        | 8.2        |            |
| 54 FL-32A        | 643        | 8.2        |            |
| 54 FL-33         | 643        | 8.27       |            |
| 54 FL-33         | 643        | 8.27       |            |
| 54 FL-32         | 643        | 8.44       |            |
| 54 FL-32         | 643        | 8.44       |            |
| 106 10GD48-80    | 643        | 6.49       | 0.23       |
| 120 EW3-2        | 643        | 5.29       | 0.4        |
| 120 EW3-14       | 644        | 5.55       | 0.36       |
| 20 KK1.13        | 645        | 7.5        | 0.6        |
| 20 KK1.13        | 645        | 7.5        | 0.6        |
| 20 KK1.13        | 645        | 7.5        | 0.6        |
| 54 TX-V          | 645        | 7.59       |            |
| 54 TX-V          | 645        | 7.59       |            |
| 54 TX-1          | 645        | 7.68       |            |
| 54 TX-1          | 645        | 7.68       |            |
| 106 10GD49-77    | 645        | 11.72      | 0.22       |
| 18 CNG2-anu-zrn- | 645.865905 | 7.66272206 | 0.58204283 |
| 18 CNG2-anu-zrn- | 645.865905 | 7.66272206 | 0.58204283 |
| 19 08LL04 46     | 646        | 4.88       | 0.33       |
| 19 08LL04 46     | 646        | 4.88       | 0.33       |
| 18 NIL-anu-zrn-l | 646.754324 | 10.3516279 | 0.57219909 |
| 18 NIL-anu-zrn-l | 646.754324 | 10.3516279 | 0.57219909 |
| 18 NIL-anu-zrn-l | 646.929756 | 8.34860924 | 0.96473747 |
| 18 NIL-anu-zrn-l | 646.929756 | 8.34860924 | 0.96473747 |
| 10 2436-53       | 647        | 6.9        | 0.3        |
| 10 2436-53       | 647        | 6.9        | 0.3        |
| 10 1746-55       | 647        | 8.3        | 0.5        |
| 10 1746-55       | 647        | 8.3        | 0.5        |
| 18 NIL-anu-zrn-l | 647.383618 | 8.34093032 | 0.56945128 |
| 18 NIL-anu-zrn-l | 647.383618 | 8.34093032 | 0.56945128 |
| 20 BB6.25        | 648        | 5.8        | 0.3        |
| 20 BB6.25        | 648        | 5.8        | 0.3        |
| 20 BB6.25        | 648        | 5.8        | 0.3        |
| 106 10GD49-74    | 649        | 5.92       | 0.22       |
| 18 CNG2-anu-zrn- | 649.469022 | 8.41684748 | 0.59653002 |
| 18 CNG2-anu-zrn- | 649.469022 | 8.41684748 | 0.59653002 |
| 47 PMOG-233_33-' | 650        | 8.2        | 0.3        |
| 47 PMOG-233_33-' | 650        | 8.2        | 0.3        |

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| 66 YE-5          | 650        | 7.24       | 0.02       |
| 66 YE-6          | 650        | 7.39       | 0.1        |
| 116 DA13-076-66  | 650        | 9.03       | 0.3        |
| 54 T-V           | 651        | 9          |            |
| 54 T-V           | 651        | 9          |            |
| 54 TV-14.1       | 651        | 9.08       |            |
| 54 TV-14.1       | 651        | 9.08       |            |
| 54 TV-20.8       | 651        | 9.09       |            |
| 54 TV-48.1       | 651        | 9.09       |            |
| 54 TV-20.8       | 651        | 9.09       |            |
| 54 TV-48.1       | 651        | 9.09       |            |
| 54 TV-11.1       | 651        | 9.13       |            |
| 54 TV-11.1       | 651        | 9.13       |            |
| 54 TV-13.1       | 651        | 9.14       |            |
| 54 TV-13.1       | 651        | 9.14       |            |
| 54 TV-51. a      | 651        | 9.2        |            |
| 54 TV-51. a      | 651        | 9.2        |            |
| 54 TV-45.1       | 651        | 9.33       |            |
| 54 TV-45.1       | 651        | 9.33       |            |
| 18 CNG2-anu-zrn- | 651.97768  | 9.09018384 | 0.58173199 |
| 18 CNG2-anu-zrn- | 651.97768  | 9.09018384 | 0.58173199 |
| 18 NIL-anu-zrn-l | 652.816188 | 5.45198621 | 0.5880448  |
| 18 NIL-anu-zrn-l | 652.816188 | 5.45198621 | 0.5880448  |
| 56 SPU-017       | 653        | 7.77       |            |
| 56 SPU-017       | 653        | 7.77       |            |
| 106 10GD48-48    | 653        | 6.46       | 0.3        |
| 119 22.1         | 653        | 8          | 0.5831     |
| 119 2.1          | 653        | 10         | 0.3323     |
| 120 EW3-4        | 653        | 4          | 0.35       |
| 120 EW3-11       | 653        | 5.75       | 0.36       |
| 18 CNG2-anu-zrn- | 653.015323 | 10.3240744 | 0.57677898 |
| 18 CNG2-anu-zrn- | 653.015323 | 10.3240744 | 0.57677898 |
| 10 1774-47       | 654        | 7.2        | 0.5        |
| 10 1774-47       | 654        | 7.2        | 0.5        |
| 18 CNG2-anu-zrn- | 654.04886  | 5.93704736 | 0.56890245 |
| 18 CNG2-anu-zrn- | 654.04886  | 5.93704736 | 0.56890245 |
| 18 NGR1-anu-zrn- | 654.908319 | 5.62304557 | 0.60014346 |
| 18 NGR1-anu-zrn- | 654.908319 | 5.62304557 | 0.60014346 |
| 119 6.1          | 655        | 7          | 0.3194     |
| 120 EW3-7        | 655        | 4.66       | 0.39       |
| 18 NIL-anu-zrn-l | 655.613066 | 7.22342056 | 0.57116666 |
| 18 NIL-anu-zrn-l | 655.613066 | 7.22342056 | 0.57116666 |
| 119 60.1         | 656        | 5.8209     | 0.5078     |
| 116 DA13-074-54  | 657        | 10.88      | 0.29       |
| 119 36.1         | 657        | 7          | 0.6238     |

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| 18 CNG2-anu-zrn- | 657. 832374 | 6. 98310192 | 0. 59337512 |         |
| 18 CNG2-anu-zrn- | 657. 832374 | 6. 98310192 | 0. 59337512 |         |
| 10 1774-27       | 658         | 6. 4        | 0. 6        |         |
| 10 1774-27       | 658         | 6. 4        | 0. 6        |         |
| 10 2641-51       | 658         | 7. 8        | 0. 3        |         |
| 10 2641-51       | 658         | 7. 8        | 0. 3        |         |
| 18 NIL-anu-zrn-l | 658. 917228 | 8. 3003767  | 0. 55401001 |         |
| 18 NIL-anu-zrn-l | 658. 917228 | 8. 3003767  | 0. 55401001 |         |
| 119              | 23. 1       | 659         | 7           | 0. 3697 |
| 120 EW3-8        | 660         | 4. 88       | 0. 38       |         |
| 47 PMOG-233_33-' | 661         | 4. 1        | 0. 3        |         |
| 47 PMOG-233_33-' | 661         | 4. 1        | 0. 3        |         |
| 75               | 69. 1       | 661         | 8. 5        | 0. 45   |
| 106 10GD49-106   | 662         | 6. 68       | 0. 22       |         |
| 20 CM1. 8a       | 663         | 5. 4        | 0. 4        |         |
| 20 CM1. 8a       | 663         | 5. 4        | 0. 4        |         |
| 20 CM1. 8a       | 663         | 5. 4        | 0. 4        |         |
| 106 10GD48-38    | 664         | 7. 66       | 0. 29       |         |
| 18 CNG2-anu-zrn- | 664. 348546 | 6. 7931808  | 0. 57026735 |         |
| 18 CNG2-anu-zrn- | 664. 348546 | 6. 7931808  | 0. 57026735 |         |
| 18 CNG2-anu-zrn- | 664. 700328 | 8. 07861887 | 0. 57876013 |         |
| 18 CNG2-anu-zrn- | 664. 700328 | 8. 07861887 | 0. 57876013 |         |
| 106 10GD48-52    | 665         | 5. 1        | 0. 18       |         |
| 19 08LL07 62     | 666         | 2. 97       | 0. 53       |         |
| 19 08LL07 62     | 666         | 2. 97       | 0. 53       |         |
| 119              | 23. 1       | 666         | 5           | 0. 3297 |
| 119              | 61. 1       | 666         | 7           | 0. 3905 |
| 18 NIL-anu-zrn-l | 666. 208419 | 7. 0440666  | 0. 55200858 |         |
| 18 NIL-anu-zrn-l | 666. 208419 | 7. 0440666  | 0. 55200858 |         |
| 18 NIL-anu-zrn-l | 666. 534837 | 6. 20912651 | 0. 91191385 |         |
| 18 NIL-anu-zrn-l | 666. 534837 | 6. 20912651 | 0. 91191385 |         |
| 18 NIL-anu-zrn-l | 666. 672026 | 4. 78022362 | 0. 58349155 |         |
| 18 NIL-anu-zrn-l | 666. 672026 | 4. 78022362 | 0. 58349155 |         |
| 106 10GD48-109   | 667         | 6. 53       | 0. 29       |         |
| 18 NGR1-anu-zrn- | 667. 295822 | 7. 25848257 | 0. 61673582 |         |
| 18 NGR1-anu-zrn- | 667. 295822 | 7. 25848257 | 0. 61673582 |         |
| 106 10GD48-54    | 668         | 9. 49       | 0. 32       |         |
| 120 EW3-5        | 668         | 5. 77       | 0. 37       |         |
| 19 08LL06 39     | 670         | 4. 91       | 0. 47       |         |
| 19 08LL06 39     | 670         | 4. 91       | 0. 47       |         |
| 10 2641-41       | 672         | 8. 6        | 0. 6        |         |
| 10 2641-41       | 672         | 8. 6        | 0. 6        |         |
| 18 CNG2-anu-zrn- | 672. 382706 | 8. 34906691 | 0. 56167374 |         |
| 18 CNG2-anu-zrn- | 672. 382706 | 8. 34906691 | 0. 56167374 |         |
| 18 CNG2-anu-zrn- | 672. 68742  | 5. 06367359 | 0. 56793799 |         |

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| 18 CNG2-anu-zrn- | 672.68742  | 5.06367359 | 0.56793799 |
| 18 NIL-anu-zrn-l | 672.982799 | 6.46103611 | 0.93679939 |
| 18 NIL-anu-zrn-l | 672.982799 | 6.46103611 | 0.93679939 |
| 106 10GD49-113   | 673        | 7.07       | 0.31       |
| 120 EW5-11       | 674        | 6.25       | 0.4        |
| 47 PMOG-233_33-t | 675        | 4.7        | 0.3        |
| 47 PMOG-233_33-t | 675        | 4.7        | 0.3        |
| 10 1746-20a      | 676        | 7.3        | 0.6        |
| 10 1746-20a      | 676        | 7.3        | 0.6        |
| 20 BB6.24        | 676        | 5.4        | 0.4        |
| 20 BB6.24        | 676        | 5.4        | 0.4        |
| 20 BB6.24        | 676        | 5.4        | 0.4        |
| 106 10GD49-64    | 676        | 6.25       | 0.2        |
| 116 DA13-083-62  | 677        | 5.38       | 0.35       |
| 116 DA13-083-54  | 677        | 5.63       | 0.32       |
| 116 DA13-083-70  | 677        | 6.05       | 0.29       |
| 116 DA13-083-69  | 677        | 6.29       | 0.31       |
| 116 DA13-083-74  | 677        | 6.38       | 0.29       |
| 18 NIL-anu-zrn-l | 677.811578 | 6.10402454 | 0.55124167 |
| 18 NIL-anu-zrn-l | 677.811578 | 6.10402454 | 0.55124167 |
| 19 08LL06 20     | 678        | 3.43       | 0.45       |
| 19 08LL06 20     | 678        | 3.43       | 0.45       |
| 106 10GD49-5     | 679        | 6.43       | 0.4        |
| 119 57.1         | 679        | 7.2741     | 0.4115     |
| 56 WP13 200P     | 680        | 6.56       |            |
| 56 WP13 200P     | 680        | 6.56       |            |
| 19 08LL07 39     | 684        | 5.09       | 0.38       |
| 19 08LL07 39     | 684        | 5.09       | 0.38       |
| 37 07SC65@92     | 685        | 6.3        | 0.39       |
| 37 07SC65@92     | 685        | 6.3        | 0.39       |
| 18 NIL-anu-zrn-l | 685.115052 | 6.52747103 | 0.54761305 |
| 18 NIL-anu-zrn-l | 685.115052 | 6.52747103 | 0.54761305 |
| 18 CNG2-anu-zrn- | 685.673873 | 8.74672469 | 0.56247265 |
| 18 CNG2-anu-zrn- | 685.673873 | 8.74672469 | 0.56247265 |
| 56 STEWARTS 2, : | 686        | 6.8        |            |
| 56 STEWARTS 2, : | 686        | 6.8        |            |
| 20 BB1.27        | 688        | 9.1        | 0.4        |
| 20 BB1.27        | 688        | 9.1        | 0.4        |
| 20 BB1.27        | 688        | 9.1        | 0.4        |
| 18 CNG2-anu-zrn- | 688.24458  | 5.96846593 | 0.5515715  |
| 18 CNG2-anu-zrn- | 688.24458  | 5.96846593 | 0.5515715  |
| 18 NIL-anu-zrn-l | 688.899222 | 7.61343874 | 0.5715732  |
| 18 NIL-anu-zrn-l | 688.899222 | 7.61343874 | 0.5715732  |
| 18 NIL-anu-zrn-l | 690.953702 | 5.43992225 | 0.55458046 |
| 18 NIL-anu-zrn-l | 690.953702 | 5.43992225 | 0.55458046 |

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| 120 EW-1-5       | 693        | 5.01       | 0.36       |
| 106 10GD49-99    | 695        | 5.77       | 0.22       |
| 19 08LL06 46     | 696        | 4.59       | 0.24       |
| 19 08LL06 46     | 696        | 4.59       | 0.24       |
| 19 08LL07 56     | 697        | 3.39       | 0.43       |
| 19 08LL07 56     | 697        | 3.39       | 0.43       |
| 19 08LL07 61     | 697        | 5.69       | 0.34       |
| 19 08LL07 61     | 697        | 5.69       | 0.34       |
| 20 KK1. 9a       | 697        | 7.5        | 0.4        |
| 20 KK1. 9a       | 697        | 7.5        | 0.4        |
| 20 KK1. 9a       | 697        | 7.5        | 0.4        |
| 106 10GD49-34    | 697        | 7.86       | 0.34       |
| 18 NIL-anu-zrn-l | 697.348054 | 7.29980518 | 0.57734585 |
| 18 NIL-anu-zrn-l | 697.348054 | 7.29980518 | 0.57734585 |
| 18 NIL-anu-zrn-l | 697.418298 | 5.78340238 | 0.54696772 |
| 18 NIL-anu-zrn-l | 697.418298 | 5.78340238 | 0.54696772 |
| 18 NIL-anu-zrn-l | 697.948351 | 7.39240483 | 0.5846692  |
| 18 NIL-anu-zrn-l | 697.948351 | 7.39240483 | 0.5846692  |
| 19 08LL07 33     | 698        | 4.12       | 0.22       |
| 19 08LL07 33     | 698        | 4.12       | 0.22       |
| 18 NGR1-anu-zrn- | 698.19252  | 5.83834029 | 0.61062666 |
| 18 NGR1-anu-zrn- | 698.19252  | 5.83834029 | 0.61062666 |
| 106 10GD49-88    | 699        | 7.51       | 0.33       |
| 10 1746-20b      | 701        | 7.2        | 0.6        |
| 10 1746-20b      | 701        | 7.2        | 0.6        |
| 121 11           | 701        | 9.85       | 0.26       |
| 18 CNG2-anu-zrn- | 701.514377 | 2.67775227 | 0.59039863 |
| 18 CNG2-anu-zrn- | 701.514377 | 2.67775227 | 0.59039863 |
| 18 NIL-anu-zrn-l | 702.584404 | 5.21367578 | 0.92849015 |
| 18 NIL-anu-zrn-l | 702.584404 | 5.21367578 | 0.92849015 |
| 19 08LL04 5      | 703        | 2.21       | 0.51       |
| 19 08LL04 5      | 703        | 2.21       | 0.51       |
| 18 CNG2-anu-zrn- | 704.187641 | 6.49480692 | 0.57833788 |
| 18 CNG2-anu-zrn- | 704.187641 | 6.49480692 | 0.57833788 |
| 106 10GD49-73    | 705        | 7          | 0.22       |
| 122 n4733-08     | 705.8      | 8.34       | 0.15       |
| 61 08SC11-12     | 707        | 6.7        | 0.21       |
| 61 08SC11-12     | 707        | 6.7        | 0.21       |
| 18 NIL-anu-zrn-l | 707.19933  | 6.71509285 | 0.58001482 |
| 18 NIL-anu-zrn-l | 707.19933  | 6.71509285 | 0.58001482 |
| 119 28.1         | 709        | 7          | 0.403      |
| 18 ZMB2-anu-zrn- | 709.636465 | 4.07700343 | 0.59700308 |
| 18 ZMB2-anu-zrn- | 709.636465 | 4.07700343 | 0.59700308 |
| 19 08LL07 9      | 710        | 5.88       | 0.32       |
| 19 08LL07 9      | 710        | 5.88       | 0.32       |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 18 ZMB2-anu-zrn- | 710.986301 | 4.42248766 | 0.55346354 |
| 18 ZMB2-anu-zrn- | 710.986301 | 4.42248766 | 0.55346354 |
| 19 08LL06 51     | 711        | 4.1        | 0.25       |
| 19 08LL06 51     | 711        | 4.1        | 0.25       |
| 18 NIL-anu-zrn-l | 711.111808 | 6.32892842 | 0.55863192 |
| 18 NIL-anu-zrn-l | 711.111808 | 6.32892842 | 0.55863192 |
| 19 08LL07 55     | 713        | 6.25       | 0.38       |
| 19 08LL07 55     | 713        | 6.25       | 0.38       |
| 19 08LL04 15     | 714        | 4.79       | 0.36       |
| 19 08LL04 15     | 714        | 4.79       | 0.36       |
| 119              | 13.1       | 714        | 8.2948     |
| 119              | 68.1       | 715        | 6          |
| 119              | 30.1       | 715        | 6          |
| 20 HV1.27        | 716        | 5.1        | 0.3        |
| 20 HV1.27        | 716        | 5.1        | 0.3        |
| 20 HV1.27        | 716        | 5.1        | 0.3        |
| 47 PMOG_P-20.1   | 716        | 7.5        | 0.6        |
| 47 PMOG_P-20.1   | 716        | 7.5        | 0.6        |
| 19 08LL06 56     | 717        | 5.03       | 0.26       |
| 19 08LL06 56     | 717        | 5.03       | 0.26       |
| 106 10GD48-113   | 718        | 6.47       | 0.24       |
| 18 ORG2-anu-zrn- | 718.303235 | 6.82334761 | 0.55675694 |
| 18 ORG2-anu-zrn- | 718.303235 | 6.82334761 | 0.55675694 |
| 18 NIL-anu-zrn-l | 718.3886   | 7.55973062 | 0.56017305 |
| 18 NIL-anu-zrn-l | 718.3886   | 7.55973062 | 0.56017305 |
| 61 08SC11-8      | 719        | 5.6        | 0.29       |
| 61 08SC11-8      | 719        | 5.6        | 0.29       |
| 106 10GD48-45    | 719        | 10.47      | 0.19       |
| 61 08SC31-2      | 720        | 2.6        | 0.22       |
| 61 08SC31-2      | 720        | 2.6        | 0.22       |
| 18 ORG2-anu-zrn- | 720.222435 | 9.97954918 | 0.54667446 |
| 18 ORG2-anu-zrn- | 720.222435 | 9.97954918 | 0.54667446 |
| 18 ORG2-anu-zrn- | 722.250153 | 1.4139621  | 0.73663203 |
| 18 ORG2-anu-zrn- | 722.250153 | 1.4139621  | 0.73663203 |
| 61 08SC31-9      | 724        | 6          | 0.19       |
| 61 08SC31-9      | 724        | 6          | 0.19       |
| 18 NIL-anu-zrn-l | 724.70632  | 5.69491458 | 0.55133329 |
| 18 NIL-anu-zrn-l | 724.70632  | 5.69491458 | 0.55133329 |
| 19 08LL05 5      | 726        | 4.04       | 0.4        |
| 19 08LL05 5      | 726        | 4.04       | 0.4        |
| 19 08LL04 29     | 726        | 4.26       | 0.24       |
| 19 08LL04 29     | 726        | 4.26       | 0.24       |
| 18 NIL-anu-zrn-l | 726.043754 | 5.05258849 | 0.57131513 |
| 18 NIL-anu-zrn-l | 726.043754 | 5.05258849 | 0.57131513 |
| 10 2641-32       | 727        | 8.4        | 0.5        |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 10 2641-32       | 727        | 8.4        | 0.5        |
| 19 08LL06 28     | 727        | 4.2        | 0.35       |
| 19 08LL06 28     | 727        | 4.2        | 0.35       |
| 119 33.1         | 727        | 6          | 0.4864     |
| 18 NIL-anu-zrn-l | 727.063034 | 6.15917671 | 0.57503567 |
| 18 NIL-anu-zrn-l | 727.063034 | 6.15917671 | 0.57503567 |
| 10 1746-60       | 728        | 8          | 0.5        |
| 10 1746-60       | 728        | 8          | 0.5        |
| 19 08LL04 50     | 728        | 5.27       | 0.28       |
| 19 08LL04 50     | 728        | 5.27       | 0.28       |
| 119 35.1         | 728        | 8          | 0.3395     |
| 19 08LL06 37     | 730        | 3.98       | 0.4        |
| 19 08LL06 37     | 730        | 3.98       | 0.4        |
| 61 08SC74-3      | 730        | 4.1        | 0.18       |
| 61 08SC74-3      | 730        | 4.1        | 0.18       |
| 18 NIL-anu-zrn-l | 730.835603 | 4.88108946 | 0.55380354 |
| 18 NIL-anu-zrn-l | 730.835603 | 4.88108946 | 0.55380354 |
| 10 1746-62       | 731        | 8.4        | 0.5        |
| 10 1746-62       | 731        | 8.4        | 0.5        |
| 19 08LL04 58     | 734        | 4.28       | 0.24       |
| 19 08LL04 58     | 734        | 4.28       | 0.24       |
| 119 30.1         | 734        | 6.1215     | 0.4838     |
| 18 ZMB2-anu-zrn- | 734.338443 | 4.8143183  | 0.5585259  |
| 18 ZMB2-anu-zrn- | 734.338443 | 4.8143183  | 0.5585259  |
| 18 NIL-anu-zrn-l | 734.606764 | 7.02436433 | 0.55129158 |
| 18 NIL-anu-zrn-l | 734.606764 | 7.02436433 | 0.55129158 |
| 19 08LL07 18     | 735        | 5.74       | 0.32       |
| 19 08LL07 18     | 735        | 5.74       | 0.32       |
| 47 PMOG-441_41-  | 735        | 7.3        | 0.3        |
| 47 PMOG-441_41-  | 735        | 7.3        | 0.3        |
| 61 08SC74-159    | 735        | 4.1        | 0.28       |
| 61 08SC74-159    | 735        | 4.1        | 0.28       |
| 61 08SC74-147    | 735        | 4.4        | 0.2        |
| 61 08SC74-147    | 735        | 4.4        | 0.2        |
| 61 08SC74-100    | 737        | 4.4        | 0.2        |
| 61 08SC74-100    | 737        | 4.4        | 0.2        |
| 19 08LL06 12     | 738        | 3.85       | 0.35       |
| 19 08LL06 12     | 738        | 3.85       | 0.35       |
| 75 13            | 739        | 5.43       | 0.41       |
| 18 CNG2-anu-zrn- | 739.516918 | 6.09504645 | 0.56483824 |
| 18 CNG2-anu-zrn- | 739.516918 | 6.09504645 | 0.56483824 |
| 19 08LL07 59     | 740        | 4.02       | 0.32       |
| 19 08LL07 59     | 740        | 4.02       | 0.32       |
| 19 08LL07 60     | 740        | 4.04       | 0.43       |
| 19 08LL07 60     | 740        | 4.04       | 0.43       |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 61 08SC74-21     | 740        | 7.2        | 0.22       |
| 61 08SC74-21     | 740        | 7.2        | 0.22       |
| 66 YE-16         | 740        | 6.68       | 0.1        |
| 66 YE-24         | 740        | 7.23       | 0.1        |
| 47 PMOG_P-30.1   | 741        | 6          | 0.6        |
| 47 PMOG_P-30.1   | 741        | 6          | 0.6        |
| 61 08SC11-28     | 741        | 3.8        | 0.34       |
| 61 08SC11-28     | 741        | 3.8        | 0.34       |
| 18 NIL-anu-zrn-l | 741.357822 | 6.70730585 | 0.66963461 |
| 18 NIL-anu-zrn-l | 741.357822 | 6.70730585 | 0.66963461 |
| 18 NIL-anu-zrn-l | 741.693846 | 5.83635119 | 0.55541682 |
| 18 NIL-anu-zrn-l | 741.693846 | 5.83635119 | 0.55541682 |
| 19 08LL06 40     | 743        | 3.48       | 0.25       |
| 19 08LL06 40     | 743        | 3.48       | 0.25       |
| 10 2436-59       | 744        | 7.9        | 0.4        |
| 10 2436-59       | 744        | 7.9        | 0.4        |
| 47 PMOG_P-48.1   | 744        | 9.1        | 0.6        |
| 47 PMOG_P-48.1   | 744        | 9.1        | 0.6        |
| 61 08SC74-168    | 745        | 5.5        | 0.2        |
| 61 08SC74-168    | 745        | 5.5        | 0.2        |
| 18 NIL-anu-zrn-l | 745.747828 | 6.42805607 | 0.55100667 |
| 18 NIL-anu-zrn-l | 745.747828 | 6.42805607 | 0.55100667 |
| 18 ZMB2-anu-zrn- | 745.8087   | 6.30455157 | 0.57012977 |
| 18 ZMB2-anu-zrn- | 745.8087   | 6.30455157 | 0.57012977 |
| 10 1746-01       | 746        | 7.5        | 0.8        |
| 10 1746-01       | 746        | 7.5        | 0.8        |
| 121 4            | 747        | 5.06       | 0.28       |
| 18 ORG2-anu-zrn- | 747.57512  | 6.96796392 | 0.56240447 |
| 18 ORG2-anu-zrn- | 747.57512  | 6.96796392 | 0.56240447 |
| 56 RE90-7        | 748        | 5.82       |            |
| 56 RE90-7        | 748        | 5.82       |            |
| 61 08SC11-53     | 748        | 2.6        | 0.3        |
| 61 08SC11-53     | 748        | 2.6        | 0.3        |
| 61 08SC74-18     | 748        | 6.6        | 0.21       |
| 61 08SC74-18     | 748        | 6.6        | 0.21       |
| 119 12.1         | 748        | 7          | 0.2832     |
| 10 2436-45b      | 749        | 11.6       | 0.3        |
| 10 2436-45b      | 749        | 11.6       | 0.3        |
| 61 08SC74-110    | 749        | 5.5        | 0.18       |
| 61 08SC74-110    | 749        | 5.5        | 0.18       |
| 106 10GD48-70    | 749        | 6.97       | 0.25       |
| 18 NIL-anu-zrn-l | 749.916101 | 5.13548364 | 0.58695028 |
| 18 NIL-anu-zrn-l | 749.916101 | 5.13548364 | 0.58695028 |
| 61 08SC11-7      | 750        | 3          | 0.2        |
| 61 08SC11-7      | 750        | 3          | 0.2        |



|                  |            |            |            |
|------------------|------------|------------|------------|
| 61 08SC31-3      | 750        | 3.5        | 0.2        |
| 61 08SC31-3      | 750        | 3.5        | 0.2        |
| 61 08SC11-46     | 750        | 4.8        | 0.22       |
| 61 08SC11-46     | 750        | 4.8        | 0.22       |
| 64 01MC01        | 750        | 5.28       |            |
| 64 01MC01        | 750        | 5.28       |            |
| 19 08LL06 35     | 751        | 3.3        | 0.38       |
| 19 08LL06 35     | 751        | 3.3        | 0.38       |
| 106 10GD48-72    | 751        | 7.15       | 0.36       |
| 47 PMOG_P-61.1   | 753        | 7          | 0.6        |
| 47 PMOG_P-61.1   | 753        | 7          | 0.6        |
| 61 08SC74-57     | 753        | 5.9        | 0.31       |
| 61 08SC74-57     | 753        | 5.9        | 0.31       |
| 18 NIL-anu-zrn-l | 753.413808 | 4.48222041 | 0.55834171 |
| 18 NIL-anu-zrn-l | 753.413808 | 4.48222041 | 0.55834171 |
| 61 08SC11-32     | 754        | 5.5        | 0.24       |
| 61 08SC11-32     | 754        | 5.5        | 0.24       |
| 121 18           | 754        | 6.82       | 0.25       |
| 47 PMOG_P-42.1   | 755        | 8.1        | 0.6        |
| 47 PMOG_P-42.1   | 755        | 8.1        | 0.6        |
| 61 08SC74-84     | 755        | 5.8        | 0.25       |
| 61 08SC74-84     | 755        | 5.8        | 0.25       |
| 61 08SC74-24     | 755        | 6.2        | 0.22       |
| 61 08SC74-24     | 755        | 6.2        | 0.22       |
| 18 NIL-anu-zrn-l | 755.076849 | 5.6147075  | 0.57779415 |
| 18 NIL-anu-zrn-l | 755.076849 | 5.6147075  | 0.57779415 |
| 61 08SC11-9      | 756        | 2.3        | 0.21       |
| 61 08SC11-9      | 756        | 2.3        | 0.21       |
| 61 08SC74-71     | 756        | 4.9        | 0.17       |
| 61 08SC74-71     | 756        | 4.9        | 0.17       |
| 61 08SC31-18     | 756        | 7.5        | 0.28       |
| 61 08SC31-18     | 756        | 7.5        | 0.28       |
| 61 08SC74-14     | 758        | 6.1        | 0.16       |
| 61 08SC74-14     | 758        | 6.1        | 0.16       |
| 116 DA13-020-32  | 758        | 2.96       | 0.25       |
| 116 DA13-020-03  | 758        | 2.98       | 0.28       |
| 116 DA13-020-44  | 758        | 3.88       | 0.3        |
| 116 DA13-020-16  | 758        | 4.58       | 0.25       |
| 116 DA13-020-35  | 758        | 4.67       | 0.25       |
| 116 DA13-020-10  | 758        | 4.71       | 0.24       |
| 116 DA13-020-07  | 758        | 5.12       | 0.28       |
| 116 DA13-020-26  | 758        | 5.19       | 0.24       |
| 116 DA13-020-31  | 758        | 5.3        | 0.25       |
| 116 DA13-020-40  | 758        | 5.36       | 0.28       |
| 116 DA13-020-20  | 758        | 5.73       | 0.28       |

|                  |            |            |            |
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| 116 DA13-020-37  | 758        | 6.02       | 0.31       |
| 116 DA13-020-02  | 758        | 6.12       | 0.28       |
| 116 DA13-020-43  | 758        | 6.22       | 0.3        |
| 47 PMOG_P-41.1   | 759        | 9.1        | 0.6        |
| 47 PMOG_P-41.1   | 759        | 9.1        | 0.6        |
| 61 08SC74-77     | 759        | 5.7        | 0.26       |
| 61 08SC74-77     | 759        | 5.7        | 0.26       |
| 119 33.1         | 759        | 9          | 0.4531     |
| 47 PMOG_P-28.1   | 760        | 9.5        | 0.7        |
| 47 PMOG_P-28.1   | 760        | 9.5        | 0.7        |
| 61 08SC11-18     | 760        | 2.8        | 0.23       |
| 61 08SC11-18     | 760        | 2.8        | 0.23       |
| 61 08SC31-12     | 760        | 3.5        | 0.17       |
| 61 08SC31-12     | 760        | 3.5        | 0.17       |
| 61 08SC74-137    | 760        | 4.4        | 0.22       |
| 61 08SC74-137    | 760        | 4.4        | 0.22       |
| 61 08SC11-69     | 760        | 4.9        | 0.3        |
| 61 08SC11-69     | 760        | 4.9        | 0.3        |
| 61 08SC74-27     | 760        | 6.6        | 0.28       |
| 61 08SC74-27     | 760        | 6.6        | 0.28       |
| 47 PMOG_P-35.1   | 762        | 7.5        | 0.7        |
| 47 PMOG_P-35.1   | 762        | 7.5        | 0.7        |
| 61 08SC11-47     | 762        | 4.2        | 0.23       |
| 61 08SC11-47     | 762        | 4.2        | 0.23       |
| 61 08SC74-41     | 762        | 4.2        | 0.25       |
| 61 08SC74-41     | 762        | 4.2        | 0.25       |
| 61 08SC74-6      | 762        | 4.5        | 0.16       |
| 61 08SC74-6      | 762        | 4.5        | 0.16       |
| 61 08SC11-49     | 762        | 5.2        | 0.23       |
| 61 08SC11-49     | 762        | 5.2        | 0.23       |
| 61 08SC74-63     | 762        | 5.2        | 0.26       |
| 61 08SC74-63     | 762        | 5.2        | 0.26       |
| 61 08SC74-25     | 762        | 6.8        | 0.25       |
| 61 08SC74-25     | 762        | 6.8        | 0.25       |
| 47 PMOG_P-34.1   | 763        | 6.9        | 0.6        |
| 47 PMOG_P-34.1   | 763        | 6.9        | 0.6        |
| 61 08SC74-88     | 763        | 4.4        | 0.24       |
| 61 08SC74-88     | 763        | 4.4        | 0.24       |
| 61 08SC31-23     | 763        | 6.7        | 0.26       |
| 61 08SC31-23     | 763        | 6.7        | 0.26       |
| 61 08SC74-17     | 763        | 7.1        | 0.19       |
| 61 08SC74-17     | 763        | 7.1        | 0.19       |
| 18 NIL-anu-zrn-l | 763.025467 | 6.20372551 | 0.94158979 |
| 18 NIL-anu-zrn-l | 763.025467 | 6.20372551 | 0.94158979 |
| 61 08SC11-21     | 764        | 4.1        | 0.35       |

|                   |       |      |        |
|-------------------|-------|------|--------|
| 61 08SC11-21      | 764   | 4.1  | 0.35   |
| 116 BGS-TK64A-06  | 764   | 3.98 | 0.17   |
| 116 BGS-TK64A-18  | 764   | 4.99 | 0.15   |
| 116 BGS-TK64A-13  | 764   | 5.05 | 0.16   |
| 116 BGS-TK64A-07  | 764   | 5.4  | 0.16   |
| 116 BGS-TK64A-12  | 764   | 5.55 | 0.17   |
| 116 BGS-TK64A-16  | 764   | 5.75 | 0.17   |
| 116 BGS-TK64A-14  | 764   | 6.04 | 0.15   |
| 61 08SC11-68      | 765   | 3.4  | 0.26   |
| 61 08SC11-68      | 765   | 3.4  | 0.26   |
| 61 08SC74-22      | 765   | 5.5  | 0.3    |
| 61 08SC74-22      | 765   | 5.5  | 0.3    |
| 119 17.1          | 765   | 7    | 0.3231 |
| 122 n4733-19      | 765.8 | 7.87 | 0.14   |
| 47 PMOG_P-49.1    | 766   | 7.6  | 0.7    |
| 47 PMOG_P-49.1    | 766   | 7.6  | 0.7    |
| 61 08SC74-164     | 766   | 3.3  | 0.19   |
| 61 08SC74-164     | 766   | 3.3  | 0.19   |
| 61 08SC74-107     | 766   | 4.4  | 0.22   |
| 61 08SC74-107     | 766   | 4.4  | 0.22   |
| 61 08SC74-60      | 766   | 4.8  | 0.23   |
| 61 08SC74-60      | 766   | 4.8  | 0.23   |
| 121 16            | 766   | 7.89 | 0.26   |
| 47 PMOG-441_41-4  | 767   | 7.9  | 0.3    |
| 47 PMOG-441_41-4  | 767   | 7.9  | 0.3    |
| 61 08SC31-5       | 767   | 2.9  | 0.29   |
| 61 08SC31-5       | 767   | 2.9  | 0.29   |
| 47 PMOG-441_41-4  | 768   | 8.9  | 0.3    |
| 47 PMOG-441_41-4  | 768   | 8.9  | 0.3    |
| 61 08SC74-75      | 768   | 6.2  | 0.18   |
| 61 08SC74-75      | 768   | 6.2  | 0.18   |
| 116 BGS-RT07-32-0 | 768   | 6.39 | 0.38   |
| 61 08SC11-70      | 769   | 3.8  | 0.29   |
| 61 08SC11-70      | 769   | 3.8  | 0.29   |
| 9 09DB100 3       | 770   | 5.7  | 0.2    |
| 9 09DB100 3       | 770   | 5.7  | 0.2    |
| 61 08SC31-24      | 770   | 2.4  | 0.33   |
| 61 08SC31-24      | 770   | 2.4  | 0.33   |
| 61 08SC11-64      | 770   | 5.4  | 0.24   |
| 61 08SC11-64      | 770   | 5.4  | 0.24   |
| 61 08SC31-1       | 770   | 5.8  | 0.16   |
| 61 08SC31-1       | 770   | 5.8  | 0.16   |
| 116 DA14-140-04   | 770   | 5.7  | 0.54   |
| 116 DA14-140-12   | 770   | 6.6  | 0.56   |
| 116 DA14-140-30   | 770   | 7.12 | 0.54   |

|                   |            |            |            |     |
|-------------------|------------|------------|------------|-----|
| 116 DA14-140-06   | 770        | 7.13       | 0.52       |     |
| 116 DA14-140-29   | 770        | 7.52       | 0.54       |     |
| 116 DA14-140-17   | 770        | 7.75       | 0.52       |     |
| 116 DA14-140-19   | 770        | 10.16      | 0.54       |     |
| 116 DA14-140-16   | 770        | 10.24      | 0.55       |     |
| 61 08SC74-48      | 771        | 5.6        | 0.19       |     |
| 61 08SC74-48      | 771        | 5.6        | 0.19       |     |
| 18 ZMB2-anu-zrn-  | 771.962495 | 4.89043169 | 0.5624039  |     |
| 18 ZMB2-anu-zrn-  | 771.962495 | 4.89043169 | 0.5624039  |     |
| 19 08LL06 38      | 772        | 4.7        | 0.34       |     |
| 19 08LL06 38      | 772        | 4.7        | 0.34       |     |
| 61 08SC31-10      | 772        | 2.5        | 0.19       |     |
| 61 08SC31-10      | 772        | 2.5        | 0.19       |     |
| 61 08SC11-57      | 772        | 3.7        | 0.31       |     |
| 61 08SC11-57      | 772        | 3.7        | 0.31       |     |
| 61 08SC11-5       | 772        | 4.3        | 0.21       |     |
| 61 08SC11-5       | 772        | 4.3        | 0.21       |     |
| 75                | 8          | 772        | 10.68      | 0.3 |
| 106 10GD48-79     | 772        | 8.95       | 0.27       |     |
| 18 NIL-anu-zrn-l  | 772.31149  | 6.89992482 | 0.56753864 |     |
| 18 NIL-anu-zrn-l  | 772.31149  | 6.89992482 | 0.56753864 |     |
| 61 08SC31-11      | 773        | 2.3        | 0.25       |     |
| 61 08SC31-11      | 773        | 2.3        | 0.25       |     |
| 61 08SC31-15      | 773        | 3          | 0.22       |     |
| 61 08SC31-15      | 773        | 3          | 0.22       |     |
| 61 08SC74-39      | 773        | 6.1        | 0.22       |     |
| 61 08SC74-39      | 773        | 6.1        | 0.22       |     |
| 61 08SC07-47      | 773        | 6.1        | 0.26       |     |
| 61 08SC07-47      | 773        | 6.1        | 0.26       |     |
| 61 08SC11-20      | 774        | 2.1        | 0.2        |     |
| 61 08SC11-20      | 774        | 2.1        | 0.2        |     |
| 61 08SC31-7       | 774        | 2.1        | 0.25       |     |
| 61 08SC31-7       | 774        | 2.1        | 0.25       |     |
| 61 08SC31-6       | 774        | 3.1        | 0.2        |     |
| 61 08SC31-6       | 774        | 3.1        | 0.2        |     |
| 106 10GD48-110    | 774        | 6.79       | 0.26       |     |
| 116 BGS-WB1451-1' | 774        | 1.69       | 0.13       |     |
| 116 BGS-WB1451-18 | 774        | 3.87       | 0.15       |     |
| 116 BGS-WB1451-04 | 774        | 3.9        | 0.14       |     |
| 116 BGS-WB1451-15 | 774        | 3.95       | 0.17       |     |
| 116 BGS-WB1451-11 | 774        | 4.58       | 0.14       |     |
| 116 BGS-WB1451-09 | 774        | 5.2        | 0.14       |     |
| 116 DA14-146-07   | 774        | 5.7        | 0.53       |     |
| 116 DA14-146-24   | 774        | 6.37       | 0.54       |     |
| 116 DA14-146-03   | 774        | 6.45       | 0.55       |     |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 116 DA14-146-04  | 774        | 6.47       | 0.57       |
| 116 DA14-146-14  | 774        | 7.08       | 0.52       |
| 116 DA14-146-10  | 774        | 7.33       | 0.55       |
| 116 DA14-146-15  | 774        | 7.45       | 0.54       |
| 119 51.1         | 774        | 8          | 0.5557     |
| 18 ZMB2-anu-zrn- | 775.515803 | 4.02751016 | 0.55798595 |
| 18 ZMB2-anu-zrn- | 775.515803 | 4.02751016 | 0.55798595 |
| 61 08SC74-54     | 776        | 4.7        | 0.21       |
| 61 08SC74-54     | 776        | 4.7        | 0.21       |
| 61 08SC11-55     | 776        | 4.8        | 0.32       |
| 61 08SC11-55     | 776        | 4.8        | 0.32       |
| 122 n4733-29     | 776.2      | 8.86       | 0.14       |
| 47 PMOG-441_41-: | 777        | 8.6        | 0.3        |
| 47 PMOG-441_41-: | 777        | 8.6        | 0.3        |
| 47 PMOG-441_41-: | 777        | 8.9        | 0.3        |
| 47 PMOG-441_41-: | 777        | 8.9        | 0.3        |
| 61 08SC11-19     | 777        | 3.7        | 0.23       |
| 61 08SC11-19     | 777        | 3.7        | 0.23       |
| 61 08SC74-11     | 777        | 4.9        | 0.27       |
| 61 08SC74-11     | 777        | 4.9        | 0.27       |
| 61 08SC11-51     | 778        | 3.3        | 0.31       |
| 61 08SC11-51     | 778        | 3.3        | 0.31       |
| 61 08SC74-1      | 778        | 4.5        | 0.22       |
| 61 08SC74-1      | 778        | 4.5        | 0.22       |
| 61 08SC74-36     | 778        | 6.1        | 0.17       |
| 61 08SC74-36     | 778        | 6.1        | 0.17       |
| 47 PMOG-441_41-: | 779        | 5          | 0.3        |
| 47 PMOG-441_41-: | 779        | 5          | 0.3        |
| 61 08SC31-19     | 779        | 2.5        | 0.14       |
| 61 08SC31-19     | 779        | 2.5        | 0.14       |
| 61 08SC74-5      | 779        | 4.4        | 0.2        |
| 61 08SC74-5      | 779        | 4.4        | 0.2        |
| 61 08SC74-35     | 779        | 5.1        | 0.23       |
| 61 08SC74-35     | 779        | 5.1        | 0.23       |
| 61 08SC11-54     | 779        | 6.2        | 0.27       |
| 61 08SC11-54     | 779        | 6.2        | 0.27       |
| 61 08SC74-30     | 779        | 7.1        | 0.26       |
| 61 08SC74-30     | 779        | 7.1        | 0.26       |
| 61 08SC74-167    | 780        | 3.6        | 0.21       |
| 61 08SC74-167    | 780        | 3.6        | 0.21       |
| 61 08SC74-138    | 780        | 3.7        | 0.21       |
| 61 08SC74-138    | 780        | 3.7        | 0.21       |
| 61 08SC74-46     | 780        | 3.8        | 0.28       |
| 61 08SC74-46     | 780        | 3.8        | 0.28       |
| 61 08SC11-34     | 780        | 4.8        | 0.21       |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 61 08SC11-34     | 780        | 4.8        | 0.21       |
| 61 08SC74-23     | 780        | 7.3        | 0.19       |
| 61 08SC74-23     | 780        | 7.3        | 0.19       |
| 61 08SC11-48     | 780        | 10         | 0.26       |
| 61 08SC11-48     | 780        | 10         | 0.26       |
| 66 YE-8          | 780        | 6.67       | 0.1        |
| 66 YE-9          | 780        | 7.09       | 0.1        |
| 66 YE-2          | 780        | 8.03       | 0.01       |
| 66 YE-12         | 780        | 8.08       | 0.1        |
| 66 YE-21         | 780        | 8.09       | 0.02       |
| 66 YE-14         | 780        | 8.32       | 0.04       |
| 116 DA13-055-33  | 780        | 4.38       | 0.33       |
| 116 DA13-055-32  | 780        | 5.21       | 0.16       |
| 116 DA13-055-31  | 780        | 5.39       | 0.17       |
| 116 DA13-055-36  | 780        | 5.52       | 0.13       |
| 116 DA13-055-40  | 780        | 5.54       | 0.16       |
| 116 DA13-055-44  | 780        | 5.61       | 0.15       |
| 116 DA13-055-45  | 780        | 5.66       | 0.16       |
| 116 DA13-055-35  | 780        | 5.67       | 0.15       |
| 116 DA13-055-41  | 780        | 5.85       | 0.16       |
| 119 54.1         | 780        | 6          | 0.5115     |
| 19 08LL07 42     | 781        | 4.8        | 0.29       |
| 19 08LL07 42     | 781        | 4.8        | 0.29       |
| 61 08SC11-22     | 781        | 2          | 0.26       |
| 61 08SC11-22     | 781        | 2          | 0.26       |
| 61 08SC74-98     | 781        | 5.2        | 0.2        |
| 61 08SC74-98     | 781        | 5.2        | 0.2        |
| 61 08SC74-101    | 781        | 5.6        | 0.18       |
| 61 08SC74-101    | 781        | 5.6        | 0.18       |
| 61 08SC31-8      | 782        | 2.9        | 0.27       |
| 61 08SC31-8      | 782        | 2.9        | 0.27       |
| 61 08SC11-23     | 782        | 4.3        | 0.26       |
| 61 08SC11-23     | 782        | 4.3        | 0.26       |
| 61 08SC11-11     | 782        | 5.1        | 0.31       |
| 61 08SC11-11     | 782        | 5.1        | 0.31       |
| 61 08SC11-29     | 782        | 5.2        | 0.29       |
| 61 08SC11-29     | 782        | 5.2        | 0.29       |
| 61 08SC11-50     | 782        | 6.2        | 0.26       |
| 61 08SC11-50     | 782        | 6.2        | 0.26       |
| 119 9.1          | 782        | 10         | 0.5547     |
| 18 CNG2-anu-zrn- | 782.673873 | 5.84047372 | 0.56411705 |
| 18 CNG2-anu-zrn- | 782.673873 | 5.84047372 | 0.56411705 |
| 61 08SC31-4      | 783        | 2.6        | 0.16       |
| 61 08SC31-4      | 783        | 2.6        | 0.16       |
| 61 08SC11-41     | 783        | 2.7        | 0.2        |

|                 |       |      |        |
|-----------------|-------|------|--------|
| 61 08SC11-41    | 783   | 2.7  | 0.2    |
| 61 08SC11-75    | 783   | 4.7  | 0.21   |
| 61 08SC11-75    | 783   | 4.7  | 0.21   |
| 61 08SC31-21    | 784   | 2.6  | 0.21   |
| 61 08SC31-21    | 784   | 2.6  | 0.21   |
| 61 08SC11-73    | 784   | 2.8  | 0.33   |
| 61 08SC11-73    | 784   | 2.8  | 0.33   |
| 61 08SC74-170   | 784   | 2.9  | 0.2    |
| 61 08SC74-170   | 784   | 2.9  | 0.2    |
| 61 08SC74-13    | 784   | 5    | 0.2    |
| 61 08SC74-13    | 784   | 5    | 0.2    |
| 61 08SC11-77    | 785   | 2.9  | 0.25   |
| 61 08SC11-77    | 785   | 2.9  | 0.25   |
| 61 08SC11-76    | 785   | 3.3  | 0.32   |
| 61 08SC11-76    | 785   | 3.3  | 0.32   |
| 61 08SC11-66    | 785   | 3.8  | 0.24   |
| 61 08SC11-66    | 785   | 3.8  | 0.24   |
| 61 08SC74-104   | 785   | 4.2  | 0.2    |
| 61 08SC74-104   | 785   | 4.2  | 0.2    |
| 61 08SC74-47    | 785   | 5.1  | 0.25   |
| 61 08SC74-47    | 785   | 5.1  | 0.25   |
| 61 08SC74-53    | 785   | 10   | 0.2    |
| 61 08SC74-53    | 785   | 10   | 0.2    |
| 119 7.1         | 785   | 1    | 0.5217 |
| 122 n4733-7x    | 785.7 | 8.76 | 0.14   |
| 61 08SC74-82    | 786   | 3.8  | 0.17   |
| 61 08SC74-82    | 786   | 3.8  | 0.17   |
| 61 08SC74-8     | 786   | 4.6  | 0.25   |
| 61 08SC74-8     | 786   | 4.6  | 0.25   |
| 122 n4737-18    | 786.3 | 8.61 | 0.16   |
| 19 08LL07 30    | 787   | 6.28 | 0.2    |
| 19 08LL07 30    | 787   | 6.28 | 0.2    |
| 37 07SC65@62    | 787   | 6.02 | 0.51   |
| 37 07SC65@62    | 787   | 6.02 | 0.51   |
| 47 PMOG-441_41- | 787   | 7.7  | 0.3    |
| 47 PMOG-441_41- | 787   | 7.7  | 0.3    |
| 61 08SC11-24    | 788   | 2.2  | 0.26   |
| 61 08SC11-24    | 788   | 2.2  | 0.26   |
| 61 08SC11-80    | 788   | 4.3  | 0.15   |
| 61 08SC11-80    | 788   | 4.3  | 0.15   |
| 122 n4737-17    | 788.3 | 8.14 | 0.14   |
| 10 2436-08      | 789   | 6.9  | 0.4    |
| 10 2436-08      | 789   | 6.9  | 0.4    |
| 61 08SC74-42    | 789   | 4.6  | 0.19   |
| 61 08SC74-42    | 789   | 4.6  | 0.19   |

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| 61 08SC74-61     | 789   | 4.8  | 0.18 |
| 61 08SC74-61     | 789   | 4.8  | 0.18 |
| 61 08SC74-34     | 789   | 4.8  | 0.2  |
| 61 08SC74-34     | 789   | 4.8  | 0.2  |
| 61 08SC07-28     | 789   | 6.1  | 0.23 |
| 61 08SC07-28     | 789   | 6.1  | 0.23 |
| 61 08SC74-44     | 789   | 8.6  | 0.25 |
| 61 08SC74-44     | 789   | 8.6  | 0.25 |
| 61 08SC74-49     | 789   | 9.7  | 0.24 |
| 61 08SC74-49     | 789   | 9.7  | 0.24 |
| 106 10GD48-102   | 789   | 7.05 | 0.33 |
| 122 n4733-25     | 790.4 | 9.02 | 0.16 |
| 61 08SC11-45     | 791   | 5.8  | 0.16 |
| 61 08SC11-45     | 791   | 5.8  | 0.16 |
| 61 08SC11-42     | 791   | 5.8  | 0.23 |
| 61 08SC11-42     | 791   | 5.8  | 0.23 |
| 106 10GD48-104   | 791   | 7.58 | 0.26 |
| 106 10GD48-97    | 791   | 9.84 | 0.25 |
| 116 DA13-065-13  | 791   | 4.61 | 0.13 |
| 116 DA13-065-21  | 791   | 4.69 | 0.19 |
| 116 DA13-065-16  | 791   | 4.93 | 0.15 |
| 116 DA13-065-23  | 791   | 5.09 | 0.16 |
| 116 DA13-065-20  | 791   | 5.33 | 0.15 |
| 61 08SC11-59     | 792   | 4.3  | 0.33 |
| 61 08SC11-59     | 792   | 4.3  | 0.33 |
| 61 08SC74-32     | 792   | 4.7  | 0.14 |
| 61 08SC74-32     | 792   | 4.7  | 0.14 |
| 61 08SC31-20     | 792   | 6.6  | 0.16 |
| 61 08SC31-20     | 792   | 6.6  | 0.16 |
| 47 PMOG_P-69.1   | 793   | 7.6  | 0.7  |
| 47 PMOG_P-69.1   | 793   | 7.6  | 0.7  |
| 61 08SC31-22     | 793   | 2.9  | 0.23 |
| 61 08SC31-22     | 793   | 2.9  | 0.23 |
| 61 08SC74-124    | 793   | 4.1  | 0.22 |
| 61 08SC74-124    | 793   | 4.1  | 0.22 |
| 61 08SC74-16     | 793   | 4.2  | 0.24 |
| 61 08SC74-16     | 793   | 4.2  | 0.24 |
| 61 08SC11-60     | 793   | 5.8  | 0.22 |
| 61 08SC11-60     | 793   | 5.8  | 0.22 |
| 116 BGS-WB005-13 | 793   | 2.75 | 0.23 |
| 116 BGS-WB005-14 | 793   | 3.64 | 0.21 |
| 116 BGS-WB005-08 | 793   | 3.65 | 0.28 |
| 116 BGS-WB005-01 | 793   | 3.66 | 0.14 |
| 116 BGS-WB005-04 | 793   | 4.04 | 0.17 |
| 116 BGS-WB005-09 | 793   | 4.11 | 0.22 |



|                  |       |      |      |
|------------------|-------|------|------|
| 61 08SC74-182    | 794   | 4.1  | 0.21 |
| 61 08SC74-182    | 794   | 4.1  | 0.21 |
| 61 08SC11-3      | 794   | 6.7  | 0.3  |
| 61 08SC11-3      | 794   | 6.7  | 0.3  |
| 122 n4737-12c    | 794.5 | 4.87 | 0.15 |
| 122 n4733-11     | 794.6 | 9.64 | 0.16 |
| 122 n4733-30     | 794.7 | 8.7  | 0.14 |
| 10 2436-52       | 795   | 6.1  | 0.3  |
| 10 2436-52       | 795   | 6.1  | 0.3  |
| 61 08SC74-9      | 795   | 3.9  | 0.17 |
| 61 08SC74-9      | 795   | 3.9  | 0.17 |
| 61 08SC74-151    | 795   | 4.2  | 0.23 |
| 61 08SC74-151    | 795   | 4.2  | 0.23 |
| 61 08SC74-69     | 795   | 5.2  | 0.2  |
| 61 08SC74-69     | 795   | 5.2  | 0.2  |
| 116 DA13-083-53  | 795   | 5.36 | 0.3  |
| 116 DA13-083-72  | 795   | 5.42 | 0.32 |
| 116 DA13-083-55  | 795   | 5.86 | 0.29 |
| 116 DA13-083-52  | 795   | 5.94 | 0.29 |
| 116 DA13-083-57  | 795   | 6.12 | 0.31 |
| 116 DA13-083-59  | 795   | 6.15 | 0.29 |
| 116 DA13-083-48  | 795   | 6.19 | 0.29 |
| 116 DA13-083-51  | 795   | 6.22 | 0.31 |
| 116 DA13-083-56  | 795   | 6.28 | 0.3  |
| 116 DA13-083-73  | 795   | 6.34 | 0.34 |
| 116 DA13-083-49  | 795   | 6.43 | 0.29 |
| 116 DA13-083-68  | 795   | 6.5  | 0.29 |
| 116 DA13-083-66  | 795   | 6.75 | 0.29 |
| 19 08LL07 7      | 796   | 5.18 | 0.34 |
| 19 08LL07 7      | 796   | 5.18 | 0.34 |
| 47 PMOG-441_41-4 | 796   | 8.3  | 0.3  |
| 47 PMOG-441_41-4 | 796   | 8.3  | 0.3  |
| 61 08SC11-25     | 796   | 2.3  | 0.19 |
| 61 08SC11-25     | 796   | 2.3  | 0.19 |
| 61 08SC74-157    | 796   | 3.4  | 0.2  |
| 61 08SC74-157    | 796   | 3.4  | 0.2  |
| 61 08SC74-130    | 796   | 4.7  | 0.23 |
| 61 08SC74-130    | 796   | 4.7  | 0.23 |
| 61 08SC11-56     | 796   | 5.2  | 0.23 |
| 61 08SC11-56     | 796   | 5.2  | 0.23 |
| 61 08SC07-34     | 796   | 5.4  | 0.19 |
| 61 08SC07-34     | 796   | 5.4  | 0.19 |
| 61 08SC11-36     | 796   | 6.4  | 0.3  |
| 61 08SC11-36     | 796   | 6.4  | 0.3  |
| 116 BGS-RK06-349 | 796   | 4.79 | 0.13 |

|                   |     |      |      |
|-------------------|-----|------|------|
| 116 BGS-RK06-349- | 796 | 5.08 | 0.17 |
| 116 BGS-RK06-349- | 796 | 5.37 | 0.16 |
| 116 BGS-RK06-349- | 796 | 5.37 | 0.17 |
| 47 PMOG_P-11.1    | 797 | 7.4  | 0.6  |
| 47 PMOG_P-11.1    | 797 | 7.4  | 0.6  |
| 61 08SC07-42      | 797 | 4.9  | 0.34 |
| 61 08SC07-42      | 797 | 4.9  | 0.34 |
| 61 08SC07-39      | 797 | 6.1  | 0.24 |
| 61 08SC07-39      | 797 | 6.1  | 0.24 |
| 61 08SC74-105     | 798 | 3.9  | 0.26 |
| 61 08SC74-105     | 798 | 3.9  | 0.26 |
| 61 08SC74-160     | 798 | 4.7  | 0.3  |
| 61 08SC74-160     | 798 | 4.7  | 0.3  |
| 61 08SC74-94      | 798 | 4.8  | 0.21 |
| 61 08SC74-94      | 798 | 4.8  | 0.21 |
| 61 08SC07-27      | 798 | 5    | 0.19 |
| 61 08SC07-27      | 798 | 5    | 0.19 |
| 61 08SC74-70      | 798 | 5.7  | 0.32 |
| 61 08SC74-70      | 798 | 5.7  | 0.32 |
| 61 08SC74-89      | 798 | 7.9  | 0.24 |
| 61 08SC74-89      | 798 | 7.9  | 0.24 |
| 116 DA13-063-15   | 798 | 1.91 | 0.2  |
| 116 DA13-063-14   | 798 | 4.2  | 0.16 |
| 116 DA13-063-08   | 798 | 4.8  | 0.15 |
| 116 DA13-063-13   | 798 | 5.25 | 0.13 |
| 116 DA13-063-07   | 798 | 5.31 | 0.17 |
| 116 DA13-063-05   | 798 | 5.36 | 0.17 |
| 116 DA13-063-11   | 798 | 5.95 | 0.15 |
| 61 08SC74-173     | 799 | 4.6  | 0.29 |
| 61 08SC74-173     | 799 | 4.6  | 0.29 |
| 61 08SC07-48      | 799 | 4.9  | 0.26 |
| 61 08SC07-48      | 799 | 4.9  | 0.26 |
| 61 08SC74-95      | 799 | 5.1  | 0.18 |
| 61 08SC74-95      | 799 | 5.1  | 0.18 |
| 106 10GD48-71     | 799 | 7.29 | 0.3  |
| 36 HF-2.9@16      | 800 | 5.3  | 0.34 |
| 36 HF-2.9@16      | 800 | 5.3  | 0.34 |
| 36 HF-2.9@32      | 800 | 5.7  | 0.25 |
| 36 HF-2.9@32      | 800 | 5.7  | 0.25 |
| 36 HF-2.9@5       | 800 | 5.98 | 0.24 |
| 36 HF-2.9@5       | 800 | 5.98 | 0.24 |
| 36 HF-2.9@14      | 800 | 6.08 | 0.28 |
| 36 HF-2.9@14      | 800 | 6.08 | 0.28 |
| 36 HF-2.9@33      | 800 | 6.1  | 0.4  |
| 36 HF-2.9@33      | 800 | 6.1  | 0.4  |

|               |     |       |       |
|---------------|-----|-------|-------|
| 36 HF-2. 9@31 | 800 | 6. 17 | 0. 3  |
| 36 HF-2. 9@31 | 800 | 6. 17 | 0. 3  |
| 36 HF-2. 9@7  | 800 | 6. 22 | 0. 31 |
| 36 HF-2. 9@7  | 800 | 6. 22 | 0. 31 |
| 36 HF-2. 9@12 | 800 | 6. 29 | 0. 37 |
| 36 HF-2. 9@12 | 800 | 6. 29 | 0. 37 |
| 36 HF-2. 9@29 | 800 | 6. 37 | 0. 21 |
| 36 HF-2. 9@29 | 800 | 6. 37 | 0. 21 |
| 36 HF-2. 9@1  | 800 | 6. 38 | 0. 28 |
| 36 HF-2. 9@1  | 800 | 6. 38 | 0. 28 |
| 36 HF-2. 9@19 | 800 | 6. 46 | 0. 3  |
| 36 HF-2. 9@19 | 800 | 6. 46 | 0. 3  |
| 36 HF-2. 9@10 | 800 | 6. 53 | 0. 32 |
| 36 HF-2. 9@10 | 800 | 6. 53 | 0. 32 |
| 36 HF-2. 9@26 | 800 | 6. 6  | 0. 21 |
| 36 HF-2. 9@26 | 800 | 6. 6  | 0. 21 |
| 36 HF-2. 9@2  | 800 | 6. 67 | 0. 29 |
| 36 HF-2. 9@2  | 800 | 6. 67 | 0. 29 |
| 36 HF-2. 9@34 | 800 | 6. 74 | 0. 26 |
| 36 HF-2. 9@34 | 800 | 6. 74 | 0. 26 |
| 36 HF-2. 9@13 | 800 | 6. 76 | 0. 24 |
| 36 HF-2. 9@13 | 800 | 6. 76 | 0. 24 |
| 36 HF-2. 9@8  | 800 | 6. 81 | 0. 54 |
| 36 HF-2. 9@8  | 800 | 6. 81 | 0. 54 |
| 36 HF-2. 9@35 | 800 | 6. 83 | 0. 35 |
| 36 HF-2. 9@35 | 800 | 6. 83 | 0. 35 |
| 36 HF-2. 9@27 | 800 | 6. 84 | 0. 36 |
| 36 HF-2. 9@27 | 800 | 6. 84 | 0. 36 |
| 36 HF-2. 9@17 | 800 | 6. 86 | 0. 4  |
| 36 HF-2. 9@17 | 800 | 6. 86 | 0. 4  |
| 36 HF-2. 9@23 | 800 | 6. 88 | 0. 32 |
| 36 HF-2. 9@23 | 800 | 6. 88 | 0. 32 |
| 36 HF-2. 9@22 | 800 | 6. 91 | 0. 33 |
| 36 HF-2. 9@22 | 800 | 6. 91 | 0. 33 |
| 36 HF-2. 9@30 | 800 | 6. 97 | 0. 22 |
| 36 HF-2. 9@30 | 800 | 6. 97 | 0. 22 |
| 36 HF-2. 9@21 | 800 | 6. 97 | 0. 39 |
| 36 HF-2. 9@21 | 800 | 6. 97 | 0. 39 |
| 36 HF-2. 9@15 | 800 | 6. 98 | 0. 37 |
| 36 HF-2. 9@9  | 800 | 6. 98 | 0. 37 |
| 36 HF-2. 9@15 | 800 | 6. 98 | 0. 37 |
| 36 HF-2. 9@9  | 800 | 6. 98 | 0. 37 |
| 36 HF-2. 9@28 | 800 | 6. 98 | 0. 41 |
| 36 HF-2. 9@28 | 800 | 6. 98 | 0. 41 |
| 36 HF-2. 9@24 | 800 | 7     | 0. 36 |

|                  |            |            |            |
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| 36 HF-2. 9@24    | 800        | 7          | 0.36       |
| 36 HF-2. 9@25    | 800        | 7.03       | 0.38       |
| 36 HF-2. 9@25    | 800        | 7.03       | 0.38       |
| 36 HF-2. 9@20    | 800        | 7.07       | 0.43       |
| 36 HF-2. 9@20    | 800        | 7.07       | 0.43       |
| 36 HF-2. 9@4     | 800        | 7.27       | 0.43       |
| 36 HF-2. 9@4     | 800        | 7.27       | 0.43       |
| 36 HF-2. 9@3     | 800        | 7.3        | 0.45       |
| 36 HF-2. 9@3     | 800        | 7.3        | 0.45       |
| 36 HF-2. 9@11    | 800        | 7.39       | 0.38       |
| 36 HF-2. 9@11    | 800        | 7.39       | 0.38       |
| 36 HF-2. 9@18    | 800        | 7.91       | 0.29       |
| 36 HF-2. 9@18    | 800        | 7.91       | 0.29       |
| 36 HF-2. 9@6     | 800        | 9.64       | 0.32       |
| 36 HF-2. 9@6     | 800        | 9.64       | 0.32       |
| 61 08SC74-154    | 800        | 2.3        | 0.24       |
| 61 08SC74-154    | 800        | 2.3        | 0.24       |
| 61 08SC74-15     | 800        | 6.5        | 0.22       |
| 61 08SC74-15     | 800        | 6.5        | 0.22       |
| 61 08SC11-39     | 800        | 6.8        | 0.21       |
| 61 08SC11-39     | 800        | 6.8        | 0.21       |
| 18 NIL-anu-zrn-l | 800.623698 | 5.79096695 | 0.5793387  |
| 18 NIL-anu-zrn-l | 800.623698 | 5.79096695 | 0.5793387  |
| 61 08SC07-40     | 801        | 4.3        | 0.27       |
| 61 08SC07-40     | 801        | 4.3        | 0.27       |
| 61 08SC74-10     | 801        | 7.7        | 0.2        |
| 61 08SC74-10     | 801        | 7.7        | 0.2        |
| 61 08SC74-112    | 801        | 10         | 0.19       |
| 61 08SC74-112    | 801        | 10         | 0.19       |
| 18 NIL-anu-zrn-l | 801.597754 | 6.53952231 | 0.93635972 |
| 18 NIL-anu-zrn-l | 801.597754 | 6.53952231 | 0.93635972 |
| 61 08SC07-25     | 802        | 4.7        | 0.23       |
| 61 08SC07-25     | 802        | 4.7        | 0.23       |
| 61 08SC07-11     | 802        | 5.5        | 0.26       |
| 61 08SC07-11     | 802        | 5.5        | 0.26       |
| 61 08SC74-19     | 802        | 9.9        | 0.21       |
| 61 08SC74-19     | 802        | 9.9        | 0.21       |
| 18 NIL-anu-zrn-l | 802.552927 | 5.47984695 | 0.55122806 |
| 18 NIL-anu-zrn-l | 802.552927 | 5.47984695 | 0.55122806 |
| 61 08SC74-172    | 803        | 4.5        | 0.31       |
| 61 08SC74-172    | 803        | 4.5        | 0.31       |
| 61 08SC07-41     | 803        | 4.9        | 0.22       |
| 61 08SC07-41     | 803        | 4.9        | 0.22       |
| 61 08SC74-85     | 803        | 5          | 0.21       |
| 61 08SC74-85     | 803        | 5          | 0.21       |

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| 61 08SC74-79     | 803        | 5.2        | 0.2        |
| 61 08SC74-79     | 803        | 5.2        | 0.2        |
| 122 n4733-16c    | 803.2      | 7.75       | 0.15       |
| 18 ZMB2-anu-zrn- | 803.703206 | 6.72645594 | 0.56078714 |
| 18 ZMB2-anu-zrn- | 803.703206 | 6.72645594 | 0.56078714 |
| 61 08SC07-56     | 804        | 4.2        | 0.2        |
| 61 08SC07-56     | 804        | 4.2        | 0.2        |
| 61 08SC74-141    | 804        | 4.2        | 0.26       |
| 61 08SC74-141    | 804        | 4.2        | 0.26       |
| 61 08SC07-9      | 804        | 5          | 0.24       |
| 61 08SC07-9      | 804        | 5          | 0.24       |
| 61 08SC11-26     | 804        | 5.1        | 0.28       |
| 61 08SC11-26     | 804        | 5.1        | 0.28       |
| 61 08SC07-23     | 804        | 7.7        | 0.24       |
| 61 08SC07-23     | 804        | 7.7        | 0.24       |
| 61 08SC74-76     | 804        | 9.3        | 0.26       |
| 61 08SC74-76     | 804        | 9.3        | 0.26       |
| 18 NIL-anu-zrn-l | 804.332708 | 5.70540586 | 0.55205601 |
| 18 NIL-anu-zrn-l | 804.332708 | 5.70540586 | 0.55205601 |
| 61 08SC74-158    | 805        | 4.9        | 0.32       |
| 61 08SC74-158    | 805        | 4.9        | 0.32       |
| 61 08SC07-33     | 805        | 5.1        | 0.28       |
| 61 08SC07-33     | 805        | 5.1        | 0.28       |
| 61 08SC74-92     | 805        | 5.2        | 0.1        |
| 61 08SC74-92     | 805        | 5.2        | 0.1        |
| 61 08SC74-72     | 805        | 5.2        | 0.29       |
| 61 08SC74-72     | 805        | 5.2        | 0.29       |
| 61 08SC74-2      | 805        | 5.3        | 0.22       |
| 61 08SC74-2      | 805        | 5.3        | 0.22       |
| 61 08SC07-18     | 805        | 5.8        | 0.2        |
| 61 08SC07-18     | 805        | 5.8        | 0.2        |
| 61 08SC07-54     | 805        | 6.4        | 0.3        |
| 61 08SC07-54     | 805        | 6.4        | 0.3        |
| 61 08SC74-55     | 805        | 8.8        | 0.24       |
| 61 08SC74-55     | 805        | 8.8        | 0.24       |
| 106 10GD48-47    | 805        | 5.82       | 0.26       |
| 47 PMOG-441_41-: | 806        | 8.3        | 0.3        |
| 47 PMOG-441_41-: | 806        | 8.3        | 0.3        |
| 61 08SC07-51     | 806        | 4.9        | 0.25       |
| 61 08SC07-51     | 806        | 4.9        | 0.25       |
| 61 08SC07-35     | 806        | 5          | 0.28       |
| 61 08SC07-35     | 806        | 5          | 0.28       |
| 61 08SC74-31     | 806        | 6.9        | 0.22       |
| 61 08SC74-31     | 806        | 6.9        | 0.22       |
| 61 08SC74-28     | 806        | 7.2        | 0.17       |

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| 61 08SC74-28     | 806        | 7.2        | 0.17       |      |
| 61 08SC74-59     | 806        | 8.3        | 0.18       |      |
| 61 08SC74-59     | 806        | 8.3        | 0.18       |      |
| 18 ZMB2-anu-zrn- | 806.355133 | 5.54883742 | 0.55561797 |      |
| 18 ZMB2-anu-zrn- | 806.355133 | 5.54883742 | 0.55561797 |      |
| 61 08SC07-24     | 807        | 4.2        | 0.3        |      |
| 61 08SC07-24     | 807        | 4.2        | 0.3        |      |
| 61 08SC74-40     | 807        | 10.7       | 0.19       |      |
| 61 08SC74-40     | 807        | 10.7       | 0.19       |      |
| 75               | 9          | 807        | 5.76       | 0.39 |
| 61 08SC07-36     | 808        | 4.1        | 0.25       |      |
| 61 08SC07-36     | 808        | 4.1        | 0.25       |      |
| 61 08SC07-12     | 808        | 4.5        | 0.21       |      |
| 61 08SC07-12     | 808        | 4.5        | 0.21       |      |
| 61 08SC11-65     | 808        | 4.9        | 0.23       |      |
| 61 08SC11-65     | 808        | 4.9        | 0.23       |      |
| 61 08SC74-131    | 808        | 5.3        | 0.22       |      |
| 61 08SC74-131    | 808        | 5.3        | 0.22       |      |
| 61 08SC11-61     | 808        | 5.4        | 0.17       |      |
| 61 08SC11-61     | 808        | 5.4        | 0.17       |      |
| 61 08SC07-6      | 808        | 5.4        | 0.27       |      |
| 61 08SC07-6      | 808        | 5.4        | 0.27       |      |
| 61 08SC74-90     | 808        | 7.1        | 0.19       |      |
| 61 08SC74-90     | 808        | 7.1        | 0.19       |      |
| 61 08SC07-13     | 809        | 4.2        | 0.31       |      |
| 61 08SC07-13     | 809        | 4.2        | 0.31       |      |
| 61 08SC74-68     | 809        | 4.7        | 0.28       |      |
| 61 08SC74-68     | 809        | 4.7        | 0.28       |      |
| 61 08SC07-58     | 809        | 5.6        | 0.26       |      |
| 61 08SC07-58     | 809        | 5.6        | 0.26       |      |
| 61 08SC11-37     | 809        | 6          | 0.16       |      |
| 61 08SC11-37     | 809        | 6          | 0.16       |      |
| 61 08SC07-53     | 810        | 4.7        | 0.27       |      |
| 61 08SC07-53     | 810        | 4.7        | 0.27       |      |
| 18 ORG2-anu-zrn- | 810.014148 | 9.65438459 | 0.93009253 |      |
| 18 ORG2-anu-zrn- | 810.014148 | 9.65438459 | 0.93009253 |      |
| 61 08SC74-120    | 811        | 4.1        | 0.19       |      |
| 61 08SC74-120    | 811        | 4.1        | 0.19       |      |
| 61 08SC74-113    | 811        | 4.1        | 0.24       |      |
| 61 08SC74-113    | 811        | 4.1        | 0.24       |      |
| 61 08SC07-4      | 811        | 4.5        | 0.17       |      |
| 61 08SC07-4      | 811        | 4.5        | 0.17       |      |
| 61 08SC07-26     | 811        | 5.6        | 0.26       |      |
| 61 08SC07-26     | 811        | 5.6        | 0.26       |      |
| 61 08SC07-37     | 811        | 6          | 0.31       |      |

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| 61 08SC07-37     | 811        | 6          | 0.31       |
| 61 08SC74-45     | 811        | 6.9        | 0.23       |
| 61 08SC74-45     | 811        | 6.9        | 0.23       |
| 61 08SC74-64     | 811        | 9.3        | 0.21       |
| 61 08SC74-64     | 811        | 9.3        | 0.21       |
| 61 08SC07-44     | 812        | 4.5        | 0.35       |
| 61 08SC07-44     | 812        | 4.5        | 0.35       |
| 61 08SC74-135    | 812        | 5.7        | 0.22       |
| 61 08SC74-135    | 812        | 5.7        | 0.22       |
| 61 08SC74-52     | 812        | 7.2        | 0.24       |
| 61 08SC74-52     | 812        | 7.2        | 0.24       |
| 18 NIL-anu-zrn-l | 812.144499 | 5.99924437 | 1.01560957 |
| 18 NIL-anu-zrn-l | 812.144499 | 5.99924437 | 1.01560957 |
| 61 08SC07-20     | 813        | 5          | 0.2        |
| 61 08SC07-20     | 813        | 5          | 0.2        |
| 61 08SC74-180    | 813        | 5          | 0.23       |
| 61 08SC74-180    | 813        | 5          | 0.23       |
| 61 08SC74-83     | 813        | 5.2        | 0.23       |
| 61 08SC74-83     | 813        | 5.2        | 0.23       |
| 61 08SC07-46     | 813        | 5.7        | 0.21       |
| 61 08SC07-46     | 813        | 5.7        | 0.21       |
| 61 08SC11-14     | 813        | 6.5        | 0.18       |
| 61 08SC11-14     | 813        | 6.5        | 0.18       |
| 116 DA13-076-53  | 813        | 8.4        | 0.29       |
| 116 DA13-076-60  | 813        | 8.57       | 0.29       |
| 116 DA13-076-72  | 813        | 8.64       | 0.38       |
| 116 DA13-076-55  | 813        | 8.67       | 0.29       |
| 116 DA13-076-56  | 813        | 8.76       | 0.3        |
| 116 DA13-076-69  | 813        | 8.81       | 0.31       |
| 116 DA13-076-70  | 813        | 8.83       | 0.29       |
| 116 DA13-076-68  | 813        | 8.91       | 0.31       |
| 116 DA13-076-59  | 813        | 8.94       | 0.28       |
| 116 DA13-076-48  | 813        | 9.17       | 0.29       |
| 116 DA13-076-47  | 813        | 9.18       | 0.35       |
| 116 DA13-076-49  | 813        | 9.18       | 0.36       |
| 116 DA13-076-73  | 813        | 9.2        | 0.3        |
| 116 DA13-076-75  | 813        | 9.33       | 0.29       |
| 116 DA13-076-51  | 813        | 9.35       | 0.29       |
| 116 DA13-076-62  | 813        | 9.42       | 0.29       |
| 116 DA13-076-61  | 813        | 9.43       | 0.31       |
| 116 DA13-076-58  | 813        | 9.45       | 0.3        |
| 116 DA13-076-50  | 813        | 9.49       | 0.4        |
| 116 DA13-076-74  | 813        | 9.55       | 0.31       |
| 116 DA13-076-52  | 813        | 9.56       | 0.3        |
| 116 DA13-076-46  | 813        | 9.64       | 0.31       |

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| 116 DA13-076-67  | 813       | 9.75       | 0.3        |
| 61 08SC07-15     | 814       | 5.9        | 0.23       |
| 61 08SC07-15     | 814       | 5.9        | 0.23       |
| 61 08SC07-29     | 814       | 6.5        | 0.21       |
| 61 08SC07-29     | 814       | 6.5        | 0.21       |
| 106 10GD48-106   | 814       | 5.89       | 0.38       |
| 116 BGS-RK395-20 | 814       | 4.23       | 0.16       |
| 116 BGS-RK395-08 | 814       | 5.76       | 0.15       |
| 116 BGS-RK395-05 | 814       | 6.07       | 0.16       |
| 116 BGS-RK395-21 | 814       | 6.24       | 0.14       |
| 116 BGS-RK395-16 | 814       | 6.29       | 0.15       |
| 116 BGS-RK395-06 | 814       | 7.06       | 0.44       |
| 116 BGS-RK395-17 | 814       | 7.1        | 0.18       |
| 119 14.1         | 814       | 9          | 0.3343     |
| 61 08SC07-50     | 815       | 4.2        | 0.23       |
| 61 08SC07-50     | 815       | 4.2        | 0.23       |
| 61 08SC74-134    | 815       | 4.3        | 0.26       |
| 61 08SC74-134    | 815       | 4.3        | 0.26       |
| 61 08SC74-142    | 815       | 4.5        | 0.24       |
| 61 08SC74-142    | 815       | 4.5        | 0.24       |
| 61 08SC74-67     | 815       | 8.4        | 0.27       |
| 61 08SC74-67     | 815       | 8.4        | 0.27       |
| 106 10GD49-28    | 815       | 7.7        | 0.36       |
| 18 NIL-anu-zrn-l | 815.64344 | 6.21458237 | 0.56118853 |
| 18 NIL-anu-zrn-l | 815.64344 | 6.21458237 | 0.56118853 |
| 61 08SC74-163    | 816       | 5.9        | 0.27       |
| 61 08SC74-163    | 816       | 5.9        | 0.27       |
| 61 08SC07-16     | 816       | 7          | 0.18       |
| 61 08SC07-16     | 816       | 7          | 0.18       |
| 61 08SC74-74     | 816       | 10.1       | 0.22       |
| 61 08SC74-74     | 816       | 10.1       | 0.22       |
| 19 08LL07 29     | 818       | 5.29       | 0.25       |
| 19 08LL07 29     | 818       | 5.29       | 0.25       |
| 47 PMOG-441_41-! | 818       | 8.2        | 0.3        |
| 47 PMOG-441_41-! | 818       | 8.2        | 0.3        |
| 61 08SC74-106    | 818       | 4.5        | 0.19       |
| 61 08SC74-106    | 818       | 4.5        | 0.19       |
| 61 08SC74-181    | 818       | 4.5        | 0.21       |
| 61 08SC74-181    | 818       | 4.5        | 0.21       |
| 61 08SC11-58     | 818       | 6.2        | 0.32       |
| 61 08SC11-58     | 818       | 6.2        | 0.32       |
| 61 08SC11-31     | 818       | 7.9        | 0.27       |
| 61 08SC11-31     | 818       | 7.9        | 0.27       |
| 61 08SC74-109    | 818       | 12.2       | 0.23       |
| 61 08SC74-109    | 818       | 12.2       | 0.23       |



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| 18 ZMB2-anu-zrn-              | 818.62235 | 4.32497986 | 0.5615994 |
| 18 ZMB2-anu-zrn-              | 818.62235 | 4.32497986 | 0.5615994 |
| 116 DA13-064-20               | 819       | 4.11       | 0.17      |
| 116 DA13-064-60               | 819       | 4.5        | 0.15      |
| 116 DA13-064-22               | 819       | 4.51       | 0.31      |
| 116 DA13-064-53               | 819       | 4.7        | 0.2       |
| 116 DA13-064-30               | 819       | 4.74       | 0.16      |
| 116 DA13-064-11               | 819       | 5.03       | 0.14      |
| 116 BGS-PP156-06 <sub>1</sub> | 819       | 6.18       | 0.33      |
| 116 BGS-PP156-18 <sub>1</sub> | 819       | 7.71       | 0.34      |
| 116 BGS-PP156-03 <sub>1</sub> | 819       | 8          | 0.35      |
| 116 BGS-PP156-04 <sub>1</sub> | 819       | 8.92       | 0.34      |
| 116 BGS-PP156-12              | 819       | 9.43       | 0.36      |
| 61 08SC74-50                  | 820       | 9.7        | 0.21      |
| 61 08SC74-50                  | 820       | 9.7        | 0.21      |
| 61 08SC74-139                 | 820       | 10.8       | 0.22      |
| 61 08SC74-139                 | 820       | 10.8       | 0.22      |
| 61 08SC74-4                   | 821       | 8.3        | 0.21      |
| 61 08SC74-4                   | 821       | 8.3        | 0.21      |
| 106 10GD49-69                 | 821       | 11.64      | 0.31      |
| 116 DA13-074-69               | 821       | 9.41       | 0.29      |
| 116 DA13-074-43               | 821       | 9.46       | 0.29      |
| 116 DA13-074-48               | 821       | 9.54       | 0.29      |
| 116 DA13-074-49               | 821       | 9.6        | 0.29      |
| 116 DA13-074-62               | 821       | 9.65       | 0.31      |
| 116 DA13-074-56               | 821       | 9.65       | 0.36      |
| 116 DA13-074-52               | 821       | 9.67       | 0.28      |
| 116 DA13-074-45               | 821       | 9.67       | 0.29      |
| 116 DA13-074-47               | 821       | 9.71       | 0.35      |
| 116 DA13-074-58               | 821       | 9.72       | 0.28      |
| 116 DA13-074-41               | 821       | 9.79       | 0.31      |
| 116 DA13-074-55               | 821       | 9.84       | 0.28      |
| 116 DA13-074-63               | 821       | 10.06      | 0.31      |
| 116 DA13-074-53               | 821       | 10.22      | 0.31      |
| 116 DA13-074-65               | 821       | 10.24      | 0.29      |
| 61 08SC07-52                  | 822       | 6          | 0.29      |
| 61 08SC07-52                  | 822       | 6          | 0.29      |
| 61 08SC74-119                 | 823       | 4.5        | 0.26      |
| 61 08SC74-119                 | 823       | 4.5        | 0.26      |
| 61 08SC74-126                 | 823       | 5.6        | 0.21      |
| 61 08SC74-126                 | 823       | 5.6        | 0.21      |
| 61 08SC07-45                  | 823       | 5.7        | 0.22      |
| 61 08SC07-45                  | 823       | 5.7        | 0.22      |
| 61 08SC07-17                  | 823       | 5.9        | 0.2       |
| 61 08SC07-17                  | 823       | 5.9        | 0.2       |

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|------------------|------------|------------|------------|
| 61 08SC74-136    | 823        | 6          | 0.27       |
| 61 08SC74-136    | 823        | 6          | 0.27       |
| 116 DA13-017-26  | 823        | 4.46       | 0.25       |
| 116 DA13-017-10  | 823        | 4.54       | 0.25       |
| 116 DA13-017-25  | 823        | 5.3        | 0.25       |
| 116 DA13-017-28  | 823        | 5.89       | 0.25       |
| 116 DA13-017-44  | 823        | 6          | 0.25       |
| 116 DA13-017-34  | 823        | 6.33       | 0.25       |
| 116 DA13-017-75  | 823        | 6.44       | 0.25       |
| 116 DA13-017-32  | 823        | 6.63       | 0.24       |
| 116 DA13-017-06  | 823        | 6.92       | 0.25       |
| 116 DA13-017-22  | 823        | 7.04       | 0.25       |
| 116 DA13-017-05  | 823        | 7.24       | 0.24       |
| 116 DA13-017-49  | 823        | 7.24       | 0.25       |
| 116 DA13-017-12  | 823        | 8.33       | 0.25       |
| 61 08SC07-31     | 824        | 3.9        | 0.25       |
| 61 08SC07-31     | 824        | 3.9        | 0.25       |
| 61 08SC74-121    | 824        | 5          | 0.31       |
| 61 08SC74-121    | 824        | 5          | 0.31       |
| 61 08SC74-161    | 824        | 5.1        | 0.27       |
| 61 08SC74-161    | 824        | 5.1        | 0.27       |
| 61 08SC07-55     | 824        | 5.8        | 0.26       |
| 61 08SC07-55     | 824        | 5.8        | 0.26       |
| 61 08SC74-86     | 824        | 10.3       | 0.24       |
| 61 08SC74-86     | 824        | 10.3       | 0.24       |
| 106 10GD49-48    | 824        | 6.18       | 0.17       |
| 106 10GD48-40    | 824        | 8.39       | 0.28       |
| 116 DA14-133-24  | 824        | 5.16       | 0.55       |
| 116 DA14-133-23  | 824        | 5.52       | 0.54       |
| 116 DA14-133-19  | 824        | 5.56       | 0.55       |
| 116 DA14-133-05  | 824        | 5.67       | 0.55       |
| 116 DA14-133-11  | 824        | 6          | 0.56       |
| 116 DA14-133-25  | 824        | 6.17       | 0.55       |
| 116 DA14-133-04  | 824        | 6.38       | 0.54       |
| 116 DA14-133-17  | 824        | 6.41       | 0.54       |
| 61 08SC07-14     | 825        | 4.1        | 0.2        |
| 61 08SC07-14     | 825        | 4.1        | 0.2        |
| 61 08SC74-125    | 825        | 5          | 0.24       |
| 61 08SC74-125    | 825        | 5          | 0.24       |
| 61 08SC74-175    | 825        | 5.2        | 0.32       |
| 61 08SC74-175    | 825        | 5.2        | 0.32       |
| 61 08SC74-7      | 825        | 5.5        | 0.17       |
| 61 08SC74-7      | 825        | 5.5        | 0.17       |
| 18 CNG2-anu-zrn- | 825.492348 | 4.92987636 | 0.58143783 |
| 18 CNG2-anu-zrn- | 825.492348 | 4.92987636 | 0.58143783 |

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| 61 08SC74-56     | 827        | 10         | 0.18       |      |
| 61 08SC74-56     | 827        | 10         | 0.18       |      |
| 75               | 29         | 827        | 8.63       | 0.34 |
| 116 DA13-049-22  | 827        | 6.04       | 0.17       |      |
| 116 DA13-049-24  | 827        | 7.02       | 0.15       |      |
| 116 DA13-049-25  | 827        | 7.03       | 0.18       |      |
| 116 DA13-049-27  | 827        | 7.45       | 0.16       |      |
| 116 DA13-029-53  | 828        | 6.4        | 0.21       |      |
| 116 DA13-029-58  | 828        | 6.84       | 0.15       |      |
| 116 DA13-029-56  | 828        | 6.93       | 0.14       |      |
| 116 DA13-029-60  | 828        | 7.03       | 0.19       |      |
| 116 DA13-029-51  | 828        | 7.2        | 0.17       |      |
| 116 DA13-029-52  | 828        | 7.48       | 0.17       |      |
| 61 08SC74-146    | 829        | 4.6        | 0.23       |      |
| 61 08SC74-146    | 829        | 4.6        | 0.23       |      |
| 61 08SC07-38     | 829        | 6.9        | 0.26       |      |
| 61 08SC07-38     | 829        | 6.9        | 0.26       |      |
| 61 08SC74-29     | 829        | 9.2        | 0.23       |      |
| 61 08SC74-29     | 829        | 9.2        | 0.23       |      |
| 47 PMOG_P-58.1   | 830        | 8.2        | 1          |      |
| 47 PMOG_P-58.1   | 830        | 8.2        | 1          |      |
| 61 08SC74-171    | 830        | 2.7        | 0.27       |      |
| 61 08SC74-171    | 830        | 2.7        | 0.27       |      |
| 61 08SC07-10     | 830        | 4.6        | 0.16       |      |
| 61 08SC07-10     | 830        | 4.6        | 0.16       |      |
| 61 08SC74-150    | 830        | 5.4        | 0.26       |      |
| 61 08SC74-150    | 830        | 5.4        | 0.26       |      |
| 61 08SC74-37     | 830        | 6.5        | 0.19       |      |
| 61 08SC74-37     | 830        | 6.5        | 0.19       |      |
| 61 08SC11-13     | 830        | 9.2        | 0.2        |      |
| 61 08SC11-13     | 830        | 9.2        | 0.2        |      |
| 61 08SC74-73     | 830        | 9.4        | 0.2        |      |
| 61 08SC74-73     | 830        | 9.4        | 0.2        |      |
| 109 03HN64       | 830        | 4.86       |            |      |
| 18 NIL-anu-zrn-l | 830.149308 | 4.25179659 | 0.96821097 |      |
| 18 NIL-anu-zrn-l | 830.149308 | 4.25179659 | 0.96821097 |      |
| 47 PMOG_P-22.1   | 832        | 7.9        | 0.7        |      |
| 47 PMOG_P-22.1   | 832        | 7.9        | 0.7        |      |
| 61 08SC07-3      | 833        | 2.4        | 0.39       |      |
| 61 08SC07-3      | 833        | 2.4        | 0.39       |      |
| 61 08SC74-91     | 833        | 3.9        | 0.17       |      |
| 61 08SC74-91     | 833        | 3.9        | 0.17       |      |
| 106 10GD49-103   | 833        | 6.52       | 0.27       |      |
| 61 08SC74-152    | 834        | 5.5        | 0.28       |      |
| 61 08SC74-152    | 834        | 5.5        | 0.28       |      |

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| 106 10GD49-97    | 834        | 7.78       | 0.22       |
| 106 10GD49-6     | 834        | 7.93       | 0.23       |
| 18 ZMB2-anu-zrn- | 834.657842 | 5.70313718 | 1.00415351 |
| 18 ZMB2-anu-zrn- | 834.657842 | 5.70313718 | 1.00415351 |
| 61 08SC74-140    | 835        | 3.7        | 0.18       |
| 61 08SC74-140    | 835        | 3.7        | 0.18       |
| 47 PMOG_P-54.1   | 836        | 5.4        | 0.6        |
| 47 PMOG_P-54.1   | 836        | 5.4        | 0.6        |
| 61 08SC07-5      | 837        | 7.7        | 0.23       |
| 61 08SC07-5      | 837        | 7.7        | 0.23       |
| 61 08SC07-49     | 837        | 9          | 0.29       |
| 61 08SC07-49     | 837        | 9          | 0.29       |
| 116 DA13-077-47  | 837        | 3.23       | 0.3        |
| 116 DA13-077-45  | 837        | 3.67       | 0.29       |
| 116 DA13-077-44  | 837        | 4.1        | 0.3        |
| 116 DA13-077-43  | 837        | 4.2        | 0.3        |
| 116 DA13-077-10  | 837        | 4.23       | 0.28       |
| 116 DA13-077-39  | 837        | 4.35       | 0.29       |
| 116 DA13-077-60  | 837        | 4.64       | 0.29       |
| 116 DA13-077-04  | 837        | 5.23       | 0.3        |
| 18 NGR1-anu-zrn- | 837.615043 | 7.12222681 | 0.5926298  |
| 18 NGR1-anu-zrn- | 837.615043 | 7.12222681 | 0.5926298  |
| 37 07SC49@89     | 838        | 10.31      | 0.31       |
| 37 07SC49@89     | 838        | 10.31      | 0.31       |
| 61 08SC11-38     | 838        | 5.3        | 0.2        |
| 61 08SC11-38     | 838        | 5.3        | 0.2        |
| 61 08SC07-19     | 838        | 9.3        | 0.25       |
| 61 08SC07-19     | 838        | 9.3        | 0.25       |
| 106 10GD48-62    | 839        | 5.98       | 0.26       |
| 61 08SC07-21     | 841        | 5.9        | 0.3        |
| 61 08SC07-21     | 841        | 5.9        | 0.3        |
| 116 BGS-WB37-05  | 842        | 1.95       | 0.16       |
| 116 BGS-WB37-04  | 842        | 4.2        | 0.14       |
| 116 BGS-WB37-06  | 842        | 5.61       | 0.21       |
| 116 BGS-WB37-08  | 842        | 5.68       | 0.14       |
| 116 BGS-WB37-07  | 842        | 5.8        | 0.2        |
| 116 BGS-WB37-09  | 842        | 6.69       | 0.32       |
| 61 08SC74-129    | 844        | 4.3        | 0.19       |
| 61 08SC74-129    | 844        | 4.3        | 0.19       |
| 61 08SC74-66     | 844        | 9.1        | 0.19       |
| 61 08SC74-66     | 844        | 9.1        | 0.19       |
| 61 08SC74-127    | 845        | 3.8        | 0.21       |
| 61 08SC74-127    | 845        | 3.8        | 0.21       |
| 61 08SC74-145    | 845        | 4.2        | 0.23       |
| 61 08SC74-145    | 845        | 4.2        | 0.23       |

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| 61 08SC74-122    | 845        | 4.6        | 0.17       |
| 61 08SC74-122    | 845        | 4.6        | 0.17       |
| 61 08SC74-162    | 845        | 5          | 0.29       |
| 61 08SC74-162    | 845        | 5          | 0.29       |
| 61 08SC07-43     | 845        | 6.4        | 0.25       |
| 61 08SC07-43     | 845        | 6.4        | 0.25       |
| 61 08SC74-149    | 847        | 5.1        | 0.12       |
| 61 08SC74-149    | 847        | 5.1        | 0.12       |
| 119 40.1         | 847        | 7          | 0.8049     |
| 61 08SC74-179    | 848        | 3.9        | 0.25       |
| 61 08SC74-179    | 848        | 3.9        | 0.25       |
| 116 DA13-012-81  | 849        | 5.79       | 0.17       |
| 116 DA13-012-77  | 849        | 5.79       | 0.28       |
| 116 DA13-012-84  | 849        | 6.23       | 0.15       |
| 116 DA13-012-88  | 849        | 6.31       | 0.16       |
| 116 DA13-012-89  | 849        | 6.53       | 0.16       |
| 116 DA13-012-83  | 849        | 6.99       | 0.13       |
| 18 NIL-anu-zrn-l | 849.941356 | 5.93173366 | 0.5943752  |
| 18 NIL-anu-zrn-l | 849.941356 | 5.93173366 | 0.5943752  |
| 61 08SC74-108    | 850        | 3.7        | 0.25       |
| 61 08SC74-108    | 850        | 3.7        | 0.25       |
| 61 08SC74-78     | 850        | 6.5        | 0.22       |
| 61 08SC74-78     | 850        | 6.5        | 0.22       |
| 18 NIL-anu-zrn-l | 851.250189 | 5.96419352 | 0.57385544 |
| 18 NIL-anu-zrn-l | 851.250189 | 5.96419352 | 0.57385544 |
| 18 CNG2-anu-zrn- | 851.582758 | 6.38425994 | 0.60809956 |
| 18 CNG2-anu-zrn- | 851.582758 | 6.38425994 | 0.60809956 |
| 61 08SC74-165    | 852        | 4.3        | 0.29       |
| 61 08SC74-165    | 852        | 4.3        | 0.29       |
| 61 08SC11-71     | 852        | 5.5        | 0.21       |
| 61 08SC11-71     | 852        | 5.5        | 0.21       |
| 106 10GD48-57    | 852        | 9.01       | 0.15       |
| 65 BB-81 16      | 853        | 7.55       | 0.28       |
| 65 BB-81 16      | 853        | 7.55       | 0.28       |
| 61 08SC74-166    | 857        | 3.3        | 0.22       |
| 61 08SC74-166    | 857        | 3.3        | 0.22       |
| 61 08SC74-169    | 858        | 5          | 0.19       |
| 61 08SC74-169    | 858        | 5          | 0.19       |
| 51 CS12-17-6     | 858.061681 | 6.00514403 | 0.50485494 |
| 51 CS12-17-6     | 858.061681 | 6.00514403 | 0.50485494 |
| 61 08SC74-87     | 859        | 4.6        | 0.17       |
| 61 08SC74-87     | 859        | 4.6        | 0.17       |
| 106 10GD48-67    | 860        | 6.34       | 0.29       |
| 106 10GD48-93    | 860        | 6.96       | 0.3        |
| 61 08SC07-30     | 861        | 4          | 0.27       |

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| 61 08SC07-30     | 861        | 4          | 0.27       |
| 37 07SC65@58     | 863        | 10.68      | 0.31       |
| 37 07SC65@58     | 863        | 10.68      | 0.31       |
| 106 10GD49-24    | 863        | 8.59       | 0.25       |
| 61 08SC07-7      | 865        | 3.4        | 0.31       |
| 61 08SC07-7      | 865        | 3.4        | 0.31       |
| 106 10GD48-73    | 866        | 7.77       | 0.25       |
| 37 07SC49@49     | 868        | 9.66       | 0.25       |
| 37 07SC49@49     | 868        | 9.66       | 0.25       |
| 61 08SC31-16     | 868        | 2.7        | 0.25       |
| 61 08SC31-16     | 868        | 2.7        | 0.25       |
| 119 49.1         | 868        | 11         | 0.5184     |
| 61 08SC74-178    | 870        | 4.6        | 0.22       |
| 61 08SC74-178    | 870        | 4.6        | 0.22       |
| 106 10GD49-59    | 870        | 9.02       | 0.16       |
| 61 08SC74-51     | 872        | 5.2        | 0.24       |
| 61 08SC74-51     | 872        | 5.2        | 0.24       |
| 106 10GD49-65    | 873        | 7.92       | 0.22       |
| 61 08SC74-20     | 874        | 7.2        | 0.24       |
| 61 08SC74-20     | 874        | 7.2        | 0.24       |
| 61 08SC11-30     | 875        | 4.4        | 0.3        |
| 61 08SC11-30     | 875        | 4.4        | 0.3        |
| 119 16.1         | 875        | 5          | 0.3487     |
| 18 CNG2-anu-zrn- | 875.383215 | 5.0410259  | 0.56433996 |
| 18 CNG2-anu-zrn- | 875.383215 | 5.0410259  | 0.56433996 |
| 10 2436-21       | 876        | 7.6        | 0.6        |
| 10 2436-21       | 876        | 7.6        | 0.6        |
| 121 19           | 877        | 6.18       | 0.22       |
| 106 10GD48-94    | 879        | 6.27       | 0.28       |
| 119 42.1         | 879        | 5.5826     | 0.401      |
| 54 Calen34/11    | 880        | 9.74       |            |
| 54 Calen34/11    | 880        | 9.74       |            |
| 18 CNG2-anu-zrn- | 880.564558 | 10.098769  | 0.58472926 |
| 18 CNG2-anu-zrn- | 880.564558 | 10.098769  | 0.58472926 |
| 18 CNG2-anu-zrn- | 880.646651 | 5.68972857 | 0.56308661 |
| 18 CNG2-anu-zrn- | 880.646651 | 5.68972857 | 0.56308661 |
| 37 07SC49@82     | 881        | 7.6        | 0.45       |
| 37 07SC49@82     | 881        | 7.6        | 0.45       |
| 61 08SC74-111    | 881        | 5.3        | 0.18       |
| 61 08SC74-111    | 881        | 5.3        | 0.18       |
| 61 08SC74-81     | 882        | 6.5        | 0.19       |
| 61 08SC74-81     | 882        | 6.5        | 0.19       |
| 37 07SC65@63     | 885        | 7.85       | 0.39       |
| 37 07SC65@63     | 885        | 7.85       | 0.39       |
| 106 10GD49-10    | 891        | 11.88      | 0.28       |

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| 119 | 40.1          | 891        | 10         | 0.3349     |
| 51  | CS12-17-7     | 892.348596 | 5.25668108 | 0.38256064 |
| 51  | CS12-17-7     | 892.348596 | 5.25668108 | 0.38256064 |
| 106 | 10GD48-118    | 893        | 5.01       | 0.22       |
| 19  | 08LL06 48     | 895        | 2.49       | 0.24       |
| 19  | 08LL06 48     | 895        | 2.49       | 0.24       |
| 20  | HV1.5         | 896        | 6.7        | 0.4        |
| 20  | HV1.5         | 896        | 6.7        | 0.4        |
| 20  | HV1.5         | 896        | 6.7        | 0.4        |
| 61  | 08SC07-2      | 897        | 5.5        | 0.23       |
| 61  | 08SC07-2      | 897        | 5.5        | 0.23       |
| 8   | 00W23         | 900        | 0.96       |            |
| 8   | 00W23         | 900        | 0.96       |            |
| 37  | 07SC65@29     | 900        | 8.6        | 0.39       |
| 37  | 07SC65@29     | 900        | 8.6        | 0.39       |
| 106 | 10GD49-110    | 900        | 8.03       | 0.28       |
| 10  | 2436-05       | 902        | 7.1        | 0.4        |
| 10  | 2436-05       | 902        | 7.1        | 0.4        |
| 18  | NIL-anu-zrn-l | 905.596509 | 6.20017601 | 0.56494957 |
| 18  | NIL-anu-zrn-l | 905.596509 | 6.20017601 | 0.56494957 |
| 121 | 22            | 906        | 7.23       | 0.20       |
| 19  | 08LL07 63     | 907        | 5.44       | 0.32       |
| 19  | 08LL07 63     | 907        | 5.44       | 0.32       |
| 61  | 08SC74-33     | 908        | 7.4        | 0.2        |
| 61  | 08SC74-33     | 908        | 7.4        | 0.2        |
| 119 | 31.1          | 909        | 3          | 0.585      |
| 47  | PMOG_P-10.1   | 910        | 8.4        | 0.6        |
| 47  | PMOG_P-10.1   | 910        | 8.4        | 0.6        |
| 106 | 10GD49-41     | 910        | 9.17       | 0.33       |
| 18  | NIL-anu-zrn-l | 912.293905 | 5.84319453 | 0.94508121 |
| 18  | NIL-anu-zrn-l | 912.293905 | 5.84319453 | 0.94508121 |
| 18  | ZMB2-anu-zrn- | 913.018916 | 7.44015192 | 0.59228864 |
| 18  | ZMB2-anu-zrn- | 913.018916 | 7.44015192 | 0.59228864 |
| 18  | ORG2-anu-zrn- | 917.493568 | 1.76092004 | 0.73902247 |
| 18  | ORG2-anu-zrn- | 917.493568 | 1.76092004 | 0.73902247 |
| 51  | CS12-23-5     | 917.95282  | 6.3611261  | 0.52787258 |
| 51  | CS12-23-5     | 917.95282  | 6.3611261  | 0.52787258 |
| 51  | CS12-17-25    | 918.727638 | 6.75025784 | 0.53582483 |
| 51  | CS12-17-25    | 918.727638 | 6.75025784 | 0.53582483 |
| 106 | 10GD49-54     | 919        | 5.22       | 0.2        |
| 106 | 10GD48-119    | 919        | 7.83       | 0.28       |
| 18  | CNG2-anu-zrn- | 919.101579 | 5.80546533 | 0.56694453 |
| 18  | CNG2-anu-zrn- | 919.101579 | 5.80546533 | 0.56694453 |
| 37  | 07SC49@15     | 920        | 9.12       | 0.43       |
| 37  | 07SC49@15     | 920        | 9.12       | 0.43       |

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| 106 10GD49-45    | 920        | 9.82       | 0.15       |
| 106 10GD48-59    | 921        | 6.73       | 0.27       |
| 119 38.1         | 921        | 8          | 0.5083     |
| 18 NIL-anu-zrn-l | 921.277346 | 6.10911208 | 0.5977839  |
| 18 NIL-anu-zrn-l | 921.277346 | 6.10911208 | 0.5977839  |
| 10 1774-40       | 922        | 8.9        | 0.5        |
| 10 1774-40       | 922        | 8.9        | 0.5        |
| 106 10GD48-56    | 922        | 7          | 0.26       |
| 106 10GD48-116   | 922        | 7.87       | 0.19       |
| 51 CS12-17-12    | 922.620276 | 8.84727137 | 0.75410762 |
| 51 CS12-17-12    | 922.620276 | 8.84727137 | 0.75410762 |
| 18 ORG2-anu-zrn- | 923.175166 | 7.42488638 | 0.55004429 |
| 18 ORG2-anu-zrn- | 923.175166 | 7.42488638 | 0.55004429 |
| 51 CS12-17-23    | 923.300272 | 6.52611568 | 0.63196388 |
| 51 CS12-17-23    | 923.300272 | 6.52611568 | 0.63196388 |
| 106 10GD49-20    | 924        | 7.53       | 0.27       |
| 106 10GD49-72    | 925        | 11.6       | 0.34       |
| 18 NGR1-anu-zrn- | 925.162269 | 5.61696052 | 0.59461053 |
| 18 NGR1-anu-zrn- | 925.162269 | 5.61696052 | 0.59461053 |
| 18 NGR1-anu-zrn- | 925.349223 | 5.98864375 | 0.61384588 |
| 18 NGR1-anu-zrn- | 925.349223 | 5.98864375 | 0.61384588 |
| 10 2641-62       | 926        | 7          | 0.3        |
| 10 2641-62       | 926        | 7          | 0.3        |
| 18 ZMB2-anu-zrn- | 926.068703 | 7.37382489 | 0.60189884 |
| 18 ZMB2-anu-zrn- | 926.068703 | 7.37382489 | 0.60189884 |
| 51 CS11-1-26     | 928.374414 | 9.62335735 | 0.71625217 |
| 51 CS11-1-26     | 928.374414 | 9.62335735 | 0.71625217 |
| 61 08SC07-8      | 929        | 6.5        | 0.23       |
| 61 08SC07-8      | 929        | 6.5        | 0.23       |
| 51 CS12-23-13    | 929.367234 | 4.59779383 | 0.47082008 |
| 51 CS12-23-13    | 929.367234 | 4.59779383 | 0.47082008 |
| 51 CS12-23-10    | 929.367234 | 5.12076478 | 0.52437299 |
| 51 CS12-23-10    | 929.367234 | 5.12076478 | 0.52437299 |
| 119 17.1         | 930        | 6          | 0.4934     |
| 18 NGR1-anu-zrn- | 930.539639 | 6.40179371 | 0.60950626 |
| 18 NGR1-anu-zrn- | 930.539639 | 6.40179371 | 0.60950626 |
| 51 CS12-17-18    | 930.631688 | 6.6816624  | 0.73506193 |
| 51 CS12-17-18    | 930.631688 | 6.6816624  | 0.73506193 |
| 51 CS12-17-8     | 932.889392 | 7.6506683  | 0.81447763 |
| 51 CS12-17-8     | 932.889392 | 7.6506683  | 0.81447763 |
| 106 10GD49-17    | 933        | 11.9       | 0.21       |
| 106 10GD48-96    | 934        | 8.12       | 0.23       |
| 106 10GD49-39    | 934        | 9.66       | 0.24       |
| 18 NIL-anu-zrn-l | 935.712776 | 4.9331828  | 0.94742329 |
| 18 NIL-anu-zrn-l | 935.712776 | 4.9331828  | 0.94742329 |



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| 51 CS12-17-43    | 935.786526 | 6.26340934 | 0.37778804 |
| 51 CS12-17-43    | 935.786526 | 6.26340934 | 0.37778804 |
| 47 PMOG-441_41-t | 937        | 10         | 0.3        |
| 47 PMOG-441_41-t | 937        | 10         | 0.3        |
| 106 10GD48-83    | 938        | 7.06       | 0.16       |
| 106 10GD48-60    | 939        | 5.97       | 0.23       |
| 20 HV1. v8       | 942        | 10         | 0.5        |
| 20 HV1. v8       | 942        | 10         | 0.5        |
| 20 HV1. v8       | 942        | 10         | 0.5        |
| 106 10GD48-31    | 942        | 6.89       | 0.22       |
| 18 NGR1-anu-zrn- | 942.766117 | 5.38478233 | 0.59347938 |
| 18 NGR1-anu-zrn- | 942.766117 | 5.38478233 | 0.59347938 |
| 106 10GD49-112   | 943        | 5.31       | 0.22       |
| 37 07SC49@60     | 944        | 6.13       | 0.4        |
| 37 07SC49@60     | 944        | 6.13       | 0.4        |
| 37 07SC49@69     | 944        | 7.79       | 0.43       |
| 37 07SC49@69     | 944        | 7.79       | 0.43       |
| 106 10GD49-102   | 944        | 5.39       | 0.32       |
| 106 10GD48-28    | 944        | 9.67       | 0.15       |
| 37 07SC65@48     | 945        | 9.77       | 0.39       |
| 37 07SC65@48     | 945        | 9.77       | 0.39       |
| 59 MO-997        | 945        | 6.3        | 0.2        |
| 59 MO-997        | 945        | 6.3        | 0.2        |
| 106 10GD48-49    | 945        | 7.98       | 0.25       |
| 51 CS12-17-16    | 945.072447 | 6.79682263 | 0.81135876 |
| 51 CS12-17-16    | 945.072447 | 6.79682263 | 0.81135876 |
| 18 NGR1-anu-zrn- | 945.7812   | 6.01695956 | 0.59539694 |
| 18 NGR1-anu-zrn- | 945.7812   | 6.01695956 | 0.59539694 |
| 106 10GD49-2     | 946        | 6.84       | 0.24       |
| 106 10GD49-101   | 946        | 9.33       | 0.36       |
| 51 BBF-11-36     | 946.17845  | 6.87766162 | 0.4418344  |
| 51 BBF-11-36     | 946.17845  | 6.87766162 | 0.4418344  |
| 20 KK1. 16       | 947        | 7.6        | 0.4        |
| 20 KK1. 16       | 947        | 7.6        | 0.4        |
| 20 KK1. 16       | 947        | 7.6        | 0.4        |
| 20 KK1. 16b      | 947        | 8.7        | 0.6        |
| 20 KK1. 16b      | 947        | 8.7        | 0.6        |
| 20 KK1. 16b      | 947        | 8.7        | 0.6        |
| 59 MO-996        | 947        | 9.3        | 0.3        |
| 59 MO-996        | 947        | 9.3        | 0.3        |
| 18 NIL-anu-zrn-l | 947.103026 | 5.52335261 | 0.56805875 |
| 18 NIL-anu-zrn-l | 947.103026 | 5.52335261 | 0.56805875 |
| 119 40.1         | 948        | 5          | 0.5119     |
| 37 07SC49@03     | 949        | 5.47       | 0.4        |
| 37 07SC49@03     | 949        | 5.47       | 0.4        |

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| 18 ZMB2-anu-zrn- | 949.142295 | 7.53055555 | 0.59716161 |
| 18 ZMB2-anu-zrn- | 949.142295 | 7.53055555 | 0.59716161 |
| 10 2641-23       | 950        | 9.5        | 1          |
| 10 2641-23       | 950        | 9.5        | 1          |
| 37 07SC65@91     | 950        | 5.15       | 0.33       |
| 37 07SC65@91     | 950        | 5.15       | 0.33       |
| 119 14.1         | 950        | 5          | 0.3347     |
| 18 CNG2-anu-zrn- | 950.593299 | 5.58937279 | 0.58673072 |
| 18 CNG2-anu-zrn- | 950.593299 | 5.58937279 | 0.58673072 |
| 10 2641-33       | 951        | 9.1        | 0.5        |
| 10 2641-33       | 951        | 9.1        | 0.5        |
| 51 CS12-23-47    | 951.162343 | 7.43155542 | 0.66929031 |
| 51 CS12-23-47    | 951.162343 | 7.43155542 | 0.66929031 |
| 18 ZMB2-anu-zrn- | 951.271023 | 8.15154117 | 0.92507126 |
| 18 ZMB2-anu-zrn- | 951.271023 | 8.15154117 | 0.92507126 |
| 18 CNG2-anu-zrn- | 952.435595 | 6.18264079 | 0.57599068 |
| 18 CNG2-anu-zrn- | 952.435595 | 6.18264079 | 0.57599068 |
| 51 CS12-17-13    | 953.280274 | 6.71070639 | 0.71173179 |
| 51 CS12-17-13    | 953.280274 | 6.71070639 | 0.71173179 |
| 18 CNG2-anu-zrn- | 953.535004 | 9.43683085 | 0.57037992 |
| 18 CNG2-anu-zrn- | 953.535004 | 9.43683085 | 0.57037992 |
| 18 NIL-anu-zrn-l | 953.841396 | 7.14386896 | 0.5523068  |
| 18 NIL-anu-zrn-l | 953.841396 | 7.14386896 | 0.5523068  |
| 106 10GD49-56    | 954        | 6.01       | 0.23       |
| 51 CS12-24-22    | 954.779542 | 5.82477345 | 0.45350006 |
| 51 CS12-24-22    | 954.779542 | 5.82477345 | 0.45350006 |
| 106 10GD48-5     | 955        | 8.3        | 0.27       |
| 51 CS12-24-31    | 955.098994 | 6.4345707  | 0.68850038 |
| 51 CS12-24-31    | 955.098994 | 6.4345707  | 0.68850038 |
| 51 CS12-17-22    | 955.508196 | 5.17756965 | 0.43928113 |
| 51 CS12-17-22    | 955.508196 | 5.17756965 | 0.43928113 |
| 119 23.1         | 956        | 8          | 0.3249     |
| 51 CS12-23-52    | 957.600266 | 6.2734515  | 0.36823117 |
| 51 CS12-23-52    | 957.600266 | 6.2734515  | 0.36823117 |
| 106 10GD49-81    | 958        | 8.84       | 0.23       |
| 106 10GD49-115   | 959        | 5.59       | 0.27       |
| 106 10GD48-111   | 959        | 6.05       | 0.19       |
| 18 CNG2-anu-zrn- | 959.014655 | 8.03071892 | 0.56762014 |
| 18 CNG2-anu-zrn- | 959.014655 | 8.03071892 | 0.56762014 |
| 51 BBF-11-56     | 959.688485 | 5.34261942 | 0.58693288 |
| 51 BBF-11-56     | 959.688485 | 5.34261942 | 0.58693288 |
| 37 07SC49@71     | 961        | 6.16       | 0.33       |
| 37 07SC49@71     | 961        | 6.16       | 0.33       |
| 37 07SC65@78     | 962        | 7.75       | 0.3        |
| 37 07SC65@78     | 962        | 7.75       | 0.3        |

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| 10 1774-44a      | 963        | 6.2        | 0.5        |
| 10 1774-44a      | 963        | 6.2        | 0.5        |
| 37 07SC65@4      | 963        | 7.96       | 0.17       |
| 37 07SC65@4      | 963        | 7.96       | 0.17       |
| 37 07SC49@87     | 963        | 8.32       | 0.39       |
| 37 07SC49@87     | 963        | 8.32       | 0.39       |
| 106 10GD49-23    | 963        | 4.66       | 0.26       |
| 119 24.1         | 963        | 11         | 0.5203     |
| 51 BBF-11-76     | 963.468356 | 4.06945981 | 0.29391066 |
| 51 BBF-11-76     | 963.468356 | 4.06945981 | 0.29391066 |
| 51 BBF-11-55     | 965.627373 | 4.8151583  | 0.49307849 |
| 51 BBF-11-55     | 965.627373 | 4.8151583  | 0.49307849 |
| 106 10GD48-2     | 967        | 7.49       | 0.31       |
| 18 ZMB2-anu-zrn- | 967.587129 | 6.14892678 | 0.99654431 |
| 18 ZMB2-anu-zrn- | 967.587129 | 6.14892678 | 0.99654431 |
| 20 HV1. v11      | 968        | 8.8        | 0.5        |
| 20 HV1. v11      | 968        | 8.8        | 0.5        |
| 20 HV1. v11      | 968        | 8.8        | 0.5        |
| 106 10GD49-18    | 968        | 7.56       | 0.28       |
| 18 ZMB2-anu-zrn- | 968.232318 | 7.24063814 | 0.57858716 |
| 18 ZMB2-anu-zrn- | 968.232318 | 7.24063814 | 0.57858716 |
| 18 ZMB2-anu-zrn- | 968.362595 | 7.09943676 | 0.59209918 |
| 18 ZMB2-anu-zrn- | 968.362595 | 7.09943676 | 0.59209918 |
| 37 07SC49@85     | 970        | 8.63       | 0.48       |
| 37 07SC49@85     | 970        | 8.63       | 0.48       |
| 18 ZMB2-anu-zrn- | 970.424907 | 6.43940731 | 0.94550763 |
| 18 ZMB2-anu-zrn- | 970.424907 | 6.43940731 | 0.94550763 |
| 51 BBF-11-101    | 970.681444 | 5.78831303 | 0.5927308  |
| 51 BBF-11-101    | 970.681444 | 5.78831303 | 0.5927308  |
| 51 CS12-24-41    | 970.942238 | 7.54686621 | 0.78840565 |
| 51 CS12-24-41    | 970.942238 | 7.54686621 | 0.78840565 |
| 30 n2539-rpt-42  | 971        | 9.38       | 0.29       |
| 30 n2539-rpt-42  | 971        | 9.38       | 0.29       |
| 18 NGR1-anu-zrn- | 971.948542 | 5.58002688 | 0.59119979 |
| 18 NGR1-anu-zrn- | 971.948542 | 5.58002688 | 0.59119979 |
| 106 10GD49-8     | 972        | 5.06       | 0.28       |
| 37 07SC49@30     | 973        | 8.39       | 0.3        |
| 37 07SC49@30     | 973        | 8.39       | 0.3        |
| 106 10GD48-120   | 973        | 8.89       | 0.23       |
| 121 18           | 973        | 7.81       | 0.20       |
| 51 CS11-13_37    | 973.37101  | 5.46252036 | 0.20201591 |
| 51 CS11-13_37    | 973.37101  | 5.46252036 | 0.20201591 |
| 119 38.1         | 975        | 5.4044     | 0.3319     |
| 18 ORG2-anu-zrn- | 975.280242 | 5.04959496 | 0.73874368 |
| 18 ORG2-anu-zrn- | 975.280242 | 5.04959496 | 0.73874368 |

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| 51 CS11-13_42    | 975.747449 | 8.1588811  | 0.18782177 |
| 51 CS11-13_42    | 975.747449 | 8.1588811  | 0.18782177 |
| 51 CS12-24-42    | 975.910084 | 8.42425265 | 1.07784715 |
| 51 CS12-24-42    | 975.910084 | 8.42425265 | 1.07784715 |
| 51 CS12-25-52    | 977.454205 | 5.76822654 | 0.46360081 |
| 51 CS12-25-52    | 977.454205 | 5.76822654 | 0.46360081 |
| 18 CNG2-anu-zrn- | 978.367219 | 5.95925753 | 0.58339071 |
| 18 CNG2-anu-zrn- | 978.367219 | 5.95925753 | 0.58339071 |
| 20 BB6.8a        | 979        | 5          | 0.3        |
| 20 BB6.8a        | 979        | 5          | 0.3        |
| 20 BB6.8a        | 979        | 5          | 0.3        |
| 106 10GD48-3     | 979        | 7.79       | 0.17       |
| 121 6            | 979        | 6.88       | 0.24       |
| 106 10GD49-46    | 980        | 11.14      | 0.24       |
| 106 10GD48-1     | 981        | 6.34       | 0.23       |
| 106 10GD49-116   | 981        | 8.8        | 0.33       |
| 51 CS12-24-52    | 982.611719 | 6.18301639 | 0.47962705 |
| 51 CS12-24-52    | 982.611719 | 6.18301639 | 0.47962705 |
| 51 CS12-25-31    | 982.834001 | 4.59131277 | 0.47015641 |
| 51 CS12-25-31    | 982.834001 | 4.59131277 | 0.47015641 |
| 106 10GD49-21    | 983        | 5.75       | 0.28       |
| 51 CS11-18-8     | 983.572857 | 6.69937352 | 0.4766771  |
| 51 CS11-18-8     | 983.572857 | 6.69937352 | 0.4766771  |
| 106 10GD49-36    | 984        | 6.59       | 0.28       |
| 119 21.1         | 984        | 9          | 0.5022     |
| 18 NGR1-anu-zrn- | 984.320302 | 5.83113855 | 0.59692246 |
| 18 NGR1-anu-zrn- | 984.320302 | 5.83113855 | 0.59692246 |
| 51 CS11-19-29    | 985.013448 | 5.9097125  | 0.3763144  |
| 51 CS11-19-29    | 985.013448 | 5.9097125  | 0.3763144  |
| 51 CS12-17-29    | 985.576955 | 6.40377576 | 0.70084977 |
| 51 CS12-17-29    | 985.576955 | 6.40377576 | 0.70084977 |
| 30 n2539-rpt-a6: | 986        | 7.65       | 0.32       |
| 30 n2539-rpt-a6: | 986        | 7.65       | 0.32       |
| 30 n2539-rpt-35  | 986        | 8.38       | 0.28       |
| 30 n2539-rpt-35  | 986        | 8.38       | 0.28       |
| 47 PMOG-441_41-t | 986        | 5.1        | 0.3        |
| 47 PMOG-441_41-t | 986        | 5.1        | 0.3        |
| 10 2436-03       | 987        | 5.5        | 0.4        |
| 10 2436-03       | 987        | 5.5        | 0.4        |
| 51 CS11-18-46    | 987.544427 | 5.08680298 | 0.36900906 |
| 51 CS11-18-46    | 987.544427 | 5.08680298 | 0.36900906 |
| 51 CS12-24-39    | 987.678918 | 8.50870448 | 1.05691357 |
| 51 CS12-24-39    | 987.678918 | 8.50870448 | 1.05691357 |
| 60 VGt-457       | 988        | 5.8        | 0.4        |
| 60 VGt-457       | 988        | 5.8        | 0.4        |

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| 106 10GD49-14    |            | 989 | 9.55       | 0.31       |
| 119              | 4.1        | 989 | 7.5202     | 0.2989     |
| 37 07SC65@60     |            | 990 | 5.32       | 0.27       |
| 37 07SC65@60     |            | 990 | 5.32       | 0.27       |
| 18 ZMB2-anu-zrn- | 990.201163 |     | 7.16240799 | 0.59463853 |
| 18 ZMB2-anu-zrn- | 990.201163 |     | 7.16240799 | 0.59463853 |
| 52 BBF-29-4      | 990.837109 |     | 3.42297009 | 0.21508183 |
| 52 BBF-29-4      | 990.837109 |     | 3.42297009 | 0.21508183 |
| 37 07SC65@50     |            | 991 | 8.2        | 0.36       |
| 37 07SC65@50     |            | 991 | 8.2        | 0.36       |
| 51 CS11-19-15    | 991.08579  |     | 6.51861199 | 0.88056024 |
| 51 CS11-19-15    | 991.08579  |     | 6.51861199 | 0.88056024 |
| 18 ZMB2-anu-zrn- | 991.432891 |     | 6.83539593 | 0.60375039 |
| 18 ZMB2-anu-zrn- | 991.432891 |     | 6.83539593 | 0.60375039 |
| 18 NIL-anu-zrn-l | 991.446961 |     | 6.53838505 | 0.92210398 |
| 18 NIL-anu-zrn-l | 991.446961 |     | 6.53838505 | 0.92210398 |
| 51 BBF-11-81     | 991.491135 |     | 6.33918589 | 0.56145036 |
| 51 BBF-11-81     | 991.491135 |     | 6.33918589 | 0.56145036 |
| 51 CS12-17-17    | 991.521463 |     | 6.92149609 | 0.67477846 |
| 51 CS12-17-17    | 991.521463 |     | 6.92149609 | 0.67477846 |
| 37 07SC65@88     |            | 992 | 5.93       | 0.17       |
| 37 07SC65@88     |            | 992 | 5.93       | 0.17       |
| 18 ZMB2-anu-zrn- | 992.214229 |     | 8.17231068 | 0.59259691 |
| 18 ZMB2-anu-zrn- | 992.214229 |     | 8.17231068 | 0.59259691 |
| 18 ZMB2-anu-zrn- | 992.683996 |     | 6.67689447 | 0.60370315 |
| 18 ZMB2-anu-zrn- | 992.683996 |     | 6.67689447 | 0.60370315 |
| 30 n2539-rpt-9   |            | 993 | 6.33       | 0.3        |
| 30 n2539-rpt-9   |            | 993 | 6.33       | 0.3        |
| 37 07SC65@40     |            | 993 | 7.62       | 0.42       |
| 37 07SC65@40     |            | 993 | 7.62       | 0.42       |
| 51 CS11-18-15    | 993.788844 |     | 6.60415403 | 0.73017588 |
| 51 CS11-18-15    | 993.788844 |     | 6.60415403 | 0.73017588 |
| 51 CS11-18-4     | 993.934746 |     | 6.08289788 | 0.46981051 |
| 51 CS11-18-4     | 993.934746 |     | 6.08289788 | 0.46981051 |
| 106 10GD48-99    |            | 994 | 7.9        | 0.21       |
| 106 10GD49-25    |            | 995 | 7.65       | 0.33       |
| 51 CS11-18-6     | 995.809906 |     | 6.48479985 | 0.45612628 |
| 51 CS11-18-6     | 995.809906 |     | 6.48479985 | 0.45612628 |
| 10 1746-42       |            | 996 | 9.5        | 0.5        |
| 10 1746-42       |            | 996 | 9.5        | 0.5        |
| 55 AC85-9        |            | 996 | 7.75       |            |
| 55 AC85-9        |            | 996 | 7.75       |            |
| 106 10GD48-24    |            | 996 | 5.35       | 0.28       |
| 37 07SC51-1@07   |            | 997 | 7.95       | 0.31       |
| 37 07SC51-1@07   |            | 997 | 7.95       | 0.31       |

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| 106 | 10GD49-111       | 997        | 7.61       | 0.3        |
| 119 | 41.1             | 997        | 7          | 0.8516     |
|     | 18 NIL-anu-zrn-l | 997.292488 | 6.66263596 | 0.94234478 |
|     | 18 NIL-anu-zrn-l | 997.292488 | 6.66263596 | 0.94234478 |
|     | 56 S-27-82 200P  | 998        | 7.83       |            |
|     | 56 S-27-82 200P  | 998        | 7.83       |            |
|     | 18 ZMB2-anu-zrn- | 998.054412 | 7.14387976 | 0.60056958 |
|     | 18 ZMB2-anu-zrn- | 998.054412 | 7.14387976 | 0.60056958 |
|     | 51 CS11-13_14    | 998.815758 | 8.11637542 | 0.21297077 |
|     | 51 CS11-13_14    | 998.815758 | 8.11637542 | 0.21297077 |
|     | 37 07SC49@46     | 999        | 9.31       | 0.36       |
|     | 37 07SC49@46     | 999        | 9.31       | 0.36       |
|     | 47 PMOG_P-45.1   | 999        | 7.9        | 0.7        |
|     | 47 PMOG_P-45.1   | 999        | 7.9        | 0.7        |
|     | 56 WP57          | 999        | 7.52       |            |
|     | 56 WP57          | 999        | 7.52       |            |
| 106 | 10GD48-42        | 999        | 5.23       | 0.24       |
|     | 18 CNG2-anu-zrn- | 999.714468 | 7.74215739 | 0.5740822  |
|     | 18 CNG2-anu-zrn- | 999.714468 | 7.74215739 | 0.5740822  |
|     | 56 VRMB          | 1000       | 7.46       |            |
|     | 56 VRMB          | 1000       | 7.46       |            |
|     | 56 UCUR-3        | 1000       | 8.4        |            |
|     | 56 UCUR-3        | 1000       | 8.4        |            |
|     | 18 ZMB2-anu-zrn- | 1000.01129 | 7.08436763 | 0.5944486  |
|     | 18 ZMB2-anu-zrn- | 1000.01129 | 7.08436763 | 0.5944486  |
|     | 18 NIL-anu-zrn-l | 1000.31717 | 7.30779912 | 0.96552327 |
|     | 18 NIL-anu-zrn-l | 1000.31717 | 7.30779912 | 0.96552327 |
|     | 59 M0-984        | 1001       | 6.5        | 0.2        |
|     | 59 M0-984        | 1001       | 6.5        | 0.2        |
| 106 | 10GD48-98        | 1001       | 7.62       | 0.1        |
|     | 18 NIL-anu-zrn-l | 1001.49579 | 6.49811768 | 0.55482698 |
|     | 18 NIL-anu-zrn-l | 1001.49579 | 6.49811768 | 0.55482698 |
|     | 51 CS11-13_26    | 1001.76811 | 7.25075961 | 0.19721779 |
|     | 51 CS11-13_26    | 1001.76811 | 7.25075961 | 0.19721779 |
| 119 | 13.1             | 1002       | 6          | 0.345      |
|     | 18 CNG2-anu-zrn- | 1002.12116 | 6.74880814 | 0.5655572  |
|     | 18 CNG2-anu-zrn- | 1002.12116 | 6.74880814 | 0.5655572  |
|     | 52 CP03-51-4     | 1002.21453 | 5.6687492  | 0.22929692 |
|     | 52 CP03-51-4     | 1002.21453 | 5.6687492  | 0.22929692 |
|     | 51 CS12-23-3     | 1002.68578 | 6.17744434 | 0.73185616 |
|     | 51 CS12-23-3     | 1002.68578 | 6.17744434 | 0.73185616 |
|     | 51 BBF-11-68     | 1002.70494 | 7.19360739 | 0.76507371 |
|     | 51 BBF-11-68     | 1002.70494 | 7.19360739 | 0.76507371 |
| 106 | 10GD49-11        | 1003       | 5.91       | 0.2        |
|     | 18 CNG2-anu-zrn- | 1003.66318 | 7.31537705 | 0.58576515 |

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| 18 CNG2-anu-zrn | 1003.66318 | 7.31537705 | 0.58576515 |
| 20 KK1.3        | 1004       | 4          | 0.4        |
| 20 KK1.3        | 1004       | 4          | 0.4        |
| 20 KK1.3        | 1004       | 4          | 0.4        |
| 106 10GD49-58   | 1006       | 7.06       | 0.18       |
| 106 10GD48-51   | 1006       | 7.38       | 0.17       |
| 107 WPG90/4_37  | 1006       | 5.68       | 0.14       |
| 107 DL90/7_5    | 1006       | 7.79       | 0.21       |
| 51 CS12-24-54   | 1006.02546 | 8.18743207 | 0.87142406 |
| 51 CS12-24-54   | 1006.02546 | 8.18743207 | 0.87142406 |
| 51 CS12-17-39   | 1006.4941  | 7.85026638 | 0.80657437 |
| 51 CS12-17-39   | 1006.4941  | 7.85026638 | 0.80657437 |
| 18 ORG2-anu-zrn | 1006.73118 | 7.01605152 | 0.74816929 |
| 18 ORG2-anu-zrn | 1006.73118 | 7.01605152 | 0.74816929 |
| 37 07SC49@39    | 1007       | 5.84       | 0.28       |
| 37 07SC49@39    | 1007       | 5.84       | 0.28       |
| 56 Z7 200       | 1007       | 7.5        |            |
| 56 Z7 200       | 1007       | 7.5        |            |
| 106 10GD49-83   | 1007       | 6.16       | 0.31       |
| 51 CS11-18-39   | 1007.21564 | 7.87527867 | 0.77430047 |
| 51 CS11-18-39   | 1007.21564 | 7.87527867 | 0.77430047 |
| 107 WPG90/4_14  | 1008       | 6.37       | 0.21       |
| 18 ZMB2-anu-zrn | 1008.36868 | 7.14762494 | 0.95635873 |
| 18 ZMB2-anu-zrn | 1008.36868 | 7.14762494 | 0.95635873 |
| 56 SI64-1       | 1009       | 8.17       |            |
| 56 SI64-1       | 1009       | 8.17       |            |
| 59 M0-1288      | 1009       | 8.9        | 0.2        |
| 59 M0-1288      | 1009       | 8.9        | 0.2        |
| 75 55.1         | 1009       | 8.29       | 0.41       |
| 107 WPG90/4_26  | 1009       | 7.08       | 0.3        |
| 18 CNG2-anu-zrn | 1009.87054 | 5.47065521 | 0.5876731  |
| 18 CNG2-anu-zrn | 1009.87054 | 5.47065521 | 0.5876731  |
| 10 1774-80      | 1010       | 4.6        | 0.6        |
| 10 1774-80      | 1010       | 4.6        | 0.6        |
| 20 HV1.13       | 1010       | 6.4        | 0.6        |
| 20 HV1.13       | 1010       | 6.4        | 0.6        |
| 20 HV1.13       | 1010       | 6.4        | 0.6        |
| 56 Z5 200R      | 1010       | 6.67       |            |
| 56 Z5 200R      | 1010       | 6.67       |            |
| 56 Z5 200P      | 1010       | 8.05       |            |
| 56 Z5 200P      | 1010       | 8.05       |            |
| 119 9.1         | 1010       | 9          | 0.3393     |
| 51 CS11-20-5    | 1010.42046 | 5.45750979 | 0.31863172 |
| 51 CS11-20-5    | 1010.42046 | 5.45750979 | 0.31863172 |
| 37 07SC65@65    | 1011       | 6.24       | 0.35       |

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| 37 07SC65@65     | 1011       | 6.24       | 0.35       |
| 56 S-23-82       | 1011       | 7.21       |            |
| 56 S-23-82       | 1011       | 7.21       |            |
| 106 10GD48-78    | 1011       | 10.55      | 0.31       |
| 107 IT/12_1      | 1011       | 6.75       | 0.14       |
| 119 49.1         | 1011       | 7.2499     | 0.511      |
| 18 ORG2-anu-zrn- | 1011.21678 | 6.57676646 | 0.55621378 |
| 18 ORG2-anu-zrn- | 1011.21678 | 6.57676646 | 0.55621378 |
| 18 CNG2-anu-zrn- | 1013.23729 | 6.64963955 | 0.56675937 |
| 18 CNG2-anu-zrn- | 1013.23729 | 6.64963955 | 0.56675937 |
| 18 ZMB2-anu-zrn- | 1013.5996  | 7.06840188 | 0.59374535 |
| 18 ZMB2-anu-zrn- | 1013.5996  | 7.06840188 | 0.59374535 |
| 18 ZMB2-anu-zrn- | 1013.80899 | 7.66849127 | 0.60269947 |
| 18 ZMB2-anu-zrn- | 1013.80899 | 7.66849127 | 0.60269947 |
| 18 CNG2-anu-zrn- | 1013.896   | 7.45351447 | 0.55581739 |
| 18 CNG2-anu-zrn- | 1013.896   | 7.45351447 | 0.55581739 |
| 51 BBF-11-105    | 1013.95366 | 4.93467033 | 0.36124524 |
| 51 BBF-11-105    | 1013.95366 | 4.93467033 | 0.36124524 |
| 18 ORG2-anu-zrn- | 1014.56914 | 1.21565551 | 0.74919388 |
| 18 ORG2-anu-zrn- | 1014.56914 | 1.21565551 | 0.74919388 |
| 52 CP04-45-26    | 1014.92219 | 5.35341274 | 0.21062033 |
| 52 CP04-45-26    | 1014.92219 | 5.35341274 | 0.21062033 |
| 10 2606-24       | 1015       | 7.1        | 0.4        |
| 10 2606-24       | 1015       | 7.1        | 0.4        |
| 51 CS12-17-58    | 1015.46523 | 5.7807494  | 0.60185087 |
| 51 CS12-17-58    | 1015.46523 | 5.7807494  | 0.60185087 |
| 5 RNZ49          | 1016       | 5.8        |            |
| 5 RNZ49          | 1016       | 5.8        |            |
| 61 08SC74-58     | 1016       | 10.8       | 0.14       |
| 61 08SC74-58     | 1016       | 10.8       | 0.14       |
| 18 ZMB2-anu-zrn- | 1016.14035 | 8.55393095 | 0.96973704 |
| 18 ZMB2-anu-zrn- | 1016.14035 | 8.55393095 | 0.96973704 |
| 51 CS11-20-30    | 1016.23061 | 5.59565845 | 0.52242351 |
| 51 CS11-20-30    | 1016.23061 | 5.59565845 | 0.52242351 |
| 51 CS12-17-24    | 1016.57789 | 9.79549488 | 0.88637588 |
| 51 CS12-17-24    | 1016.57789 | 9.79549488 | 0.88637588 |
| 18 ORG2-anu-zrn- | 1017.1506  | 8.56833682 | 0.54866765 |
| 18 ORG2-anu-zrn- | 1017.1506  | 8.56833682 | 0.54866765 |
| 10 2436-19       | 1018       | 10         | 0.6        |
| 10 2436-19       | 1018       | 10         | 0.6        |
| 47 PMOG-233_33-: | 1018       | 6.8        | 0.3        |
| 47 PMOG-233_33-: | 1018       | 6.8        | 0.3        |
| 106 10GD49-43    | 1018       | 6          | 0.42       |
| 18 ZMB2-anu-zrn- | 1018.43458 | 6.57202805 | 0.58995258 |
| 18 ZMB2-anu-zrn- | 1018.43458 | 6.57202805 | 0.58995258 |



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| 18 ZMB2-anu-zrn- | 1018.75662 | 6.25294201 | 0.54844379 |
| 18 ZMB2-anu-zrn- | 1018.75662 | 6.25294201 | 0.54844379 |
| 51 CS11-20-32    | 1018.78186 | 6.99860338 | 0.61373073 |
| 51 CS11-20-32    | 1018.78186 | 6.99860338 | 0.61373073 |
| 51 CS11-13_07    | 1018.90016 | 6.58267022 | 0.21806674 |
| 51 CS11-13_07    | 1018.90016 | 6.58267022 | 0.21806674 |
| 56 Z10 200R      | 1019       | 7.33       |            |
| 56 Z10 200R      | 1019       | 7.33       |            |
| 119 32.1         | 1019       | 9          | 0.3804     |
| 52 BBF-29-24     | 1019.61828 | 4.89492508 | 0.50124671 |
| 52 BBF-29-24     | 1019.61828 | 4.89492508 | 0.50124671 |
| 37 07SC49@21     | 1020       | 6.89       | 0.25       |
| 37 07SC49@21     | 1020       | 6.89       | 0.25       |
| 10 2641-44       | 1021       | 5.2        | 0.6        |
| 10 2641-44       | 1021       | 5.2        | 0.6        |
| 56 S-25-82 200P  | 1021       | 5.73       |            |
| 56 S-25-82 200P  | 1021       | 5.73       |            |
| 106 10GD48-8     | 1021       | 9.34       | 0.24       |
| 52 CP03-51-58    | 1021.61    | 6.70663853 | 0.18966912 |
| 52 CP03-51-58    | 1021.61    | 6.70663853 | 0.18966912 |
| 18 NIL-anu-zrn-l | 1021.80442 | 6.96676476 | 0.56511222 |
| 18 NIL-anu-zrn-l | 1021.80442 | 6.96676476 | 0.56511222 |
| 49 MM26302 6     | 1022       | 5.47351509 | 0.64555346 |
| 49 MM26302 6     | 1022       | 5.47351509 | 0.64555346 |
| 49 MM26302 13    | 1022       | 5.8079909  | 0.71369917 |
| 49 MM26302 13    | 1022       | 5.8079909  | 0.71369917 |
| 49 MM26302 17    | 1022       | 5.98755876 | 0.70501652 |
| 49 MM26302 17    | 1022       | 5.98755876 | 0.70501652 |
| 49 MM26302 10    | 1022       | 6.5161507  | 0.62774739 |
| 49 MM26302 10    | 1022       | 6.5161507  | 0.62774739 |
| 49 MM26302 5     | 1022       | 6.64       | 0.68269604 |
| 49 MM26302 5     | 1022       | 6.64       | 0.68269604 |
| 49 MM26302 11    | 1022       | 6.76772521 | 0.63167685 |
| 49 MM26302 11    | 1022       | 6.76772521 | 0.63167685 |
| 49 MM26302 16    | 1022       | 6.78602957 | 0.74853678 |
| 49 MM26302 16    | 1022       | 6.78602957 | 0.74853678 |
| 49 MM26302 18    | 1022       | 6.78844841 | 0.66358763 |
| 49 MM26302 18    | 1022       | 6.78844841 | 0.66358763 |
| 49 MM26302 26    | 1022       | 6.87554976 | 0.66296427 |
| 49 MM26302 26    | 1022       | 6.87554976 | 0.66296427 |
| 49 MM26302 25    | 1022       | 6.99845669 | 0.6857737  |
| 49 MM26302 25    | 1022       | 6.99845669 | 0.6857737  |
| 49 MM26302 4     | 1022       | 7.01803639 | 0.6654693  |
| 49 MM26302 4     | 1022       | 7.01803639 | 0.6654693  |
| 49 MM26302 27    | 1022       | 7.787792   | 0.70107862 |

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| 49 MM26302 27    | 1022       | 7.787792   | 0.70107862 |
| 106 10GD48-68    | 1022       | 8.29       | 0.3        |
| 10 1746-30       | 1023       | 7.3        | 0.4        |
| 10 1746-30       | 1023       | 7.3        | 0.4        |
| 10 2436-04       | 1023       | 9.5        | 0.4        |
| 10 2436-04       | 1023       | 9.5        | 0.4        |
| 37 07SC65@82     | 1023       | 7.44       | 0.39       |
| 37 07SC65@82     | 1023       | 7.44       | 0.39       |
| 106 10GD48-112   | 1023       | 5.08       | 0.31       |
| 106 10GD49-16    | 1023       | 5.97       | 0.14       |
| 106 10GD49-79    | 1023       | 7.56       | 0.18       |
| 119 46.1         | 1023       | 5          | 0.3976     |
| 18 CNG2-anu-zrn- | 1023.18155 | 8.5480754  | 0.58084091 |
| 18 CNG2-anu-zrn- | 1023.18155 | 8.5480754  | 0.58084091 |
| 51 CS11-20-23    | 1023.52884 | 5.64769688 | 0.45405932 |
| 51 CS11-20-23    | 1023.52884 | 5.64769688 | 0.45405932 |
| 18 CNG2-anu-zrn- | 1023.79335 | 7.37175905 | 0.58150759 |
| 18 CNG2-anu-zrn- | 1023.79335 | 7.37175905 | 0.58150759 |
| 18 ORG2-anu-zrn- | 1023.88173 | 7.03651178 | 0.55433975 |
| 18 ORG2-anu-zrn- | 1023.88173 | 7.03651178 | 0.55433975 |
| 51 CS11-13_84    | 1023.96538 | 5.52352852 | 0.18831873 |
| 51 CS11-13_84    | 1023.96538 | 5.52352852 | 0.18831873 |
| 106 10GD49-55    | 1024       | 7.53       | 0.3        |
| 56 Z1 200        | 1025       | 8.04       |            |
| 56 Z1 200        | 1025       | 8.04       |            |
| 18 ORG2-anu-zrn- | 1025.77954 | 7.69147446 | 0.74496892 |
| 18 ORG2-anu-zrn- | 1025.77954 | 7.69147446 | 0.74496892 |
| 106 10GD48-43    | 1026       | 5.99       | 0.37       |
| 119 32.1         | 1026       | 9.1763     | 0.347      |
| 18 NIL-anu-zrn-l | 1026.62154 | 8.00670116 | 0.9465717  |
| 18 NIL-anu-zrn-l | 1026.62154 | 8.00670116 | 0.9465717  |
| 106 10GD49-114   | 1027       | 6.94       | 0.31       |
| 18 CNG2-anu-zrn- | 1027.1237  | 5.42544924 | 0.5788527  |
| 18 CNG2-anu-zrn- | 1027.1237  | 5.42544924 | 0.5788527  |
| 18 ZMB2-anu-zrn- | 1027.80806 | 7.46702108 | 0.55066202 |
| 18 ZMB2-anu-zrn- | 1027.80806 | 7.46702108 | 0.55066202 |
| 51 CS12-17-15    | 1027.87355 | 6.4573503  | 0.55584653 |
| 51 CS12-17-15    | 1027.87355 | 6.4573503  | 0.55584653 |
| 10 1774-63       | 1028       | 6.1        | 0.6        |
| 10 1774-63       | 1028       | 6.1        | 0.6        |
| 56 Z6 200        | 1028       | 8.2        |            |
| 56 Z6 200        | 1028       | 8.2        |            |
| 119 47.1         | 1028       | 7.9666     | 0.4943     |
| 18 ORG2-anu-zrn- | 1028.12528 | 7.30950223 | 0.54480204 |
| 18 ORG2-anu-zrn- | 1028.12528 | 7.30950223 | 0.54480204 |

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| 18 CNG2-anu-zrn- | 1028.93268 | 7.55357308 | 0.57886837 |
| 18 CNG2-anu-zrn- | 1028.93268 | 7.55357308 | 0.57886837 |
| 10 2641-36       | 1030       | 9.5        | 0.6        |
| 10 2641-36       | 1030       | 9.5        | 0.6        |
| 47 PMOG-441_41-  | 1030       | 4.3        | 0.3        |
| 47 PMOG-441_41-  | 1030       | 4.3        | 0.3        |
| 107 DL90/7_8     | 1030       | 6.9        | 0.31       |
| 52 CP04-27-70    | 1030.62227 | 6.34572555 | 0.230468   |
| 52 CP04-27-70    | 1030.62227 | 6.34572555 | 0.230468   |
| 60 vgt-146       | 1031       | 6.1        | 0.2        |
| 60 vgt-146       | 1031       | 6.1        | 0.2        |
| 106 10GD49-31    | 1031       | 4.94       | 0.32       |
| 119 65.1         | 1031       | 7.7443     | 0.3708     |
| 51 CS12-24-1     | 1031.13355 | 6.82926465 | 0.63508054 |
| 51 CS12-24-1     | 1031.13355 | 6.82926465 | 0.63508054 |
| 18 ZMB2-anu-zrn- | 1031.82033 | 7.22201751 | 0.59936952 |
| 18 ZMB2-anu-zrn- | 1031.82033 | 7.22201751 | 0.59936952 |
| 51 CS11-19-57b   | 1031.97625 | 7.20194779 | 0.59953188 |
| 51 CS11-19-57b   | 1031.97625 | 7.20194779 | 0.59953188 |
| 47 PMOG-441_41-  | 1032       | 8.8        | 0.3        |
| 47 PMOG-441_41-  | 1032       | 8.8        | 0.3        |
| 106 10GD48-88    | 1032       | 6.32       | 0.24       |
| 18 CNG2-anu-zrn- | 1032.65315 | 6.09355016 | 0.56975412 |
| 18 CNG2-anu-zrn- | 1032.65315 | 6.09355016 | 0.56975412 |
| 10 1774-03       | 1033       | 10.7       | 0.5        |
| 10 1774-03       | 1033       | 10.7       | 0.5        |
| 119 55.1         | 1033       | 6.9022     | 0.4888     |
| 56 PLPEG NM1     | 1034       | 6.58       |            |
| 56 PLPEG NM1     | 1034       | 6.58       |            |
| 106 10GD48-26    | 1034       | 11.04      | 0.24       |
| 18 ORG2-anu-zrn- | 1034.10785 | 6.54386815 | 0.77054866 |
| 18 ORG2-anu-zrn- | 1034.10785 | 6.54386815 | 0.77054866 |
| 18 NIL-anu-zrn-l | 1034.23612 | 7.07011259 | 1.03045935 |
| 18 NIL-anu-zrn-l | 1034.23612 | 7.07011259 | 1.03045935 |
| 18 ZMB2-anu-zrn- | 1034.50935 | 8.59164289 | 0.56130982 |
| 18 ZMB2-anu-zrn- | 1034.50935 | 8.59164289 | 0.56130982 |
| 18 ORG2-anu-zrn- | 1034.77337 | 7.202436   | 0.54604056 |
| 18 ORG2-anu-zrn- | 1034.77337 | 7.202436   | 0.54604056 |
| 49 MM2247 14     | 1035       | 4.66285417 | 0.94689213 |
| 49 MM2247 14     | 1035       | 4.66285417 | 0.94689213 |
| 49 MM2247 14     | 1035       | 4.71094991 | 0.92176611 |
| 49 MM2247 14     | 1035       | 4.71094991 | 0.92176611 |
| 49 MM2247 14     | 1035       | 5.12384666 | 0.94959934 |
| 49 MM2247 14     | 1035       | 5.12384666 | 0.94959934 |
| 49 MM2247 14     | 1035       | 5.48502007 | 0.92864998 |

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| 49 MM2247 14                 | 1035       | 5.48502007 | 0.92864998 |
| 49 MM2247 13                 | 1035       | 5.78689491 | 1.07005827 |
| 49 MM2247 13                 | 1035       | 5.78689491 | 1.07005827 |
| 49 MM2247 14                 | 1035       | 6.00008058 | 0.96344071 |
| 49 MM2247 14                 | 1035       | 6.00008058 | 0.96344071 |
| 49 MM2247 13                 | 1035       | 6.53777126 | 1.15861401 |
| 49 MM2247 13                 | 1035       | 6.53777126 | 1.15861401 |
| 49 MM2247 14                 | 1035       | 7.58239803 | 1.16312289 |
| 49 MM2247 14                 | 1035       | 7.58239803 | 1.16312289 |
| 106 10GD48-66                | 1035       | 7.85       | 0.22       |
| 107 WPG90/4_5                | 1035       | 7.13       | 0.2        |
| 18 NIL-anu-zrn-l             | 1035.51336 | 6.11239627 | 0.55366741 |
| 18 NIL-anu-zrn-l             | 1035.51336 | 6.11239627 | 0.55366741 |
| 51 CS12-17-54                | 1035.69077 | 6.65417861 | 0.75254758 |
| 51 CS12-17-54                | 1035.69077 | 6.65417861 | 0.75254758 |
| 106 10GD48-29                | 1036       | 5.52       | 0.18       |
| 51 CS12-23-55                | 1036.61503 | 5.4630933  | 0.66280418 |
| 51 CS12-23-55                | 1036.61503 | 5.4630933  | 0.66280418 |
| 47 PMOG-233_33- <del>4</del> | 1037       | 6.8        | 0.3        |
| 47 PMOG-233_33- <del>4</del> | 1037       | 6.8        | 0.3        |
| 49 SA3-01 10                 | 1037       | 5.47531602 | 0.73808442 |
| 49 SA3-01 10                 | 1037       | 5.47531602 | 0.73808442 |
| 49 SA3-01 18                 | 1037       | 5.91080249 | 0.73053726 |
| 49 SA3-01 18                 | 1037       | 5.91080249 | 0.73053726 |
| 49 SA3-01 4                  | 1037       | 5.91562062 | 0.65580806 |
| 49 SA3-01 4                  | 1037       | 5.91562062 | 0.65580806 |
| 49 SA3-01 5                  | 1037       | 5.95858092 | 0.69668357 |
| 49 SA3-01 5                  | 1037       | 5.95858092 | 0.69668357 |
| 49 SA3-01 45                 | 1037       | 6.2788115  | 0.75267899 |
| 49 SA3-01 45                 | 1037       | 6.2788115  | 0.75267899 |
| 49 SA3-01 13                 | 1037       | 6.3903522  | 0.73306184 |
| 49 SA3-01 13                 | 1037       | 6.3903522  | 0.73306184 |
| 49 SA3-01 17                 | 1037       | 6.46222413 | 0.7150199  |
| 49 SA3-01 17                 | 1037       | 6.46222413 | 0.7150199  |
| 49 SA3-01 24                 | 1037       | 6.53860955 | 0.76967133 |
| 49 SA3-01 24                 | 1037       | 6.53860955 | 0.76967133 |
| 49 SA3-01 33a                | 1037       | 6.5727301  | 0.74965768 |
| 49 SA3-01 33a                | 1037       | 6.5727301  | 0.74965768 |
| 49 SA3-01 19a                | 1037       | 6.61524242 | 0.77113552 |
| 49 SA3-01 19a                | 1037       | 6.61524242 | 0.77113552 |
| 49 SA3-01 15                 | 1037       | 6.61692078 | 0.76859045 |
| 49 SA3-01 15                 | 1037       | 6.61692078 | 0.76859045 |
| 49 SA3-01 16                 | 1037       | 6.76157072 | 0.82893575 |
| 49 SA3-01 16                 | 1037       | 6.76157072 | 0.82893575 |
| 49 SA3-01 7                  | 1037       | 6.78254786 | 0.69789411 |

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| 49 SA3-01 7      | 1037       | 6.78254786 | 0.69789411 |
| 49 SA3-01 33c    | 1037       | 6.82497251 | 0.70266194 |
| 49 SA3-01 33c    | 1037       | 6.82497251 | 0.70266194 |
| 49 SA3-01 12a    | 1037       | 6.83571494 | 0.74984756 |
| 49 SA3-01 12a    | 1037       | 6.83571494 | 0.74984756 |
| 49 SA3-01 38     | 1037       | 6.9008195  | 0.76912828 |
| 49 SA3-01 38     | 1037       | 6.9008195  | 0.76912828 |
| 49 SA3-01 12b    | 1037       | 6.93133074 | 0.74823948 |
| 49 SA3-01 12b    | 1037       | 6.93133074 | 0.74823948 |
| 49 SA3-01 22     | 1037       | 6.94346453 | 0.77378418 |
| 49 SA3-01 22     | 1037       | 6.94346453 | 0.77378418 |
| 49 SA3-01 33b    | 1037       | 7.06831998 | 0.70512846 |
| 49 SA3-01 33b    | 1037       | 7.06831998 | 0.70512846 |
| 49 SA3-01 19b    | 1037       | 7.15088387 | 0.72920634 |
| 49 SA3-01 19b    | 1037       | 7.15088387 | 0.72920634 |
| 18 ORG2-anu-zrn- | 1037.30092 | 8.11132893 | 0.5504936  |
| 18 ORG2-anu-zrn- | 1037.30092 | 8.11132893 | 0.5504936  |
| 18 CNG2-anu-zrn- | 1037.31025 | 5.88760165 | 0.5655595  |
| 18 CNG2-anu-zrn- | 1037.31025 | 5.88760165 | 0.5655595  |
| 60 vgt-100       | 1038       | 6.8        | 0.2        |
| 60 vgt-100       | 1038       | 6.8        | 0.2        |
| 106 10GD49-62    | 1039       | 7.28       | 0.3        |
| 59 M0-1100       | 1040       | 8.6        | 0.4        |
| 59 M0-1100       | 1040       | 8.6        | 0.4        |
| 52 CP04-2-51     | 1040.09702 | 5.42734012 | 0.1607801  |
| 52 CP04-2-51     | 1040.09702 | 5.42734012 | 0.1607801  |
| 106 10GD49-109   | 1041       | 5.41       | 0.29       |
| 106 10GD48-18    | 1041       | 9.88       | 0.33       |
| 18 ORG2-anu-zrn- | 1041.12653 | 7.5041628  | 0.54946792 |
| 18 ORG2-anu-zrn- | 1041.12653 | 7.5041628  | 0.54946792 |
| 51 CS12-23-28    | 1041.56901 | 5.37460187 | 0.46021529 |
| 51 CS12-23-28    | 1041.56901 | 5.37460187 | 0.46021529 |
| 51 CS11-19-41    | 1041.69473 | 5.2901869  | 0.36528642 |
| 51 CS11-19-41    | 1041.69473 | 5.2901869  | 0.36528642 |
| 106 10GD48-9     | 1042       | 6.8        | 0.2        |
| 119 41.1         | 1042       | 6          | 0.3522     |
| 49 ROG80 12      | 1043       | 4.8882245  | 0.96664219 |
| 49 ROG80 12      | 1043       | 4.8882245  | 0.96664219 |
| 49 ROG80 11      | 1043       | 5.30552755 | 0.95529237 |
| 49 ROG80 11      | 1043       | 5.30552755 | 0.95529237 |
| 49 ROG80 12      | 1043       | 5.34267864 | 0.94830207 |
| 49 ROG80 12      | 1043       | 5.34267864 | 0.94830207 |
| 49 ROG80 11      | 1043       | 5.94185508 | 0.95244728 |
| 49 ROG80 11      | 1043       | 5.94185508 | 0.95244728 |
| 49 ROG80 11      | 1043       | 5.98192938 | 0.9774903  |

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| 49 ROG80 11      | 1043       | 5.98192938 | 0.9774903  |
| 49 ROG80 11      | 1043       | 5.99738136 | 1.03234315 |
| 49 ROG80 11      | 1043       | 5.99738136 | 1.03234315 |
| 49 ROG80 11      | 1043       | 6.32403361 | 0.96883319 |
| 49 ROG80 11      | 1043       | 6.32403361 | 0.96883319 |
| 49 ROG80 12      | 1043       | 6.40121436 | 1.2693912  |
| 49 ROG80 12      | 1043       | 6.40121436 | 1.2693912  |
| 49 ROG80 13      | 1043       | 7.05306375 | 1.03434144 |
| 49 ROG80 13      | 1043       | 7.05306375 | 1.03434144 |
| 60 p11-102       | 1043       | 7.2        | 0.4        |
| 60 p11-102       | 1043       | 7.2        | 0.4        |
| 119 4.1          | 1043       | 6          | 0.2854     |
| 18 NIL-anu-zrn-l | 1043.54676 | 4.74027271 | 0.56216485 |
| 18 NIL-anu-zrn-l | 1043.54676 | 4.74027271 | 0.56216485 |
| 51 CS11-6_31     | 1043.62884 | 10.1468981 | 0.22836012 |
| 51 CS11-6_31     | 1043.62884 | 10.1468981 | 0.22836012 |
| 106 10GD49-84    | 1044       | 6.24       | 0.2        |
| 51 CS11-13_79    | 1044.12647 | 6.80419986 | 0.2103785  |
| 51 CS11-13_79    | 1044.12647 | 6.80419986 | 0.2103785  |
| 60 VGt-434       | 1045       | 6.5        | 0.4        |
| 60 VGt-434       | 1045       | 6.5        | 0.4        |
| 51 CS12-24-45    | 1045.87776 | 5.11478227 | 0.52376037 |
| 51 CS12-24-45    | 1045.87776 | 5.11478227 | 0.52376037 |
| 60 vgt-071       | 1046       | 5.9        | 0.2        |
| 60 vgt-071       | 1046       | 5.9        | 0.2        |
| 18 CNG2-anu-zrn- | 1046.52632 | 5.29703291 | 0.59508791 |
| 18 CNG2-anu-zrn- | 1046.52632 | 5.29703291 | 0.59508791 |
| 119 20.1         | 1047       | 4.5495     | 0.5056     |
| 52 BBF-29-45     | 1047.01058 | 5.99135289 | 0.62817036 |
| 52 BBF-29-45     | 1047.01058 | 5.99135289 | 0.62817036 |
| 51 CS11-13_69    | 1047.72939 | 6.41714808 | 0.22901206 |
| 51 CS11-13_69    | 1047.72939 | 6.41714808 | 0.22901206 |
| 51 CS11-13_55    | 1047.78096 | 6.45365296 | 0.22203993 |
| 51 CS11-13_55    | 1047.78096 | 6.45365296 | 0.22203993 |
| 10 2436-35       | 1048       | 9.6        | 0.4        |
| 10 2436-35       | 1048       | 9.6        | 0.4        |
| 20 HV1.1a        | 1048       | 4.8        | 0.6        |
| 20 HV1.1a        | 1048       | 4.8        | 0.6        |
| 20 HV1.1a        | 1048       | 4.8        | 0.6        |
| 51 CS11-13_06    | 1048.1387  | 4.82943566 | 0.24385927 |
| 51 CS11-13_06    | 1048.1387  | 4.82943566 | 0.24385927 |
| 52 BBF-29-9      | 1048.49507 | 3.89385198 | 0.39873552 |
| 52 BBF-29-9      | 1048.49507 | 3.89385198 | 0.39873552 |
| 18 CNG2-anu-zrn- | 1048.87274 | 6.84354963 | 0.5611852  |
| 18 CNG2-anu-zrn- | 1048.87274 | 6.84354963 | 0.5611852  |

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| 10 2436-17       |            | 1049       | 10.4       | 0.6    |
| 10 2436-17       |            | 1049       | 10.4       | 0.6    |
| 55 AM86-10       |            | 1049       | 8.48       |        |
| 55 AM86-10       |            | 1049       | 8.48       |        |
| 56 AM86-14       |            | 1049       | 5.63       |        |
| 56 AM86-14       |            | 1049       | 5.63       |        |
| 56 AM86-11       |            | 1049       | 7.48       |        |
| 56 AM86-11       |            | 1049       | 7.48       |        |
| 56 9-23-85-6     |            | 1049       | 8.01       |        |
| 56 9-23-85-6     |            | 1049       | 8.01       |        |
| 56 AM86-4        |            | 1049       | 9.14       |        |
| 56 AM86-4        |            | 1049       | 9.14       |        |
| 60 VGt-323       |            | 1049       | 5.4        | 0.4    |
| 60 VGt-323       |            | 1049       | 5.4        | 0.4    |
| 106 10GD48-15    |            | 1049       | 7.28       | 0.21   |
| 106 10GD49-68    |            | 1049       | 8.8        | 0.25   |
| 51 CS11-13_02    | 1049.60749 | 6.8792099  | 0.22747773 |        |
| 51 CS11-13_02    | 1049.60749 | 6.8792099  | 0.22747773 |        |
| 59 MO-1269       | 1050       | 5.6        | 0.1        |        |
| 59 MO-1269       | 1050       | 5.6        | 0.1        |        |
| 119              | 28.1       | 1050       | 6.4353     | 0.4964 |
| 121 16           | 1050       | 7.23       | 0.30       |        |
| 51 CS11-19-60    | 1050.28626 | 5.80887313 | 0.46625789 |        |
| 51 CS11-19-60    | 1050.28626 | 5.80887313 | 0.46625789 |        |
| 51 CS12-25-33    | 1050.6852  | 6.60765575 | 0.65634688 |        |
| 51 CS12-25-33    | 1050.6852  | 6.60765575 | 0.65634688 |        |
| 35 07LSC5_25.1   | 1051       | 7.6        | 0.5        |        |
| 35 07LSC5_25.1   | 1051       | 7.6        | 0.5        |        |
| 59 MO-1017       | 1051       | 7.1        | 0.2        |        |
| 59 MO-1017       | 1051       | 7.1        | 0.2        |        |
| 119              | 28.1       | 1051       | 7          | 0.5414 |
| 44 AM86-7        | 1052       | 8.05       |            |        |
| 44 AM86-7        | 1052       | 8.05       |            |        |
| 56 WP12A 200P    | 1052       | 7.62       |            |        |
| 56 WP12A 200P    | 1052       | 7.62       |            |        |
| 18 ZMB2-anu-zrn- | 1052.83046 | 8.30088054 | 0.56272693 |        |
| 18 ZMB2-anu-zrn- | 1052.83046 | 8.30088054 | 0.56272693 |        |
| 51 CS12-24-57    | 1052.90459 | 5.91659791 | 0.6120202  |        |
| 51 CS12-24-57    | 1052.90459 | 5.91659791 | 0.6120202  |        |
| 35 07LSC6_11.1   | 1053       | 5.2        | 0.6        |        |
| 35 07LSC6_11.1   | 1053       | 5.2        | 0.6        |        |
| 106 10GD49-89    | 1053       | 6.95       | 0.26       |        |
| 51 CS11-20-21    | 1053.11127 | 7.09573853 | 0.66598245 |        |
| 51 CS11-20-21    | 1053.11127 | 7.09573853 | 0.66598245 |        |
| 52 CP03-51-21    | 1053.17815 | 6.78216686 | 0.23758575 |        |

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| 52 CP03-51-21    | 1053.17815 | 6.78216686 | 0.23758575 |
| 106 10GD48-74    | 1054       | 6.8        | 0.24       |
| 107 IT/5_29      | 1054       | 7.8        | 0.11       |
| 56 PLG M10       | 1055       | 5.73       |            |
| 56 PLG M10       | 1055       | 5.73       |            |
| 59 M0-1086       | 1055       | 6.5        | 0.4        |
| 59 M0-1086       | 1055       | 6.5        | 0.4        |
| 18 ZMB2-anu-zrn- | 1055.80471 | 6.76815164 | 0.54680359 |
| 18 ZMB2-anu-zrn- | 1055.80471 | 6.76815164 | 0.54680359 |
| 56 S-26-82       | 1056       | 8.16       |            |
| 56 S-26-82       | 1056       | 8.16       |            |
| 107 IT/5_28      | 1056       | 6.52       | 0.3        |
| 52 CP04-2-60     | 1056.72431 | 5.92523951 | 0.16174644 |
| 52 CP04-2-60     | 1056.72431 | 5.92523951 | 0.16174644 |
| 106 10GD48-4     | 1057       | 7.26       | 0.12       |
| 107 IT/5_24      | 1057       | 6.52       | 0.23       |
| 18 ORG2-anu-zrn- | 1058.34259 | 6.67164197 | 0.54675297 |
| 18 ORG2-anu-zrn- | 1058.34259 | 6.67164197 | 0.54675297 |
| 106 10GD49-86    | 1059       | 7.88       | 0.28       |
| 18 CNG2-anu-zrn- | 1059.75171 | 7.2645824  | 0.56698081 |
| 18 CNG2-anu-zrn- | 1059.75171 | 7.2645824  | 0.56698081 |
| 60 VGt-565       | 1061       | 8.6        | 0.2        |
| 60 VGt-565       | 1061       | 8.6        | 0.2        |
| 106 10GD49-107   | 1061       | 6.59       | 0.31       |
| 107 IT/5_16      | 1061       | 7.86       | 0.14       |
| 51 CS11-20-66    | 1061.18716 | 7.81825065 | 0.96097399 |
| 51 CS11-20-66    | 1061.18716 | 7.81825065 | 0.96097399 |
| 18 CNG2-anu-zrn- | 1061.84721 | 6.94424145 | 0.56246677 |
| 18 CNG2-anu-zrn- | 1061.84721 | 6.94424145 | 0.56246677 |
| 10 2641-63       | 1062       | 6.5        | 0.8        |
| 10 2641-63       | 1062       | 6.5        | 0.8        |
| 20 HV1. v10      | 1062       | 7.7        | 0.3        |
| 20 HV1. v10      | 1062       | 7.7        | 0.3        |
| 20 HV1. v10      | 1062       | 7.7        | 0.3        |
| 106 10GD49-29    | 1062       | 7.33       | 0.18       |
| 107 DL90/7_7     | 1062       | 8.15       | 0.12       |
| 106 10GD49-42    | 1063       | 6.12       | 0.24       |
| 51 CS12-17-40    | 1063.3417  | 6.19047898 | 0.50338183 |
| 51 CS12-17-40    | 1063.3417  | 6.19047898 | 0.50338183 |
| 106 10GD49-63    | 1064       | 5.87       | 0.3        |
| 51 CS12-25-39    | 1064.99375 | 4.8933461  | 0.47620464 |
| 51 CS12-25-39    | 1064.99375 | 4.8933461  | 0.47620464 |
| 37 07SC49@13     | 1065       | 6.08       | 0.42       |
| 37 07SC49@13     | 1065       | 6.08       | 0.42       |
| 57 91500         | 1065       | 9.9        |            |



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| 57  | 91500         | 1065       | 9.9        |            |
| 106 | 10GD48-63     | 1065       | 8.74       | 0.3        |
| 18  | ZMB2-anu-zrn- | 1065.81092 | 6.26507817 | 0.55008422 |
| 18  | ZMB2-anu-zrn- | 1065.81092 | 6.26507817 | 0.55008422 |
| 59  | MO-1011       | 1066       | 8.1        | 0.2        |
| 59  | MO-1011       | 1066       | 8.1        | 0.2        |
| 107 | DL90/7_22     | 1066       | 6.52       | 0.23       |
| 18  | ORG2-anu-zrn- | 1066.23398 | 5.72006576 | 0.54717107 |
| 18  | ORG2-anu-zrn- | 1066.23398 | 5.72006576 | 0.54717107 |
| 30  | n2539-rpt-23  | 1067       | 6.87       | 0.32       |
| 30  | n2539-rpt-23  | 1067       | 6.87       | 0.32       |
| 106 | 10GD49-37     | 1067       | 5.77       | 0.23       |
| 106 | 10GD48-46     | 1067       | 6.42       | 0.21       |
| 106 | 10GD49-40     | 1067       | 7.25       | 0.24       |
| 51  | CS12-24-40    | 1067.39055 | 5.60734215 | 0.57419915 |
| 51  | CS12-24-40    | 1067.39055 | 5.60734215 | 0.57419915 |
| 51  | CS12-17-20    | 1067.40553 | 5.15244065 | 0.49925929 |
| 51  | CS12-17-20    | 1067.40553 | 5.15244065 | 0.49925929 |
| 10  | 2641-37       | 1068       | 6          | 0.7        |
| 10  | 2641-37       | 1068       | 6          | 0.7        |
| 10  | 2641-28       | 1068       | 10         | 1          |
| 10  | 2641-28       | 1068       | 10         | 1          |
| 106 | 10GD48-55     | 1068       | 5.14       | 0.17       |
| 106 | 10GD49-22     | 1068       | 9.64       | 0.29       |
| 107 | WPG90/4_42    | 1068       | 5.69       | 0.19       |
| 51  | CS11-13_52    | 1068.54238 | 5.98258994 | 0.19102307 |
| 51  | CS11-13_52    | 1068.54238 | 5.98258994 | 0.19102307 |
| 51  | CS12-17-38    | 1068.78837 | 6.6065579  | 0.84502308 |
| 51  | CS12-17-38    | 1068.78837 | 6.6065579  | 0.84502308 |
| 51  | CS12-17-14    | 1068.89852 | 10.9838062 | 1.49089282 |
| 51  | CS12-17-14    | 1068.89852 | 10.9838062 | 1.49089282 |
| 106 | 10GD48-86     | 1069       | 6.33       | 0.24       |
| 106 | 10GD49-70     | 1069       | 6.55       | 0.26       |
| 107 | IT/5_5        | 1069       | 8.01       | 0.25       |
| 51  | CS12-24-60    | 1069.83976 | 6.77974032 | 0.73760512 |
| 51  | CS12-24-60    | 1069.83976 | 6.77974032 | 0.73760512 |
| 18  | NIL-anu-zrn-l | 1069.84338 | 4.18525064 | 0.61462639 |
| 18  | NIL-anu-zrn-l | 1069.84338 | 4.18525064 | 0.61462639 |
| 51  | CS12-23-35    | 1069.94984 | 3.25075365 | 0.29222574 |
| 51  | CS12-23-35    | 1069.94984 | 3.25075365 | 0.29222574 |
| 18  | ORG2-anu-zrn- | 1070.2061  | 9.81091492 | 0.5531252  |
| 18  | ORG2-anu-zrn- | 1070.2061  | 9.81091492 | 0.5531252  |
| 52  | CP04-27-13    | 1070.44496 | 2.60354592 | 0.29139937 |
| 52  | CP04-27-13    | 1070.44496 | 2.60354592 | 0.29139937 |
| 52  | CP03-51-44    | 1070.76274 | 5.36563549 | 0.1754623  |

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| 52 CP03-51-44    | 1070.76274 | 5.36563549 | 0.1754623  |
| 51 CS12-23-21    | 1070.90353 | 6.96655879 | 0.7169418  |
| 51 CS12-23-21    | 1070.90353 | 6.96655879 | 0.7169418  |
| 30 n2539-rpt-21  | 1071       | 7.09       | 0.27       |
| 30 n2539-rpt-21  | 1071       | 7.09       | 0.27       |
| 119 7.1          | 1071       | 9          | 0.2863     |
| 119 31.1         | 1071       | 9          | 0.4266     |
| 18 CNG2-anu-zrn- | 1071.22631 | 3.56029696 | 0.58861398 |
| 18 CNG2-anu-zrn- | 1071.22631 | 3.56029696 | 0.58861398 |
| 18 ORG2-anu-zrn- | 1071.30542 | 8.17746643 | 0.7455748  |
| 18 ORG2-anu-zrn- | 1071.30542 | 8.17746643 | 0.7455748  |
| 51 CS12-23-12    | 1071.33678 | 5.29176482 | 0.54188362 |
| 51 CS12-23-12    | 1071.33678 | 5.29176482 | 0.54188362 |
| 52 CP04-2-8      | 1071.67589 | 4.62468303 | 0.20758945 |
| 52 CP04-2-8      | 1071.67589 | 4.62468303 | 0.20758945 |
| 51 CS12-23-11    | 1071.74145 | 6.08840058 | 0.58658747 |
| 51 CS12-23-11    | 1071.74145 | 6.08840058 | 0.58658747 |
| 20 CM1.19        | 1072       | 8.3        | 0.4        |
| 20 CM1.19        | 1072       | 8.3        | 0.4        |
| 20 CM1.19        | 1072       | 8.3        | 0.4        |
| 107 WPG90/4_41   | 1072       | 5.84       | 0.13       |
| 119 41.1         | 1072       | 8          | 0.3704     |
| 119 16.1         | 1072       | 11         | 0.3286     |
| 51 CS12-17-36    | 1072.49781 | 9.63625236 | 0.97627989 |
| 51 CS12-17-36    | 1072.49781 | 9.63625236 | 0.97627989 |
| 20 CM1.5         | 1073       | 5.4        | 0.7        |
| 20 CM1.5         | 1073       | 5.4        | 0.7        |
| 20 CM1.5         | 1073       | 5.4        | 0.7        |
| 55 AM87-8        | 1073       | 8.14       |            |
| 55 AM87-8        | 1073       | 8.14       |            |
| 51 BBF-11-106    | 1073.23799 | 5.77634801 | 0.59150557 |
| 51 BBF-11-106    | 1073.23799 | 5.77634801 | 0.59150557 |
| 18 ZMB2-anu-zrn- | 1073.82782 | 7.47758331 | 0.55157982 |
| 18 ZMB2-anu-zrn- | 1073.82782 | 7.47758331 | 0.55157982 |
| 51 CS11-13_71    | 1073.96007 | 9.14001237 | 0.18416987 |
| 51 CS11-13_71    | 1073.96007 | 9.14001237 | 0.18416987 |
| 37 07SC49@01     | 1074       | 5.25       | 0.21       |
| 37 07SC49@01     | 1074       | 5.25       | 0.21       |
| 106 10GD48-95    | 1074       | 5.88       | 0.23       |
| 107 WPG90/4_15   | 1074       | 6.22       | 0.26       |
| 51 CS11-13_09    | 1074.01394 | 6.49565858 | 0.2127575  |
| 51 CS11-13_09    | 1074.01394 | 6.49565858 | 0.2127575  |
| 18 ORG2-anu-zrn- | 1074.43369 | 9.19196771 | 1.09127255 |
| 18 ORG2-anu-zrn- | 1074.43369 | 9.19196771 | 1.09127255 |
| 106 10GD49-92    | 1075       | 7.89       | 0.26       |

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| 106 10GD49-98    | 1075       | 8.63       | 0.21       |
| 56 LH86-7        | 1076       | 8.1        |            |
| 56 LH86-7        | 1076       | 8.1        |            |
| 107 DL90/7_12    | 1076       | 7.16       | 0.24       |
| 18 ORG2-anu-zrn- | 1076.01521 | 8.0852256  | 0.54984605 |
| 18 ORG2-anu-zrn- | 1076.01521 | 8.0852256  | 0.54984605 |
| 51 CS12-23-48    | 1076.21141 | 6.93451421 | 0.6008552  |
| 51 CS12-23-48    | 1076.21141 | 6.93451421 | 0.6008552  |
| 52 CP03-39-45    | 1076.45797 | 6.74163803 | 0.19732908 |
| 52 CP03-39-45    | 1076.45797 | 6.74163803 | 0.19732908 |
| 51 CS11-13_74    | 1076.54077 | 8.03936511 | 0.25173607 |
| 51 CS11-13_74    | 1076.54077 | 8.03936511 | 0.25173607 |
| 10 2346-18       | 1077       | 7.3        | 0.5        |
| 10 2346-18       | 1077       | 7.3        | 0.5        |
| 30 n2539-rpt-b68 | 1077       | 6.06       | 0.38       |
| 30 n2539-rpt-b68 | 1077       | 6.06       | 0.38       |
| 56 CQA809        | 1077       | 7.45       |            |
| 56 CQA809        | 1077       | 7.45       |            |
| 106 10GD49-33    | 1077       | 5.29       | 0.29       |
| 119 55.1         | 1077       | 6          | 0.3452     |
| 51 CS12-24-25    | 1077.20593 | 6.13904794 | 0.5648882  |
| 51 CS12-24-25    | 1077.20593 | 6.13904794 | 0.5648882  |
| 20 HV1. s19      | 1078       | 5.3        | 0.3        |
| 20 HV1. s19      | 1078       | 5.3        | 0.3        |
| 20 HV1. s19      | 1078       | 5.3        | 0.3        |
| 51 CS12-17-48    | 1078.30601 | 6.49640464 | 0.75372178 |
| 51 CS12-17-48    | 1078.30601 | 6.49640464 | 0.75372178 |
| 51 CS11-20-3     | 1078.44937 | 4.67866826 | 0.28184522 |
| 51 CS11-20-3     | 1078.44937 | 4.67866826 | 0.28184522 |
| 51 CS12-17-50    | 1078.92367 | 5.79125456 | 0.80943522 |
| 51 CS12-17-50    | 1078.92367 | 5.79125456 | 0.80943522 |
| 35 07LSC3_38.1   | 1079       | 4.6        | 0.5        |
| 35 07LSC3_38.1   | 1079       | 4.6        | 0.5        |
| 107 IT/5_2       | 1079       | 5.86       | 0.12       |
| 51 CS12-25-5     | 1079.39782 | 6.42987901 | 0.62069419 |
| 51 CS12-25-5     | 1079.39782 | 6.42987901 | 0.62069419 |
| 18 ORG2-anu-zrn- | 1079.82398 | 8.9843838  | 0.5515366  |
| 18 ORG2-anu-zrn- | 1079.82398 | 8.9843838  | 0.5515366  |
| 10 2436-64       | 1080       | 6.9        | 0.4        |
| 10 2436-64       | 1080       | 6.9        | 0.4        |
| 56 St. Urbain    | 1080       | 6.4        |            |
| 56 St. Urbain    | 1080       | 6.4        |            |
| 56 AM87-7        | 1080       | 8.77       |            |
| 56 AM87-7        | 1080       | 8.77       |            |
| 106 10GD49-3     | 1080       | 11.21      | 0.19       |

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| 52 CP03-51-39    | 1080.58133 | 8.74390276 | 0.20139904 |
| 52 CP03-51-39    | 1080.58133 | 8.74390276 | 0.20139904 |
| 52 CP04-27-69    | 1080.62759 | 6.39624147 | 0.24260494 |
| 52 CP04-27-69    | 1080.62759 | 6.39624147 | 0.24260494 |
| 10 2346-30       | 1081       | 7.7        | 0.5        |
| 10 2346-30       | 1081       | 7.7        | 0.5        |
| 106 10GD48-92    | 1081       | 7.99       | 0.22       |
| 107 DL90/7_10    | 1081       | 7.79       | 0.25       |
| 51 CS11-19-34    | 1081.73001 | 5.63417738 | 0.51703178 |
| 51 CS11-19-34    | 1081.73001 | 5.63417738 | 0.51703178 |
| 37 07SC49@52     | 1082       | 5.88       | 0.46       |
| 37 07SC49@52     | 1082       | 5.88       | 0.46       |
| 55 AM87-10       | 1082       | 8.04       |            |
| 55 AM87-10       | 1082       | 8.04       |            |
| 56 PTG-8         | 1082       | 5.76       |            |
| 56 PTG-8         | 1082       | 5.76       |            |
| 51 CS12-23-31    | 1082.65306 | 6.22746892 | 0.6279855  |
| 51 CS12-23-31    | 1082.65306 | 6.22746892 | 0.6279855  |
| 106 10GD48-13    | 1083       | 7.14       | 0.29       |
| 18 ORG2-anu-zrn- | 1083.13176 | 7.35711184 | 0.55131222 |
| 18 ORG2-anu-zrn- | 1083.13176 | 7.35711184 | 0.55131222 |
| 18 ORG2-anu-zrn- | 1083.84741 | 6.26175323 | 0.55593219 |
| 18 ORG2-anu-zrn- | 1083.84741 | 6.26175323 | 0.55593219 |
| 43 AM86-8        | 1084       | 8.03       |            |
| 43 AM86-8        | 1084       | 8.03       |            |
| 107 DL90/7_20    | 1084       | 7.63       | 0.18       |
| 119 19.1         | 1084       | 5          | 0.4879     |
| 119 25.1         | 1084       | 5.5727     | 0.2792     |
| 52 BBF-29-68     | 1084.92409 | 5.25499702 | 0.42197907 |
| 52 BBF-29-68     | 1084.92409 | 5.25499702 | 0.42197907 |
| 37 07SC49@22     | 1085       | 9.34       | 0.26       |
| 37 07SC49@22     | 1085       | 9.34       | 0.26       |
| 55 AM87-9        | 1085       | 8.29       |            |
| 55 AM87-9        | 1085       | 8.29       |            |
| 59 MO-1244       | 1085       | 4.9        | 0.2        |
| 59 MO-1244       | 1085       | 4.9        | 0.2        |
| 106 10GD49-1     | 1085       | 4.8        | 0.25       |
| 106 10GD49-91    | 1085       | 7.08       | 0.19       |
| 59 MO-1248       | 1086       | 5.2        | 0.1        |
| 59 MO-1248       | 1086       | 5.2        | 0.1        |
| 106 10GD48-82    | 1086       | 7.14       | 0.24       |
| 18 ORG2-anu-zrn- | 1086.75399 | 7.91355391 | 0.5470456  |
| 18 ORG2-anu-zrn- | 1086.75399 | 7.91355391 | 0.5470456  |
| 30 n2539-rpt-b4' | 1087       | 6.15       | 0.33       |
| 30 n2539-rpt-b4' | 1087       | 6.15       | 0.33       |

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| 47 PMOG-233_33-( | 1087       | 5.5        | 0.3        |
| 47 PMOG-233_33-( | 1087       | 5.5        | 0.3        |
| 52 CP03-39-19    | 1087.39383 | 8.74716024 | 0.24118999 |
| 52 CP03-39-19    | 1087.39383 | 8.74716024 | 0.24118999 |
| 10 1774-74       | 1088       | 6          | 0.6        |
| 10 1774-74       | 1088       | 6          | 0.6        |
| 62 FS07-1        | 1088       | 7.4        | 0.33       |
| 62 FS07-1        | 1088       | 7.4        | 0.33       |
| 106 10GD48-10    | 1088       | 8.59       | 0.28       |
| 18 ORG2-anu-zrn- | 1088.18265 | 7.44954233 | 0.94552376 |
| 18 ORG2-anu-zrn- | 1088.18265 | 7.44954233 | 0.94552376 |
| 51 CS12-23-44    | 1088.40028 | 4.59230986 | 0.47025852 |
| 51 CS12-23-44    | 1088.40028 | 4.59230986 | 0.47025852 |
| 10 1774-50       | 1089       | 7.8        | 0.5        |
| 10 1774-50       | 1089       | 7.8        | 0.5        |
| 107 IT/5_4       | 1090       | 7.29       | 0.1        |
| 52 CP03-51-45    | 1090.61615 | 5.36563549 | 0.1754623  |
| 52 CP03-51-45    | 1090.61615 | 5.36563549 | 0.1754623  |
| 51 BBF-11-61     | 1090.6823  | 5.69686523 | 0.52304408 |
| 51 BBF-11-61     | 1090.6823  | 5.69686523 | 0.52304408 |
| 106 10GD48-27    | 1091       | 9.55       | 0.28       |
| 18 ZMB2-anu-zrn- | 1091.85594 | 7.72338067 | 0.55359119 |
| 18 ZMB2-anu-zrn- | 1091.85594 | 7.72338067 | 0.55359119 |
| 18 ORG2-anu-zrn- | 1092.58556 | 7.96949514 | 0.5497004  |
| 18 ORG2-anu-zrn- | 1092.58556 | 7.96949514 | 0.5497004  |
| 51 CS11-19-60b   | 1092.59989 | 6.93796574 | 0.41794639 |
| 51 CS11-19-60b   | 1092.59989 | 6.93796574 | 0.41794639 |
| 106 10GD49-35    | 1093       | 8.05       | 0.34       |
| 106 10GD49-71    | 1093       | 9.84       | 0.24       |
| 107 WPG90/4_7    | 1093       | 4.86       | 0.26       |
| 52 CP03-39-14    | 1093.46807 | 4.02643104 | 0.26022753 |
| 52 CP03-39-14    | 1093.46807 | 4.02643104 | 0.26022753 |
| 107 DL90/7_9     | 1094       | 8.47       | 0.19       |
| 119 10.1         | 1094       | 10.5241    | 0.4855     |
| 51 BBF-11-70     | 1094.32673 | 11.7036498 | 1.35492825 |
| 51 BBF-11-70     | 1094.32673 | 11.7036498 | 1.35492825 |
| 52 CP04-2-1      | 1094.664   | 8.20431142 | 0.19672239 |
| 52 CP04-2-1      | 1094.664   | 8.20431142 | 0.19672239 |
| 51 CS12-23-33    | 1094.68582 | 5.48220801 | 0.56138525 |
| 51 CS12-23-33    | 1094.68582 | 5.48220801 | 0.56138525 |
| 35 07LSC6_24.1   | 1095       | 5.6        | 0.2        |
| 35 07LSC6_24.1   | 1095       | 5.6        | 0.2        |
| 55 9-23-85-5     | 1095       | 8.55       |            |
| 55 9-23-85-5     | 1095       | 8.55       |            |
| 106 10GD48-61    | 1095       | 5.69       | 0.28       |

| 121 15           | 1095       | 7.71       | 0.31       |
|------------------|------------|------------|------------|
| 52 CP03-51-9     | 1095.37277 | 5.87932819 | 0.19057933 |
| 52 CP03-51-9     | 1095.37277 | 5.87932819 | 0.19057933 |
| 20 KK1. 10       | 1096       | 6.1        | 0.3        |
| 20 KK1. 10       | 1096       | 6.1        | 0.3        |
| 20 KK1. 10       | 1096       | 6.1        | 0.3        |
| 43 AM86-6        | 1096       | 7.75       |            |
| 43 AM86-6        | 1096       | 7.75       |            |
| 43 NOFO-1        | 1096       | 8.47       |            |
| 43 NOFO-1        | 1096       | 8.47       |            |
| 47 PMOG_P-21     | 1096       | 4.1        | 0.4        |
| 47 PMOG_P-21     | 1096       | 4.1        | 0.4        |
| 55 AM86-13       | 1096       | 8.24       |            |
| 55 AM86-13       | 1096       | 8.24       |            |
| 55 AM86-3        | 1096       | 8.83       |            |
| 55 AM86-3        | 1096       | 8.83       |            |
| 56 AM87-6        | 1096       | 6.48       |            |
| 56 AM87-6        | 1096       | 6.48       |            |
| 106 10GD49-105   | 1096       | 8.26       | 0.15       |
| 107 IT/5_19      | 1096       | 8.33       | 0.23       |
| 52 BBF-29-3      | 1096.02405 | 6.79508285 | 0.82661676 |
| 52 BBF-29-3      | 1096.02405 | 6.79508285 | 0.82661676 |
| 106 10GD49-96    | 1097       | 7.9        | 0.27       |
| 106 10GD49-9     | 1098       | 7.69       | 0.32       |
| 51 CS12-17-46    | 1098.33306 | 6.75175993 | 0.76998645 |
| 51 CS12-17-46    | 1098.33306 | 6.75175993 | 0.76998645 |
| 119 21.1         | 1099       | 9          | 0.3495     |
| 18 ORG2-anu-zrn- | 1099.57913 | 8.59109333 | 0.5474635  |
| 18 ORG2-anu-zrn- | 1099.57913 | 8.59109333 | 0.5474635  |
| 47 PMOG-233_33-  | 1100       | 10.3       | 0.3        |
| 47 PMOG-233_33-  | 1100       | 10.3       | 0.3        |
| 56 S-25-82 200R  | 1100       | 5.97       |            |
| 56 S-25-82 200R  | 1100       | 5.97       |            |
| 56 B-15          | 1100       | 7.48       |            |
| 56 B-15          | 1100       | 7.48       |            |
| 56 Z9 200        | 1100       | 7.49       |            |
| 56 Z9 200        | 1100       | 7.49       |            |
| 56 WP85 200      | 1100       | 7.56       |            |
| 56 WP85 200      | 1100       | 7.56       |            |
| 18 ORG2-anu-zrn- | 1100.31548 | 8.14667812 | 0.92474863 |
| 18 ORG2-anu-zrn- | 1100.31548 | 8.14667812 | 0.92474863 |
| 56 Z2b 200       | 1101       | 6.93       |            |
| 56 Z2b 200       | 1101       | 6.93       |            |
| 56 Z3 200        | 1101       | 7.6        |            |
| 56 Z3 200        | 1101       | 7.6        |            |

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| 56 Z2a 200       | 1101       | 7.91       |            |
| 56 Z2a 200       | 1101       | 7.91       |            |
| 56 Z4 200        | 1101       | 8.14       |            |
| 56 Z4 200        | 1101       | 8.14       |            |
| 107 WPG90/4_16   | 1101       | 6.48       | 0.23       |
| 51 CS11-13_35    | 1102.2097  | 7.00222636 | 0.22823247 |
| 51 CS11-13_35    | 1102.2097  | 7.00222636 | 0.22823247 |
| 18 ORG2-anu-zrn- | 1102.29227 | 8.36596514 | 0.56664443 |
| 18 ORG2-anu-zrn- | 1102.29227 | 8.36596514 | 0.56664443 |
| 35 07LSC5_67.1   | 1103       | 6.4        | 0.3        |
| 35 07LSC5_67.1   | 1103       | 6.4        | 0.3        |
| 119 12.1         | 1103       | 11         | 0.5003     |
| 51 CS11-13_30    | 1103.32638 | 5.76056023 | 0.23121868 |
| 51 CS11-13_30    | 1103.32638 | 5.76056023 | 0.23121868 |
| 51 CS12-24-18    | 1103.70797 | 6.10588453 | 0.62525054 |
| 51 CS12-24-18    | 1103.70797 | 6.10588453 | 0.62525054 |
| 37 07SC65@7      | 1104       | 8.72       | 0.46       |
| 37 07SC65@7      | 1104       | 8.72       | 0.46       |
| 56 FFAN NM2      | 1104       | 7.97       |            |
| 56 FFAN NM2      | 1104       | 7.97       |            |
| 59 M0-959        | 1104       | 12.9       | 0.3        |
| 59 M0-959        | 1104       | 12.9       | 0.3        |
| 106 10GD48-32    | 1105       | 5.07       | 0.25       |
| 106 10GD49-47    | 1105       | 11.39      | 0.24       |
| 51 CS11-20-22    | 1105.44397 | 6.21249524 | 0.43104958 |
| 51 CS11-20-22    | 1105.44397 | 6.21249524 | 0.43104958 |
| 51 CS12-24-7     | 1106.8777  | 7.62959602 | 0.68133255 |
| 51 CS12-24-7     | 1106.8777  | 7.62959602 | 0.68133255 |
| 52 CP03-51-73    | 1106.93041 | 6.51206554 | 0.20104786 |
| 52 CP03-51-73    | 1106.93041 | 6.51206554 | 0.20104786 |
| 35 07LSC5_52.3   | 1107       | 8.7        | 0.2        |
| 35 07LSC5_52.3   | 1107       | 8.7        | 0.2        |
| 119 20.1         | 1107       | 6          | 0.6674     |
| 51 CS12-23-4     | 1107.10624 | 5.35308553 | 0.54816294 |
| 51 CS12-23-4     | 1107.10624 | 5.35308553 | 0.54816294 |
| 35 07LSC6_2.1    | 1108       | 4.2        | 0.3        |
| 35 07LSC6_2.1    | 1108       | 4.2        | 0.3        |
| 106 10GD48-11    | 1108       | 5.38       | 0.25       |
| 51 CS11-20-33    | 1108.75134 | 5.70969159 | 0.37500712 |
| 51 CS11-20-33    | 1108.75134 | 5.70969159 | 0.37500712 |
| 55 CGAB          | 1109       | 6.04       |            |
| 55 CGAB          | 1109       | 6.04       |            |
| 106 10GD49-108   | 1109       | 8.66       | 0.21       |
| 106 10GD48-16    | 1110       | 8.62       | 0.21       |
| 18 ZMB2-anu-zrn- | 1110.18767 | 6.39107303 | 0.60093647 |

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| 18 ZMB2-anu-zrn- | 1110.18767 | 6.39107303 | 0.60093647 |
| 106 10GD49-66    | 1112       | 6.9        | 0.35       |
| 55 AC85-7        | 1113       | 8.36       |            |
| 55 AC85-7        | 1113       | 8.36       |            |
| 107 WPG90/4_22   | 1113       | 5.86       | 0.14       |
| 51 BBF-11-99     | 1113.21168 | 6.13921549 | 0.55428803 |
| 51 BBF-11-99     | 1113.21168 | 6.13921549 | 0.55428803 |
| 51 BBF-11-80     | 1114.3066  | 4.70597752 | 0.48189823 |
| 51 BBF-11-80     | 1114.3066  | 4.70597752 | 0.48189823 |
| 51 CS11-13_57    | 1114.3872  | 8.20238692 | 0.1965055  |
| 51 CS11-13_57    | 1114.3872  | 8.20238692 | 0.1965055  |
| 35 07LSC5_43.1   | 1115       | 7.6        | 0.3        |
| 35 07LSC5_43.1   | 1115       | 7.6        | 0.3        |
| 56 PMO 200       | 1115       | 7.46       |            |
| 56 PMO 200       | 1115       | 7.46       |            |
| 51 CS11-19-16    | 1115.72129 | 7.04216399 | 0.80317642 |
| 51 CS11-19-16    | 1115.72129 | 7.04216399 | 0.80317642 |
| 35 07LSC5_29.2   | 1116       | 8.1        | 0.3        |
| 35 07LSC5_29.2   | 1116       | 8.1        | 0.3        |
| 35 07LSC5_22.2   | 1117       | 6.2        | 0.2        |
| 35 07LSC5_22.2   | 1117       | 6.2        | 0.2        |
| 37 07SC65@9      | 1117       | 9.54       | 0.21       |
| 37 07SC65@9      | 1117       | 9.54       | 0.21       |
| 52 BBF-29-74     | 1117.73499 | 6.7567669  | 0.74347131 |
| 52 BBF-29-74     | 1117.73499 | 6.7567669  | 0.74347131 |
| 51 CS11-19-55b   | 1117.9082  | 5.69986308 | 0.41250769 |
| 51 CS11-19-55b   | 1117.9082  | 5.69986308 | 0.41250769 |
| 10 2436-71       | 1118       | 6.1        | 0.4        |
| 10 2436-71       | 1118       | 6.1        | 0.4        |
| 20 BB6.6         | 1118       | 7.6        | 0.2        |
| 20 BB6.6         | 1118       | 7.6        | 0.2        |
| 20 BB6.6         | 1118       | 7.6        | 0.2        |
| 52 BBF-29-19     | 1118.16532 | 5.17973629 | 0.3552512  |
| 52 BBF-29-19     | 1118.16532 | 5.17973629 | 0.3552512  |
| 51 BBF-11-43     | 1118.29315 | 6.76013097 | 0.55033657 |
| 51 BBF-11-43     | 1118.29315 | 6.76013097 | 0.55033657 |
| 52 CP04-2-65     | 1118.47847 | 3.84715942 | 0.16103045 |
| 52 CP04-2-65     | 1118.47847 | 3.84715942 | 0.16103045 |
| 56 2708          | 1119       | 8.32       |            |
| 56 2708          | 1119       | 8.32       |            |
| 60 vgt-096       | 1119       | 6.4        | 0.2        |
| 60 vgt-096       | 1119       | 6.4        | 0.2        |
| 119 19.1         | 1119       | 7          | 0.3758     |
| 51 CS11-19-48    | 1119.028   | 5.51760452 | 0.5650099  |
| 51 CS11-19-48    | 1119.028   | 5.51760452 | 0.5650099  |



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| 10 1774-10a    | 1120       | 8.5        | 0.6        |
| 10 1774-10a    | 1120       | 8.5        | 0.6        |
| 51 CS11-20-46  | 1120.59944 | 5.77381002 | 0.48816203 |
| 51 CS11-20-46  | 1120.59944 | 5.77381002 | 0.48816203 |
| 51 CS11-19-10  | 1120.83578 | 6.05086591 | 0.53451896 |
| 51 CS11-19-10  | 1120.83578 | 6.05086591 | 0.53451896 |
| 56 2735        | 1121       | 7.57       |            |
| 56 2735        | 1121       | 7.57       |            |
| 107 IT/5_1     | 1121       | 7.34       | 0.17       |
| 119 2.1        | 1121       | 6.0189     | 0.4998     |
| 51 CS11-1-13   | 1121.51156 | 5.81124598 | 0.59507917 |
| 51 CS11-1-13   | 1121.51156 | 5.81124598 | 0.59507917 |
| 51 CS11-20-54  | 1121.69443 | 4.4292865  | 0.45356471 |
| 51 CS11-20-54  | 1121.69443 | 4.4292865  | 0.45356471 |
| 51 CS11-19-47b | 1121.90521 | 5.8984909  | 0.60401316 |
| 51 CS11-19-47b | 1121.90521 | 5.8984909  | 0.60401316 |
| 51 CS12-25-6   | 1122.55395 | 7.13905018 | 0.64417421 |
| 51 CS12-25-6   | 1122.55395 | 7.13905018 | 0.64417421 |
| 35 07LSC5_58.3 | 1124       | 7.2        | 0.4        |
| 35 07LSC5_58.3 | 1124       | 7.2        | 0.4        |
| 10 2346-40     | 1125       | 5.8        | 0.4        |
| 10 2346-40     | 1125       | 5.8        | 0.4        |
| 44 9-23-85-7   | 1125       | 8.19       |            |
| 44 9-23-85-7   | 1125       | 8.19       |            |
| 60 vgt-142     | 1125       | 7.3        | 0.2        |
| 60 vgt-142     | 1125       | 7.3        | 0.2        |
| 51 CS12-25-27  | 1125.08654 | 6.61948909 | 0.6291216  |
| 51 CS12-25-27  | 1125.08654 | 6.61948909 | 0.6291216  |
| 52 CP04-27-73  | 1125.4411  | 6.86338873 | 0.22179327 |
| 52 CP04-27-73  | 1125.4411  | 6.86338873 | 0.22179327 |
| 20 KK1.5       | 1126       | 9.9        | 0.4        |
| 20 KK1.5       | 1126       | 9.9        | 0.4        |
| 20 KK1.5       | 1126       | 9.9        | 0.4        |
| 52 CP04-2-62   | 1126.47073 | 5.42384083 | 0.16137595 |
| 52 CP04-2-62   | 1126.47073 | 5.42384083 | 0.16137595 |
| 10 2346-19     | 1127       | 6.8        | 0.5        |
| 10 2346-19     | 1127       | 6.8        | 0.5        |
| 107 IT/5_7     | 1127       | 7.64       | 0.27       |
| 56 AR77 -200   | 1128       | 7.04       |            |
| 56 AR77 -200   | 1128       | 7.04       |            |
| 56 P52 200     | 1128       | 7.4        |            |
| 56 P52 200     | 1128       | 7.4        |            |
| 51 CS11-18-7   | 1128.21014 | 6.48342941 | 0.47520486 |
| 51 CS11-18-7   | 1128.21014 | 6.48342941 | 0.47520486 |
| 106 10GD49-61  | 1129       | 8.31       | 0.2        |

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| 65 BB-86 11      | 1130       | 5.63       | 0.24       |
| 65 BB-86 11      | 1130       | 5.63       | 0.24       |
| 52 BBF-29-28     | 1130.00183 | 6.08940249 | 0.5408182  |
| 52 BBF-29-28     | 1130.00183 | 6.08940249 | 0.5408182  |
| 51 CS11-19-2     | 1130.17312 | 5.1419988  | 0.30975648 |
| 51 CS11-19-2     | 1130.17312 | 5.1419988  | 0.30975648 |
| 10 1746-56       | 1131       | 6          | 0.5        |
| 10 1746-56       | 1131       | 6          | 0.5        |
| 51 CS11-1-18     | 1133.92086 | 7.13722962 | 0.69854806 |
| 51 CS11-1-18     | 1133.92086 | 7.13722962 | 0.69854806 |
| 55 AC85-6        | 1134       | 7.62       |            |
| 55 AC85-6        | 1134       | 7.62       |            |
| 52 CP04-27-25    | 1134.52819 | 4.25206557 | 0.21448987 |
| 52 CP04-27-25    | 1134.52819 | 4.25206557 | 0.21448987 |
| 47 PMOG_P-13     | 1135       | 8.2        | 0.4        |
| 47 PMOG_P-13     | 1135       | 8.2        | 0.4        |
| 55 AC85-10       | 1135       | 8.29       |            |
| 55 AC85-10       | 1135       | 8.29       |            |
| 107 DL90/7_14    | 1135       | 9.32       | 0.21       |
| 51 CS12-17-32    | 1135.17518 | 6.19979147 | 0.58373249 |
| 51 CS12-17-32    | 1135.17518 | 6.19979147 | 0.58373249 |
| 18 CNG2-anu-zrn- | 1135.561   | 7.97296371 | 0.56487746 |
| 18 CNG2-anu-zrn- | 1135.561   | 7.97296371 | 0.56487746 |
| 18 ORG2-anu-zrn- | 1136.08837 | 9.30507    | 0.55202273 |
| 18 ORG2-anu-zrn- | 1136.08837 | 9.30507    | 0.55202273 |
| 18 ORG2-anu-zrn- | 1136.16075 | 9.31963827 | 0.76983475 |
| 18 ORG2-anu-zrn- | 1136.16075 | 9.31963827 | 0.76983475 |
| 59 MO-1343       | 1137       | 6.9        | 0.2        |
| 59 MO-1343       | 1137       | 6.9        | 0.2        |
| 18 ORG2-anu-zrn- | 1137.42446 | 9.48360997 | 0.74612214 |
| 18 ORG2-anu-zrn- | 1137.42446 | 9.48360997 | 0.74612214 |
| 51 CS11-20-47    | 1138.3107  | 7.63971258 | 0.83995329 |
| 51 CS11-20-47    | 1138.3107  | 7.63971258 | 0.83995329 |
| 52 CP03-39-44    | 1138.72435 | 7.87643351 | 0.26892313 |
| 52 CP03-39-44    | 1138.72435 | 7.87643351 | 0.26892313 |
| 20 HV1. 14       | 1139       | 7.2        | 0.6        |
| 20 HV1. 14       | 1139       | 7.2        | 0.6        |
| 20 HV1. 14       | 1139       | 7.2        | 0.6        |
| 35 07LSC5_58.2   | 1139       | 6.9        | 0.4        |
| 35 07LSC5_58.2   | 1139       | 6.9        | 0.4        |
| 47 PMOG-441_41-! | 1139       | 7.1        | 0.3        |
| 47 PMOG-441_41-! | 1139       | 7.1        | 0.3        |
| 52 CP03-39-11    | 1139.05029 | 7.958955   | 0.25199533 |
| 52 CP03-39-11    | 1139.05029 | 7.958955   | 0.25199533 |
| 106 10GD49-100   | 1140       | 5.72       | 0.21       |

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| 107 WPG90/4_34   | 1140       | 6.2        | 0.18       |
| 52 CP04-27-41    | 1140.99062 | 5.43943986 | 0.23274888 |
| 52 CP04-27-41    | 1140.99062 | 5.43943986 | 0.23274888 |
| 51 CS11-1-5      | 1142.13962 | 6.61520354 | 0.49092306 |
| 51 CS11-1-5      | 1142.13962 | 6.61520354 | 0.49092306 |
| 51 BBF-11-42     | 1142.59157 | 5.73120661 | 0.53706567 |
| 51 BBF-11-42     | 1142.59157 | 5.73120661 | 0.53706567 |
| 55 AC85-11       | 1143       | 7.69       |            |
| 55 AC85-11       | 1143       | 7.69       |            |
| 55 AC85-11       | 1143       | 7.71       |            |
| 55 AC85-11       | 1143       | 7.71       |            |
| 51 CS11-6_15     | 1143.36757 | 6.96386863 | 0.23190918 |
| 51 CS11-6_15     | 1143.36757 | 6.96386863 | 0.23190918 |
| 55 AM87-11       | 1144       | 6.79       |            |
| 55 AM87-11       | 1144       | 6.79       |            |
| 60 VGt-549       | 1144       | 8.1        | 0.4        |
| 60 VGt-549       | 1144       | 8.1        | 0.4        |
| 51 CS11-19-31    | 1144.97149 | 4.92243962 | 0.40087232 |
| 51 CS11-19-31    | 1144.97149 | 4.92243962 | 0.40087232 |
| 44 96MR21        | 1145       | 9.38       |            |
| 44 96MR21        | 1145       | 9.38       |            |
| 52 CP03-39-54    | 1145.11481 | 6.91218244 | 0.21150917 |
| 52 CP03-39-54    | 1145.11481 | 6.91218244 | 0.21150917 |
| 44 EC84-246      | 1146       | 9.65       |            |
| 44 EC84-246      | 1146       | 9.65       |            |
| 55 AC85-2        | 1146       | 8.59       |            |
| 55 AC85-2        | 1146       | 8.59       |            |
| 56 PTG-4         | 1146       | 5.54       |            |
| 56 PTG-4         | 1146       | 5.54       |            |
| 59 M0-990        | 1146       | 8.5        | 0.3        |
| 59 M0-990        | 1146       | 8.5        | 0.3        |
| 60 VGt-448       | 1146       | 5.1        | 0.4        |
| 60 VGt-448       | 1146       | 5.1        | 0.4        |
| 30 n2539-rpt-18  | 1147       | 8.76       | 0.3        |
| 30 n2539-rpt-18  | 1147       | 8.76       | 0.3        |
| 55 AM86-15       | 1147       | 8.73       |            |
| 55 AM86-15       | 1147       | 8.73       |            |
| 107 IT/5_15      | 1147       | 6.69       | 0.16       |
| 18 ORG2-anu-zrn- | 1148.95093 | 7.28335345 | 0.928985   |
| 18 ORG2-anu-zrn- | 1148.95093 | 7.28335345 | 0.928985   |
| 44 DF178         | 1149       | 8.34       |            |
| 44 DF178         | 1149       | 8.34       |            |
| 18 ORG2-anu-zrn- | 1149.47176 | 6.72467583 | 0.73890942 |
| 18 ORG2-anu-zrn- | 1149.47176 | 6.72467583 | 0.73890942 |
| 55 AM86-9        | 1150       | 7.67       |            |

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| 55 AM86-9        | 1150       | 7.67       |            |
| 56 Pacoima src : | 1150       | 5.33       |            |
| 56 Pacoima src : | 1150       | 5.33       |            |
| 56 Pacoima       | 1150       | 5.74       |            |
| 56 Pacoima       | 1150       | 5.74       |            |
| 119 44.1         | 1150       | 11         | 0.4925     |
| 51 CS11-18-57    | 1150.17776 | 6.74663638 | 0.53976561 |
| 51 CS11-18-57    | 1150.17776 | 6.74663638 | 0.53976561 |
| 37 07SC65@79     | 1151       | 5.68       | 0.39       |
| 37 07SC65@79     | 1151       | 5.68       | 0.39       |
| 47 PMOG_P-44     | 1151       | 7.5        | 0.4        |
| 47 PMOG_P-44     | 1151       | 7.5        | 0.4        |
| 106 10GD48-65    | 1151       | 8.1        | 0.25       |
| 51 BBF-11-49     | 1151.87528 | 4.86599699 | 0.34288043 |
| 51 BBF-11-49     | 1151.87528 | 4.86599699 | 0.34288043 |
| 60 VGt-164       | 1152       | 8.5        | 0.6        |
| 60 VGt-164       | 1152       | 8.5        | 0.6        |
| 52 BBF-29-30     | 1152.25374 | 7.40907026 | 0.93168772 |
| 52 BBF-29-30     | 1152.25374 | 7.40907026 | 0.93168772 |
| 18 ORG2-anu-zrn- | 1152.49236 | -1.1895054 | 0.75406234 |
| 18 ORG2-anu-zrn- | 1152.49236 | -1.1895054 | 0.75406234 |
| 44 93DM152       | 1153       | 7.64       |            |
| 44 93DM152       | 1153       | 7.64       |            |
| 35 07LSC5_62.1   | 1154       | 5.8        | 0.2        |
| 35 07LSC5_62.1   | 1154       | 5.8        | 0.2        |
| 37 07SC49@97     | 1154       | 6.73       | 0.32       |
| 37 07SC49@97     | 1154       | 6.73       | 0.32       |
| 56 2800          | 1154       | 7.4        |            |
| 56 2800          | 1154       | 7.4        |            |
| 20 BB1.20        | 1155       | 4.3        | 0.8        |
| 20 BB1.20        | 1155       | 4.3        | 0.8        |
| 20 BB1.20        | 1155       | 4.3        | 0.8        |
| 39 01E1          | 1155       | 8.82       |            |
| 39 01E1          | 1155       | 8.82       |            |
| 39 01E3          | 1155       | 8.84       |            |
| 39 01E4          | 1155       | 8.84       |            |
| 39 01E3          | 1155       | 8.84       |            |
| 39 01E4          | 1155       | 8.84       |            |
| 39 01E2          | 1155       | 8.87       |            |
| 39 01E2          | 1155       | 8.87       |            |
| 43 98LB3         | 1155       | 8.22       |            |
| 43 98LB3         | 1155       | 8.22       |            |
| 43 98HA2         | 1155       | 10.84      |            |
| 43 98HA2         | 1155       | 10.84      |            |
| 55 AM86-1        | 1155       | 8.1        |            |

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| 55 AM86-1        | 1155       | 8.1        |            |
| 51 CS11-6_10     | 1155.16307 | 7.10750534 | 0.2241491  |
| 51 CS11-6_10     | 1155.16307 | 7.10750534 | 0.2241491  |
| 44 94DM20        | 1156       | 6.8        |            |
| 44 94DM20        | 1156       | 6.8        |            |
| 51 CS11-20-36    | 1156.35092 | 5.64772234 | 0.34022151 |
| 51 CS11-20-36    | 1156.35092 | 5.64772234 | 0.34022151 |
| 51 CS12-17-30    | 1156.50477 | 7.04041934 | 0.65730736 |
| 51 CS12-17-30    | 1156.50477 | 7.04041934 | 0.65730736 |
| 52 CP04-27-45    | 1156.51335 | 11.6103851 | 0.2189359  |
| 52 CP04-27-45    | 1156.51335 | 11.6103851 | 0.2189359  |
| 44 93DM131a      | 1157       | 7.9        |            |
| 44 93DM131a      | 1157       | 7.9        |            |
| 55 AM86-17       | 1157       | 7.78       |            |
| 55 AM86-17       | 1157       | 7.78       |            |
| 106 10GD48-35    | 1157       | 5.06       | 0.27       |
| 51 BBF-11-35     | 1158.89117 | 9.63579238 | 0.77539406 |
| 51 BBF-11-35     | 1158.89117 | 9.63579238 | 0.77539406 |
| 51 CS12-24-2     | 1159.05657 | 5.42031105 | 0.49882845 |
| 51 CS12-24-2     | 1159.05657 | 5.42031105 | 0.49882845 |
| 35 07LSC5_58.1   | 1160       | 7.5        | 0.3        |
| 35 07LSC5_58.1   | 1160       | 7.5        | 0.3        |
| 44 94DM53        | 1160       | 11.86      |            |
| 44 94DM53        | 1160       | 11.86      |            |
| 60 vgt-080       | 1160       | 8.9        | 0.2        |
| 60 vgt-080       | 1160       | 8.9        | 0.2        |
| 51 CS11-20-24    | 1161.30483 | 7.02187235 | 0.57387865 |
| 51 CS11-20-24    | 1161.30483 | 7.02187235 | 0.57387865 |
| 51 CS12-23-24    | 1161.32085 | 6.36125037 | 0.57133791 |
| 51 CS12-23-24    | 1161.32085 | 6.36125037 | 0.57133791 |
| 10 2641-55       | 1162       | 6.1        | 0.3        |
| 10 2641-55       | 1162       | 6.1        | 0.3        |
| 30 n2539-rpt-b60 | 1162       | 4.79       | 0.29       |
| 30 n2539-rpt-b60 | 1162       | 4.79       | 0.29       |
| 37 07SC49@84     | 1162       | 7.53       | 0.26       |
| 37 07SC49@84     | 1162       | 7.53       | 0.26       |
| 44 93DM19        | 1162       | 7.96       |            |
| 44 93DM19        | 1162       | 7.96       |            |
| 44 86DM9c        | 1162       | 11.13      |            |
| 44 86DM9c        | 1162       | 11.13      |            |
| 56 V76 200       | 1162       | 6.58       |            |
| 56 V76 200       | 1162       | 6.58       |            |
| 107 IT/18_10     | 1162       | 7.16       | 0.1        |
| 52 CP04-45-34    | 1162.28126 | 7.13047292 | 0.25852815 |
| 52 CP04-45-34    | 1162.28126 | 7.13047292 | 0.25852815 |

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| 51 BBF-11-103  | 1162.80309 | 6.02690561 | 0.74500842 |
| 51 BBF-11-103  | 1162.80309 | 6.02690561 | 0.74500842 |
| 10 2641-15     | 1163       | 6.2        | 0.5        |
| 10 2641-15     | 1163       | 6.2        | 0.5        |
| 37 07SC65@13   | 1164       | 5.56       | 0.43       |
| 37 07SC65@13   | 1164       | 5.56       | 0.43       |
| 44 CQA925B     | 1164       | 8.13       |            |
| 44 CQA925B     | 1164       | 8.13       |            |
| 44 CQA925A     | 1164       | 8.36       |            |
| 44 CQA925A     | 1164       | 8.36       |            |
| 44 AM87-5      | 1164       | 11.05      |            |
| 44 AM87-5      | 1164       | 11.05      |            |
| 107 WPG90/4_35 | 1164       | 8.32       | 0.14       |
| 51 CS11-20-15  | 1164.11444 | 4.08377647 | 0.34428353 |
| 51 CS11-20-15  | 1164.11444 | 4.08377647 | 0.34428353 |
| 51 CS11-19-49b | 1164.24017 | 3.58926839 | 0.35598353 |
| 51 CS11-19-49b | 1164.24017 | 3.58926839 | 0.35598353 |
| 51 CS11-13_10  | 1164.36051 | 8.09837301 | 0.21392737 |
| 51 CS11-13_10  | 1164.36051 | 8.09837301 | 0.21392737 |
| 52 CP03-39-49  | 1164.45745 | 7.00120562 | 0.19890868 |
| 52 CP03-39-49  | 1164.45745 | 7.00120562 | 0.19890868 |
| 52 CP03-51-66  | 1164.91218 | 4.85194279 | 0.17699852 |
| 52 CP03-51-66  | 1164.91218 | 4.85194279 | 0.17699852 |
| 44 CQA1427     | 1165       | 6.8        |            |
| 44 CQA1427     | 1165       | 6.8        |            |
| 44 96FN1       | 1165       | 8.19       |            |
| 44 96FN1       | 1165       | 8.19       |            |
| 44 96MR43      | 1165       | 8.39       |            |
| 44 96MR43      | 1165       | 8.39       |            |
| 44 CQA3565B    | 1165       | 8.86       |            |
| 44 CQA3565B    | 1165       | 8.86       |            |
| 44 CQA1085     | 1165       | 9.23       |            |
| 44 CQA1085     | 1165       | 9.23       |            |
| 44 LH86-63     | 1165       | 11.15      |            |
| 44 LH86-63     | 1165       | 11.15      |            |
| 51 CS12-25-43  | 1165.2099  | 6.16410148 | 0.45129856 |
| 51 CS12-25-43  | 1165.2099  | 6.16410148 | 0.45129856 |
| 52 CP03-39-2   | 1165.5899  | 4.02843156 | 0.31573283 |
| 52 CP03-39-2   | 1165.5899  | 4.02843156 | 0.31573283 |
| 35 07LSC6_13.1 | 1166       | 6.1        | 0.5        |
| 35 07LSC6_13.1 | 1166       | 6.1        | 0.5        |
| 44 LH87-31     | 1166       | 10.92      |            |
| 44 LH87-31     | 1166       | 10.92      |            |
| 44 LH87-64     | 1166       | 13.01      |            |
| 44 LH87-64     | 1166       | 13.01      |            |

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| 52 CP04-2-2      | 1166.55822 | 5.99261424 | 0.19768459 |
| 52 CP04-2-2      | 1166.55822 | 5.99261424 | 0.19768459 |
| 51 CS11-20-10    | 1166.83131 | 7.04697209 | 0.76871329 |
| 51 CS11-20-10    | 1166.83131 | 7.04697209 | 0.76871329 |
| 44 CQA008        | 1167       | 7.43       |            |
| 44 CQA008        | 1167       | 7.43       |            |
| 52 CP04-27-42    | 1167.73078 | 6.79036571 | 0.2175394  |
| 52 CP04-27-42    | 1167.73078 | 6.79036571 | 0.2175394  |
| 59 MO-1062       | 1168       | 7          | 0.3        |
| 59 MO-1062       | 1168       | 7          | 0.3        |
| 51 CS11-19-56    | 1168.35484 | 6.45284836 | 0.49476097 |
| 51 CS11-19-56    | 1168.35484 | 6.45284836 | 0.49476097 |
| 18 ORG2-anu-zrn- | 1169.10557 | 8.30502377 | 0.95033376 |
| 18 ORG2-anu-zrn- | 1169.10557 | 8.30502377 | 0.95033376 |
| 52 CP03-39-62    | 1169.60782 | 6.28952031 | 0.19063514 |
| 52 CP03-39-62    | 1169.60782 | 6.28952031 | 0.19063514 |
| 51 CS12-23-22    | 1169.69092 | 5.43119879 | 0.45327398 |
| 51 CS12-23-22    | 1169.69092 | 5.43119879 | 0.45327398 |
| 51 CS12-24-13    | 1170.09612 | 6.25029576 | 0.5811856  |
| 51 CS12-24-13    | 1170.09612 | 6.25029576 | 0.5811856  |
| 52 CP03-39-43    | 1170.10386 | 7.87643351 | 0.26892313 |
| 52 CP03-39-43    | 1170.10386 | 7.87643351 | 0.26892313 |
| 52 CP03-39-13    | 1170.31858 | 6.46956719 | 0.24244238 |
| 52 CP03-39-13    | 1170.31858 | 6.46956719 | 0.24244238 |
| 51 CS12-17-52    | 1170.72686 | 7.09331568 | 0.71561499 |
| 51 CS12-17-52    | 1170.72686 | 7.09331568 | 0.71561499 |
| 106 10GD48-58    | 1171       | 7.95       | 0.17       |
| 51 CS11-20-37    | 1171.60424 | 6.0788039  | 0.61270469 |
| 51 CS11-20-37    | 1171.60424 | 6.0788039  | 0.61270469 |
| 37 07SC65@20     | 1172       | 6.4        | 0.39       |
| 37 07SC65@20     | 1172       | 6.4        | 0.39       |
| 55 AC85-5        | 1172       | 4.61       |            |
| 55 AC85-5        | 1172       | 4.61       |            |
| 56 AM87-4        | 1172       | 6.46       |            |
| 56 AM87-4        | 1172       | 6.46       |            |
| 56 AM87-1        | 1172       | 9.07       |            |
| 56 AM87-1        | 1172       | 9.07       |            |
| 56 TC-16         | 1172       | 11.51      |            |
| 56 TC-16         | 1172       | 11.51      |            |
| 51 CS12-24-12    | 1172.08027 | 6.72054623 | 0.51940884 |
| 51 CS12-24-12    | 1172.08027 | 6.72054623 | 0.51940884 |
| 52 CP04-27-1     | 1172.91513 | 5.64250387 | 0.24777106 |
| 52 CP04-27-1     | 1172.91513 | 5.64250387 | 0.24777106 |
| 59 MO-947        | 1173       | 8.4        | 0.3        |
| 59 MO-947        | 1173       | 8.4        | 0.3        |

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| 51 CS12-23-17    | 1173.00615 | 6.70967991 | 0.66829703 |
| 51 CS12-23-17    | 1173.00615 | 6.70967991 | 0.66829703 |
| 51 CS12-24-24    | 1173.01202 | 6.22716149 | 0.56923992 |
| 51 CS12-24-24    | 1173.01202 | 6.22716149 | 0.56923992 |
| 51 BBF-11-107    | 1173.12727 | 7.02045846 | 0.57847579 |
| 51 BBF-11-107    | 1173.12727 | 7.02045846 | 0.57847579 |
| 52 BBF-29-12     | 1173.61946 | 6.86810554 | 0.57467985 |
| 52 BBF-29-12     | 1173.61946 | 6.86810554 | 0.57467985 |
| 51 CS11-20-49    | 1173.66937 | 5.44354886 | 0.44760812 |
| 51 CS11-20-49    | 1173.66937 | 5.44354886 | 0.44760812 |
| 52 CP04-2-68     | 1173.9192  | 7.19798234 | 0.16158693 |
| 52 CP04-2-68     | 1173.9192  | 7.19798234 | 0.16158693 |
| 107 DL90/7_15    | 1174       | 6.32       | 0.2        |
| 52 BBF-29-36     | 1174.35026 | 7.40369616 | 0.7036603  |
| 52 BBF-29-36     | 1174.35026 | 7.40369616 | 0.7036603  |
| 51 CS12-24-55    | 1174.67881 | 6.38420538 | 0.59876565 |
| 51 CS12-24-55    | 1174.67881 | 6.38420538 | 0.59876565 |
| 106 10GD48-84    | 1175       | 7.93       | 0.27       |
| 51 CS12-17-60    | 1175.1524  | 6.74449928 | 0.51943281 |
| 51 CS12-17-60    | 1175.1524  | 6.74449928 | 0.51943281 |
| 18 ORG2-anu-zrn- | 1175.27856 | 7.12227085 | 0.75536944 |
| 18 ORG2-anu-zrn- | 1175.27856 | 7.12227085 | 0.75536944 |
| 18 ORG2-anu-zrn- | 1175.81895 | 8.51438684 | 0.73978511 |
| 18 ORG2-anu-zrn- | 1175.81895 | 8.51438684 | 0.73978511 |
| 44 LH87-30       | 1176       | 13.51      |            |
| 44 LH87-30       | 1176       | 13.51      |            |
| 18 ORG2-anu-zrn- | 1176.92286 | 6.69234939 | 0.75070804 |
| 18 ORG2-anu-zrn- | 1176.92286 | 6.69234939 | 0.75070804 |
| 37 07SC49@38     | 1177       | 9.07       | 0.45       |
| 37 07SC49@38     | 1177       | 9.07       | 0.45       |
| 51 CS12-23-43    | 1177.0349  | 7.22405945 | 0.69269157 |
| 51 CS12-23-43    | 1177.0349  | 7.22405945 | 0.69269157 |
| 51 CS11-19-4     | 1179.31836 | 7.17365823 | 0.73995558 |
| 51 CS11-19-4     | 1179.31836 | 7.17365823 | 0.73995558 |
| 51 CS11-19-13    | 1179.71633 | 4.70649333 | 0.33481521 |
| 51 CS11-19-13    | 1179.71633 | 4.70649333 | 0.33481521 |
| 51 CS12-24-49    | 1179.90007 | 6.49149512 | 0.60065309 |
| 51 CS12-24-49    | 1179.90007 | 6.49149512 | 0.60065309 |
| 51 CS12-25-1     | 1180.74232 | 5.71174694 | 0.62697152 |
| 51 CS12-25-1     | 1180.74232 | 5.71174694 | 0.62697152 |
| 35 07LSC6_50.1   | 1181       | 5.4        | 0.2        |
| 35 07LSC6_50.1   | 1181       | 5.4        | 0.2        |
| 121 19           | 1181       | 7.44       | 0.25       |
| 18 ORG2-anu-zrn- | 1182.15784 | 6.46750356 | 0.55747855 |
| 18 ORG2-anu-zrn- | 1182.15784 | 6.46750356 | 0.55747855 |



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| 51 CS11-20-25    | 1182.95118 | 6.34478264 | 0.53419502 |
| 51 CS11-20-25    | 1182.95118 | 6.34478264 | 0.53419502 |
| 19 08LL04 53     | 1183       | 6.1        | 0.21       |
| 19 08LL04 53     | 1183       | 6.1        | 0.21       |
| 20 KK1.7         | 1183       | 7.7        | 0.9        |
| 20 KK1.7         | 1183       | 7.7        | 0.9        |
| 20 KK1.7         | 1183       | 7.7        | 0.9        |
| 47 PMOG_P-60     | 1183       | 6.3        | 0.4        |
| 47 PMOG_P-60     | 1183       | 6.3        | 0.4        |
| 59 MO-917        | 1183       | 7          | 0.3        |
| 59 MO-917        | 1183       | 7          | 0.3        |
| 18 ORG2-anu-zrn- | 1183.28975 | 6.39053878 | 0.55213428 |
| 18 ORG2-anu-zrn- | 1183.28975 | 6.39053878 | 0.55213428 |
| 51 CS12-23-45    | 1183.40128 | 9.38502057 | 0.84723946 |
| 51 CS12-23-45    | 1183.40128 | 9.38502057 | 0.84723946 |
| 51 BBF-11-83     | 1183.96391 | 5.43855864 | 0.40635608 |
| 51 BBF-11-83     | 1183.96391 | 5.43855864 | 0.40635608 |
| 55 TOE           | 1184       | 8.3        |            |
| 55 TOE           | 1184       | 8.3        |            |
| 52 BBF-29-46     | 1184.16021 | 6.65055952 | 0.64687132 |
| 52 BBF-29-46     | 1184.16021 | 6.65055952 | 0.64687132 |
| 51 CS11-18-45    | 1184.42971 | 7.90622256 | 0.81502237 |
| 51 CS11-18-45    | 1184.42971 | 7.90622256 | 0.81502237 |
| 51 CS11-18-35    | 1184.55668 | 6.25849838 | 0.48768255 |
| 51 CS11-18-35    | 1184.55668 | 6.25849838 | 0.48768255 |
| 51 CS11-20-63    | 1185.87948 | 6.83725256 | 0.68228527 |
| 51 CS11-20-63    | 1185.87948 | 6.83725256 | 0.68228527 |
| 20 HV1. v15      | 1186       | 5.5        | 0.4        |
| 20 HV1. v15      | 1186       | 5.5        | 0.4        |
| 20 HV1. v15      | 1186       | 5.5        | 0.4        |
| 119 43.1         | 1186       | 7          | 0.3175     |
| 52 CP03-39-83    | 1186.21993 | 7.25677216 | 0.23812619 |
| 52 CP03-39-83    | 1186.21993 | 7.25677216 | 0.23812619 |
| 51 CS12-25-20    | 1186.35456 | 6.54187422 | 0.51040968 |
| 51 CS12-25-20    | 1186.35456 | 6.54187422 | 0.51040968 |
| 51 CS12-17-27    | 1186.78468 | 6.24352763 | 0.53706038 |
| 51 CS12-17-27    | 1186.78468 | 6.24352763 | 0.53706038 |
| 51 CS12-24-47    | 1186.81447 | 6.74849146 | 0.68759116 |
| 51 CS12-24-47    | 1186.81447 | 6.74849146 | 0.68759116 |
| 35 07LSC6_30.1   | 1187       | 5.4        | 0.3        |
| 35 07LSC6_30.1   | 1187       | 5.4        | 0.3        |
| 51 CS12-17-26    | 1187.95931 | 6.38274792 | 0.81475469 |
| 51 CS12-17-26    | 1187.95931 | 6.38274792 | 0.81475469 |
| 18 ORG2-anu-zrn- | 1187.98885 | 7.75391093 | 0.74548988 |
| 18 ORG2-anu-zrn- | 1187.98885 | 7.75391093 | 0.74548988 |

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| 51 CS11-18-32    | 1188.03842 | 4.92606302 | 0.44810122 |
| 51 CS11-18-32    | 1188.03842 | 4.92606302 | 0.44810122 |
| 35 07LSC5_10.1   | 1189       | 5.8        | 0.5        |
| 35 07LSC5_10.1   | 1189       | 5.8        | 0.5        |
| 35 07LSC5_22.1   | 1189       | 6.3        | 0.3        |
| 35 07LSC5_22.1   | 1189       | 6.3        | 0.3        |
| 119 47.1         | 1189       | 5.1747     | 0.3658     |
| 10 2606-03       | 1190       | 8.5        | 0.4        |
| 10 2606-03       | 1190       | 8.5        | 0.4        |
| 37 07SC65@49     | 1190       | 8.06       | 0.29       |
| 37 07SC65@49     | 1190       | 8.06       | 0.29       |
| 52 BBF-29-52     | 1191.27374 | 5.99500952 | 0.45196699 |
| 52 BBF-29-52     | 1191.27374 | 5.99500952 | 0.45196699 |
| 51 CS11-20-68    | 1192.69079 | 6.12161384 | 0.46297332 |
| 51 CS11-20-68    | 1192.69079 | 6.12161384 | 0.46297332 |
| 51 CS11-1-10     | 1192.93207 | 7.25549784 | 0.56533193 |
| 51 CS11-1-10     | 1192.93207 | 7.25549784 | 0.56533193 |
| 35 07LSC6_35.1   | 1194       | 4.8        | 0.4        |
| 35 07LSC6_35.1   | 1194       | 4.8        | 0.4        |
| 18 ZMB2-anu-zrn- | 1194.09163 | 7.59520923 | 0.55947845 |
| 18 ZMB2-anu-zrn- | 1194.09163 | 7.59520923 | 0.55947845 |
| 51 CS12-25-18    | 1194.33962 | 4.79386332 | 0.35781023 |
| 51 CS12-25-18    | 1194.33962 | 4.79386332 | 0.35781023 |
| 51 CS12-23-29    | 1194.44977 | 4.85231788 | 0.46692168 |
| 51 CS12-23-29    | 1194.44977 | 4.85231788 | 0.46692168 |
| 10 2641-22       | 1195       | 6.6        | 0.5        |
| 10 2641-22       | 1195       | 6.6        | 0.5        |
| 52 CP04-2-63     | 1195.13956 | 5.45483457 | 0.16122904 |
| 52 CP04-2-63     | 1195.13956 | 5.45483457 | 0.16122904 |
| 51 CS12-23-50    | 1195.50292 | 5.87597516 | 0.55524342 |
| 51 CS12-23-50    | 1195.50292 | 5.87597516 | 0.55524342 |
| 52 BBF-29-50     | 1195.94174 | 6.59030896 | 0.52942028 |
| 52 BBF-29-50     | 1195.94174 | 6.59030896 | 0.52942028 |
| 37 07SC49@40     | 1196       | 5.66       | 0.25       |
| 37 07SC49@40     | 1196       | 5.66       | 0.25       |
| 52 CP04-27-66    | 1196.46161 | 7.8702061  | 0.22307339 |
| 52 CP04-27-66    | 1196.46161 | 7.8702061  | 0.22307339 |
| 51 CS11-19-6     | 1196.51719 | 5.08320427 | 0.47227263 |
| 51 CS11-19-6     | 1196.51719 | 5.08320427 | 0.47227263 |
| 51 CS12-23-34    | 1196.98629 | 6.96233455 | 0.68460419 |
| 51 CS12-23-34    | 1196.98629 | 6.96233455 | 0.68460419 |
| 47 PMOG_P-23     | 1197       | 9.5        | 0.4        |
| 47 PMOG_P-23     | 1197       | 9.5        | 0.4        |
| 107 DL90/7_23    | 1197       | 8.94       | 0.38       |
| 51 BBF-11-93     | 1197.27922 | 6.72755697 | 0.5212254  |

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| 51 BBF-11-93     | 1197.27922 | 6.72755697 | 0.5212254  |
| 51 BBF-11-90     | 1197.83803 | 6.33890797 | 0.54770992 |
| 51 BBF-11-90     | 1197.83803 | 6.33890797 | 0.54770992 |
| 51 BBF-11-95     | 1198.05094 | 9.36057089 | 0.70858776 |
| 51 BBF-11-95     | 1198.05094 | 9.36057089 | 0.70858776 |
| 51 CS11-18-1     | 1198.2366  | 5.99453708 | 0.64617239 |
| 51 CS11-18-1     | 1198.2366  | 5.99453708 | 0.64617239 |
| 51 CS11-18-17    | 1198.92036 | 5.78536916 | 0.49543709 |
| 51 CS11-18-17    | 1198.92036 | 5.78536916 | 0.49543709 |
| 51 CS11-20-35    | 1199.02636 | 7.52846289 | 0.69211355 |
| 51 CS11-20-35    | 1199.02636 | 7.52846289 | 0.69211355 |
| 51 BBF-11-44     | 1199.34283 | 6.5925464  | 0.63663749 |
| 51 BBF-11-44     | 1199.34283 | 6.5925464  | 0.63663749 |
| 51 BBF-11-104    | 1199.3626  | 7.39622205 | 0.59294629 |
| 51 BBF-11-104    | 1199.3626  | 7.39622205 | 0.59294629 |
| 52 CP03-39-21    | 1199.48074 | 8.82818133 | 0.24053652 |
| 52 CP03-39-21    | 1199.48074 | 8.82818133 | 0.24053652 |
| 10 2641-07       | 1200       | 6.4        | 0.5        |
| 10 2641-07       | 1200       | 6.4        | 0.5        |
| 20 BB1.31        | 1200       | 4.9        | 0.5        |
| 20 BB1.31        | 1200       | 4.9        | 0.5        |
| 20 BB1.31        | 1200       | 4.9        | 0.5        |
| 52 CP03-51-31    | 1200.21692 | 9.15305624 | 0.2250305  |
| 52 CP03-51-31    | 1200.21692 | 9.15305624 | 0.2250305  |
| 51 CS11-19-50b   | 1200.92176 | 6.38452883 | 0.56858013 |
| 51 CS11-19-50b   | 1200.92176 | 6.38452883 | 0.56858013 |
| 51 CS11-19-11    | 1201.66607 | 6.05382509 | 0.48814103 |
| 51 CS11-19-11    | 1201.66607 | 6.05382509 | 0.48814103 |
| 51 CS11-19-14    | 1201.73037 | 6.74899048 | 0.63655928 |
| 51 CS11-19-14    | 1201.73037 | 6.74899048 | 0.63655928 |
| 51 CS11-20-4     | 1202.30925 | 8.01172105 | 0.6837563  |
| 51 CS11-20-4     | 1202.30925 | 8.01172105 | 0.6837563  |
| 51 CS11-18-53    | 1202.63138 | 5.81835752 | 0.51385099 |
| 51 CS11-18-53    | 1202.63138 | 5.81835752 | 0.51385099 |
| 35 07LSC5_1.1    | 1203       | 6.4        | 0.3        |
| 35 07LSC5_1.1    | 1203       | 6.4        | 0.3        |
| 51 CS11-19-23    | 1203.11445 | 6.03017445 | 0.46328522 |
| 51 CS11-19-23    | 1203.11445 | 6.03017445 | 0.46328522 |
| 51 CS11-20-27    | 1203.11712 | 6.61190353 | 0.77736019 |
| 51 CS11-20-27    | 1203.11712 | 6.61190353 | 0.77736019 |
| 18 ORG2-anu-zrn- | 1203.48188 | 8.84949913 | 0.55021942 |
| 18 ORG2-anu-zrn- | 1203.48188 | 8.84949913 | 0.55021942 |
| 47 PMOG-441_41-! | 1204       | 7          | 0.3        |
| 47 PMOG-441_41-! | 1204       | 7          | 0.3        |
| 51 CS11-19-43    | 1204.31208 | 7.36129051 | 0.67012932 |

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| 51 CS11-19-43  | 1204.31208 | 7.36129051 | 0.67012932 |
| 51 CS11-13_36  | 1204.93856 | 6.79519866 | 0.21412907 |
| 51 CS11-13_36  | 1204.93856 | 6.79519866 | 0.21412907 |
| 51 CS11-20-64  | 1206.77001 | 7.0640376  | 0.74070049 |
| 51 CS11-20-64  | 1206.77001 | 7.0640376  | 0.74070049 |
| 51 CS11-20-29  | 1206.8061  | 7.28743525 | 0.74765238 |
| 51 CS11-20-29  | 1206.8061  | 7.28743525 | 0.74765238 |
| 55 ANT         | 1207       | 7.79       |            |
| 55 ANT         | 1207       | 7.79       |            |
| 51 CS11-19-38  | 1207.29514 | 6.64500945 | 0.56299338 |
| 51 CS11-19-38  | 1207.29514 | 6.64500945 | 0.56299338 |
| 52 BBF-29-49   | 1207.60675 | 7.00469341 | 0.54382433 |
| 52 BBF-29-49   | 1207.60675 | 7.00469341 | 0.54382433 |
| 51 CS11-20-44  | 1207.79884 | 6.58889987 | 0.6156527  |
| 51 CS11-20-44  | 1207.79884 | 6.58889987 | 0.6156527  |
| 60 VGt-514     | 1208       | 6.7        | 0.2        |
| 60 VGt-514     | 1208       | 6.7        | 0.2        |
| 52 BBF-29-13   | 1208.04723 | 6.34677873 | 0.48414054 |
| 52 BBF-29-13   | 1208.04723 | 6.34677873 | 0.48414054 |
| 52 CP03-51-12  | 1208.93749 | 6.11891806 | 0.18528593 |
| 52 CP03-51-12  | 1208.93749 | 6.11891806 | 0.18528593 |
| 51 CS11-19-56b | 1209.05056 | 6.7402694  | 0.61074766 |
| 51 CS11-19-56b | 1209.05056 | 6.7402694  | 0.61074766 |
| 51 BBF-11-74b  | 1209.54383 | 4.97877984 | 0.32822928 |
| 51 BBF-11-74b  | 1209.54383 | 4.97877984 | 0.32822928 |
| 51 CS11-20-60  | 1210.19726 | 7.16167767 | 0.82905843 |
| 51 CS11-20-60  | 1210.19726 | 7.16167767 | 0.82905843 |
| 106 IOGD49-38  | 1211       | 7.39       | 0.23       |
| 51 CS11-20-19  | 1211.77984 | 6.10425403 | 0.53840484 |
| 51 CS11-20-19  | 1211.77984 | 6.10425403 | 0.53840484 |
| 51 CS11-19-18  | 1213.19697 | 6.3687357  | 0.55046174 |
| 51 CS11-19-18  | 1213.19697 | 6.3687357  | 0.55046174 |
| 51 CS11-18-5   | 1214.16382 | 10.6944187 | 0.8537747  |
| 51 CS11-18-5   | 1214.16382 | 10.6944187 | 0.8537747  |
| 52 BBF-29-8    | 1214.67082 | 6.42896499 | 0.51221046 |
| 52 BBF-29-8    | 1214.67082 | 6.42896499 | 0.51221046 |
| 107 IT/5_22    | 1215       | 6.39       | 0.25       |
| 51 BBF-11-82   | 1215.85656 | 7.24352131 | 0.5337994  |
| 51 BBF-11-82   | 1215.85656 | 7.24352131 | 0.5337994  |
| 51 CS11-20-51  | 1215.91381 | 7.71709321 | 0.71847861 |
| 51 CS11-20-51  | 1215.91381 | 7.71709321 | 0.71847861 |
| 51 CS11-20-20  | 1216.4946  | 6.58581028 | 0.59093767 |
| 51 CS11-20-20  | 1216.4946  | 6.58581028 | 0.59093767 |
| 51 CS11-6_37   | 1217.03743 | 5.77223451 | 0.26040305 |
| 51 CS11-6_37   | 1217.03743 | 5.77223451 | 0.26040305 |

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| 51 BBF-11-69     | 1217.9882  | 6.10895627 | 0.5763368  |
| 51 BBF-11-69     | 1217.9882  | 6.10895627 | 0.5763368  |
| 60 VGt-384       | 1218       | 6.5        | 0.4        |
| 60 VGt-384       | 1218       | 6.5        | 0.4        |
| 56 AC85-3        | 1219       | 5.07       |            |
| 56 AC85-3        | 1219       | 5.07       |            |
| 18 ORG2-anu-zrn- | 1219.88446 | 7.3517014  | 0.55937895 |
| 18 ORG2-anu-zrn- | 1219.88446 | 7.3517014  | 0.55937895 |
| 35 07LSC6_46.1   | 1220       | 6          | 0.6        |
| 35 07LSC6_46.1   | 1220       | 6          | 0.6        |
| 51 CS12-17-37    | 1220.57953 | 4.85370483 | 0.34190273 |
| 51 CS12-17-37    | 1220.57953 | 4.85370483 | 0.34190273 |
| 51 CS12-24-44    | 1220.62911 | 6.49289976 | 0.51251672 |
| 51 CS12-24-44    | 1220.62911 | 6.49289976 | 0.51251672 |
| 52 BBF-29-54     | 1220.80057 | 7.45578338 | 0.71587829 |
| 52 BBF-29-54     | 1220.80057 | 7.45578338 | 0.71587829 |
| 59 M0-927        | 1221       | 6.3        | 0.3        |
| 59 M0-927        | 1221       | 6.3        | 0.3        |
| 102 DC1135       | 1221       | 4.99       | 0.11       |
| 107 WPG90/4_2    | 1221       | 6.18       | 0.18       |
| 51 CS11-20-70    | 1221.14796 | 7.02045846 | 0.64273354 |
| 51 CS11-20-70    | 1221.14796 | 7.02045846 | 0.64273354 |
| 35 07LSC3_36.1   | 1222       | 5          | 0.2        |
| 35 07LSC3_36.1   | 1222       | 5          | 0.2        |
| 18 ORG2-anu-zrn- | 1222.32403 | 6.11133991 | 0.5541712  |
| 18 ORG2-anu-zrn- | 1222.32403 | 6.11133991 | 0.5541712  |
| 47 PMOG-441_41-; | 1223       | 7.1        | 0.3        |
| 47 PMOG-441_41-; | 1223       | 7.1        | 0.3        |
| 106 10GD48-107   | 1223       | 5.6        | 0.29       |
| 30 n2539-rpt-b2: | 1225       | 6.94       | 0.27       |
| 30 n2539-rpt-b2: | 1225       | 6.94       | 0.27       |
| 60 VGt-366       | 1225       | 4.8        | 0.4        |
| 60 VGt-366       | 1225       | 4.8        | 0.4        |
| 52 CP03-51-10    | 1226.10942 | 6.71464153 | 0.1918757  |
| 52 CP03-51-10    | 1226.10942 | 6.71464153 | 0.1918757  |
| 52 BBF-29-27     | 1226.12294 | 5.8285339  | 0.52102426 |
| 52 BBF-29-27     | 1226.12294 | 5.8285339  | 0.52102426 |
| 52 BBF-29-38     | 1226.6506  | 5.49097474 | 0.57679492 |
| 52 BBF-29-38     | 1226.6506  | 5.49097474 | 0.57679492 |
| 51 CS11-19-58    | 1227.6302  | 6.82786582 | 0.72397217 |
| 51 CS11-19-58    | 1227.6302  | 6.82786582 | 0.72397217 |
| 52 CP04-2-57     | 1227.67393 | 8.16778638 | 0.16113287 |
| 52 CP04-2-57     | 1227.67393 | 8.16778638 | 0.16113287 |
| 51 CS11-20-59    | 1228.02133 | 5.70688348 | 0.44148226 |
| 51 CS11-20-59    | 1228.02133 | 5.70688348 | 0.44148226 |

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| 52 BBF-29-35     | 1229.63659 | 6.58167129 | 0.5437846  |
| 52 BBF-29-35     | 1229.63659 | 6.58167129 | 0.5437846  |
| 18 ORG2-anu-zrn- | 1229.82378 | 4.23777669 | 0.75172065 |
| 18 ORG2-anu-zrn- | 1229.82378 | 4.23777669 | 0.75172065 |
| 20 CM1.9         | 1231       | 5.7        | 0.4        |
| 20 CM1.9         | 1231       | 5.7        | 0.4        |
| 20 CM1.9         | 1231       | 5.7        | 0.4        |
| 51 CS11-20-41    | 1231.75871 | 6.41639124 | 0.48591534 |
| 51 CS11-20-41    | 1231.75871 | 6.41639124 | 0.48591534 |
| 52 CP04-2-29     | 1232.45966 | 4.60517688 | 0.26181049 |
| 52 CP04-2-29     | 1232.45966 | 4.60517688 | 0.26181049 |
| 56 AM87-13       | 1233       | 6.45       |            |
| 56 AM87-13       | 1233       | 6.45       |            |
| 52 BBF-29-81     | 1233.00487 | 4.43204931 | 0.3896231  |
| 52 BBF-29-81     | 1233.00487 | 4.43204931 | 0.3896231  |
| 51 CS11-6_50     | 1235.06158 | 5.81127166 | 0.21608607 |
| 51 CS11-6_50     | 1235.06158 | 5.81127166 | 0.21608607 |
| 51 CS11-20-57    | 1235.85631 | 4.48748209 | 0.37837088 |
| 51 CS11-20-57    | 1235.85631 | 4.48748209 | 0.37837088 |
| 52 BBF-29-48     | 1236.17155 | 5.99076091 | 0.71995467 |
| 52 BBF-29-48     | 1236.17155 | 5.99076091 | 0.71995467 |
| 52 BBF-29-56     | 1236.20438 | 7.40130809 | 0.68914788 |
| 52 BBF-29-56     | 1236.20438 | 7.40130809 | 0.68914788 |
| 51 CS11-20-67    | 1236.49087 | 6.44558509 | 0.4834221  |
| 51 CS11-20-67    | 1236.49087 | 6.44558509 | 0.4834221  |
| 52 BBF-29-83     | 1236.82805 | 4.52085714 | 0.4225072  |
| 52 BBF-29-83     | 1236.82805 | 4.52085714 | 0.4225072  |
| 51 CS12-17-57    | 1238.45465 | 5.7927964  | 0.4857152  |
| 51 CS12-17-57    | 1238.45465 | 5.7927964  | 0.4857152  |
| 51 CS11-6_47     | 1238.87972 | 7.65402548 | 0.27216583 |
| 51 CS11-6_47     | 1238.87972 | 7.65402548 | 0.27216583 |
| 52 CP04-45-58    | 1239.01922 | 5.19986434 | 0.23818678 |
| 52 CP04-45-58    | 1239.01922 | 5.19986434 | 0.23818678 |
| 52 CP03-39-85    | 1239.15839 | 7.62286749 | 0.21594445 |
| 52 CP03-39-85    | 1239.15839 | 7.62286749 | 0.21594445 |
| 51 CS12-24-46    | 1239.80618 | 4.33610685 | 0.47013518 |
| 51 CS12-24-46    | 1239.80618 | 4.33610685 | 0.47013518 |
| 44 CQA3565A      | 1240       | 6.33       |            |
| 44 CQA3565A      | 1240       | 6.33       |            |
| 106 10GD48-33    | 1240       | 6.25       | 0.2        |
| 107 DL90/7_3     | 1240       | 6.24       | 0.19       |
| 106 10GD49-76    | 1241       | 6.42       | 0.47       |
| 51 CS12-24-9     | 1241.30498 | 6.6441737  | 0.85376368 |
| 51 CS12-24-9     | 1241.30498 | 6.6441737  | 0.85376368 |
| 52 CP03-39-77    | 1241.8113  | 8.8176786  | 0.22952176 |

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| 52 CP03-39-77    | 1241. 8113  | 8. 8176786  | 0. 22952176 |
| 52 CP04-2-45     | 1243. 1069  | 6. 44563436 | 0. 1604681  |
| 52 CP04-2-45     | 1243. 1069  | 6. 44563436 | 0. 1604681  |
| 51 CS11-13_63    | 1243. 32002 | 5. 33450323 | 0. 21796977 |
| 51 CS11-13_63    | 1243. 32002 | 5. 33450323 | 0. 21796977 |
| 52 BBF-29-65     | 1243. 395   | 7. 65820861 | 0. 70815784 |
| 52 BBF-29-65     | 1243. 395   | 7. 65820861 | 0. 70815784 |
| 47 PMOG_P-50     | 1244        | 8           | 0. 4        |
| 47 PMOG_P-50     | 1244        | 8           | 0. 4        |
| 51 CS12-25-44    | 1244. 37915 | 8. 00693897 | 0. 59925765 |
| 51 CS12-25-44    | 1244. 37915 | 8. 00693897 | 0. 59925765 |
| 51 CS12-25-45    | 1244. 96987 | 6. 21998986 | 0. 44236582 |
| 51 CS12-25-45    | 1244. 96987 | 6. 21998986 | 0. 44236582 |
| 60 vgt-082       | 1246        | 5. 2        | 0. 2        |
| 60 vgt-082       | 1246        | 5. 2        | 0. 2        |
| 52 CP03-39-65    | 1246. 13458 | 9. 59938214 | 0. 20968375 |
| 52 CP03-39-65    | 1246. 13458 | 9. 59938214 | 0. 20968375 |
| 47 PMOG_P-1      | 1248        | 6. 6        | 0. 4        |
| 47 PMOG_P-1      | 1248        | 6. 6        | 0. 4        |
| 51 CS11-13_41    | 1248. 68491 | 6. 47915637 | 0. 21614512 |
| 51 CS11-13_41    | 1248. 68491 | 6. 47915637 | 0. 21614512 |
| 119 38. 1        | 1250        | 4           | 0. 5238     |
| 51 CS11-6_45     | 1250. 31982 | 6. 18813033 | 0. 24737822 |
| 51 CS11-6_45     | 1250. 31982 | 6. 18813033 | 0. 24737822 |
| 20 KK1. 1. 5a    | 1251        | 7. 1        | 0. 5        |
| 20 KK1. 1. 5a    | 1251        | 7. 1        | 0. 5        |
| 20 KK1. 1. 5a    | 1251        | 7. 1        | 0. 5        |
| 52 CP03-39-73    | 1251. 67723 | 9. 66439907 | 0. 2780785  |
| 52 CP03-39-73    | 1251. 67723 | 9. 66439907 | 0. 2780785  |
| 47 PMOG-441_41-' | 1252        | 5. 3        | 0. 3        |
| 47 PMOG-441_41-' | 1252        | 5. 3        | 0. 3        |
| 35 07LSC6_53. 1  | 1254        | 5. 2        | 0. 4        |
| 35 07LSC6_53. 1  | 1254        | 5. 2        | 0. 4        |
| 47 PMOG_P-37     | 1254        | 5. 4        | 0. 4        |
| 47 PMOG_P-37     | 1254        | 5. 4        | 0. 4        |
| 52 CP03-51-29    | 1254. 82141 | 7. 49893574 | 0. 17567668 |
| 52 CP03-51-29    | 1254. 82141 | 7. 49893574 | 0. 17567668 |
| 52 CP03-51-65    | 1255. 50868 | 6. 81718    | 0. 18578753 |
| 52 CP03-51-65    | 1255. 50868 | 6. 81718    | 0. 18578753 |
| 52 CP04-27-36    | 1255. 56926 | 5. 5689807  | 0. 20422181 |
| 52 CP04-27-36    | 1255. 56926 | 5. 5689807  | 0. 20422181 |
| 106 10GD49-75    | 1256        | 6. 32       | 0. 28       |
| 52 CP03-39-5     | 1256. 91912 | 7. 34679561 | 0. 19507604 |
| 52 CP03-39-5     | 1256. 91912 | 7. 34679561 | 0. 19507604 |
| 30 n2539-rpt-b1: | 1257        | 4. 23       | 0. 26       |

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| 30 n2539-rpt-bl  | 1257       | 4.23       | 0.26       |
| 52 CP03-39-33    | 1257.15391 | 7.61986671 | 0.21197334 |
| 52 CP03-39-33    | 1257.15391 | 7.61986671 | 0.21197334 |
| 52 CP03-51-41    | 1257.4867  | 6.60009857 | 0.20612633 |
| 52 CP03-51-41    | 1257.4867  | 6.60009857 | 0.20612633 |
| 51 CS12-25-25    | 1257.61316 | 4.99712627 | 0.51171225 |
| 51 CS12-25-25    | 1257.61316 | 4.99712627 | 0.51171225 |
| 51 CS11-20-26    | 1259.85339 | 5.79600179 | 0.5066187  |
| 51 CS11-20-26    | 1259.85339 | 5.79600179 | 0.5066187  |
| 51 CS11-1-4      | 1260.48128 | 6.17221038 | 0.54683518 |
| 51 CS11-1-4      | 1260.48128 | 6.17221038 | 0.54683518 |
| 52 CP04-2-19     | 1260.70178 | 5.64700529 | 0.21693107 |
| 52 CP04-2-19     | 1260.70178 | 5.64700529 | 0.21693107 |
| 51 CS11-1-9      | 1260.83368 | 7.91079613 | 0.71127325 |
| 51 CS11-1-9      | 1260.83368 | 7.91079613 | 0.71127325 |
| 106 10GD49-87    | 1261       | 10.74      | 0.25       |
| 51 CS11-19-36    | 1261.63581 | 5.16968681 | 0.46177393 |
| 51 CS11-19-36    | 1261.63581 | 5.16968681 | 0.46177393 |
| 37 07SC49@94     | 1262       | 9.6        | 0.42       |
| 37 07SC49@94     | 1262       | 9.6        | 0.42       |
| 59 MO-1113       | 1262       | 5.8        | 0.3        |
| 59 MO-1113       | 1262       | 5.8        | 0.3        |
| 52 BBF-29-57     | 1262.11163 | 5.81194224 | 0.46854659 |
| 52 BBF-29-57     | 1262.11163 | 5.81194224 | 0.46854659 |
| 51 CS12-25-40    | 1262.9423  | 5.53656915 | 0.4557908  |
| 51 CS12-25-40    | 1262.9423  | 5.53656915 | 0.4557908  |
| 51 CS11-6_40     | 1263.79381 | 7.2331249  | 0.22578301 |
| 51 CS11-6_40     | 1263.79381 | 7.2331249  | 0.22578301 |
| 52 CP03-51-68    | 1264.88323 | 8.45229337 | 0.18027276 |
| 52 CP03-51-68    | 1264.88323 | 8.45229337 | 0.18027276 |
| 52 CP03-51-50    | 1265.57698 | 3.60797615 | 0.23066285 |
| 52 CP03-51-50    | 1265.57698 | 3.60797615 | 0.23066285 |
| 52 CP03-39-38    | 1265.5972  | 6.49307331 | 0.20167802 |
| 52 CP03-39-38    | 1265.5972  | 6.49307331 | 0.20167802 |
| 52 BBF-29-47     | 1268.37881 | 5.61836863 | 0.42241123 |
| 52 BBF-29-47     | 1268.37881 | 5.61836863 | 0.42241123 |
| 18 ORG2-anu-zrn- | 1269.96806 | 5.98893652 | 0.54854293 |
| 18 ORG2-anu-zrn- | 1269.96806 | 5.98893652 | 0.54854293 |
| 106 10GD48-36    | 1270       | 7.76       | 0.36       |
| 52 BBF-29-18     | 1270.49792 | 3.29181904 | 0.22608058 |
| 52 BBF-29-18     | 1270.49792 | 3.29181904 | 0.22608058 |
| 18 ORG2-anu-zrn- | 1274.42575 | 5.22503347 | 0.56970136 |
| 18 ORG2-anu-zrn- | 1274.42575 | 5.22503347 | 0.56970136 |
| 35 07LSC5_14     | 1275       | 6.9        | 0.3        |
| 35 07LSC5_14     | 1275       | 6.9        | 0.3        |



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| 106 10GD49-104   | 1275       | 7.67       | 0.28       |
| 18 CNG2-anu-zrn- | 1275.24541 | 5.43710877 | 0.60434086 |
| 18 CNG2-anu-zrn- | 1275.24541 | 5.43710877 | 0.60434086 |
| 51 CS11-1-17     | 1276.03816 | 6.77579337 | 0.61118456 |
| 51 CS11-1-17     | 1276.03816 | 6.77579337 | 0.61118456 |
| 35 07LSC6_12.1   | 1278       | 7.9        | 0.2        |
| 35 07LSC6_12.1   | 1278       | 7.9        | 0.2        |
| 107 IT/12_3      | 1279       | 5.24       | 0.17       |
| 52 CP04-27-61    | 1280.85232 | 4.84625287 | 0.20309578 |
| 52 CP04-27-61    | 1280.85232 | 4.84625287 | 0.20309578 |
| 51 CS11-19-52b   | 1281.7535  | 9.06344159 | 0.95921317 |
| 51 CS11-19-52b   | 1281.7535  | 9.06344159 | 0.95921317 |
| 51 CS11-6_14     | 1282.98755 | 5.85931739 | 0.22307037 |
| 51 CS11-6_14     | 1282.98755 | 5.85931739 | 0.22307037 |
| 106 10GD48-17    | 1283       | 6.62       | 0.26       |
| 47 PMOG-441_41-! | 1284       | 5.5        | 0.3        |
| 47 PMOG-441_41-! | 1284       | 5.5        | 0.3        |
| 56 AC85-4        | 1284       | 9.25       |            |
| 56 AC85-4        | 1284       | 9.25       |            |
| 106 10GD48-75    | 1284       | 6.19       | 0.25       |
| 52 CP03-39-59    | 1284.10649 | 6.90718114 | 0.20557675 |
| 52 CP03-39-59    | 1284.10649 | 6.90718114 | 0.20557675 |
| 7 EC92-210       | 1285       | 5.44       |            |
| 7 EC92-210       | 1285       | 5.44       |            |
| 52 CP03-51-84    | 1286.88251 | 6.90921452 | 0.1838959  |
| 52 CP03-51-84    | 1286.88251 | 6.90921452 | 0.1838959  |
| 51 CS11-18-10    | 1288.79769 | 4.28896424 | 0.47001533 |
| 51 CS11-18-10    | 1288.79769 | 4.28896424 | 0.47001533 |
| 52 BBF-29-63     | 1288.93629 | 4.58440794 | 0.3859309  |
| 52 BBF-29-63     | 1288.93629 | 4.58440794 | 0.3859309  |
| 107 WPG90/4_30   | 1292       | 4.71       | 0.27       |
| 52 CP04-27-56    | 1293.52955 | 6.30621309 | 0.23291855 |
| 52 CP04-27-56    | 1293.52955 | 6.30621309 | 0.23291855 |
| 52 CP03-39-58    | 1293.8117  | 10.2525522 | 0.2016719  |
| 52 CP03-39-58    | 1293.8117  | 10.2525522 | 0.2016719  |
| 51 CS12-24-14    | 1293.8789  | 7.06788191 | 0.5666953  |
| 51 CS12-24-14    | 1293.8789  | 7.06788191 | 0.5666953  |
| 7 EC92-198B      | 1294       | 5.77       |            |
| 7 EC92-198B      | 1294       | 5.77       |            |
| 52 BBF-29-72     | 1294.04772 | 6.4026692  | 0.64429212 |
| 52 BBF-29-72     | 1294.04772 | 6.4026692  | 0.64429212 |
| 52 CP04-2-41     | 1295.10119 | 8.56992667 | 0.21990807 |
| 52 CP04-2-41     | 1295.10119 | 8.56992667 | 0.21990807 |
| 52 CP04-2-33     | 1295.47942 | 6.10314908 | 0.22094943 |
| 52 CP04-2-33     | 1295.47942 | 6.10314908 | 0.22094943 |

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| 106 10GD48-19  | 1297       | 8.67       | 0.19       |
| 51 CS11-6_17   | 1297.53517 | 8.9072182  | 0.24245637 |
| 51 CS11-6_17   | 1297.53517 | 8.9072182  | 0.24245637 |
| 7 EC89-130     | 1300       | 7.02       |            |
| 7 EC89-130     | 1300       | 7.02       |            |
| 7 EC93-233     | 1301       | 5.84       |            |
| 7 EC93-233     | 1301       | 5.84       |            |
| 56 AM86-12     | 1301       | 6.43       |            |
| 56 AM86-12     | 1301       | 6.43       |            |
| 107 WPG90/4_33 | 1301       | 4.46       | 0.2        |
| 52 CP04-27-52  | 1302.24686 | 5.20286529 | 0.24795643 |
| 52 CP04-27-52  | 1302.24686 | 5.20286529 | 0.24795643 |
| 52 CP04-2-43   | 1302.9796  | 5.88674729 | 0.16042663 |
| 52 CP04-2-43   | 1302.9796  | 5.88674729 | 0.16042663 |
| 51 CS11-13_54  | 1304.34037 | 4.53939685 | 0.20157457 |
| 51 CS11-13_54  | 1304.34037 | 4.53939685 | 0.20157457 |
| 7 EC90-177     | 1305       | 6.06       |            |
| 7 EC90-177     | 1305       | 6.06       |            |
| 51 CS11-6_09   | 1305.17688 | 5.3538363  | 0.24806899 |
| 51 CS11-6_09   | 1305.17688 | 5.3538363  | 0.24806899 |
| 7 EC92-187     | 1306       | 6.19       |            |
| 7 EC92-187     | 1306       | 6.19       |            |
| 51 BBF-11-47   | 1307.8401  | 7.37303186 | 0.82036073 |
| 51 BBF-11-47   | 1307.8401  | 7.37303186 | 0.82036073 |
| 52 CP04-27-57  | 1307.95177 | 5.86357356 | 0.22036336 |
| 52 CP04-27-57  | 1307.95177 | 5.86357356 | 0.22036336 |
| 52 CP03-51-83  | 1309.11078 | 4.9729882  | 0.18879626 |
| 52 CP03-51-83  | 1309.11078 | 4.9729882  | 0.18879626 |
| 35 09LSC4_42.1 | 1310       | 7.9        | 0.2        |
| 35 09LSC4_42.1 | 1310       | 7.9        | 0.2        |
| 52 BBF-29-75   | 1310.99245 | 6.5829886  | 0.63933961 |
| 52 BBF-29-75   | 1310.99245 | 6.5829886  | 0.63933961 |
| 7 HMB93-17     | 1311       | 5.94       |            |
| 7 HMB93-17     | 1311       | 5.94       |            |
| 7 EC92-53A     | 1311       | 6.18       |            |
| 7 EC92-53A     | 1311       | 6.18       |            |
| 7 HMB93-14A    | 1311       | 6.2        |            |
| 7 HMB93-14A    | 1311       | 6.2        |            |
| 7 EC90-179     | 1311       | 6.28       |            |
| 7 EC92-184     | 1311       | 6.28       |            |
| 7 EC90-179     | 1311       | 6.28       |            |
| 7 EC92-184     | 1311       | 6.28       |            |
| 35 07LSC5_65.1 | 1311       | 4.5        | 0.3        |
| 35 07LSC5_65.1 | 1311       | 4.5        | 0.3        |
| 106 10GD48-44  | 1311       | 4.63       | 0.22       |

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| 30 n2539-rpt-b4 | 1312       | 5.33       | 0.27       |
| 30 n2539-rpt-b4 | 1312       | 5.33       | 0.27       |
| 106 10GD49-12   | 1312       | 5.66       | 0.24       |
| 106 10GD48-39   | 1313       | 6.45       | 0.28       |
| 52 CP04-45-56   | 1314.47373 | 4.94678456 | 0.19817942 |
| 52 CP04-45-56   | 1314.47373 | 4.94678456 | 0.19817942 |
| 51 CS11-13_49   | 1315.97429 | 7.06173432 | 0.20243037 |
| 51 CS11-13_49   | 1315.97429 | 7.06173432 | 0.20243037 |
| 52 BBF-29-10    | 1316.13036 | 5.79479496 | 0.51038508 |
| 52 BBF-29-10    | 1316.13036 | 5.79479496 | 0.51038508 |
| 52 CP03-51-17   | 1316.66624 | 8.25972113 | 0.18534384 |
| 52 CP03-51-17   | 1316.66624 | 8.25972113 | 0.18534384 |
| 7 NC-8924A      | 1319       | 5.05       |            |
| 7 NC-8924A      | 1319       | 5.05       |            |
| 7 EC94-7c       | 1319       | 5.6        |            |
| 7 EC94-7c       | 1319       | 5.6        |            |
| 7 EC93-157      | 1319       | 7.14       |            |
| 7 EC93-157      | 1319       | 7.14       |            |
| 52 CP04-2-70    | 1319.0979  | 6.00222396 | 0.16146849 |
| 52 CP04-2-70    | 1319.0979  | 6.00222396 | 0.16146849 |
| 51 CS11-20-43   | 1320.65044 | 7.11335744 | 0.68273515 |
| 51 CS11-20-43   | 1320.65044 | 7.11335744 | 0.68273515 |
| 52 CP03-39-67   | 1320.96593 | 7.8729326  | 0.18306762 |
| 52 CP03-39-67   | 1320.96593 | 7.8729326  | 0.18306762 |
| 52 CP03-39-22   | 1321.03835 | 6.85516759 | 0.21110026 |
| 52 CP03-39-22   | 1321.03835 | 6.85516759 | 0.21110026 |
| 7 EC91-10       | 1322       | 5.84       |            |
| 7 EC91-10       | 1322       | 5.84       |            |
| 7 HMB96-122     | 1322       | 6.71       |            |
| 7 HMB96-122     | 1322       | 6.71       |            |
| 7 EC90-161      | 1322       | 6.88       |            |
| 7 EC90-161      | 1322       | 6.88       |            |
| 7 EC92-116      | 1322       | 8.06       |            |
| 7 EC92-116      | 1322       | 8.06       |            |
| 80 MOSH-100     | 1323       | 7.9        | 0.05       |
| 52 CP04-27-22   | 1323.04337 | 5.62049694 | 0.2357228  |
| 52 CP04-27-22   | 1323.04337 | 5.62049694 | 0.2357228  |
| 51 CS11-1-15    | 1323.13155 | 3.99555463 | 0.40915    |
| 51 CS11-1-15    | 1323.13155 | 3.99555463 | 0.40915    |
| 52 CP04-45-4    | 1323.25178 | 5.35641369 | 0.21579405 |
| 52 CP04-45-4    | 1323.25178 | 5.35641369 | 0.21579405 |
| 51 CS11-18-2    | 1324.76656 | 5.62079032 | 0.33859911 |
| 51 CS11-18-2    | 1324.76656 | 5.62079032 | 0.33859911 |
| 7 EC90-265      | 1326       | 6.06       |            |
| 7 EC90-265      | 1326       | 6.06       |            |

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| 52 CP03-51-38    | 1327.16687 | 5.99787266 | 0.24113369 |
| 52 CP03-51-38    | 1327.16687 | 5.99787266 | 0.24113369 |
| 51 CS11-6_34     | 1327.22303 | 5.8062669  | 0.22567143 |
| 51 CS11-6_34     | 1327.22303 | 5.8062669  | 0.22567143 |
| 52 BBF-29-2      | 1327.48237 | 6.89944857 | 0.55859988 |
| 52 BBF-29-2      | 1327.48237 | 6.89944857 | 0.55859988 |
| 52 CP04-27-28    | 1327.94038 | 6.17767257 | 0.21455639 |
| 52 CP04-27-28    | 1327.94038 | 6.17767257 | 0.21455639 |
| 52 CP04-45-50    | 1328.81721 | 5.04381515 | 0.26932892 |
| 52 CP04-45-50    | 1328.81721 | 5.04381515 | 0.26932892 |
| 55 AM87-12       | 1329       | 6.09       |            |
| 55 AM87-12       | 1329       | 6.09       |            |
| 52 CP04-27-16    | 1329.66451 | 5.25888295 | 0.21641863 |
| 52 CP04-27-16    | 1329.66451 | 5.25888295 | 0.21641863 |
| 7 HMB96-104B     | 1330       | 6.22       |            |
| 7 HMB96-104B     | 1330       | 6.22       |            |
| 51 CS11-13_85    | 1331.83061 | 6.15511302 | 0.20106936 |
| 51 CS11-13_85    | 1331.83061 | 6.15511302 | 0.20106936 |
| 52 CP04-2-12     | 1332.37516 | 12.1550568 | 0.23822771 |
| 52 CP04-2-12     | 1332.37516 | 12.1550568 | 0.23822771 |
| 51 CS12-25-47    | 1332.9256  | 6.21567453 | 0.49641978 |
| 51 CS12-25-47    | 1332.9256  | 6.21567453 | 0.49641978 |
| 47 PMOG-441_41-; | 1333       | 7.1        | 0.3        |
| 47 PMOG-441_41-; | 1333       | 7.1        | 0.3        |
| 10 2606-36       | 1334       | 5.1        | 0.4        |
| 10 2606-36       | 1334       | 5.1        | 0.4        |
| 51 CS11-13_43    | 1334.73676 | 5.89657843 | 0.21366879 |
| 51 CS11-13_43    | 1334.73676 | 5.89657843 | 0.21366879 |
| 52 CP03-39-72    | 1334.90729 | 6.53158334 | 0.21983721 |
| 52 CP03-39-72    | 1334.90729 | 6.53158334 | 0.21983721 |
| 51 CS11-20-16    | 1335.92567 | 6.10867695 | 0.40814862 |
| 51 CS11-20-16    | 1335.92567 | 6.10867695 | 0.40814862 |
| 35 07LSC3_17.1   | 1336       | 5.7        | 0.3        |
| 35 07LSC3_17.1   | 1336       | 5.7        | 0.3        |
| 37 07SC49@57     | 1336       | 6.78       | 0.26       |
| 37 07SC49@57     | 1336       | 6.78       | 0.26       |
| 43 LDT           | 1336       | 7.32       |            |
| 43 LDT           | 1336       | 7.32       |            |
| 35 07LSC6_23.1   | 1337       | 8.6        | 0.2        |
| 35 07LSC6_23.1   | 1337       | 8.6        | 0.2        |
| 35 07LSC5_46.1   | 1338       | 10.1       | 0.5        |
| 35 07LSC5_46.1   | 1338       | 10.1       | 0.5        |
| 41 SR338(A)      | 1340       | 7.13       |            |
| 41 SR338(A)      | 1340       | 7.13       |            |
| 41 SR339(A)      | 1340       | 7.22       |            |

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| 41 SR339(A)     | 1340       | 7.22       |            |
| 41 LAC6 C(A)    | 1340       | 7.23       |            |
| 41 LAC6 C(A)    | 1340       | 7.23       |            |
| 41 SS42(A)      | 1340       | 7.54       |            |
| 41 SS42(A)      | 1340       | 7.54       |            |
| 41 SR341(A)     | 1340       | 7.61       |            |
| 41 SR341(A)     | 1340       | 7.61       |            |
| 51 CS11-19-3    | 1340.38296 | 6.22425867 | 0.47887842 |
| 51 CS11-19-3    | 1340.38296 | 6.22425867 | 0.47887842 |
| 107 WPG90/4_31  | 1341       | 6.65       | 0.15       |
| 52 BBF-29-82    | 1341.68805 | 6.20439541 | 0.65025958 |
| 52 BBF-29-82    | 1341.68805 | 6.20439541 | 0.65025958 |
| 107 WPG90/4_32  | 1342       | 5.17       | 0.19       |
| 51 CS11-13_83   | 1342.03116 | 4.9934576  | 0.23632839 |
| 51 CS11-13_83   | 1342.03116 | 4.9934576  | 0.23632839 |
| 52 CP04-27-5    | 1342.53284 | 5.5759829  | 0.24690083 |
| 52 CP04-27-5    | 1342.53284 | 5.5759829  | 0.24690083 |
| 52 CP03-39-71   | 1343.51289 | 7.54234652 | 0.21615965 |
| 52 CP03-39-71   | 1343.51289 | 7.54234652 | 0.21615965 |
| 52 CP04-45-19   | 1344.60046 | 5.16585362 | 0.21728725 |
| 52 CP04-45-19   | 1344.60046 | 5.16585362 | 0.21728725 |
| 51 CS11-13_31   | 1345.37195 | 7.39427881 | 0.21215551 |
| 51 CS11-13_31   | 1345.37195 | 7.39427881 | 0.21215551 |
| 107 IT/5_6      | 1346       | 7.17       | 0.28       |
| 51 CS12-25-46   | 1346.19376 | 5.90516958 | 0.44270155 |
| 51 CS12-25-46   | 1346.19376 | 5.90516958 | 0.44270155 |
| 119 6.1         | 1349       | 7          | 0.5113     |
| 51 CS11-13_77   | 1349.93673 | 5.6960516  | 0.22005144 |
| 51 CS11-13_77   | 1349.93673 | 5.6960516  | 0.22005144 |
| 51 CS11-6_39    | 1350.57102 | 6.10555174 | 0.28582851 |
| 51 CS11-6_39    | 1350.57102 | 6.10555174 | 0.28582851 |
| 52 CP03-39-70   | 1350.78011 | 7.60286228 | 0.20104246 |
| 52 CP03-39-70   | 1350.78011 | 7.60286228 | 0.20104246 |
| 59 M0-1063      | 1352       | 6.8        | 0.3        |
| 59 M0-1063      | 1352       | 6.8        | 0.3        |
| 51 CS12-25-55   | 1352.51946 | 4.90659926 | 0.39494025 |
| 51 CS12-25-55   | 1352.51946 | 4.90659926 | 0.39494025 |
| 52 CP03-51-30   | 1353.49282 | 6.57558937 | 0.19079065 |
| 52 CP03-51-30   | 1353.49282 | 6.57558937 | 0.19079065 |
| 51 CS11-18-49   | 1353.76863 | 3.76705834 | 0.24956368 |
| 51 CS11-18-49   | 1353.76863 | 3.76705834 | 0.24956368 |
| 52 CP03-51-52   | 1354.84131 | 6.46654847 | 0.1827711  |
| 52 CP03-51-52   | 1354.84131 | 6.46654847 | 0.1827711  |
| 30 n2539-rpt-37 | 1355       | 5.69       | 0.28       |
| 30 n2539-rpt-37 | 1355       | 5.69       | 0.28       |

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| 119 | 2. 1         | 1358        | 6           | 0. 3559     |
| 52  | CP03-51-26   | 1358. 27829 | 4. 11916791 | 0. 18393859 |
| 52  | CP03-51-26   | 1358. 27829 | 4. 11916791 | 0. 18393859 |
| 107 | DL90/7_11    | 1359        | 7. 57       | 0. 17       |
| 52  | CP04-45-33   | 1359. 97594 | 4. 80523995 | 0. 198399   |
| 52  | CP04-45-33   | 1359. 97594 | 4. 80523995 | 0. 198399   |
| 35  | 07LSC5_46. 2 | 1360        | 9. 5        | 0. 3        |
| 35  | 07LSC5_46. 2 | 1360        | 9. 5        | 0. 3        |
| 52  | CP04-27-38   | 1361. 65447 | 5. 80955653 | 0. 23234766 |
| 52  | CP04-27-38   | 1361. 65447 | 5. 80955653 | 0. 23234766 |
| 52  | CP04-2-50    | 1365. 52861 | 5. 35635447 | 0. 16033388 |
| 52  | CP04-2-50    | 1365. 52861 | 5. 35635447 | 0. 16033388 |
| 51  | CS12-25-17   | 1365. 64688 | 4. 92787327 | 0. 49447286 |
| 51  | CS12-25-17   | 1365. 64688 | 4. 92787327 | 0. 49447286 |
| 59  | M0-953       | 1366        | 7. 6        | 0. 3        |
| 59  | M0-953       | 1366        | 7. 6        | 0. 3        |
| 35  | 07LSC5_8. 1  | 1367        | 8. 5        | 0. 3        |
| 35  | 07LSC5_8. 1  | 1367        | 8. 5        | 0. 3        |
| 51  | CS11-1-16    | 1368. 49863 | 14. 1795553 | 1. 19002677 |
| 51  | CS11-1-16    | 1368. 49863 | 14. 1795553 | 1. 19002677 |
| 52  | CP04-45-60   | 1370. 85025 | 7. 03544296 | 0. 23904883 |
| 52  | CP04-45-60   | 1370. 85025 | 7. 03544296 | 0. 23904883 |
| 107 | WPG90/4_21   | 1371        | 6. 06       | 0. 2        |
| 52  | CP04-27-7    | 1372. 08042 | 6. 11215192 | 0. 20457993 |
| 52  | CP04-27-7    | 1372. 08042 | 6. 11215192 | 0. 20457993 |
| 52  | CP04-27-4    | 1372. 31314 | 6. 85038463 | 0. 21538017 |
| 52  | CP04-27-4    | 1372. 31314 | 6. 85038463 | 0. 21538017 |
| 52  | CP03-39-39   | 1372. 56736 | 3. 24622789 | 0. 27009454 |
| 52  | CP03-39-39   | 1372. 56736 | 3. 24622789 | 0. 27009454 |
| 107 | DL90/7_21    | 1373        | 7. 4        | 0. 19       |
| 80  | TISH         | 1374        | 6. 14       | 0. 01       |
| 80  | ARB 36       | 1374        | 6. 14       | 0. 07       |
| 80  | TSH          | 1374        | 6. 28       | 0. 03       |
| 80  | Munger       | 1378        | 8. 17       | 0. 1        |
| 107 | IT/17_20     | 1378        | 6. 65       | 0. 22       |
| 61  | 08SC74-43    | 1379        | 5. 4        | 0. 22       |
| 61  | 08SC74-43    | 1379        | 5. 4        | 0. 22       |
| 52  | CP04-2-30    | 1379. 00885 | 7. 35054229 | 0. 24967909 |
| 52  | CP04-2-30    | 1379. 00885 | 7. 35054229 | 0. 24967909 |
| 82  | 194765       | 1380. 76148 | 6. 4        |             |
| 119 | 5. 1         | 1381        | 7           | 0. 3614     |
| 52  | CP04-45-35   | 1381. 04048 | 6. 61280974 | 0. 22876532 |
| 52  | CP04-45-35   | 1381. 04048 | 6. 61280974 | 0. 22876532 |
| 52  | BBF-29-31    | 1381. 10811 | 4. 67236467 | 0. 44469713 |
| 52  | BBF-29-31    | 1381. 10811 | 4. 67236467 | 0. 44469713 |

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| 52 CP04-45-47   | 1383.80898 | 7.13747512 | 0.24198779 |
| 52 CP04-45-47   | 1383.80898 | 7.13747512 | 0.24198779 |
| 47 PMOG-441_41- | 1385       | 5.9        | 0.3        |
| 47 PMOG-441_41- | 1385       | 5.9        | 0.3        |
| 52 CP03-39-56   | 1386.41522 | 9.66940037 | 0.20954208 |
| 52 CP03-39-56   | 1386.41522 | 9.66940037 | 0.20954208 |
| 52 CP04-27-23   | 1386.74791 | 5.83456441 | 0.25507182 |
| 52 CP04-27-23   | 1386.74791 | 5.83456441 | 0.25507182 |
| 52 BBF-29-5     | 1386.93946 | 9.03163622 | 0.8496127  |
| 52 BBF-29-5     | 1386.93946 | 9.03163622 | 0.8496127  |
| 119 1.1         | 1387       | 6          | 0.3335     |
| 51 CS12-24-23   | 1387.20661 | 4.84806521 | 0.54929574 |
| 51 CS12-24-23   | 1387.20661 | 4.84806521 | 0.54929574 |
| 51 CS11-6_05    | 1387.31072 | 7.03343484 | 0.23311935 |
| 51 CS11-6_05    | 1387.31072 | 7.03343484 | 0.23311935 |
| 52 CP04-2-25    | 1389.51491 | 5.5464736  | 0.25477154 |
| 52 CP04-2-25    | 1389.51491 | 5.5464736  | 0.25477154 |
| 51 BBF-11-39    | 1391.67015 | 6.29937164 | 0.58840677 |
| 51 BBF-11-39    | 1391.67015 | 6.29937164 | 0.58840677 |
| 107 WPG90/4_27  | 1392       | 6.1        | 0.17       |
| 52 CP04-45-24   | 1393.43688 | 7.01393618 | 0.23513537 |
| 52 CP04-45-24   | 1393.43688 | 7.01393618 | 0.23513537 |
| 52 CP04-45-21   | 1394.58381 | 6.37323422 | 0.24193866 |
| 52 CP04-45-21   | 1394.58381 | 6.37323422 | 0.24193866 |
| 51 CS11-6_29    | 1395.45081 | 5.87333072 | 0.23632153 |
| 51 CS11-6_29    | 1395.45081 | 5.87333072 | 0.23632153 |
| 107 DL90/7_13   | 1396       | 6.27       | 0.24       |
| 52 CP04-2-42    | 1396.52509 | 6.44375645 | 0.31637048 |
| 52 CP04-2-42    | 1396.52509 | 6.44375645 | 0.31637048 |
| 52 BBF-29-64    | 1396.83091 | 4.67151863 | 0.28682482 |
| 52 BBF-29-64    | 1396.83091 | 4.67151863 | 0.28682482 |
| 52 CP04-45-39   | 1398.7959  | 4.40311319 | 0.2196981  |
| 52 CP04-45-39   | 1398.7959  | 4.40311319 | 0.2196981  |
| 51 CS11-6_13    | 1398.98079 | 8.24859136 | 0.23040377 |
| 51 CS11-6_13    | 1398.98079 | 8.24859136 | 0.23040377 |
| 20 HV1.8        | 1400       | 8.8        | 0.6        |
| 20 HV1.8        | 1400       | 8.8        | 0.6        |
| 20 HV1.8        | 1400       | 8.8        | 0.6        |
| 51 BBF-11-37    | 1400.79048 | 4.97235215 | 0.48313829 |
| 51 BBF-11-37    | 1400.79048 | 4.97235215 | 0.48313829 |
| 59 MO-1257      | 1401       | 5.2        | 0.2        |
| 59 MO-1257      | 1401       | 5.2        | 0.2        |
| 59 MO-1282      | 1401       | 10.5       | 0.2        |
| 59 MO-1282      | 1401       | 10.5       | 0.2        |
| 51 CS11-13_33   | 1403.97974 | 5.39001066 | 0.22583656 |

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| 51 CS11-13_33    | 1403.97974 | 5.39001066 | 0.22583656 |
| 82 194764        | 1404.45729 | 5.93       |            |
| 52 CP03-39-47    | 1404.72857 | 7.52334157 | 0.23093433 |
| 52 CP03-39-47    | 1404.72857 | 7.52334157 | 0.23093433 |
| 52 CP04-45-49    | 1405.15224 | 6.68433228 | 0.26128435 |
| 52 CP04-45-49    | 1405.15224 | 6.68433228 | 0.26128435 |
| 52 CP03-39-26    | 1406.96431 | 7.4113124  | 0.23511739 |
| 52 CP03-39-26    | 1406.96431 | 7.4113124  | 0.23511739 |
| 37 07SC65@16     | 1408       | 7.2        | 0.5        |
| 37 07SC65@16     | 1408       | 7.2        | 0.5        |
| 51 CS11-19-5     | 1408.63073 | 6.6496851  | 0.62853326 |
| 51 CS11-19-5     | 1408.63073 | 6.6496851  | 0.62853326 |
| 59 M0-1256       | 1410       | 7          | 0.1        |
| 59 M0-1256       | 1410       | 7          | 0.1        |
| 51 CS11-1-21     | 1410.42783 | 7.18642853 | 0.5494637  |
| 51 CS11-1-21     | 1410.42783 | 7.18642853 | 0.5494637  |
| 59 M0-1312       | 1411       | 7          | 0.2        |
| 59 M0-1312       | 1411       | 7          | 0.2        |
| 20 HV1.24        | 1412       | 5.9        | 0.6        |
| 20 HV1.24        | 1412       | 5.9        | 0.6        |
| 20 HV1.24        | 1412       | 5.9        | 0.6        |
| 107 DL90/7_18    | 1413       | 6.62       | 0.22       |
| 47 PMOG_P-67     | 1415       | 4.8        | 0.4        |
| 47 PMOG_P-67     | 1415       | 4.8        | 0.4        |
| 59 M0-1306       | 1416       | 7.2        | 0.1        |
| 59 M0-1306       | 1416       | 7.2        | 0.1        |
| 107 WPG90/4_13   | 1416       | 7.77       | 0.19       |
| 59 M0-1349       | 1417       | 5.4        | 0.2        |
| 59 M0-1349       | 1417       | 5.4        | 0.2        |
| 106 10GD49-118   | 1418       | 9.36       | 0.17       |
| 52 CP04-45-10    | 1420.06448 | 5.8170589  | 0.21327782 |
| 52 CP04-45-10    | 1420.06448 | 5.8170589  | 0.21327782 |
| 59 M0-909        | 1423       | 5.6        | 0.2        |
| 59 M0-909        | 1423       | 5.6        | 0.2        |
| 51 CS11-18-19    | 1423.2824  | 6.9339195  | 0.57741934 |
| 51 CS11-18-19    | 1423.2824  | 6.9339195  | 0.57741934 |
| 51 CS12-17-34    | 1423.87044 | 7.10407166 | 0.56019257 |
| 51 CS12-17-34    | 1423.87044 | 7.10407166 | 0.56019257 |
| 37 07SC49@93     | 1424       | 7.94       | 0.38       |
| 37 07SC49@93     | 1424       | 7.94       | 0.38       |
| 51 CS11-6_16     | 1425.7242  | 6.24918844 | 0.23153035 |
| 51 CS11-6_16     | 1425.7242  | 6.24918844 | 0.23153035 |
| 30 n2539-rpt-b4! | 1427       | 5.43       | 0.32       |
| 30 n2539-rpt-b4! | 1427       | 5.43       | 0.32       |
| 30 n2539-rpt-33  | 1427       | 6.97       | 0.27       |



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| 30 n2539-rpt-33 | 1427       | 6.97       | 0.27       |
| 10 2641-02      | 1428       | 6.1        | 0.5        |
| 10 2641-02      | 1428       | 6.1        | 0.5        |
| 37 07SC65@22    | 1430       | 6.55       | 0.24       |
| 37 07SC65@22    | 1430       | 6.55       | 0.24       |
| 51 CS11-13_80   | 1432.45487 | 8.03636471 | 0.18964923 |
| 51 CS11-13_80   | 1432.45487 | 8.03636471 | 0.18964923 |
| 51 CS12-25-30   | 1433.67665 | 5.22447604 | 0.46454495 |
| 51 CS12-25-30   | 1433.67665 | 5.22447604 | 0.46454495 |
| 52 CP04-45-29   | 1433.74541 | 7.20649688 | 0.21045654 |
| 52 CP04-45-29   | 1433.74541 | 7.20649688 | 0.21045654 |
| 52 CP04-45-52   | 1433.9251  | 5.61049378 | 0.22197218 |
| 52 CP04-45-52   | 1433.9251  | 5.61049378 | 0.22197218 |
| 19 08LL04 49    | 1434       | 5.2        | 0.23       |
| 19 08LL04 49    | 1434       | 5.2        | 0.23       |
| 51 CS11-6_1     | 1434.62278 | 5.47695348 | 0.22084078 |
| 51 CS11-6_1     | 1434.62278 | 5.47695348 | 0.22084078 |
| 106 10GD49-7    | 1437       | 5.49       | 0.26       |
| 52 CP04-27-47   | 1437.28744 | 5.79805291 | 0.21772354 |
| 52 CP04-27-47   | 1437.28744 | 5.79805291 | 0.21772354 |
| 37 07SC51-1@34  | 1438       | 8.94       | 0.33       |
| 37 07SC51-1@34  | 1438       | 8.94       | 0.33       |
| 59 M0-1094      | 1438       | 6.5        | 0.3        |
| 59 M0-1094      | 1438       | 6.5        | 0.3        |
| 51 CS12-23-53   | 1438.59821 | 5.99135289 | 0.58306145 |
| 51 CS12-23-53   | 1438.59821 | 5.99135289 | 0.58306145 |
| 52 CP03-51-82   | 1440.76275 | 7.45541942 | 0.18065184 |
| 52 CP03-51-82   | 1440.76275 | 7.45541942 | 0.18065184 |
| 51 CS11-6_35    | 1441.01453 | 5.75471784 | 0.22860327 |
| 51 CS11-6_35    | 1441.01453 | 5.75471784 | 0.22860327 |
| 51 CS12-17-44   | 1441.61964 | 5.75697564 | 0.48105713 |
| 51 CS12-17-44   | 1441.61964 | 5.75697564 | 0.48105713 |
| 52 CP04-45-27   | 1443.38003 | 7.07895668 | 0.23501556 |
| 52 CP04-45-27   | 1443.38003 | 7.07895668 | 0.23501556 |
| 52 CP04-27-44   | 1443.60428 | 5.00880411 | 0.20515221 |
| 52 CP04-27-44   | 1443.60428 | 5.00880411 | 0.20515221 |
| 51 CS11-18-37   | 1444.56075 | 5.17495171 | 0.53617554 |
| 51 CS11-18-37   | 1444.56075 | 5.17495171 | 0.53617554 |
| 51 CS12-25-51   | 1444.61053 | 6.59449437 | 0.51651935 |
| 51 CS12-25-51   | 1444.61053 | 6.59449437 | 0.51651935 |
| 51 CS11-18-38   | 1444.81356 | 3.82662369 | 0.29767579 |
| 51 CS11-18-38   | 1444.81356 | 3.82662369 | 0.29767579 |
| 52 CP03-51-33   | 1446.73875 | 6.79817287 | 0.19834199 |
| 52 CP03-51-33   | 1446.73875 | 6.79817287 | 0.19834199 |
| 52 CP04-45-36   | 1446.99968 | 5.21987065 | 0.1988901  |

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| 52 CP04-45-36    | 1446.99968 | 5.21987065 | 0.1988901  |
| 59 MO-1010       | 1448       | 5.7        | 0.1        |
| 59 MO-1010       | 1448       | 5.7        | 0.1        |
| 107 IT/5_14      | 1451       | 5.54       | 0.29       |
| 52 CP04-27-32    | 1451.19346 | 7.28502164 | 0.23325262 |
| 52 CP04-27-32    | 1451.19346 | 7.28502164 | 0.23325262 |
| 52 BBF-29-55     | 1451.44102 | 6.33426291 | 0.44013607 |
| 52 BBF-29-55     | 1451.44102 | 6.33426291 | 0.44013607 |
| 47 PMOG-441_41-  | 1453       | 7.1        | 0.3        |
| 47 PMOG-441_41-  | 1453       | 7.1        | 0.3        |
| 60 DNt-216       | 1453       | 6.9        | 0.2        |
| 60 DNt-216       | 1453       | 6.9        | 0.2        |
| 52 CP03-39-60    | 1453.40589 | 8.13300032 | 0.21770036 |
| 52 CP03-39-60    | 1453.40589 | 8.13300032 | 0.21770036 |
| 51 CS11-13_29    | 1454.23215 | 7.46178784 | 0.22059155 |
| 51 CS11-13_29    | 1454.23215 | 7.46178784 | 0.22059155 |
| 107 WPG90/4_20   | 1455       | 5.17       | 0.2        |
| 51 CS11-19-54b   | 1455.34654 | 5.10995837 | 0.44057683 |
| 51 CS11-19-54b   | 1455.34654 | 5.10995837 | 0.44057683 |
| 37 07SC65@44     | 1456       | 7.34       | 0.37       |
| 37 07SC65@44     | 1456       | 7.34       | 0.37       |
| 51 CS11-19-25    | 1456.62383 | 4.25465535 | 0.4859972  |
| 51 CS11-19-25    | 1456.62383 | 4.25465535 | 0.4859972  |
| 51 BBF-11-88     | 1456.71482 | 4.59111272 | 0.39763844 |
| 51 BBF-11-88     | 1456.71482 | 4.59111272 | 0.39763844 |
| 30 n2539-rpt-b30 | 1457       | 4.55       | 0.32       |
| 30 n2539-rpt-b30 | 1457       | 4.55       | 0.32       |
| 47 PMOG_P-18     | 1458       | 5.5        | 0.4        |
| 47 PMOG_P-18     | 1458       | 5.5        | 0.4        |
| 10 2641-30       | 1459       | 5.9        | 0.5        |
| 10 2641-30       | 1459       | 5.9        | 0.5        |
| 20 HV1.25.2      | 1460       | 6.4        | 0.6        |
| 20 HV1.25.2      | 1460       | 6.4        | 0.6        |
| 20 HV1.25.2      | 1460       | 6.4        | 0.6        |
| 106 10GD49-30    | 1460       | 6.6        | 0.22       |
| 61 08SC74-80     | 1462       | 5.1        | 0.15       |
| 61 08SC74-80     | 1462       | 5.1        | 0.15       |
| 37 07SC65@86     | 1463       | 5.27       | 0.26       |
| 37 07SC65@86     | 1463       | 5.27       | 0.26       |
| 30 n2539-rpt-16  | 1464       | 3.78       | 0.29       |
| 30 n2539-rpt-16  | 1464       | 3.78       | 0.29       |
| 106 10GD49-94    | 1465       | 11.92      | 0.4        |
| 37 07SC65@83     | 1466       | 5.2        | 0.41       |
| 37 07SC65@83     | 1466       | 5.2        | 0.41       |
| 52 CP04-45-8     | 1466.09397 | 6.30121151 | 0.22629079 |

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| 52 CP04-45-8   | 1466.09397 | 6.30121151 | 0.22629079 |
| 52 CP04-45-15  | 1468.0051  | 4.81024152 | 0.26688114 |
| 52 CP04-45-15  | 1468.0051  | 4.81024152 | 0.26688114 |
| 52 CP04-2-69   | 1472.22007 | 6.49462446 | 0.16161126 |
| 52 CP04-2-69   | 1472.22007 | 6.49462446 | 0.16161126 |
| 51 CS11-19-59  | 1473.31974 | 7.55740616 | 0.71342509 |
| 51 CS11-19-59  | 1473.31974 | 7.55740616 | 0.71342509 |
| 51 CS11-18-22  | 1473.4594  | 5.12419656 | 0.30128847 |
| 51 CS11-18-22  | 1473.4594  | 5.12419656 | 0.30128847 |
| 51 BBF-11-33   | 1475.27127 | 5.36354438 | 0.52462068 |
| 51 BBF-11-33   | 1475.27127 | 5.36354438 | 0.52462068 |
| 52 CP03-39-80  | 1475.85995 | 6.9877021  | 0.22322711 |
| 52 CP03-39-80  | 1475.85995 | 6.9877021  | 0.22322711 |
| 51 CS11-18-54  | 1475.95387 | 6.57977278 | 0.55544084 |
| 51 CS11-18-54  | 1475.95387 | 6.57977278 | 0.55544084 |
| 52 CP04-2-76   | 1477.58257 | 6.11820052 | 0.16194049 |
| 52 CP04-2-76   | 1477.58257 | 6.11820052 | 0.16194049 |
| 52 CP03-51-11  | 1477.79788 | 4.89295818 | 0.19928073 |
| 52 CP03-51-11  | 1477.79788 | 4.89295818 | 0.19928073 |
| 20 HV1.25      | 1478       | 6.3        | 0.5        |
| 20 HV1.25      | 1478       | 6.3        | 0.5        |
| 20 HV1.25      | 1478       | 6.3        | 0.5        |
| 80 Hawn Park   | 1478       | 7.52       | 0          |
| 51 CS11-19-55  | 1478.445   | 6.67120712 | 0.6177438  |
| 51 CS11-19-55  | 1478.445   | 6.67120712 | 0.6177438  |
| 52 CP04-27-17  | 1479.12521 | 6.53778609 | 0.19983162 |
| 52 CP04-27-17  | 1479.12521 | 6.53778609 | 0.19983162 |
| 35 07LSC5_59.1 | 1480       | 5.6        | 0.3        |
| 35 07LSC5_59.1 | 1480       | 5.6        | 0.3        |
| 51 CS11-13_44  | 1480.93152 | 8.80646774 | 0.21485692 |
| 51 CS11-13_44  | 1480.93152 | 8.80646774 | 0.21485692 |
| 59 M0-1073     | 1482       | 4.8        | 0.4        |
| 59 M0-1073     | 1482       | 4.8        | 0.4        |
| 51 CS12-23-42  | 1482.46104 | 6.57013731 | 0.60573938 |
| 51 CS12-23-42  | 1482.46104 | 6.57013731 | 0.60573938 |
| 60 p11-141     | 1483       | 4.8        | 0.4        |
| 60 p11-141     | 1483       | 4.8        | 0.4        |
| 51 CS11-18-26  | 1483.86263 | 6.74377937 | 0.57465301 |
| 51 CS11-18-26  | 1483.86263 | 6.74377937 | 0.57465301 |
| 51 CS11-19-39  | 1484.09167 | 6.59168581 | 0.65493412 |
| 51 CS11-19-39  | 1484.09167 | 6.59168581 | 0.65493412 |
| 51 CS12-23-8   | 1484.85216 | 7.22992523 | 0.66656986 |
| 51 CS12-23-8   | 1484.85216 | 7.22992523 | 0.66656986 |
| 51 CS12-17-41  | 1485.48517 | 7.55838224 | 0.89334849 |
| 51 CS12-17-41  | 1485.48517 | 7.55838224 | 0.89334849 |

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| 52 CP04-2-79   | 1487. 11372 | 5. 81326214 | 0. 16227485 |
| 52 CP04-2-79   | 1487. 11372 | 5. 81326214 | 0. 16227485 |
| 51 CS12-23-9   | 1487. 29489 | 8. 02985463 | 0. 82535012 |
| 51 CS12-23-9   | 1487. 29489 | 8. 02985463 | 0. 82535012 |
| 51 CS12-24-51  | 1487. 73552 | 6. 28661676 | 0. 62096222 |
| 51 CS12-24-51  | 1487. 73552 | 6. 28661676 | 0. 62096222 |
| 106 10GD48-117 | 1488        | 10. 12      | 0. 27       |
| 107 IT/5_8     | 1488        | 6. 58       | 0. 2        |
| 107 IT/5_25    | 1488        | 7. 45       | 0. 29       |
| 52 CP03-51-36  | 1488. 13292 | 5. 54470266 | 0. 20166119 |
| 52 CP03-51-36  | 1488. 13292 | 5. 54470266 | 0. 20166119 |
| 52 CP04-2-55   | 1489. 27272 | 5. 57281073 | 0. 16088563 |
| 52 CP04-2-55   | 1489. 27272 | 5. 57281073 | 0. 16088563 |
| 51 CS12-17-30b | 1489. 662   | 5. 8712939  | 0. 69159342 |
| 51 CS12-17-30b | 1489. 662   | 5. 8712939  | 0. 69159342 |
| 52 CP03-51-7   | 1489. 66427 | 6. 00187416 | 0. 22573653 |
| 52 CP03-51-7   | 1489. 66427 | 6. 00187416 | 0. 22573653 |
| 51 CS11-20-18  | 1489. 76828 | 6. 02786323 | 0. 49349691 |
| 51 CS11-20-18  | 1489. 76828 | 6. 02786323 | 0. 49349691 |
| 51 CS12-24-58  | 1489. 89988 | 7. 18713182 | 0. 55672422 |
| 51 CS12-24-58  | 1489. 89988 | 7. 18713182 | 0. 55672422 |
| 60 DNt-166     | 1490        | 6. 3        | 0. 2        |
| 60 DNt-166     | 1490        | 6. 3        | 0. 2        |
| 52 CP04-2-5    | 1490. 70478 | 6. 385238   | 0. 21198974 |
| 52 CP04-2-5    | 1490. 70478 | 6. 385238   | 0. 21198974 |
| 80 Knob Lick   | 1491        | 6. 05       | 0. 04       |
| 51 CS12-25-35  | 1491. 68833 | 5. 04548488 | 0. 51666423 |
| 51 CS12-25-35  | 1491. 68833 | 5. 04548488 | 0. 51666423 |
| 52 CP04-2-16   | 1491. 69797 | 5. 76554266 | 0. 22814708 |
| 52 CP04-2-16   | 1491. 69797 | 5. 76554266 | 0. 22814708 |
| 51 CS11-18-27  | 1492. 82462 | 7. 38746053 | 0. 74753636 |
| 51 CS11-18-27  | 1492. 82462 | 7. 38746053 | 0. 74753636 |
| 52 CP03-51-46  | 1493. 06058 | 6. 84218938 | 0. 24743986 |
| 52 CP03-51-46  | 1493. 06058 | 6. 84218938 | 0. 24743986 |
| 51 CS12-17-19  | 1493. 22162 | 2. 66807803 | 0. 22818252 |
| 51 CS12-17-19  | 1493. 22162 | 2. 66807803 | 0. 22818252 |
| 51 CS12-23-6   | 1493. 59102 | 7. 30349769 | 0. 76392788 |
| 51 CS12-23-6   | 1493. 59102 | 7. 30349769 | 0. 76392788 |
| 52 CP04-45-37  | 1493. 62712 | 4. 13302805 | 0. 24248548 |
| 52 CP04-45-37  | 1493. 62712 | 4. 13302805 | 0. 24248548 |
| 51 CS12-23-27  | 1493. 98019 | 7. 36352719 | 0. 91122144 |
| 51 CS12-23-27  | 1493. 98019 | 7. 36352719 | 0. 91122144 |
| 51 CS12-17-33  | 1495. 0955  | 6. 45358004 | 0. 74091254 |
| 51 CS12-17-33  | 1495. 0955  | 6. 45358004 | 0. 74091254 |
| 10 2346-43     | 1496        | 8. 2        | 0. 4        |

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| 10 2346-43    | 1496       | 8.2        | 0.4        |
| 51 CS12-17-28 | 1497.41873 | 3.94512812 | 0.38740211 |
| 51 CS12-17-28 | 1497.41873 | 3.94512812 | 0.38740211 |
| 51 CS11-20-8  | 1498.14153 | 6.31364863 | 0.63281833 |
| 51 CS11-20-8  | 1498.14153 | 6.31364863 | 0.63281833 |
| 51 CS12-23-36 | 1498.25907 | 6.05810602 | 0.34499582 |
| 51 CS12-23-36 | 1498.25907 | 6.05810602 | 0.34499582 |
| 52 CP03-39-61 | 1498.79167 | 7.75640226 | 0.2443647  |
| 52 CP03-39-61 | 1498.79167 | 7.75640226 | 0.2443647  |
| 52 CP03-39-79 | 1499.13325 | 5.82389907 | 0.20621931 |
| 52 CP03-39-79 | 1499.13325 | 5.82389907 | 0.20621931 |
| 51 CS11-20-6  | 1499.52871 | 7.28444111 | 0.60481666 |
| 51 CS11-20-6  | 1499.52871 | 7.28444111 | 0.60481666 |
| 51 BBF-11-51  | 1499.53072 | 6.83437488 | 0.82438262 |
| 51 BBF-11-51  | 1499.53072 | 6.83437488 | 0.82438262 |
| 26 96BR-016   | 1500       | 4.92       |            |
| 26 96BR-016   | 1500       | 4.92       |            |
| 26 95BR-112   | 1500       | 5.62       |            |
| 26 96BR-010   | 1500       | 5.62       |            |
| 26 95BR-112   | 1500       | 5.62       |            |
| 26 96BR-010   | 1500       | 5.62       |            |
| 26 95BR-113   | 1500       | 5.89       |            |
| 26 95BR-113   | 1500       | 5.89       |            |
| 26 95BR-110   | 1500       | 6.01       |            |
| 26 96BR-005   | 1500       | 6.01       |            |
| 26 95BR-110   | 1500       | 6.01       |            |
| 26 96BR-005   | 1500       | 6.01       |            |
| 26 96BR-015   | 1500       | 6.06       |            |
| 26 96BR-015   | 1500       | 6.06       |            |
| 26 95BR-114   | 1500       | 6.07       |            |
| 26 95BR-114   | 1500       | 6.07       |            |
| 26 95BR-109   | 1500       | 6.16       |            |
| 26 95BR-109   | 1500       | 6.16       |            |
| 26 95BR-106   | 1500       | 6.31       |            |
| 26 95BR-106   | 1500       | 6.31       |            |
| 26 95BR-105   | 1500       | 6.44       |            |
| 26 95BR-105   | 1500       | 6.44       |            |
| 26 96BR-006   | 1500       | 6.47       |            |
| 26 96BR-006   | 1500       | 6.47       |            |
| 26 95BR-115   | 1500       | 6.55       |            |
| 26 95BR-115   | 1500       | 6.55       |            |
| 26 95BR-111   | 1500       | 6.94       |            |
| 26 95BR-111   | 1500       | 6.94       |            |
| 26 96BR-008   | 1500       | 6.96       |            |
| 26 96BR-008   | 1500       | 6.96       |            |

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| 26 95BR-108  | 1500 | 7.5        |
| 26 95BR-108  | 1500 | 7.5        |
| 26 95BR-101  | 1500 | 7.94       |
| 26 95BR-101  | 1500 | 7.94       |
| 26 95BR-104  | 1500 | 8.13       |
| 26 95BR-104  | 1500 | 8.13       |
| 26 95BR-102  | 1500 | 9.81       |
| 26 95BR-102  | 1500 | 9.81       |
| 48 SA7-91 8  | 1500 | 4.23722964 |
| 48 SA7-91 8  | 1500 | 4.23722964 |
| 48 SA7-91 7  | 1500 | 4.88102522 |
| 48 SA7-91 7  | 1500 | 4.88102522 |
| 48 SA7-91 12 | 1500 | 5.16172485 |
| 48 SA7-91 12 | 1500 | 5.16172485 |
| 48 SA7-91 5  | 1500 | 5.17938776 |
| 48 SA7-91 5  | 1500 | 5.17938776 |
| 48 SA7-91 11 | 1500 | 5.18388699 |
| 48 SA7-91 11 | 1500 | 5.18388699 |
| 48 SA7-91 15 | 1500 | 5.45484877 |
| 48 SA7-91 15 | 1500 | 5.45484877 |
| 48 SA7-91 2  | 1500 | 5.48349051 |
| 48 SA7-91 2  | 1500 | 5.48349051 |
| 48 SA7-91 1  | 1500 | 5.53255741 |
| 48 SA7-91 1  | 1500 | 5.53255741 |
| 48 SA7-91 13 | 1500 | 5.57488621 |
| 48 SA7-91 13 | 1500 | 5.57488621 |
| 48 SA7-04 4  | 1500 | 5.60712216 |
| 48 SA7-04 4  | 1500 | 5.60712216 |
| 48 SA7-91 3  | 1500 | 5.70192007 |
| 48 SA7-91 3  | 1500 | 5.70192007 |
| 48 SA7-91 6  | 1500 | 5.70564899 |
| 48 SA7-91 6  | 1500 | 5.70564899 |
| 48 SA7-91 14 | 1500 | 5.76689362 |
| 48 SA7-91 14 | 1500 | 5.76689362 |
| 48 SA7-91 9  | 1500 | 5.7915643  |
| 48 SA7-91 9  | 1500 | 5.7915643  |
| 48 ROG525 3  | 1500 | 5.85406497 |
| 48 ROG525 3  | 1500 | 5.85406497 |
| 48 SA7-91 4  | 1500 | 5.8979298  |
| 48 SA7-91 4  | 1500 | 5.8979298  |
| 48 SA7-91 10 | 1500 | 5.96066463 |
| 48 SA7-91 10 | 1500 | 5.96066463 |
| 48 ROG525 10 | 1500 | 6.00175924 |
| 48 ROG525 10 | 1500 | 6.00175924 |
| 48 ROG525 5  | 1500 | 6.0188562  |

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| 48 ROG525 5  | 1500 | 6. 0188562  |
| 48 ROG525 12 | 1500 | 6. 08023936 |
| 48 ROG525 12 | 1500 | 6. 08023936 |
| 48 ROG525 1  | 1500 | 6. 19717684 |
| 48 ROG525 1  | 1500 | 6. 19717684 |
| 48 SA7-86 2  | 1500 | 6. 21190027 |
| 48 SA7-86 2  | 1500 | 6. 21190027 |
| 48 MM2241 2  | 1500 | 6. 26813227 |
| 48 MM2241 2  | 1500 | 6. 26813227 |
| 48 ROG525 4  | 1500 | 6. 27523096 |
| 48 ROG525 4  | 1500 | 6. 27523096 |
| 48 MM2241 9  | 1500 | 6. 37574176 |
| 48 MM2241 9  | 1500 | 6. 37574176 |
| 48 MM2241 6  | 1500 | 6. 43858677 |
| 48 MM2241 6  | 1500 | 6. 43858677 |
| 48 SA7-86 8  | 1500 | 6. 47903442 |
| 48 SA7-86 8  | 1500 | 6. 47903442 |
| 48 ROG525 6  | 1500 | 6. 50289144 |
| 48 ROG525 6  | 1500 | 6. 50289144 |
| 48 SA7-86 12 | 1500 | 6. 51551982 |
| 48 SA7-86 12 | 1500 | 6. 51551982 |
| 48 SA7-86 14 | 1500 | 6. 51832777 |
| 48 SA7-86 14 | 1500 | 6. 51832777 |
| 48 SA3-60 2  | 1500 | 6. 52536573 |
| 48 SA3-60 2  | 1500 | 6. 52536573 |
| 48 SA7-04 3  | 1500 | 6. 52898772 |
| 48 SA7-04 3  | 1500 | 6. 52898772 |
| 48 ROG525 11 | 1500 | 6. 53020985 |
| 48 ROG525 11 | 1500 | 6. 53020985 |
| 48 ROG525 9  | 1500 | 6. 54502745 |
| 48 ROG525 9  | 1500 | 6. 54502745 |
| 48 ROG525 2  | 1500 | 6. 54649606 |
| 48 ROG525 2  | 1500 | 6. 54649606 |
| 48 ROG525 8  | 1500 | 6. 64523789 |
| 48 ROG525 8  | 1500 | 6. 64523789 |
| 48 SA7-86 6  | 1500 | 6. 64570903 |
| 48 SA7-86 6  | 1500 | 6. 64570903 |
| 48 SA7-86 9  | 1500 | 6. 74662566 |
| 48 SA7-86 9  | 1500 | 6. 74662566 |
| 48 SA7-86 13 | 1500 | 6. 75220439 |
| 48 SA7-86 13 | 1500 | 6. 75220439 |
| 48 ROG525 7  | 1500 | 6. 79184819 |
| 48 ROG525 7  | 1500 | 6. 79184819 |
| 48 SA7-86 4  | 1500 | 6. 79543543 |
| 48 SA7-86 4  | 1500 | 6. 79543543 |

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| 48 SA7-86 5  | 1500 | 6.80431656 |
| 48 SA7-86 5  | 1500 | 6.80431656 |
| 48 MM2241 10 | 1500 | 6.86942682 |
| 48 MM2241 10 | 1500 | 6.86942682 |
| 48 SA7-86 11 | 1500 | 6.88099413 |
| 48 SA7-86 11 | 1500 | 6.88099413 |
| 48 MM2241 3  | 1500 | 6.90479519 |
| 48 MM2241 3  | 1500 | 6.90479519 |
| 48 MM2241 5  | 1500 | 6.92162325 |
| 48 MM2241 5  | 1500 | 6.92162325 |
| 48 SA3-60 1  | 1500 | 6.93321105 |
| 48 SA3-60 1  | 1500 | 6.93321105 |
| 48 SA7-86 1  | 1500 | 6.99908904 |
| 48 SA7-86 1  | 1500 | 6.99908904 |
| 48 SA7-86 16 | 1500 | 7.09288734 |
| 48 SA7-86 16 | 1500 | 7.09288734 |
| 48 SA7-86 15 | 1500 | 7.10593922 |
| 48 SA7-86 15 | 1500 | 7.10593922 |
| 48 SA7-86 7  | 1500 | 7.12565197 |
| 48 SA7-86 7  | 1500 | 7.12565197 |
| 48 SA3-04 5  | 1500 | 7.18418655 |
| 48 SA3-04 5  | 1500 | 7.18418655 |
| 48 SA7-86 10 | 1500 | 7.20060871 |
| 48 SA7-86 10 | 1500 | 7.20060871 |
| 48 MM2241 7  | 1500 | 7.22499417 |
| 48 MM2241 7  | 1500 | 7.22499417 |
| 48 MM2241 1  | 1500 | 7.23413365 |
| 48 MM2241 1  | 1500 | 7.23413365 |
| 48 SA7-04 2  | 1500 | 7.4154618  |
| 48 SA7-04 2  | 1500 | 7.4154618  |
| 48 SA3-04 9  | 1500 | 7.42315521 |
| 48 SA3-04 9  | 1500 | 7.42315521 |
| 48 MM2241 4  | 1500 | 7.4477081  |
| 48 MM2241 4  | 1500 | 7.4477081  |
| 48 SA3-04 4  | 1500 | 7.52409772 |
| 48 SA3-04 4  | 1500 | 7.52409772 |
| 48 SA7-86 3  | 1500 | 7.5347702  |
| 48 SA7-86 3  | 1500 | 7.5347702  |
| 48 MM2235 7  | 1500 | 7.70409498 |
| 48 MM2235 7  | 1500 | 7.70409498 |
| 48 SA3-04 7  | 1500 | 7.85595468 |
| 48 SA3-04 7  | 1500 | 7.85595468 |
| 48 SA3-04 2  | 1500 | 7.88769476 |
| 48 SA3-04 2  | 1500 | 7.88769476 |
| 48 SA3-04 1  | 1500 | 7.90290805 |



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| 48 SA3-04 1   | 1500       | 7.90290805 |  |            |
| 48 SA3-04 3   | 1500       | 7.90335893 |  |            |
| 48 SA3-04 3   | 1500       | 7.90335893 |  |            |
| 48 SA3-04 8   | 1500       | 7.91643793 |  |            |
| 48 SA3-04 8   | 1500       | 7.91643793 |  |            |
| 48 MM2235 10  | 1500       | 8.05218109 |  |            |
| 48 MM2235 10  | 1500       | 8.05218109 |  |            |
| 48 MM2235 2   | 1500       | 8.12287288 |  |            |
| 48 MM2235 2   | 1500       | 8.12287288 |  |            |
| 48 SA3-04 11  | 1500       | 8.21435489 |  |            |
| 48 SA3-04 11  | 1500       | 8.21435489 |  |            |
| 48 SA3-04 12  | 1500       | 8.34604029 |  |            |
| 48 SA3-04 12  | 1500       | 8.34604029 |  |            |
| 48 MM2241 8   | 1500       | 8.3915952  |  |            |
| 48 MM2241 8   | 1500       | 8.3915952  |  |            |
| 48 SA3-04 10  | 1500       | 8.53333477 |  |            |
| 48 SA3-04 10  | 1500       | 8.53333477 |  |            |
| 48 SA7-04 5   | 1500       | 8.59290348 |  |            |
| 48 SA7-04 5   | 1500       | 8.59290348 |  |            |
| 48 SA3-04 6   | 1500       | 8.64805372 |  |            |
| 48 SA3-04 6   | 1500       | 8.64805372 |  |            |
| 48 MM2235 5   | 1500       | 8.66363526 |  |            |
| 48 MM2235 5   | 1500       | 8.66363526 |  |            |
| 48 MM2235 3   | 1500       | 8.68365035 |  |            |
| 48 MM2235 3   | 1500       | 8.68365035 |  |            |
| 48 MM2235 4   | 1500       | 8.68737048 |  |            |
| 48 MM2235 4   | 1500       | 8.68737048 |  |            |
| 48 MM2235 9   | 1500       | 8.70797075 |  |            |
| 48 MM2235 9   | 1500       | 8.70797075 |  |            |
| 48 MM2235 6   | 1500       | 8.99682931 |  |            |
| 48 MM2235 6   | 1500       | 8.99682931 |  |            |
| 48 MM2235 1   | 1500       | 9.21229077 |  |            |
| 48 MM2235 1   | 1500       | 9.21229077 |  |            |
| 48 MM2235 8   | 1500       | 9.65328079 |  |            |
| 48 MM2235 8   | 1500       | 9.65328079 |  |            |
| 48 SA7-04 1   | 1500       | 9.66866718 |  |            |
| 48 SA7-04 1   | 1500       | 9.66866718 |  |            |
| 60 DNt-222    | 1500       | 6.4        |  | 0.2        |
| 60 DNt-222    | 1500       | 6.4        |  | 0.2        |
| 51 CS12-25-38 | 1500.65577 | 5.67426073 |  | 0.61663741 |
| 51 CS12-25-38 | 1500.65577 | 5.67426073 |  | 0.61663741 |
| 52 BBF-29-78  | 1501.00307 | 5.56219679 |  | 0.4341117  |
| 52 BBF-29-78  | 1501.00307 | 5.56219679 |  | 0.4341117  |
| 51 CS11-6_04  | 1501.89799 | 5.56003255 |  | 0.23079907 |
| 51 CS11-6_04  | 1501.89799 | 5.56003255 |  | 0.23079907 |

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| 51 CS11-18-28  | 1501.96761 | 6.34919982 | 0.67672673 |
| 51 CS11-18-28  | 1501.96761 | 6.34919982 | 0.67672673 |
| 51 CS11-18-52  | 1502.03351 | 6.96148848 | 0.72208171 |
| 51 CS11-18-52  | 1502.03351 | 6.96148848 | 0.72208171 |
| 51 BBF-11-86   | 1502.49084 | 6.6713002  | 0.65583885 |
| 51 BBF-11-86   | 1502.49084 | 6.6713002  | 0.65583885 |
| 51 CS11-20-38  | 1502.81812 | 7.15705057 | 0.52918804 |
| 51 CS11-20-38  | 1502.81812 | 7.15705057 | 0.52918804 |
| 51 CS11-18-24  | 1502.90534 | 7.01112079 | 0.63209126 |
| 51 CS11-18-24  | 1502.90534 | 7.01112079 | 0.63209126 |
| 51 CS12-17-35  | 1503.11453 | 3.20735432 | 0.23086864 |
| 51 CS12-17-35  | 1503.11453 | 3.20735432 | 0.23086864 |
| 51 CS12-23-40  | 1503.30395 | 6.84677326 | 0.83609801 |
| 51 CS12-23-40  | 1503.30395 | 6.84677326 | 0.83609801 |
| 51 CS11-1-24   | 1504.18951 | 6.79503048 | 0.58776797 |
| 51 CS11-1-24   | 1504.18951 | 6.79503048 | 0.58776797 |
| 51 CS11-19-12  | 1504.98208 | 5.19065273 | 0.64280072 |
| 51 CS11-19-12  | 1504.98208 | 5.19065273 | 0.64280072 |
| 60 VGt-432     | 1505       | 4.7        | 0.4        |
| 60 VGt-432     | 1505       | 4.7        | 0.4        |
| 51 CS12-25-14  | 1505.77677 | 5.98016195 | 0.44183609 |
| 51 CS12-25-14  | 1505.77677 | 5.98016195 | 0.44183609 |
| 51 CS11-19-1   | 1508.88536 | 7.84034562 | 0.60612574 |
| 51 CS11-19-1   | 1508.88536 | 7.84034562 | 0.60612574 |
| 51 CS11-20-62  | 1508.95747 | 6.96057582 | 0.61362717 |
| 51 CS11-20-62  | 1508.95747 | 6.96057582 | 0.61362717 |
| 10 1746-61     | 1511       | 8.7        | 0.4        |
| 10 1746-61     | 1511       | 8.7        | 0.4        |
| 51 CS11-19-47  | 1511.09804 | 7.08152006 | 0.71241024 |
| 51 CS11-19-47  | 1511.09804 | 7.08152006 | 0.71241024 |
| 51 CS12-24-19  | 1511.14619 | 3.95802438 | 0.29880939 |
| 51 CS12-24-19  | 1511.14619 | 3.95802438 | 0.29880939 |
| 51 CS12-17-49  | 1512.03891 | 6.36076303 | 0.46192956 |
| 51 CS12-17-49  | 1512.03891 | 6.36076303 | 0.46192956 |
| 51 BBF-11-45   | 1512.65984 | 8.3459266  | 0.8554826  |
| 51 BBF-11-45   | 1512.65984 | 8.3459266  | 0.8554826  |
| 47 PMOG_P-2    | 1513       | 6          | 0.4        |
| 47 PMOG_P-2    | 1513       | 6          | 0.4        |
| 51 CS11-13_12  | 1513.77602 | 6.68818434 | 0.19236221 |
| 51 CS11-13_12  | 1513.77602 | 6.68818434 | 0.19236221 |
| 51 CS11-19-58b | 1514.19224 | 6.28090782 | 0.58590136 |
| 51 CS11-19-58b | 1514.19224 | 6.28090782 | 0.58590136 |
| 51 BBF-11-63   | 1515.32701 | 6.57560806 | 0.61123229 |
| 51 BBF-11-63   | 1515.32701 | 6.57560806 | 0.61123229 |
| 51 CS12-24-35  | 1517.54478 | 6.6201619  | 0.74639335 |

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| 51 CS12-24-35  | 1517.54478 | 6.6201619  | 0.74639335 |
| 106 10GD49-80  | 1518       | 5.81       | 0.21       |
| 51 CS11-20-52  | 1518.24947 | 8.21630633 | 0.74564367 |
| 51 CS11-20-52  | 1518.24947 | 8.21630633 | 0.74564367 |
| 51 CS11-6_51   | 1518.37692 | 5.60607637 | 0.24255598 |
| 51 CS11-6_51   | 1518.37692 | 5.60607637 | 0.24255598 |
| 74 DFHR-10     | 1519       | 6.05       |            |
| 51 BBF-11-77   | 1519.52362 | 5.86278972 | 0.53140423 |
| 51 BBF-11-77   | 1519.52362 | 5.86278972 | 0.53140423 |
| 51 CS11-19-28  | 1519.68177 | 6.47368558 | 0.47445673 |
| 51 CS11-19-28  | 1519.68177 | 6.47368558 | 0.47445673 |
| 51 CS12-24-56  | 1521.93348 | 4.29767131 | 0.44008715 |
| 51 CS12-24-56  | 1521.93348 | 4.29767131 | 0.44008715 |
| 51 CS11-6_41   | 1523.10201 | 5.71518021 | 0.24916378 |
| 51 CS11-6_41   | 1523.10201 | 5.71518021 | 0.24916378 |
| 51 CS11-20-69  | 1523.46339 | 4.35292227 | 0.37408919 |
| 51 CS11-20-69  | 1523.46339 | 4.35292227 | 0.37408919 |
| 51 BBF-11-71   | 1523.76614 | 5.74842964 | 0.58864669 |
| 51 BBF-11-71   | 1523.76614 | 5.74842964 | 0.58864669 |
| 51 BBF-11-54   | 1524.59214 | 9.3995277  | 1.03068393 |
| 51 BBF-11-54   | 1524.59214 | 9.3995277  | 1.03068393 |
| 51 CS11-19-21  | 1524.88003 | 5.25768112 | 0.48944877 |
| 51 CS11-19-21  | 1524.88003 | 5.25768112 | 0.48944877 |
| 37 07SC51-1@26 | 1525       | 8.3        | 0.45       |
| 37 07SC51-1@26 | 1525       | 8.3        | 0.45       |
| 51 BBF-11-89   | 1525.55372 | 5.33476088 | 0.30149671 |
| 51 BBF-11-89   | 1525.55372 | 5.33476088 | 0.30149671 |
| 74 DFHR-01     | 1526       | 6.62       |            |
| 74 DFHR-04     | 1526       | 7.2        |            |
| 51 CS11-18-47  | 1526.4197  | 5.69795173 | 0.44847427 |
| 51 CS11-18-47  | 1526.4197  | 5.69795173 | 0.44847427 |
| 65 BB-86 13    | 1527       | 5.27       | 0.26       |
| 65 BB-86 13    | 1527       | 5.27       | 0.26       |
| 74 DFHR-08     | 1527       | 6.86       |            |
| 51 CS11-19-54  | 1527.12901 | 4.39989097 | 0.29460266 |
| 51 CS11-19-54  | 1527.12901 | 4.39989097 | 0.29460266 |
| 51 CS11-1-19   | 1528.34866 | 7.26049728 | 0.56194983 |
| 51 CS11-1-19   | 1528.34866 | 7.26049728 | 0.56194983 |
| 51 CS11-19-53  | 1528.88049 | 6.08878434 | 0.57100112 |
| 51 CS11-19-53  | 1528.88049 | 6.08878434 | 0.57100112 |
| 52 BBF-29-44   | 1528.96403 | 6.93661663 | 0.6361172  |
| 52 BBF-29-44   | 1528.96403 | 6.93661663 | 0.6361172  |
| 37 07SC49@44   | 1529       | 6.45       | 0.28       |
| 37 07SC49@44   | 1529       | 6.45       | 0.28       |
| 51 CS11-19-59b | 1529.3849  | 5.77224522 | 0.57910408 |

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| 51 CS11-19-59b   | 1529.3849  | 5.77224522 | 0.57910408 |
| 47 PMOG-441_41-4 | 1530       | 5.1        | 0.3        |
| 47 PMOG-441_41-4 | 1530       | 5.1        | 0.3        |
| 37 07SC65@35     | 1531       | 9.41       | 0.25       |
| 37 07SC65@35     | 1531       | 9.41       | 0.25       |
| 51 CS11-20-61    | 1532.32609 | 4.30093965 | 0.29019965 |
| 51 CS11-20-61    | 1532.32609 | 4.30093965 | 0.29019965 |
| 51 CS11-20-45    | 1532.63412 | 7.52891411 | 0.65132968 |
| 51 CS11-20-45    | 1532.63412 | 7.52891411 | 0.65132968 |
| 51 CS11-18-56    | 1533.30909 | 4.06285228 | 0.33187032 |
| 51 CS11-18-56    | 1533.30909 | 4.06285228 | 0.33187032 |
| 51 CS11-18-29    | 1534.82222 | 9.09239791 | 0.90282828 |
| 51 CS11-18-29    | 1534.82222 | 9.09239791 | 0.90282828 |
| 51 CS11-20-48    | 1534.88155 | 5.88983215 | 0.41629238 |
| 51 CS11-20-48    | 1534.88155 | 5.88983215 | 0.41629238 |
| 51 CS11-13_56    | 1536.11745 | 5.07096797 | 0.19780708 |
| 51 CS11-13_56    | 1536.11745 | 5.07096797 | 0.19780708 |
| 51 CS11-6_24     | 1536.75748 | 6.74015572 | 0.24643491 |
| 51 CS11-6_24     | 1536.75748 | 6.74015572 | 0.24643491 |
| 47 PMOG_P-3      | 1537       | 4          | 0.4        |
| 47 PMOG_P-3      | 1537       | 4          | 0.4        |
| 51 CS12-25-53    | 1537.23661 | 7.94281186 | 0.74515115 |
| 51 CS12-25-53    | 1537.23661 | 7.94281186 | 0.74515115 |
| 51 CS11-6_25     | 1538.03773 | 6.81422621 | 0.22767146 |
| 51 CS11-6_25     | 1538.03773 | 6.81422621 | 0.22767146 |
| 52 BBF-29-1      | 1538.50035 | 6.31149483 | 0.54446838 |
| 52 BBF-29-1      | 1538.50035 | 6.31149483 | 0.54446838 |
| 51 CS11-20-55    | 1538.51113 | 4.03603517 | 0.34195522 |
| 51 CS11-20-55    | 1538.51113 | 4.03603517 | 0.34195522 |
| 60 vgt-138       | 1539       | 9.1        | 0.2        |
| 60 vgt-138       | 1539       | 9.1        | 0.2        |
| 51 CS12-17-59    | 1539.68395 | 3.97611148 | 0.407159   |
| 51 CS12-17-59    | 1539.68395 | 3.97611148 | 0.407159   |
| 52 BBF-29-29     | 1540.54693 | 7.58959266 | 0.65763959 |
| 52 BBF-29-29     | 1540.54693 | 7.58959266 | 0.65763959 |
| 52 BBF-29-43     | 1541.45368 | 7.64286624 | 0.62892219 |
| 52 BBF-29-43     | 1541.45368 | 7.64286624 | 0.62892219 |
| 51 CS12-25-2     | 1542.48163 | 6.81124317 | 0.64551084 |
| 51 CS12-25-2     | 1542.48163 | 6.81124317 | 0.64551084 |
| 51 CS11-18-58    | 1542.8157  | 4.81568565 | 0.38375391 |
| 51 CS11-18-58    | 1542.8157  | 4.81568565 | 0.38375391 |
| 51 BBF-11-46     | 1543.46016 | 7.08439002 | 0.71271625 |
| 51 BBF-11-46     | 1543.46016 | 7.08439002 | 0.71271625 |
| 51 CS11-18-12    | 1547.57582 | 5.84383132 | 0.59541725 |
| 51 CS11-18-12    | 1547.57582 | 5.84383132 | 0.59541725 |

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| 52 BBF-29-77   | 1547.87659 | 6.03077018 | 0.4896254  |
| 52 BBF-29-77   | 1547.87659 | 6.03077018 | 0.4896254  |
| 51 CS12-25-28  | 1549.93249 | 4.28685021 | 0.39528539 |
| 51 CS12-25-28  | 1549.93249 | 4.28685021 | 0.39528539 |
| 51 CS11-18-30  | 1550.29961 | 6.62279883 | 0.56113321 |
| 51 CS11-18-30  | 1550.29961 | 6.62279883 | 0.56113321 |
| 51 CS11-18-33  | 1550.58385 | 5.20846818 | 0.60950978 |
| 51 CS11-18-33  | 1550.58385 | 5.20846818 | 0.60950978 |
| 60 VGt-510     | 1553       | 6.4        | 0.2        |
| 60 VGt-510     | 1553       | 6.4        | 0.2        |
| 52 BBF-29-16   | 1553.37283 | 5.8893114  | 0.47310931 |
| 52 BBF-29-16   | 1553.37283 | 5.8893114  | 0.47310931 |
| 51 BBF-11-72   | 1553.90479 | 7.59034162 | 0.56462907 |
| 51 BBF-11-72   | 1553.90479 | 7.59034162 | 0.56462907 |
| 51 CS11-6_22   | 1557.53777 | 6.16460794 | 0.24948903 |
| 51 CS11-6_22   | 1557.53777 | 6.16460794 | 0.24948903 |
| 60 VGt-236     | 1558       | 7.1        | 0.6        |
| 60 VGt-236     | 1558       | 7.1        | 0.6        |
| 65 BB-81 15    | 1561       | 8.03       | 0.15       |
| 65 BB-81 15    | 1561       | 8.03       | 0.15       |
| 51 CS11-19-32  | 1566.08173 | 7.51637863 | 0.63678267 |
| 51 CS11-19-32  | 1566.08173 | 7.51637863 | 0.63678267 |
| 51 CS11-18-51  | 1566.25202 | 6.4979824  | 0.58181532 |
| 51 CS11-18-51  | 1566.25202 | 6.4979824  | 0.58181532 |
| 52 BBF-29-76   | 1570.66909 | 3.98526199 | 0.23498141 |
| 52 BBF-29-76   | 1570.66909 | 3.98526199 | 0.23498141 |
| 35 09LSC1_71.1 | 1572       | 6.5        | 0.2        |
| 35 09LSC1_71.1 | 1572       | 6.5        | 0.2        |
| 12 A691        | 1573       | 7.56       |            |
| 12 A691        | 1573       | 7.56       |            |
| 12 A606        | 1573       | 8.47       |            |
| 12 A606        | 1573       | 8.47       |            |
| 51 CS11-18-20  | 1573.85053 | 7.50509676 | 0.64177659 |
| 51 CS11-18-20  | 1573.85053 | 7.50509676 | 0.64177659 |
| 52 BBF-29-73   | 1573.95388 | 4.90473414 | 0.43488956 |
| 52 BBF-29-73   | 1573.95388 | 4.90473414 | 0.43488956 |
| 12 A295        | 1575       | 6.07       |            |
| 12 A295        | 1575       | 6.07       |            |
| 12 A1303       | 1576       | 8.79       |            |
| 12 A1303       | 1576       | 8.79       |            |
| 51 CS12-24-43  | 1577.40654 | 6.51461003 | 0.62985585 |
| 51 CS12-24-43  | 1577.40654 | 6.51461003 | 0.62985585 |
| 51 CS12-25-42  | 1578.78759 | 7.01417781 | 0.62126139 |
| 51 CS12-25-42  | 1578.78759 | 7.01417781 | 0.62126139 |
| 51 CS11-20-2   | 1582.50847 | 7.62277805 | 0.51802332 |

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| 51 CS11-20-2   | 1582.50847 | 7.62277805 | 0.51802332 |
| 51 CS11-1-1    | 1585.66941 | 6.6157516  | 0.50343651 |
| 51 CS11-1-1    | 1585.66941 | 6.6157516  | 0.50343651 |
| 51 BBF-11-34   | 1586.16183 | 4.93173795 | 0.52213585 |
| 51 BBF-11-34   | 1586.16183 | 4.93173795 | 0.52213585 |
| 51 CS12-25-15  | 1587.16032 | 6.44408802 | 0.50923422 |
| 51 CS12-25-15  | 1587.16032 | 6.44408802 | 0.50923422 |
| 51 CS11-1-3    | 1587.87886 | 7.70708914 | 0.77963427 |
| 51 CS11-1-3    | 1587.87886 | 7.70708914 | 0.77963427 |
| 35 07LSC5_2    | 1590       | 8.9        | 0.3        |
| 35 07LSC5_2    | 1590       | 8.9        | 0.3        |
| 107 DL90/7_1   | 1591       | 8.38       | 0.18       |
| 51 CS11-13_1   | 1592.26447 | 5.99259128 | 0.22227756 |
| 51 CS11-13_1   | 1592.26447 | 5.99259128 | 0.22227756 |
| 51 CS12-25-48  | 1592.94386 | 6.06820349 | 0.55804842 |
| 51 CS12-25-48  | 1592.94386 | 6.06820349 | 0.55804842 |
| 37 07SC51-1@39 | 1593       | 5.7        | 0.37       |
| 37 07SC51-1@39 | 1593       | 5.7        | 0.37       |
| 37 07SC49@58   | 1593       | 6.37       | 0.24       |
| 37 07SC49@58   | 1593       | 6.37       | 0.24       |
| 35 07LSC3_47   | 1594       | 5.8        | 0.3        |
| 35 07LSC3_47   | 1594       | 5.8        | 0.3        |
| 107 DL90/7_16  | 1595       | 6.17       | 0.13       |
| 52 BBF-29-34   | 1595.41029 | 8.00497743 | 0.74962878 |
| 52 BBF-29-34   | 1595.41029 | 8.00497743 | 0.74962878 |
| 123            | 1597       | 7.17       | 0.08845352 |
| 51 CS11-13_11  | 1597.83249 | 5.78056291 | 0.20329733 |
| 51 CS11-13_11  | 1597.83249 | 5.78056291 | 0.20329733 |
| 107 DL90/7_19  | 1599       | 9.25       | 0.28       |
| 51 CS11-1-28   | 1599.49283 | 5.89515695 | 0.51350429 |
| 51 CS11-1-28   | 1599.49283 | 5.89515695 | 0.51350429 |
| 51 CS11-1-34   | 1600.25563 | 8.07400979 | 0.86883988 |
| 51 CS11-1-34   | 1600.25563 | 8.07400979 | 0.86883988 |
| 51 CS12-24-4   | 1600.85447 | 5.24191556 | 0.38382723 |
| 51 CS12-24-4   | 1600.85447 | 5.24191556 | 0.38382723 |
| 51 CS11-18-21  | 1600.96918 | 4.75524546 | 0.48827832 |
| 51 CS11-18-21  | 1600.96918 | 4.75524546 | 0.48827832 |
| 35 07LSC5_4    | 1601       | 7.2        | 0.4        |
| 35 07LSC5_4    | 1601       | 7.2        | 0.4        |
| 119            | 8.1 1605   | 5          | 0.5445     |
| 51 BBF-11-78   | 1605.74133 | 6.20903052 | 0.51281569 |
| 51 BBF-11-78   | 1605.74133 | 6.20903052 | 0.51281569 |
| 51 CS12-23-32  | 1606.22239 | 8.92279343 | 0.8360052  |
| 51 CS12-23-32  | 1606.22239 | 8.92279343 | 0.8360052  |
| 106 10GD48-22  | 1608       | 7.82       | 0.27       |

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| 61 08SC74-153   | 1609       | 6.9        | 0.21       |
| 61 08SC74-153   | 1609       | 6.9        | 0.21       |
| 51 CS12-24-37   | 1610.81311 | 7.65016805 | 0.66867647 |
| 51 CS12-24-37   | 1610.81311 | 7.65016805 | 0.66867647 |
| 51 CS12-23-2    | 1610.96705 | 5.71901186 | 0.38457446 |
| 51 CS12-23-2    | 1610.96705 | 5.71901186 | 0.38457446 |
| 51 CS11-1-14    | 1611.33955 | 6.7044397  | 0.58923476 |
| 51 CS11-1-14    | 1611.33955 | 6.7044397  | 0.58923476 |
| 51 CS11-18-25   | 1611.75447 | 7.91808256 | 0.66918521 |
| 51 CS11-18-25   | 1611.75447 | 7.91808256 | 0.66918521 |
| 51 CS12-23-20   | 1615.71735 | 8.15523455 | 0.7144088  |
| 51 CS12-23-20   | 1615.71735 | 8.15523455 | 0.7144088  |
| 35 09LSC1_15.1  | 1616       | 5.3        | 0.3        |
| 35 09LSC1_15.1  | 1616       | 5.3        | 0.3        |
| 51 CS11-6_28    | 1617.35352 | 5.43391251 | 0.25188774 |
| 51 CS11-6_28    | 1617.35352 | 5.43391251 | 0.25188774 |
| 51 CS11-13_78   | 1617.6429  | 5.14747821 | 0.21662617 |
| 51 CS11-13_78   | 1617.6429  | 5.14747821 | 0.21662617 |
| 30 n2539-rpt-b6 | 1618       | 3.37       | 0.28       |
| 30 n2539-rpt-b6 | 1618       | 3.37       | 0.28       |
| 51 CS11-13_39   | 1620.19692 | 8.98399149 | 0.20942968 |
| 51 CS11-13_39   | 1620.19692 | 8.98399149 | 0.20942968 |
| 51 CS11-20-13   | 1621.16984 | 6.39901054 | 0.62798733 |
| 51 CS11-20-13   | 1621.16984 | 6.39901054 | 0.62798733 |
| 51 CS11-13_47   | 1622.37094 | 6.22412225 | 0.21047951 |
| 51 CS11-13_47   | 1622.37094 | 6.22412225 | 0.21047951 |
| 51 CS12-17-45   | 1622.92429 | 5.86362911 | 0.35310119 |
| 51 CS12-17-45   | 1622.92429 | 5.86362911 | 0.35310119 |
| 107 IT/5_26     | 1623       | 10         | 0.21       |
| 123             | 1623       | 6.95       | 0.10215703 |
| 98 IV67-110SC   | 1624       | 8.03       | 0.37       |
| 123             | 1625       | 7.14       | 0.07110567 |
| 35 07LSC6_44.1  | 1627       | 6.2        | 0.2        |
| 35 07LSC6_44.1  | 1627       | 6.2        | 0.2        |
| 119 29.1        | 1627       | 7          | 0.6344     |
| 52 BBF-29-79    | 1627.48275 | 5.18105865 | 0.4397536  |
| 52 BBF-29-79    | 1627.48275 | 5.18105865 | 0.4397536  |
| 51 CS12-23-18   | 1627.91169 | 8.71413922 | 0.68605548 |
| 51 CS12-23-18   | 1627.91169 | 8.71413922 | 0.68605548 |
| 123             | 1629       | 6.63       | 0.08912478 |
| 123             | 1629       | 6.89       | 0.09326516 |
| 107 WPG90/4_28  | 1630       | 5          | 0.21       |
| 123             | 1630       | 10.3333254 | 0.10871139 |
| 10 2436-48      | 1631       | 3.7        | 0.3        |
| 10 2436-48      | 1631       | 3.7        | 0.3        |

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| 51 CS11-19-17   | 1631.36286 | 8.45556383 | 0.91115114 |
| 51 CS11-19-17   | 1631.36286 | 8.45556383 | 0.91115114 |
| 35 07LSC3_35.1  | 1632       | 6.4        | 0.4        |
| 35 07LSC3_35.1  | 1632       | 6.4        | 0.4        |
| 123             | 1632       | 9.46183691 | 0.14002186 |
| 51 CS12-25-7    | 1632.53426 | 8.03570833 | 0.81858215 |
| 51 CS12-25-7    | 1632.53426 | 8.03570833 | 0.81858215 |
| 12 A119         | 1633       | 6.68       |            |
| 12 A119         | 1633       | 6.68       |            |
| 12 A29          | 1633       | 7.21       |            |
| 12 A29          | 1633       | 7.21       |            |
| 123             | 1633.12603 | 7.32       | 0.08898161 |
| 52 BBF-29-25    | 1633.9453  | 6.01842224 | 0.55176023 |
| 52 BBF-29-25    | 1633.9453  | 6.01842224 | 0.55176023 |
| 51 CS11-19-27   | 1634.02971 | 7.07088339 | 0.70137195 |
| 51 CS11-19-27   | 1634.02971 | 7.07088339 | 0.70137195 |
| 51 CS12-17-51   | 1635.77172 | 8.59774742 | 0.71416737 |
| 51 CS12-17-51   | 1635.77172 | 8.59774742 | 0.71416737 |
| 12 A1577        | 1636       | 6.21       |            |
| 12 A1577        | 1636       | 6.21       |            |
| 51 CS11-13_17   | 1636.70268 | 7.13774449 | 0.22974555 |
| 51 CS11-13_17   | 1636.70268 | 7.13774449 | 0.22974555 |
| 52 BBF-29-61    | 1636.83729 | 9.01422521 | 0.54302126 |
| 52 BBF-29-61    | 1636.83729 | 9.01422521 | 0.54302126 |
| 51 CS11-19-20   | 1636.90637 | 7.10622752 | 0.59137492 |
| 51 CS11-19-20   | 1636.90637 | 7.10622752 | 0.59137492 |
| 107 WPG90/4_29  | 1637       | 5.57       | 0.17       |
| 51 CS11-19-27   | 1637.14235 | 6.70926892 | 0.54119648 |
| 51 CS11-19-27   | 1637.14235 | 6.70926892 | 0.54119648 |
| 35 09LSC1_19.1  | 1638       | 5.6        | 0.3        |
| 35 09LSC1_19.1  | 1638       | 5.6        | 0.3        |
| 12 A1306        | 1639       | 7.04       |            |
| 12 A1306        | 1639       | 7.04       |            |
| 12 A1042        | 1639       | 8.12       |            |
| 12 A1042        | 1639       | 8.12       |            |
| 35 CJS 99-J5_6. | 1639       | 4.5        | 0.4        |
| 35 CJS 99-J5_6. | 1639       | 4.5        | 0.4        |
| 123             | 1639       | 7.06       | 0.0772261  |
| 51 CS11-19-9    | 1639.25891 | 5.27316925 | 0.41856941 |
| 51 CS11-19-9    | 1639.25891 | 5.27316925 | 0.41856941 |
| 51 CS11-19-35   | 1641.52399 | 6.58585447 | 0.39673504 |
| 51 CS11-19-35   | 1641.52399 | 6.58585447 | 0.39673504 |
| 51 CS12-24-15   | 1641.99185 | 8.11061228 | 0.7006609  |
| 51 CS12-24-15   | 1641.99185 | 8.11061228 | 0.7006609  |
| 12 A1360        | 1642       | 8.09       |            |



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| 12 A1360         | 1642       | 8.09       |            |
| 61 08SC11-4      | 1642       | 5.7        | 0.25       |
| 61 08SC11-4      | 1642       | 5.7        | 0.25       |
| 123              | 1642       | 8.38       | 0.08304212 |
| 51 CS11-19-33    | 1642.37181 | 6.0908182  | 0.59162211 |
| 51 CS11-19-33    | 1642.37181 | 6.0908182  | 0.59162211 |
| 12 A574          | 1643       | 5.53       |            |
| 12 A574          | 1643       | 5.53       |            |
| 106 10GD49-52    | 1643       | 6.82       | 0.15       |
| 35 07LSC5_48.1   | 1644       | 5.6        | 0.3        |
| 35 07LSC5_48.1   | 1644       | 5.6        | 0.3        |
| 35 2CJS 99-J5_4. | 1644       | 8.4        | 0.2        |
| 35 2CJS 99-J5_4. | 1644       | 8.4        | 0.2        |
| 37 07SC65@10     | 1644       | 9.28       | 0.21       |
| 37 07SC65@10     | 1644       | 9.28       | 0.21       |
| 51 CS11-13_51    | 1644.63861 | 5.85407274 | 0.25089063 |
| 51 CS11-13_51    | 1644.63861 | 5.85407274 | 0.25089063 |
| 12 A602          | 1645       | 6.15       |            |
| 12 A602          | 1645       | 6.15       |            |
| 12 A118          | 1645       | 7.15       |            |
| 12 A118          | 1645       | 7.15       |            |
| 123              | 1645       | 10.2834489 | 0.09726618 |
| 123              | 1645       | 10.3403081 | 0.10840357 |
| 51 BBF-11-30     | 1645.02782 | 4.37993081 | 0.44851063 |
| 51 BBF-11-30     | 1645.02782 | 4.37993081 | 0.44851063 |
| 52 BBF-29-60     | 1645.70191 | 7.43661116 | 0.9107485  |
| 52 BBF-29-60     | 1645.70191 | 7.43661116 | 0.9107485  |
| 52 BBF-29-51     | 1645.88134 | 6.13422824 | 0.45035259 |
| 52 BBF-29-51     | 1645.88134 | 6.13422824 | 0.45035259 |
| 35 07LSC3_3.1    | 1646       | 5.1        | 0.5        |
| 35 07LSC3_3.1    | 1646       | 5.1        | 0.5        |
| 115 13.1         | 1646.1     | 8.7        |            |
| 51 CS11-18-43    | 1646.21402 | 5.35361523 | 0.60579496 |
| 51 CS11-18-43    | 1646.21402 | 5.35361523 | 0.60579496 |
| 60 DNt-210       | 1647       | 8          | 0.2        |
| 60 DNt-210       | 1647       | 8          | 0.2        |
| 60 DNt-201       | 1647       | 8.8        | 0.2        |
| 60 DNt-201       | 1647       | 8.8        | 0.2        |
| 10 2606-20       | 1648       | 4.9        | 0.4        |
| 10 2606-20       | 1648       | 4.9        | 0.4        |
| 51 BBF-11-100    | 1648.77518 | 8.14969875 | 0.74052844 |
| 51 BBF-11-100    | 1648.77518 | 8.14969875 | 0.74052844 |
| 123              | 1648.90577 | 7.32       | 0.10673932 |
| 30 n2539-rpt-3   | 1649       | 5.12       | 0.34       |
| 30 n2539-rpt-3   | 1649       | 5.12       | 0.34       |

|                |            |            |            |
|----------------|------------|------------|------------|
| 35 07LSC6_16.1 | 1649       | 6.2        | 0.2        |
| 35 07LSC6_16.1 | 1649       | 6.2        | 0.2        |
| 61 08SC74-38   | 1649       | 5.2        | 0.24       |
| 61 08SC74-38   | 1649       | 5.2        | 0.24       |
| 123            | 1649       | 9.59       | 0.10796084 |
| 51 CS11-13_45  | 1649.16083 | 6.10460626 | 0.19991317 |
| 51 CS11-13_45  | 1649.16083 | 6.10460626 | 0.19991317 |
| 51 CS12-24-59  | 1649.5732  | 6.010139   | 0.40349531 |
| 51 CS12-24-59  | 1649.5732  | 6.010139   | 0.40349531 |
| 51 BBF-11-38   | 1649.94533 | 8.86254901 | 0.58923015 |
| 51 BBF-11-38   | 1649.94533 | 8.86254901 | 0.58923015 |
| 60 DNt-242     | 1650       | 4.2        | 0.2        |
| 60 DNt-242     | 1650       | 4.2        | 0.2        |
| 106 10GD49-49  | 1650       | 7.59       | 0.34       |
| 123            | 1650       | 9.11113009 | 0.12896411 |
| 123            | 1650       | 10.0918312 | 0.19846109 |
| 51 CS12-24-26  | 1650.17383 | 9.68724627 | 0.79351845 |
| 51 CS12-24-26  | 1650.17383 | 9.68724627 | 0.79351845 |
| 51 CS12-24-30  | 1650.67477 | 6.92488634 | 0.68013078 |
| 51 CS12-24-30  | 1650.67477 | 6.92488634 | 0.68013078 |
| 52 BBF-29-21   | 1651.02305 | 4.22441038 | 0.39784483 |
| 52 BBF-29-21   | 1651.02305 | 4.22441038 | 0.39784483 |
| 51 CS11-13_15  | 1651.02444 | 6.72968989 | 0.22521826 |
| 51 CS11-13_15  | 1651.02444 | 6.72968989 | 0.22521826 |
| 51 CS11-18-41  | 1651.11456 | 6.19584533 | 0.45191629 |
| 51 CS11-18-41  | 1651.11456 | 6.19584533 | 0.45191629 |
| 51 CS11-19-52  | 1651.33648 | 6.01136273 | 0.5521301  |
| 51 CS11-19-52  | 1651.33648 | 6.01136273 | 0.5521301  |
| 51 BBF-11-59   | 1651.46164 | 6.94445817 | 0.57713213 |
| 51 BBF-11-59   | 1651.46164 | 6.94445817 | 0.57713213 |
| 35 07LSC5_3.1  | 1652       | 4.2        | 0.4        |
| 35 07LSC5_3.1  | 1652       | 4.2        | 0.4        |
| 60 DNt-188     | 1652       | 5.1        | 0.2        |
| 60 DNt-188     | 1652       | 5.1        | 0.2        |
| 107 IT/5_17    | 1652       | 8.15       | 0.22       |
| 51 CS11-13_28  | 1652.54789 | 4.51889411 | 0.23186439 |
| 51 CS11-13_28  | 1652.54789 | 4.51889411 | 0.23186439 |
| 51 CS11-18-36  | 1652.58757 | 7.51221811 | 0.50253464 |
| 51 CS11-18-36  | 1652.58757 | 7.51221811 | 0.50253464 |
| 51 CS11-13_46  | 1652.63236 | 5.80706646 | 0.19585204 |
| 51 CS11-13_46  | 1652.63236 | 5.80706646 | 0.19585204 |
| 51 CS11-6_30   | 1652.80658 | 6.97788197 | 0.27045926 |
| 51 CS11-6_30   | 1652.80658 | 6.97788197 | 0.27045926 |
| 35 07LSC5_41.1 | 1653       | 4.9        | 0.3        |
| 35 07LSC5_41.1 | 1653       | 4.9        | 0.3        |

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|---------------|------------|------------|------------|------------|
| 123           |            | 1653       | 7.80637786 | 0.12205505 |
| 123           |            | 1653       | 9.37447457 | 0.1282033  |
| 123           |            | 1653       | 9.66       | 0.09474385 |
| 51 CS12-23-1  | 1653.04926 | 4.78558537 | 0.32117553 |            |
| 51 CS12-23-1  | 1653.04926 | 4.78558537 | 0.32117553 |            |
| 123           |            | 1653.21997 | 7.19       | 0.08996461 |
| 51 CS12-25-21 | 1653.78621 | 8.99103176 | 0.61842004 |            |
| 51 CS12-25-21 | 1653.78621 | 8.99103176 | 0.61842004 |            |
| 123           |            | 1654       | 9.78       | 0.10834093 |
| 123           |            | 1655       | 9.18       | 0.10933203 |
| 51 CS11-13_16 | 1655.39342 | 9.49255954 | 0.20273568 |            |
| 51 CS11-13_16 | 1655.39342 | 9.49255954 | 0.20273568 |            |
| 51 BBF-11-92  | 1655.92362 | 8.81937921 | 0.65822693 |            |
| 51 BBF-11-92  | 1655.92362 | 8.81937921 | 0.65822693 |            |
| 35 07LSC3_25  | 1656       | 7.7        | 0.3        |            |
| 35 07LSC3_25  | 1656       | 7.7        | 0.3        |            |
| 37 07SC49@81  | 1656       | 5.18       | 0.46       |            |
| 37 07SC49@81  | 1656       | 5.18       | 0.46       |            |
| 123           |            | 1656       | 8.8949737  | 0.16641525 |
| 123           |            | 1656       | 9.72       | 0.09841005 |
| 51 BBF-11-41  | 1656.05296 | 4.60078508 | 0.47112639 |            |
| 51 BBF-11-41  | 1656.05296 | 4.60078508 | 0.47112639 |            |
| 51 CS11-20-42 | 1656.9279  | 5.6985754  | 0.58354155 |            |
| 51 CS11-20-42 | 1656.9279  | 5.6985754  | 0.58354155 |            |
| 51 CS11-13_67 | 1656.98802 | 7.79833287 | 0.21352479 |            |
| 51 CS11-13_67 | 1656.98802 | 7.79833287 | 0.21352479 |            |
| 107 DL90/7_4  | 1657       | 5.53       | 0.16       |            |
| 123           |            | 1657       | 10.0070339 | 0.20057653 |
| 51 BBF-11-52  | 1657.035   | 5.55815619 | 0.35064958 |            |
| 51 BBF-11-52  | 1657.035   | 5.55815619 | 0.35064958 |            |
| 52 BBF-29-53  | 1657.36516 | 7.38674063 | 0.63213048 |            |
| 52 BBF-29-53  | 1657.36516 | 7.38674063 | 0.63213048 |            |
| 123           |            | 1658       | 8.77       | 0.09328223 |
| 51 CS11-13_38 | 1658.01992 | 7.05723371 | 0.19653968 |            |
| 51 CS11-13_38 | 1658.01992 | 7.05723371 | 0.19653968 |            |
| 51 CS11-18-42 | 1659.43226 | 7.94644607 | 0.62031344 |            |
| 51 CS11-18-42 | 1659.43226 | 7.94644607 | 0.62031344 |            |
| 51 CS12-24-28 | 1659.49621 | 5.53947816 | 0.32102408 |            |
| 51 CS12-24-28 | 1659.49621 | 5.53947816 | 0.32102408 |            |
| 51 CS11-13_62 | 1659.66562 | 5.81456746 | 0.24701427 |            |
| 51 CS11-13_62 | 1659.66562 | 5.81456746 | 0.24701427 |            |
| 59 M0-944     | 1660       | 8.5        | 0.2        |            |
| 59 M0-944     | 1660       | 8.5        | 0.2        |            |
| 60 DNt-189    | 1660       | 4.7        | 0.2        |            |
| 60 DNt-189    | 1660       | 4.7        | 0.2        |            |

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| 60 DNt-209     | 1660       | 8.7        | 0.2        |
| 60 DNt-209     | 1660       | 8.7        | 0.2        |
| 65 BB-81 12    | 1660       | 9.43       | 0.29       |
| 65 BB-81 12    | 1660       | 9.43       | 0.29       |
| 123            | 1660       | 8.89098872 | 0.14088653 |
| 51 CS12-23-38  | 1660.87564 | 8.74726848 | 0.58737426 |
| 51 CS12-23-38  | 1660.87564 | 8.74726848 | 0.58737426 |
| 51 CS11-18-44  | 1660.92115 | 5.24518933 | 0.39870858 |
| 51 CS11-18-44  | 1660.92115 | 5.24518933 | 0.39870858 |
| 123            | 1661       | 9.18       | 0.09692369 |
| 51 CS12-24-20  | 1661.08675 | 4.49539034 | 0.32784213 |
| 51 CS12-24-20  | 1661.08675 | 4.49539034 | 0.32784213 |
| 51 CS12-25-22  | 1661.10287 | 7.87488797 | 0.66795555 |
| 51 CS12-25-22  | 1661.10287 | 7.87488797 | 0.66795555 |
| 51 CS11-13_75  | 1661.12862 | 4.87744208 | 0.21404497 |
| 51 CS11-13_75  | 1661.12862 | 4.87744208 | 0.21404497 |
| 52 BBF-29-42   | 1661.97305 | 6.14035291 | 0.58747251 |
| 52 BBF-29-42   | 1661.97305 | 6.14035291 | 0.58747251 |
| 51 CS11-19-51b | 1662.36358 | 4.38889964 | 0.26438942 |
| 51 CS11-19-51b | 1662.36358 | 4.38889964 | 0.26438942 |
| 123            | 1663       | 8.73       | 0.1038188  |
| 51 CS11-20-1   | 1663.3543  | 2.99900862 | 0.20806934 |
| 51 CS11-20-1   | 1663.3543  | 2.99900862 | 0.20806934 |
| 123            | 1664       | 7.26       | 0.10394856 |
| 123            | 1664       | 7.96847438 | 0.12995395 |
| 51 CS11-13_82  | 1664.23516 | 5.79006418 | 0.20243472 |
| 51 CS11-13_82  | 1664.23516 | 5.79006418 | 0.20243472 |
| 60 DNt-240     | 1665       | 4.5        | 0.3        |
| 60 DNt-240     | 1665       | 4.5        | 0.3        |
| 123            | 1665       | 10.1222585 | 0.20531752 |
| 107 DL90/7_6   | 1666       | 8.67       | 0.14       |
| 115 20.1       | 1666.1     | 5.9        |            |
| 52 BBF-29-40   | 1666.35177 | 3.81602144 | 0.34339581 |
| 52 BBF-29-40   | 1666.35177 | 3.81602144 | 0.34339581 |
| 123            | 1666.78318 | 7.08       | 0.09154556 |
| 123            | 1667       | 8.95950751 | 0.1356189  |
| 123            | 1667       | 10.2087699 | 0.11102597 |
| 123            | 1667       | 10.486388  | 0.19574147 |
| 51 CS12-17-31  | 1667.45878 | 5.07668792 | 0.39339933 |
| 51 CS12-17-31  | 1667.45878 | 5.07668792 | 0.39339933 |
| 123            | 1668       | 8.94       | 0.12146291 |
| 106 10GD49-44  | 1669       | 7.58       | 0.26       |
| 123            | 1669       | 7.67756272 | 0.10630946 |
| 123            | 1669       | 10.0534231 | 0.19930829 |
| 123            | 1669       | 10.2415526 | 0.09918288 |

|                |            |            |            |
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| 51 BBF-11-79   | 1669.19455 | 5.32862946 | 0.40619619 |
| 51 BBF-11-79   | 1669.19455 | 5.32862946 | 0.40619619 |
| 51 CS11-1-8    | 1669.81545 | 8.18644368 | 0.6575995  |
| 51 CS11-1-8    | 1669.81545 | 8.18644368 | 0.6575995  |
| 52 BBF-29-66   | 1670.03735 | 6.61425454 | 0.54927605 |
| 52 BBF-29-66   | 1670.03735 | 6.61425454 | 0.54927605 |
| 51 CS11-19-46  | 1670.28068 | 8.10732843 | 0.71758152 |
| 51 CS11-19-46  | 1670.28068 | 8.10732843 | 0.71758152 |
| 51 CS12-25-16  | 1670.29405 | 4.81658841 | 0.32921143 |
| 51 CS12-25-16  | 1670.29405 | 4.81658841 | 0.32921143 |
| 51 CS12-24-17  | 1670.8579  | 5.05982234 | 0.30094349 |
| 51 CS12-24-17  | 1670.8579  | 5.05982234 | 0.30094349 |
| 51 CS11-19-24  | 1672.07615 | 7.8465726  | 0.77361908 |
| 51 CS11-19-24  | 1672.07615 | 7.8465726  | 0.77361908 |
| 51 CS12-17-47  | 1672.32046 | 4.46777139 | 0.30797528 |
| 51 CS12-17-47  | 1672.32046 | 4.46777139 | 0.30797528 |
| 51 CS11-19-7   | 1672.99227 | 5.6430722  | 0.46029858 |
| 51 CS11-19-7   | 1672.99227 | 5.6430722  | 0.46029858 |
| 37 07SC51-1@75 | 1673       | 8.3        | 0.35       |
| 37 07SC51-1@75 | 1673       | 8.3        | 0.35       |
| 123            | 1673       | 10.4904365 | 0.11579215 |
| 123            | 1673       | 10.5083356 | 0.20875124 |
| 123            | 1673.06107 | 7.04       | 0.09563621 |
| 52 BBF-29-26   | 1673.92598 | 7.91420691 | 0.62479403 |
| 52 BBF-29-26   | 1673.92598 | 7.91420691 | 0.62479403 |
| 60 DNt-202     | 1674       | 6.9        | 0.2        |
| 60 DNt-202     | 1674       | 6.9        | 0.2        |
| 51 CS11-20-14  | 1674.57013 | 5.10276296 | 0.63065144 |
| 51 CS11-20-14  | 1674.57013 | 5.10276296 | 0.63065144 |
| 51 CS11-13_19  | 1675.28373 | 5.33250296 | 0.21549311 |
| 51 CS11-13_19  | 1675.28373 | 5.33250296 | 0.21549311 |
| 51 CS12-17-21  | 1675.84317 | 4.22328096 | 0.38033199 |
| 51 CS12-17-21  | 1675.84317 | 4.22328096 | 0.38033199 |
| 35 07LSC5_63.1 | 1676       | 5.1        | 0.2        |
| 35 07LSC5_63.1 | 1676       | 5.1        | 0.2        |
| 123            | 1676       | 10.4589335 | 0.11984825 |
| 51 BBF-11-64   | 1676.10442 | 5.46071242 | 0.43215888 |
| 51 BBF-11-64   | 1676.10442 | 5.46071242 | 0.43215888 |
| 123            | 1677       | 8.96       | 0.08916487 |
| 123            | 1677       | 10.2319962 | 0.21142644 |
| 51 CS12-23-14  | 1677.6884  | 4.36070044 | 0.33383919 |
| 51 CS12-23-14  | 1677.6884  | 4.36070044 | 0.33383919 |
| 123            | 1678       | 10.0369624 | 0.20758954 |
| 123            | 1679       | 7.44294711 | 0.13915219 |
| 123            | 1679       | 10.2573383 | 0.17519628 |

|                  |            |      |            |            |
|------------------|------------|------|------------|------------|
| 123              |            | 1679 | 10.3555725 | 0.11793941 |
| 51 BBF-11-62     | 1679.12478 |      | 5.98629946 | 0.58886573 |
| 51 BBF-11-62     | 1679.12478 |      | 5.98629946 | 0.58886573 |
| 60 DNt-199       | 1680       |      | 4          | 0.2        |
| 60 DNt-199       | 1680       |      | 4          | 0.2        |
| 123              |            | 1680 | 7.93608821 | 0.08090846 |
| 123              |            | 1680 | 10.2679872 | 0.08606329 |
| 51 CS12-17-42    | 1680.50409 |      | 4.42330616 | 0.40745468 |
| 51 CS12-17-42    | 1680.50409 |      | 4.42330616 | 0.40745468 |
| 35 07LSC5_9      | 1681       |      | 6.7        | 0.3        |
| 35 07LSC5_9      | 1681       |      | 6.7        | 0.3        |
| 35 CJS 99-J5_5.4 | 1682       |      | 8.3        | 0.4        |
| 35 CJS 99-J5_5.4 | 1682       |      | 8.3        | 0.4        |
| 123              |            | 1682 | 7.28       | 0.08516933 |
| 123              |            | 1682 | 10.4405599 | 0.09204111 |
| 123              |            | 1682 | 10.4654248 | 0.11010553 |
| 51 CS12-24-6     | 1682.60371 |      | 5.26007166 | 0.43289661 |
| 51 CS12-24-6     | 1682.60371 |      | 5.26007166 | 0.43289661 |
| 123              |            | 1683 | 10.4809599 | 0.10361625 |
| 51 BBF-11-4b     | 1683.59013 |      | 5.56364271 | 0.8912629  |
| 51 BBF-11-4b     | 1683.59013 |      | 5.56364271 | 0.8912629  |
| 51 CS11-19-37    | 1685.79896 |      | 5.84479091 | 0.52591642 |
| 51 CS11-19-37    | 1685.79896 |      | 5.84479091 | 0.52591642 |
| 123              |            | 1686 | 9.0289686  | 0.08984603 |
| 123              |            | 1686 | 9.30343401 | 0.09005327 |
| 18 CNG2-anu-zrn- | 1686.50418 |      | 5.93347574 | 0.59650872 |
| 18 CNG2-anu-zrn- | 1686.50418 |      | 5.93347574 | 0.59650872 |
| 60 DNt-196       | 1687       |      | 4.4        | 0.2        |
| 60 DNt-196       | 1687       |      | 4.4        | 0.2        |
| 61 08SC11-15     | 1687       |      | 5.7        | 0.23       |
| 61 08SC11-15     | 1687       |      | 5.7        | 0.23       |
| 98 IV22-16R      | 1688       |      | 6.06       | 0.13       |
| 51 CS12-25-49    | 1688.29976 |      | 8.67517175 | 0.77562102 |
| 51 CS12-25-49    | 1688.29976 |      | 8.67517175 | 0.77562102 |
| 51 CS11-13_59    | 1688.39923 |      | 6.67768293 | 0.22766559 |
| 51 CS11-13_59    | 1688.39923 |      | 6.67768293 | 0.22766559 |
| 52 BBF-29-67     | 1688.99505 |      | 8.35320151 | 0.73729395 |
| 52 BBF-29-67     | 1688.99505 |      | 8.35320151 | 0.73729395 |
| 98 IV67-14R      | 1689       |      | 7.81       | 0.37       |
| 123              |            | 1689 | 7.96947189 | 0.15665158 |
| 35 07LSC3_59     | 1690       |      | 7.3        | 0.4        |
| 35 07LSC3_59     | 1690       |      | 7.3        | 0.4        |
| 65 BB-81 13      | 1690       |      | 8.65       | 0.19       |
| 65 BB-81 13      | 1690       |      | 8.65       | 0.19       |
| 51 CS12-23-41    | 1690.39593 |      | 4.52463214 | 0.48043759 |

|                   |            |            |            |
|-------------------|------------|------------|------------|
| 51 CS12-23-41     | 1690.39593 | 4.52463214 | 0.48043759 |
| 59 M0-1355        | 1691       | 6.3        | 0.2        |
| 59 M0-1355        | 1691       | 6.3        | 0.2        |
| 60 vgt-091        | 1693       | 5.3        | 0.2        |
| 60 vgt-091        | 1693       | 5.3        | 0.2        |
| 60 DNt-208        | 1693       | 11.6       | 0.1        |
| 60 DNt-208        | 1693       | 11.6       | 0.1        |
| 123               | 1693       | 8.43670115 | 0.13580017 |
| 94 177921@2. asc  | 1695       | 6.2        | 0.4        |
| 94 177921@23. asc | 1695       | 8.1        | 0.5        |
| 98 IV46-12R       | 1695       | 10.37      | 0.22       |
| 52 BBF-29-23      | 1695.67284 | 6.13990798 | 0.54474613 |
| 52 BBF-29-23      | 1695.67284 | 6.13990798 | 0.54474613 |
| 51 CS12-25-23     | 1695.95505 | 7.55827247 | 0.6747508  |
| 51 CS12-25-23     | 1695.95505 | 7.55827247 | 0.6747508  |
| 123               | 1696       | 8.71711088 | 0.12834405 |
| 51 CS11-19-46b    | 1696.70383 | 4.64967018 | 0.3408835  |
| 51 CS11-19-46b    | 1696.70383 | 4.64967018 | 0.3408835  |
| 35 07LSC6_36.1    | 1697       | 4.7        | 0.3        |
| 35 07LSC6_36.1    | 1697       | 4.7        | 0.3        |
| 106 10GD49-32     | 1697       | 5.6        | 0.29       |
| 123               | 1698       | 9.14       | 0.0880851  |
| 98 IV63-11R       | 1699       | 9.22       | 0.33       |
| 51 BBF-11-96      | 1700.59339 | 7.17415725 | 0.68259216 |
| 51 BBF-11-96      | 1700.59339 | 7.17415725 | 0.68259216 |
| 10 2436-37b       | 1701       | 8.9        | 0.4        |
| 10 2436-37b       | 1701       | 8.9        | 0.4        |
| 123               | 1701       | 8.40239427 | 0.11680283 |
| 51 CS11-18-11     | 1701.00626 | 5.18895859 | 0.51261009 |
| 51 CS11-18-11     | 1701.00626 | 5.18895859 | 0.51261009 |
| 51 CS12-25-29     | 1701.2489  | 5.08043079 | 0.41916554 |
| 51 CS12-25-29     | 1701.2489  | 5.08043079 | 0.41916554 |
| 35 07LSC3_1       | 1702       | 5.1        | 0.4        |
| 35 07LSC3_1       | 1702       | 5.1        | 0.4        |
| 35 07LSC6_5.1     | 1702       | 6.8        | 0.4        |
| 35 07LSC6_5.1     | 1702       | 6.8        | 0.4        |
| 59 M0-1266        | 1702       | 7.7        | 0.1        |
| 59 M0-1266        | 1702       | 7.7        | 0.1        |
| 94 177921@9. asc  | 1702       | 10.4       | 0.7        |
| 51 CS12-25-34     | 1702.15624 | 4.86507333 | 0.45073516 |
| 51 CS12-25-34     | 1702.15624 | 4.86507333 | 0.45073516 |
| 51 CS11-18-13     | 1703.72497 | 7.94743527 | 0.60313944 |
| 51 CS11-18-13     | 1703.72497 | 7.94743527 | 0.60313944 |
| 37 07SC65@96      | 1706       | 6.11       | 0.36       |
| 37 07SC65@96      | 1706       | 6.11       | 0.36       |

|                   |  |             |             |             |
|-------------------|--|-------------|-------------|-------------|
| 123               |  | 1706        | 7. 80500175 | 0. 12571416 |
| 51 CS12-25-54     |  | 1706. 24876 | 6. 74872507 | 0. 63329726 |
| 51 CS12-25-54     |  | 1706. 24876 | 6. 74872507 | 0. 63329726 |
| 51 CS11-20-53     |  | 1706. 95673 | 4. 32403356 | 0. 40087432 |
| 51 CS11-20-53     |  | 1706. 95673 | 4. 32403356 | 0. 40087432 |
| 37 07SC65@39      |  | 1707        | 5. 62       | 0. 36       |
| 37 07SC65@39      |  | 1707        | 5. 62       | 0. 36       |
| 94 177921@14. asc |  | 1708        | 8. 2        | 0. 5        |
| 51 CS11-19-50     |  | 1708. 75106 | 3. 58093211 | 0. 3463697  |
| 51 CS11-19-50     |  | 1708. 75106 | 3. 58093211 | 0. 3463697  |
| 35 07LSC3_42      |  | 1709        | 4. 3        | 0. 3        |
| 35 07LSC3_42      |  | 1709        | 4. 3        | 0. 3        |
| 123               |  | 1709        | 8. 86474339 | 0. 12542061 |
| 51 CS11-6_32      |  | 1709. 84968 | 6. 22366415 | 0. 24719582 |
| 51 CS11-6_32      |  | 1709. 84968 | 6. 22366415 | 0. 24719582 |
| 123               |  | 1711        | 8. 31710656 | 0. 13607946 |
| 51 CS12-25-19     |  | 1711. 89691 | 3. 39182084 | 0. 27720768 |
| 51 CS12-25-19     |  | 1711. 89691 | 3. 39182084 | 0. 27720768 |
| 123               |  | 1713        | 9. 28151657 | 0. 10111095 |
| 35 07LSC3_30. 1   |  | 1714        | 9. 5        | 0. 4        |
| 35 07LSC3_30. 1   |  | 1714        | 9. 5        | 0. 4        |
| 37 07SC65@3       |  | 1714        | 9. 96       | 0. 36       |
| 37 07SC65@3       |  | 1714        | 9. 96       | 0. 36       |
| 51 CS11-18-50     |  | 1715. 47254 | 7. 6867925  | 0. 80386343 |
| 51 CS11-18-50     |  | 1715. 47254 | 7. 6867925  | 0. 80386343 |
| 51 BBF-11-75      |  | 1718. 15945 | 9. 52591925 | 0. 72917212 |
| 51 BBF-11-75      |  | 1718. 15945 | 9. 52591925 | 0. 72917212 |
| 38 23C            |  | 1720        | 4. 8        |             |
| 38 23C            |  | 1720        | 4. 8        |             |
| 102 DC0931        |  | 1720        | 5. 95       | 0. 15       |
| 51 CS11-18-40     |  | 1722. 78942 | 7. 24701384 | 0. 72608277 |
| 51 CS11-18-40     |  | 1722. 78942 | 7. 24701384 | 0. 72608277 |
| 35 07LSC3_46. 1   |  | 1723        | 6. 6        | 0. 6        |
| 35 07LSC3_46. 1   |  | 1723        | 6. 6        | 0. 6        |
| 51 CS11-6_12      |  | 1724. 04889 | 11. 0717783 | 0. 24391636 |
| 51 CS11-6_12      |  | 1724. 04889 | 11. 0717783 | 0. 24391636 |
| 51 BBF-11-94      |  | 1724. 79696 | 8. 85785756 | 0. 67855209 |
| 51 BBF-11-94      |  | 1724. 79696 | 8. 85785756 | 0. 67855209 |
| 35 07LSC6_21. 1   |  | 1725        | 5. 8        | 0. 3        |
| 35 07LSC6_21. 1   |  | 1725        | 5. 8        | 0. 3        |
| 35 07LSC5_2. 1    |  | 1725        | 9. 2        | 0. 3        |
| 35 07LSC5_2. 1    |  | 1725        | 9. 2        | 0. 3        |
| 35 07LSC5_17. 1   |  | 1727        | 7. 6        | 0. 3        |
| 35 07LSC5_17. 1   |  | 1727        | 7. 6        | 0. 3        |
| 35 CJS 99-J5_18.  |  | 1727        | 7. 6        | 0. 4        |



|                  |            |            |            |
|------------------|------------|------------|------------|
| 35 CJS 99-J5_18. | 1727       | 7.6        | 0.4        |
| 37 07SC51-1@36   | 1727       | 8.62       | 0.34       |
| 37 07SC51-1@36   | 1727       | 8.62       | 0.34       |
| 51 CS12-25-26    | 1727.88803 | 3.49580325 | 0.22442413 |
| 51 CS12-25-26    | 1727.88803 | 3.49580325 | 0.22442413 |
| 19 08LL04 54     | 1728       | 5.76       | 0.28       |
| 19 08LL04 54     | 1728       | 5.76       | 0.28       |
| 123              | 1728       | 7.96428759 | 0.10973258 |
| 35 07LSC6_52.2   | 1730       | 3.6        | 0.4        |
| 35 07LSC6_52.2   | 1730       | 3.6        | 0.4        |
| 59 MO-1087       | 1730       | 8.4        | 0.4        |
| 59 MO-1087       | 1730       | 8.4        | 0.4        |
| 51 BBF-11-102    | 1730.40298 | 8.37577946 | 0.74067986 |
| 51 BBF-11-102    | 1730.40298 | 8.37577946 | 0.74067986 |
| 52 BBF-29-58     | 1731.61144 | 6.40077459 | 0.47446817 |
| 52 BBF-29-58     | 1731.61144 | 6.40077459 | 0.47446817 |
| 119 28.1         | 1733       | 6          | 0.5212     |
| 51 CS11-18-34    | 1733.00256 | 8.73567731 | 1.0767349  |
| 51 CS11-18-34    | 1733.00256 | 8.73567731 | 1.0767349  |
| 35 07LSC3_37.1   | 1734       | 8.1        | 0.4        |
| 35 07LSC3_37.1   | 1734       | 8.1        | 0.4        |
| 51 BBF-11-67     | 1736.40914 | 8.72816361 | 0.7653088  |
| 51 BBF-11-67     | 1736.40914 | 8.72816361 | 0.7653088  |
| 51 CS11-13_32    | 1737.06031 | 5.65154565 | 0.21156085 |
| 51 CS11-13_32    | 1737.06031 | 5.65154565 | 0.21156085 |
| 51 CS11-1-40     | 1737.49391 | 8.44825908 | 0.77644992 |
| 51 CS11-1-40     | 1737.49391 | 8.44825908 | 0.77644992 |
| 35 07LSC5_33.1   | 1738       | 6.1        | 0.3        |
| 35 07LSC5_33.1   | 1738       | 6.1        | 0.3        |
| 65 BB-86 2       | 1738       | 7.31       | 0.16       |
| 65 BB-86 2       | 1738       | 7.31       | 0.16       |
| 35 07LSC3_10.1   | 1739       | 6.2        | 0.2        |
| 35 07LSC3_10.1   | 1739       | 6.2        | 0.2        |
| 123              | 1739       | 8.19       | 0.09306139 |
| 59 MO-1002       | 1740       | 8.3        | 0.2        |
| 59 MO-1002       | 1740       | 8.3        | 0.2        |
| 30 n2539-rpt-b6: | 1741       | 5.36       | 0.3        |
| 30 n2539-rpt-b6: | 1741       | 5.36       | 0.3        |
| 37 07SC49@08     | 1741       | 9.99       | 0.23       |
| 37 07SC49@08     | 1741       | 9.99       | 0.23       |
| 102 DC0936       | 1741       | 7.55       | 0.2        |
| 119 25.1         | 1742       | 6          | 0.4989     |
| 51 BBF-11-84     | 1742.46278 | 5.16188561 | 0.37604677 |
| 51 BBF-11-84     | 1742.46278 | 5.16188561 | 0.37604677 |
| 51 CS11-1-7      | 1742.60999 | 6.14428946 | 0.50310551 |

|                |            |            |            |        |
|----------------|------------|------------|------------|--------|
| 51 CS11-1-7    | 1742.60999 | 6.14428946 | 0.50310551 |        |
| 35 07LSC3_52   | 1743       | 5.8        | 0.3        |        |
| 35 07LSC3_52   | 1743       | 5.8        | 0.3        |        |
| 51 CS11-6_07   | 1743.16929 | 10.6083372 | 0.23524383 |        |
| 51 CS11-6_07   | 1743.16929 | 10.6083372 | 0.23524383 |        |
| 35 07LSC3_32.1 | 1745       | 5.9        | 0.6        |        |
| 35 07LSC3_32.1 | 1745       | 5.9        | 0.6        |        |
| 51 CS11-20-11  | 1745.13164 | 6.9192865  | 0.77507024 |        |
| 51 CS11-20-11  | 1745.13164 | 6.9192865  | 0.77507024 |        |
| 123            | 1746.72439 | 6.53       | 0.08864974 |        |
| 35 07LSC5_39.1 | 1747       | 4.4        | 0.5        |        |
| 35 07LSC5_39.1 | 1747       | 4.4        | 0.5        |        |
| 123            | 1747       | 8.44       | 0.06904336 |        |
| 51 CS12-25-4   | 1748.44517 | 6.2746205  | 0.47293758 |        |
| 51 CS12-25-4   | 1748.44517 | 6.2746205  | 0.47293758 |        |
| 51 CS12-25-8   | 1748.9756  | 6.24621174 | 0.3762748  |        |
| 51 CS12-25-8   | 1748.9756  | 6.24621174 | 0.3762748  |        |
| 123            | 1749       | 7.45678844 | 0.09762561 |        |
| 60 vgt-077     | 1750       | 5.1        | 0.2        |        |
| 60 vgt-077     | 1750       | 5.1        | 0.2        |        |
| 35 07LSC6_55.1 | 1751       | 4.1        | 0.2        |        |
| 35 07LSC6_55.1 | 1751       | 4.1        | 0.2        |        |
| 51 CS11-20-7   | 1752.3461  | 7.59369534 | 0.65837165 |        |
| 51 CS11-20-7   | 1752.3461  | 7.59369534 | 0.65837165 |        |
| 102 DC1001     | 1753       | 4.31       | 0.1        |        |
| 119            | 8.1        | 1753       | 5          | 0.4031 |
| 123            | 1753       | 9.02783742 | 0.12625404 |        |
| 123            | 1754       | 7.2        | 0.11507171 |        |
| 51 CS12-23-39  | 1754.62848 | 2.91200441 | 0.24531405 |        |
| 51 CS12-23-39  | 1754.62848 | 2.91200441 | 0.24531405 |        |
| 51 CS12-23-15  | 1754.65421 | 5.64379238 | 0.4226819  |        |
| 51 CS12-23-15  | 1754.65421 | 5.64379238 | 0.4226819  |        |
| 35 07LSC3_31.1 | 1755       | 5.4        | 0.5        |        |
| 35 07LSC3_31.1 | 1755       | 5.4        | 0.5        |        |
| 98 IV63-19MR   | 1755       | 10.12      | 0.24       |        |
| 98 IV63-6R     | 1756       | 9.92       | 0.21       |        |
| 119            | 4.1        | 1756       | 8          | 0.5389 |
| 98 IV22-80     | 1757       | 9.17       | 0.46       |        |
| 60 p11-149     | 1758       | 5.1        | 0.3        |        |
| 60 p11-149     | 1758       | 5.1        | 0.3        |        |
| 60 VGt-547     | 1758       | 6.5        | 0.4        |        |
| 60 VGt-547     | 1758       | 6.5        | 0.4        |        |
| 59 M0-912      | 1759       | 6          | 0.4        |        |
| 59 M0-912      | 1759       | 6          | 0.4        |        |
| 98 IV22-20R    | 1759       | 5.83       | 0.13       |        |

|     |               |             |             |             |
|-----|---------------|-------------|-------------|-------------|
| 119 | 24. 1         | 1759        | 4           | 0. 5214     |
| 35  | 07LSC3_1. 1   | 1760        | 3. 7        | 0. 2        |
| 35  | 07LSC3_1. 1   | 1760        | 3. 7        | 0. 2        |
| 56  | VS87-14       | 1760        | 5. 15       |             |
| 56  | VS87-14       | 1760        | 5. 15       |             |
| 106 | 10GD48-37     | 1760        | 4. 54       | 0. 22       |
| 51  | CS11-20-17    | 1761. 58436 | 4. 74702686 | 0. 34566935 |
| 51  | CS11-20-17    | 1761. 58436 | 4. 74702686 | 0. 34566935 |
| 35  | 07LSC5_61. 1  | 1762        | 7           | 0. 3        |
| 35  | 07LSC5_61. 1  | 1762        | 7           | 0. 3        |
| 98  | IV67-3. 1IR   | 1762        | 8. 77       | 0. 35       |
| 51  | CS12-23-30    | 1762. 11572 | 7. 00494673 | 0. 61386539 |
| 51  | CS12-23-30    | 1762. 11572 | 7. 00494673 | 0. 61386539 |
| 51  | CS12-25-10    | 1762. 23361 | 6. 65160827 | 0. 52528991 |
| 51  | CS12-25-10    | 1762. 23361 | 6. 65160827 | 0. 52528991 |
| 94  | 177921@7. asc | 1763        | 11. 0       | 0. 7        |
| 123 |               | 1763        | 6. 8        | 0. 09183388 |
| 51  | CS12-24-29    | 1764. 22366 | 7. 43215163 | 0. 54329454 |
| 51  | CS12-24-29    | 1764. 22366 | 7. 43215163 | 0. 54329454 |
| 51  | CS11-13_72    | 1764. 45218 | 5. 76606097 | 0. 22446199 |
| 51  | CS11-13_72    | 1764. 45218 | 5. 76606097 | 0. 22446199 |
| 51  | CS11-20-28    | 1764. 50587 | 7. 24152522 | 0. 65992165 |
| 51  | CS11-20-28    | 1764. 50587 | 7. 24152522 | 0. 65992165 |
| 98  | IV63-15R      | 1765        | 9. 8        | 0. 33       |
| 18  | CNG2-anu-zrn- | 1765. 69872 | 7. 10443746 | 0. 59099829 |
| 18  | CNG2-anu-zrn- | 1765. 69872 | 7. 10443746 | 0. 59099829 |
| 59  | MO-1362       | 1766        | 4. 7        | 0. 1        |
| 59  | MO-1362       | 1766        | 4. 7        | 0. 1        |
| 35  | 07LSC5_36. 1  | 1767        | 5. 7        | 0. 2        |
| 35  | 07LSC5_36. 1  | 1767        | 5. 7        | 0. 2        |
| 98  | IV67-12C      | 1767        | 8. 87       | 0. 31       |
| 123 |               | 1767        | 9. 09671324 | 0. 11723649 |
| 51  | CS11-1-2      | 1767. 79607 | 4. 01149096 | 0. 34868473 |
| 51  | CS11-1-2      | 1767. 79607 | 4. 01149096 | 0. 34868473 |
| 60  | VGt-518       | 1768        | 6           | 0. 3        |
| 60  | VGt-518       | 1768        | 6           | 0. 3        |
| 51  | CS11-6_42     | 1768. 11808 | 7. 46234305 | 0. 24051431 |
| 51  | CS11-6_42     | 1768. 11808 | 7. 46234305 | 0. 24051431 |
| 51  | CS12-17-55    | 1768. 72087 | 6. 11223838 | 0. 51263565 |
| 51  | CS12-17-55    | 1768. 72087 | 6. 11223838 | 0. 51263565 |
| 65  | BB-86 7       | 1769        | 6. 34       | 0. 37       |
| 65  | BB-86 7       | 1769        | 6. 34       | 0. 37       |
| 98  | IV22-12R      | 1769        | 8. 61       | 0. 4        |
| 102 | DC0930        | 1769        | 9. 35       | 0. 53       |
| 123 |               | 1769. 79335 | 9. 75       | 0. 1        |

|                |      |            |            |            |
|----------------|------|------------|------------|------------|
| 123            |      | 1770       | 7.2        | 0.12228824 |
| 51 CS11-6_27   |      | 1770.09661 | 7.093492   | 0.23850734 |
| 51 CS11-6_27   |      | 1770.09661 | 7.093492   | 0.23850734 |
| 51 CS12-25-41  |      | 1770.92279 | 4.25593374 | 0.32266932 |
| 51 CS12-25-41  |      | 1770.92279 | 4.25593374 | 0.32266932 |
| 35 07LSC5_14.1 |      | 1772       | 6          | 0.3        |
| 35 07LSC5_14.1 |      | 1772       | 6          | 0.3        |
| 60 VGt-182     |      | 1772       | 7          | 0.6        |
| 60 VGt-182     |      | 1772       | 7          | 0.6        |
| 106 10GD49-95  |      | 1772       | 8          | 0.25       |
| 52 BBF-29-11   |      | 1772.20227 | 8.46862038 | 1.13414278 |
| 52 BBF-29-11   |      | 1772.20227 | 8.46862038 | 1.13414278 |
| 51 CS12-23-51  |      | 1773.60199 | 5.66583587 | 0.65795688 |
| 51 CS12-23-51  |      | 1773.60199 | 5.66583587 | 0.65795688 |
| 35 07LSC6_17.1 |      | 1775       | 6          | 0.2        |
| 35 07LSC6_17.1 |      | 1775       | 6          | 0.2        |
| 61 08SC74-12   |      | 1775       | 7.7        | 0.25       |
| 61 08SC74-12   |      | 1775       | 7.7        | 0.25       |
| 98 IV46-16C    |      | 1775       | 8.34       | 0.26       |
| 35 07LSC6_8.1  |      | 1776       | 5.5        | 0.3        |
| 35 07LSC6_8.1  |      | 1776       | 5.5        | 0.3        |
| 35 07LSC6_43.1 |      | 1776       | 6.6        | 0.2        |
| 35 07LSC6_43.1 |      | 1776       | 6.6        | 0.2        |
| 51 CS12-25-3   |      | 1776.12726 | 6.28529045 | 0.56855064 |
| 51 CS12-25-3   |      | 1776.12726 | 6.28529045 | 0.56855064 |
| 51 CS12-24-8   |      | 1777.72351 | 5.72516194 | 0.65242753 |
| 51 CS12-24-8   |      | 1777.72351 | 5.72516194 | 0.65242753 |
| 58 DDH 508-366 |      | 1778       | 8.5        |            |
| 58 DDH 508-366 |      | 1778       | 8.5        |            |
| 51 CS11-19-48b |      | 1778.74388 | 6.43039578 | 0.71406425 |
| 51 CS11-19-48b |      | 1778.74388 | 6.43039578 | 0.71406425 |
| 119            | 29.1 | 1779       | 6          | 0.3429     |
| 123            |      | 1779       | 7.1        | 0.09466189 |
| 123            |      | 1779       | 8.39137202 | 0.12960477 |
| 59 MO-1008     |      | 1780       | 9.1        | 0.3        |
| 59 MO-1008     |      | 1780       | 9.1        | 0.3        |
| 123            |      | 1781       | 9.27703352 | 0.09927399 |
| 52 BBF-29-41   |      | 1781.00465 | 7.91199228 | 0.75645261 |
| 52 BBF-29-41   |      | 1781.00465 | 7.91199228 | 0.75645261 |
| 123            |      | 1781.06226 | 9.2        | 0.1501058  |
| 123            |      | 1782       | 5.9        | 0.08209093 |
| 123            |      | 1783       | 6.73543978 | 0.10582275 |
| 123            |      | 1783       | 8.70967219 | 0.1119688  |
| 123            |      | 1783       | 9.1        | 0.0858499  |
| 51 CS12-24-3   |      | 1783.29411 | 4.29484664 | 0.39429116 |

|                 |            |            |            |
|-----------------|------------|------------|------------|
| 51 CS12-24-3    | 1783.29411 | 4.29484664 | 0.39429116 |
| 51 CS12-23-54   | 1783.45812 | 4.88285416 | 0.49715507 |
| 51 CS12-23-54   | 1783.45812 | 4.88285416 | 0.49715507 |
| 51 CS12-17-56   | 1783.60571 | 4.03743171 | 0.35455052 |
| 51 CS12-17-56   | 1783.60571 | 4.03743171 | 0.35455052 |
| 51 CS12-23-23   | 1783.91724 | 3.92934197 | 0.32356944 |
| 51 CS12-23-23   | 1783.91724 | 3.92934197 | 0.32356944 |
| 51 CS12-25-32   | 1783.94634 | 8.08084197 | 0.5706614  |
| 51 CS12-25-32   | 1783.94634 | 8.08084197 | 0.5706614  |
| 60 VGt-438      | 1784       | 4.8        | 0.4        |
| 60 VGt-438      | 1784       | 4.8        | 0.4        |
| 60 VGt-552      | 1784       | 5.9        | 0.4        |
| 60 VGt-552      | 1784       | 5.9        | 0.4        |
| 123             | 1784       | 7.74       | 0.09264968 |
| 51 CS11-20-9    | 1784.21415 | 5.669163   | 0.45878985 |
| 51 CS11-20-9    | 1784.21415 | 5.669163   | 0.45878985 |
| 51 BBF-11-73b   | 1784.65483 | 4.33066078 | 0.37548935 |
| 51 BBF-11-73b   | 1784.65483 | 4.33066078 | 0.37548935 |
| 98 IV22-10C     | 1785       | 7.15       | 0.46       |
| 123             | 1785.09028 | 7.59       | 0.09971434 |
| 123             | 1786.91882 | 7.9        | 0.15473747 |
| 123             | 1787       | 7          | 0.10007777 |
| 123             | 1787.0614  | 7.7        | 0.18832716 |
| 10 2436-37a     | 1788       | 8.6        | 0.4        |
| 10 2436-37a     | 1788       | 8.6        | 0.4        |
| 35 07LSC3_26.1  | 1788       | 5.1        | 0.4        |
| 35 07LSC3_26.1  | 1788       | 5.1        | 0.4        |
| 35 07LSC5_12    | 1788       | 7.3        | 0.4        |
| 35 07LSC5_12    | 1788       | 7.3        | 0.4        |
| 118 AGQ13-08@59 | 1788       | 7.11       | 0.31       |
| 123             | 1788       | 7.9        | 0.12098112 |
| 123             | 1788.0239  | 9.12       | 0.10262118 |
| 52 BBF-29-59    | 1788.20651 | 4.19450257 | 0.30338958 |
| 52 BBF-29-59    | 1788.20651 | 4.19450257 | 0.30338958 |
| 35 07LSC3_50.1  | 1789       | 5.2        | 0.2        |
| 35 07LSC3_50.1  | 1789       | 5.2        | 0.2        |
| 123             | 1789       | 7.3        | 0.10991517 |
| 123             | 1789.25115 | 6.6        | 0.0871861  |
| 35 07LSC7_8.1   | 1790       | 5.5        | 0.2        |
| 35 07LSC7_8.1   | 1790       | 5.5        | 0.2        |
| 61 08SC74-62    | 1790       | 5.5        | 0.23       |
| 61 08SC74-62    | 1790       | 5.5        | 0.23       |
| 98 IV46-11C     | 1790       | 7.52       | 0.22       |
| 123             | 1790       | 6.43       | 0.0946707  |
| 123             | 1790       | 8          | 0.14413267 |

|                 |            |            |            |
|-----------------|------------|------------|------------|
| 123             | 1790       | 10.2801739 | 0.13128171 |
| 51 CS12-24-53   | 1790.44446 | 5.38608299 | 0.42074363 |
| 51 CS12-24-53   | 1790.44446 | 5.38608299 | 0.42074363 |
| 52 BBF-29-22    | 1790.61658 | 4.1404693  | 0.3055002  |
| 52 BBF-29-22    | 1790.61658 | 4.1404693  | 0.3055002  |
| 123             | 1790.96264 | 7.2        | 0.06713399 |
| 35 07LSC3_      | 1791       | -2.1       | 0.2        |
| 35 07LSC3_      | 1791       | -2.1       | 0.2        |
| 35 07LSC3_56.1  | 1791       | 6.1        | 0.4        |
| 35 07LSC3_56.1  | 1791       | 6.1        | 0.4        |
| 37 07SC65@6     | 1791       | 8.49       | 0.33       |
| 37 07SC65@6     | 1791       | 8.49       | 0.33       |
| 60 sey-62       | 1791       | 5.2        | 0.6        |
| 60 sey-62       | 1791       | 5.2        | 0.6        |
| 51 BBF-11-98    | 1791.69681 | 9.78701691 | 0.87017073 |
| 51 BBF-11-98    | 1791.69681 | 9.78701691 | 0.87017073 |
| 51 CS12-25-36   | 1791.83128 | 4.70627399 | 0.39000871 |
| 51 CS12-25-36   | 1791.83128 | 4.70627399 | 0.39000871 |
| 98 IV63-11C     | 1792       | 7.05       | 0.21       |
| 123             | 1792       | 7.2        | 0.07883452 |
| 51 BBF-11-87    | 1792.22261 | 5.6479681  | 0.50391176 |
| 51 BBF-11-87    | 1792.22261 | 5.6479681  | 0.50391176 |
| 51 CS11-19-40   | 1792.28783 | 7.86684828 | 0.55627116 |
| 51 CS11-19-40   | 1792.28783 | 7.86684828 | 0.55627116 |
| 123             | 1792.31603 | 7.6        | 0.13386595 |
| 123             | 1792.35223 | 6.78       | 0.07915678 |
| 10 2641-38      | 1793       | 7.5        | 0.6        |
| 10 2641-38      | 1793       | 7.5        | 0.6        |
| 118 WFS13-01@67 | 1793       | 7.37       | 0.18       |
| 35 07LSC12_29.1 | 1794       | 6.7        | 0.4        |
| 35 07LSC12_29.1 | 1794       | 6.7        | 0.4        |
| 98 IV63-3C      | 1794       | 8.5        | 0.3        |
| 51 CS11-19-19   | 1794.30801 | 4.75560956 | 0.42821028 |
| 51 CS11-19-19   | 1794.30801 | 4.75560956 | 0.42821028 |
| 51 CS11-20-12   | 1794.30801 | 5.06832966 | 0.51896432 |
| 51 CS11-20-12   | 1794.30801 | 5.06832966 | 0.51896432 |
| 123             | 1794.44377 | 7.8        | 0.21918322 |
| 52 BBF-29-69    | 1794.71157 | 7.87091897 | 0.75540194 |
| 52 BBF-29-69    | 1794.71157 | 7.87091897 | 0.75540194 |
| 35 07LSC6_45.1  | 1795       | 5.2        | 0.4        |
| 35 07LSC6_45.1  | 1795       | 5.2        | 0.4        |
| 59 M0-1016      | 1795       | 4.9        | 0.3        |
| 59 M0-1016      | 1795       | 4.9        | 0.3        |
| 65 BB-86 9      | 1795       | 5.86       | 0.26       |
| 65 BB-86 9      | 1795       | 5.86       | 0.26       |

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|-------------------|------------|------------|------------|
| 118 WFS13-01@55   | 1795       | 6.15       | 0.31       |
| 51 CS12-17-53     | 1795.08928 | 4.26892859 | 0.39836075 |
| 51 CS12-17-53     | 1795.08928 | 4.26892859 | 0.39836075 |
| 52 BBF-29-14      | 1795.44723 | 5.42063603 | 0.50236765 |
| 52 BBF-29-14      | 1795.44723 | 5.42063603 | 0.50236765 |
| 51 CS12-17-30d    | 1796.19538 | 5.33385993 | 0.43119158 |
| 51 CS12-17-30d    | 1796.19538 | 5.33385993 | 0.43119158 |
| 52 BBF-29-80      | 1796.2279  | 3.96266208 | 0.36963553 |
| 52 BBF-29-80      | 1796.2279  | 3.96266208 | 0.36963553 |
| 123               | 1797       | 7.47190911 | 0.11711429 |
| 123               | 1798       | 7.68342711 | 0.15174916 |
| 51 CS12-23-25     | 1798.03711 | 7.72853484 | 0.67361417 |
| 51 CS12-23-25     | 1798.03711 | 7.72853484 | 0.67361417 |
| 51 CS12-23-46     | 1800.43323 | 4.38334777 | 0.38988924 |
| 51 CS12-23-46     | 1800.43323 | 4.38334777 | 0.38988924 |
| 51 CS11-1-37      | 1800.64399 | 5.12731031 | 0.29731074 |
| 51 CS11-1-37      | 1800.64399 | 5.12731031 | 0.29731074 |
| 60 vgt-129        | 1801       | 6.8        | 0.2        |
| 60 vgt-129        | 1801       | 6.8        | 0.2        |
| 94 177921@22. asc | 1801       | 8.3        | 0.5        |
| 98 IV46-4C        | 1801       | 6.35       | 0.21       |
| 123               | 1801       | 7.41003278 | 0.16333464 |
| 123               | 1801       | 7.97       | 0.08472571 |
| 60 VGt-321        | 1802       | 3.8        | 0.4        |
| 60 VGt-321        | 1802       | 3.8        | 0.4        |
| 60 VGt-468        | 1802       | 4.7        | 0.4        |
| 60 VGt-468        | 1802       | 4.7        | 0.4        |
| 123               | 1802       | 9.4        | 0.16204864 |
| 51 CS12-25-11     | 1802.47477 | 6.72631708 | 0.4820163  |
| 51 CS12-25-11     | 1802.47477 | 6.72631708 | 0.4820163  |
| 123               | 1802.72899 | 6.19       | 0.09911613 |
| 123               | 1803       | 7.52       | 0.07081445 |
| 123               | 1803       | 9.2        | 0.09       |
| 51 CS11-18-59     | 1803.28412 | 5.55629243 | 0.53031116 |
| 51 CS11-18-59     | 1803.28412 | 5.55629243 | 0.53031116 |
| 118 WFS13-01@32   | 1804       | 6.74       | 0.36       |
| 118 AGQ13-08@71   | 1804       | 7          | 0.36       |
| 119 44.1          | 1804       | 7          | 0.5702     |
| 123               | 1804.15577 | 8          | 0.21957288 |
| 123               | 1804.5358  | 7.6        | 0.2401753  |
| 51 CS12-24-10     | 1804.59523 | 9.49011847 | 0.80164969 |
| 51 CS12-24-10     | 1804.59523 | 9.49011847 | 0.80164969 |
| 51 CS12-23-56     | 1804.77972 | 5.54245832 | 0.62115983 |
| 51 CS12-23-56     | 1804.77972 | 5.54245832 | 0.62115983 |
| 94 177921@13. asc | 1805       | 8.1        | 0.5        |

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| 123              | 1805       | 6.55572503 | 0.0687527  |
| 123              | 1805       | 10.47      | 0.09467508 |
| 51 BBF-11-97     | 1805.3056  | 5.36619341 | 0.40290862 |
| 51 BBF-11-97     | 1805.3056  | 5.36619341 | 0.40290862 |
| 35 07LSC5_56.1   | 1806       | 6.8        | 0.2        |
| 35 07LSC5_56.1   | 1806       | 6.8        | 0.2        |
| 56 Z2033         | 1806       | 7.84       |            |
| 56 Z2033         | 1806       | 7.84       |            |
| 60 VGt-525       | 1806       | 2.4        | 0.5        |
| 60 VGt-525       | 1806       | 2.4        | 0.5        |
| 118 WFS13-01@56  | 1806       | 6.13       | 0.34       |
| 118 AGQ13-08@109 | 1806       | 6.23       | 0.17       |
| 123              | 1806.14892 | 7.2        | 0.15088396 |
| 51 CS12-24-11    | 1806.61404 | 7.36214326 | 0.6707672  |
| 51 CS12-24-11    | 1806.61404 | 7.36214326 | 0.6707672  |
| 51 CS11-19-42    | 1806.68003 | 6.67180321 | 0.53075357 |
| 51 CS11-19-42    | 1806.68003 | 6.67180321 | 0.53075357 |
| 98 IV46-6D       | 1807       | 6.38       | 0.21       |
| 98 IV22-15C      | 1807       | 9.22       | 0.4        |
| 123              | 1807.03744 | 7.56       | 0.12536232 |
| 51 CS11-18-14    | 1807.08491 | 7.08203699 | 0.67199831 |
| 51 CS11-18-14    | 1807.08491 | 7.08203699 | 0.67199831 |
| 123              | 1807.22306 | 7          | 0.29829268 |
| 52 BBF-29-20     | 1807.35582 | 8.64497047 | 0.70894634 |
| 52 BBF-29-20     | 1807.35582 | 8.64497047 | 0.70894634 |
| 60 VGt-260       | 1808       | 6.7        | 0.6        |
| 60 VGt-260       | 1808       | 6.7        | 0.6        |
| 98 IV63-2R       | 1808       | 9.51       | 0.3        |
| 123              | 1808       | 6.6        | 0.108679   |
| 123              | 1808       | 7          | 0.08756094 |
| 51 CS11-20-34    | 1808.37298 | 5.15467632 | 0.39758243 |
| 51 CS11-20-34    | 1808.37298 | 5.15467632 | 0.39758243 |
| 51 CS12-23-19    | 1808.53424 | 6.94555594 | 0.46066288 |
| 51 CS12-23-19    | 1808.53424 | 6.94555594 | 0.46066288 |
| 51 CS12-23-16    | 1808.82677 | 8.63841043 | 0.83971907 |
| 51 CS12-23-16    | 1808.82677 | 8.63841043 | 0.83971907 |
| 123              | 1810.02433 | 7.5        | 0.2292139  |
| 51 BBF-11-40     | 1810.64521 | 5.17707424 | 0.48674551 |
| 51 BBF-11-40     | 1810.64521 | 5.17707424 | 0.48674551 |
| 51 CS12-23-49    | 1811.2087  | 6.08709329 | 0.59309517 |
| 51 CS12-23-49    | 1811.2087  | 6.08709329 | 0.59309517 |
| 51 CS12-24-16    | 1811.77198 | 12.4150985 | 1.07694057 |
| 51 CS12-24-16    | 1811.77198 | 12.4150985 | 1.07694057 |
| 37 07SC65@57     | 1812       | 6.69       | 0.28       |
| 37 07SC65@57     | 1812       | 6.69       | 0.28       |



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| 118 WFS13-01@100  | 1812       | 8.14       | 0.38       |
| 35 2CJS 99-J5_8.  | 1814       | 5.1        | 0.4        |
| 35 2CJS 99-J5_8.  | 1814       | 5.1        | 0.4        |
| 35 07LSC10_32.1   | 1814       | 6.8        | 0.5        |
| 35 07LSC10_32.1   | 1814       | 6.8        | 0.5        |
| 118 WFS13-01@60   | 1814       | 6.19       | 0.35       |
| 118 WFS13-01@71   | 1814       | 7.89       | 0.35       |
| 118 WFS13-01@19   | 1815       | 6.04       | 0.23       |
| 51 CS11-6_03      | 1815.0064  | 6.51494137 | 0.22689927 |
| 51 CS11-6_03      | 1815.0064  | 6.51494137 | 0.22689927 |
| 98 IV22-6C        | 1816       | 5.15       | 0.3        |
| 102 DC1131        | 1816       | 5.27       | 0.2        |
| 52 BBF-29-6       | 1816.79608 | 6.98802203 | 0.69582376 |
| 52 BBF-29-6       | 1816.79608 | 6.98802203 | 0.69582376 |
| 35 07LSC12_34.1   | 1817       | 7.5        | 0.4        |
| 35 07LSC12_34.1   | 1817       | 7.5        | 0.4        |
| 20 BB6.3          | 1818       | 5.1        | 0.6        |
| 20 BB6.3          | 1818       | 5.1        | 0.6        |
| 20 BB6.3          | 1818       | 5.1        | 0.6        |
| 123               | 1818       | 5.95915408 | 0.11826897 |
| 37 07SC51-1@86    | 1819       | 5.9        | 0.34       |
| 37 07SC51-1@86    | 1819       | 5.9        | 0.34       |
| 37 07SC51-1@81    | 1819       | 8.66       | 0.18       |
| 37 07SC51-1@81    | 1819       | 8.66       | 0.18       |
| 56 HUD85-1        | 1819       | 5.62       |            |
| 56 HUD85-1        | 1819       | 5.62       |            |
| 94 177921@15. asc | 1819       | 7.9        | 0.5        |
| 98 IV67-8C        | 1819       | 7.74       | 0.37       |
| 102 DC1132        | 1819       | 5.13       | 0.09       |
| 52 BBF-29-7       | 1819.77959 | 5.52227022 | 0.47710809 |
| 52 BBF-29-7       | 1819.77959 | 5.52227022 | 0.47710809 |
| 51 CS11-18-9      | 1819.81159 | 5.61016562 | 0.53516593 |
| 51 CS11-18-9      | 1819.81159 | 5.61016562 | 0.53516593 |
| 35 07LSC6_18.2    | 1820       | 5.5        | 0.7        |
| 35 07LSC6_18.2    | 1820       | 5.5        | 0.7        |
| 35 07LSC12_8.1    | 1820       | 6.7        | 0.4        |
| 35 07LSC12_8.1    | 1820       | 6.7        | 0.4        |
| 60 VGt-462        | 1820       | 5.1        | 0.4        |
| 60 VGt-462        | 1820       | 5.1        | 0.4        |
| 60 VGt-435        | 1820       | 6.1        | 0.4        |
| 60 VGt-435        | 1820       | 6.1        | 0.4        |
| 60 lnt-065d       | 1820       | 6.8        | 0.2        |
| 60 lnt-065d       | 1820       | 6.8        | 0.2        |
| 118 WFS13-01@96   | 1820       | 6.21       | 0.23       |
| 51 CS11-19-57     | 1820.43543 | 6.72664478 | 0.57534179 |

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| 51 CS11-19-57     | 1820.43543 | 6.72664478 | 0.57534179 |
| 51 CS11-19-49     | 1820.87537 | 6.20391071 | 0.50334916 |
| 51 CS11-19-49     | 1820.87537 | 6.20391071 | 0.50334916 |
| 118 WFS13-01@15   | 1821       | 5.55       | 0.3        |
| 118 WFS13-01@80   | 1821       | 6.98       | 0.47       |
| 51 CS12-17-30c    | 1821.8267  | 5.24357712 | 0.58083156 |
| 51 CS12-17-30c    | 1821.8267  | 5.24357712 | 0.58083156 |
| 60 VGt-556        | 1822       | 5.5        | 0.3        |
| 60 VGt-556        | 1822       | 5.5        | 0.3        |
| 98 IV22-13R       | 1822       | 6.27       | 0.4        |
| 98 IV22-16C       | 1822       | 8.43       | 0.13       |
| 118 WFS13-01@63   | 1822       | 5.88       | 0.27       |
| 118 WFS13-01@07   | 1822       | 6.12       | 0.46       |
| 51 CS12-24-36     | 1822.16229 | 4.93514766 | 0.50527697 |
| 51 CS12-24-36     | 1822.16229 | 4.93514766 | 0.50527697 |
| 123               | 1822.60487 | 8.49       | 0.13072942 |
| 51 CS11-18-23     | 1822.67564 | 6.16740419 | 0.47676614 |
| 51 CS11-18-23     | 1822.67564 | 6.16740419 | 0.47676614 |
| 94 177921@17. asc | 1824       | 8.1        | 0.5        |
| 98 IV22-9R        | 1824       | 8.38       | 0.4        |
| 123               | 1824       | 5.90555556 | 0.124499   |
| 35 07LSC5_32.1    | 1825       | 4.6        | 0.4        |
| 35 07LSC5_32.1    | 1825       | 4.6        | 0.4        |
| 37 07SC49@90      | 1825       | 8.16       | 0.42       |
| 37 07SC49@90      | 1825       | 8.16       | 0.42       |
| 118 WFS13-01@54   | 1825       | 5.96       | 0.25       |
| 56 95SB42         | 1826       | 6.32       |            |
| 56 95SB42         | 1826       | 6.32       |            |
| 102 DC1130        | 1826       | 4.3        | 0.11       |
| 18 CNG2-anu-zrn-  | 1826.12257 | 7.60599217 | 0.59745998 |
| 18 CNG2-anu-zrn-  | 1826.12257 | 7.60599217 | 0.59745998 |
| 51 CS11-18-60     | 1826.24716 | 4.75072546 | 0.42483279 |
| 51 CS11-18-60     | 1826.24716 | 4.75072546 | 0.42483279 |
| 59 MO-1123        | 1827       | 5          | 0.4        |
| 59 MO-1123        | 1827       | 5          | 0.4        |
| 118 WFS13-01@50   | 1827       | 5.65       | 0.26       |
| 118 WFS13-01@22   | 1827       | 5.65       | 0.35       |
| 118 WFS13-01@37   | 1827       | 6.33       | 0.29       |
| 51 CS11-20-65     | 1827.12878 | 10.2346593 | 0.8570222  |
| 51 CS11-20-65     | 1827.12878 | 10.2346593 | 0.8570222  |
| 18 ORG2-anu-zrn-  | 1828.23454 | 5.70480152 | 0.75759825 |
| 18 ORG2-anu-zrn-  | 1828.23454 | 5.70480152 | 0.75759825 |
| 51 CS12-25-13     | 1828.53997 | 6.34409385 | 0.74640936 |
| 51 CS12-25-13     | 1828.53997 | 6.34409385 | 0.74640936 |
| 37 07SC51-1@06    | 1830       | 7.42       | 0.31       |

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| 37 07SC51-1@06    | 1830       | 7.42       | 0.31       |
| 51 CS12-17-11     | 1830.32252 | 5.08289866 | 0.36747226 |
| 51 CS12-17-11     | 1830.32252 | 5.08289866 | 0.36747226 |
| 56 95SB41         | 1831       | 6.06       |            |
| 56 95SB41         | 1831       | 6.06       |            |
| 98 IV67-13C       | 1832       | 6.07       | 0.31       |
| 118 WFS13-01@41   | 1832       | 5.9        | 0.25       |
| 118 WFS13-01@83   | 1832       | 6.21       | 0.37       |
| 19 08LL04 3       | 1834       | 6.38       | 0.36       |
| 19 08LL04 3       | 1834       | 6.38       | 0.36       |
| 37 07SC51-1@27    | 1834       | 8.62       | 0.31       |
| 37 07SC51-1@27    | 1834       | 8.62       | 0.31       |
| 118 WFS13-01@97   | 1834       | 6.12       | 0.4        |
| 51 BBF-11-85      | 1834.42201 | 8.86983409 | 0.72013462 |
| 51 BBF-11-85      | 1834.42201 | 8.86983409 | 0.72013462 |
| 35 07LSC6_48.1    | 1835       | 9.3        | 0.3        |
| 35 07LSC6_48.1    | 1835       | 9.3        | 0.3        |
| 61 08SC11-6       | 1835       | 8.6        | 0.29       |
| 61 08SC11-6       | 1835       | 8.6        | 0.29       |
| 118 WFS13-01@04   | 1835       | 5.63       | 0.36       |
| 118 AGQ13-08@39   | 1835       | 7.76       | 0.32       |
| 51 CS12-17-10     | 1835.33388 | 4.40901874 | 0.28838507 |
| 51 CS12-17-10     | 1835.33388 | 4.40901874 | 0.28838507 |
| 51 CS11-20-50     | 1835.66663 | 8.71288538 | 1.11385663 |
| 51 CS11-20-50     | 1835.66663 | 8.71288538 | 1.11385663 |
| 51 BBF-11-91      | 1835.78831 | 8.54745139 | 0.82372137 |
| 51 BBF-11-91      | 1835.78831 | 8.54745139 | 0.82372137 |
| 35 07LSC12_22.1   | 1836       | 7.9        | 0.4        |
| 35 07LSC12_22.1   | 1836       | 7.9        | 0.4        |
| 118 AGQ13-08@96   | 1836       | 8.85       | 0.25       |
| 56 95SB12         | 1837       | 7          |            |
| 56 95SB12         | 1837       | 7          |            |
| 59 M0-1316        | 1837       | 9          | 0.2        |
| 59 M0-1316        | 1837       | 9          | 0.2        |
| 60 lnt-020d       | 1837       | 4.7        | 0.3        |
| 60 lnt-020d       | 1837       | 4.7        | 0.3        |
| 118 AGQ13-08@105  | 1837       | 6.07       | 0.31       |
| 51 CS11-19-30     | 1837.55219 | 5.49706672 | 0.52779343 |
| 51 CS11-19-30     | 1837.55219 | 5.49706672 | 0.52779343 |
| 94 165591@47. asc | 1839       | 6.2        | 0.2        |
| 51 CS11-1-6       | 1839.74594 | 7.27748491 | 0.78263415 |
| 51 CS11-1-6       | 1839.74594 | 7.27748491 | 0.78263415 |
| 52 BBF-29-33      | 1839.81742 | 7.56737158 | 0.600662   |
| 52 BBF-29-33      | 1839.81742 | 7.56737158 | 0.600662   |
| 51 CS12-23-7      | 1839.90383 | 4.73777106 | 0.35488026 |

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| 51 CS12-23-7     | 1839.90383 | 4.73777106 | 0.35488026 |
| 37 07SC51-1@32   | 1840       | 7.98       | 0.49       |
| 37 07SC51-1@32   | 1840       | 7.98       | 0.49       |
| 56 97SB125       | 1840       | 7.46       |            |
| 56 97SB125       | 1840       | 7.46       |            |
| 58 DDH 508-366   | 1840       | 8.2        |            |
| 58 DDH 508-366   | 1840       | 8.2        |            |
| 123              | 1840       | 6.8        | 0.12       |
| 51 CS11-20-56    | 1840.85085 | 6.25237168 | 0.53908803 |
| 51 CS11-20-56    | 1840.85085 | 6.25237168 | 0.53908803 |
| 60 lnt-004d      | 1841       | 6.2        | 0.3        |
| 60 lnt-004d      | 1841       | 6.2        | 0.3        |
| 118 AGQ13-08@80  | 1841       | 5.99       | 0.38       |
| 18 ORG2-anu-zrn- | 1841.88593 | 5.92013155 | 0.55818849 |
| 18 ORG2-anu-zrn- | 1841.88593 | 5.92013155 | 0.55818849 |
| 10 2436-55       | 1842       | 9          | 0.4        |
| 10 2436-55       | 1842       | 9          | 0.4        |
| 37 07SC51-1@11   | 1842       | 9.28       | 0.5        |
| 37 07SC51-1@11   | 1842       | 9.28       | 0.5        |
| 37 07SC51-1@72   | 1842       | 9.95       | 0.34       |
| 37 07SC51-1@72   | 1842       | 9.95       | 0.34       |
| 56 HUD86-18      | 1842       | 6.42       |            |
| 56 HUD86-18      | 1842       | 6.42       |            |
| 60 VGt-572       | 1842       | 9.8        | 0.2        |
| 60 VGt-572       | 1842       | 9.8        | 0.2        |
| 107 IT/5_18      | 1842       | 5.46       | 0.19       |
| 35 07LSC3_40.1   | 1843       | 4.4        | 0.2        |
| 35 07LSC3_40.1   | 1843       | 4.4        | 0.2        |
| 58 DDH 508-366   | 1843       | 9.2        |            |
| 58 DDH 508-366   | 1843       | 9.2        |            |
| 60 p11-114       | 1843       | 4.4        | 0.3        |
| 60 p11-114       | 1843       | 4.4        | 0.3        |
| 60 VGt-506       | 1843       | 5.1        | 0.4        |
| 60 VGt-506       | 1843       | 5.1        | 0.4        |
| 119 27.1         | 1843       | 11         | 0.5063     |
| 35 07LSC12_20.1  | 1844       | 9.7        | 0.3        |
| 35 07LSC12_20.1  | 1844       | 9.7        | 0.3        |
| 59 M0-1136       | 1844       | 6.7        | 0.4        |
| 59 M0-1136       | 1844       | 6.7        | 0.4        |
| 98 IV46-8C       | 1844       | 7.26       | 0.21       |
| 19 08LL04 43     | 1845       | 6.18       | 0.5        |
| 19 08LL04 43     | 1845       | 6.18       | 0.5        |
| 60 VGt-459       | 1845       | 4.4        | 0.4        |
| 60 VGt-459       | 1845       | 4.4        | 0.4        |
| 123              | 1845       | 6.29141629 | 0.19611175 |

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| 51 CS11-18-3     | 1845.0326  | 9.87612521 | 0.78830491 |
| 51 CS11-18-3     | 1845.0326  | 9.87612521 | 0.78830491 |
| 51 CS11-18-16    | 1845.52971 | 6.03095319 | 0.50722369 |
| 51 CS11-18-16    | 1845.52971 | 6.03095319 | 0.50722369 |
| 35 07LSC12_52.1  | 1846       | 6.6        | 0.2        |
| 35 07LSC12_52.1  | 1846       | 6.6        | 0.2        |
| 37 07SC51-1@10   | 1846       | 10.23      | 0.26       |
| 37 07SC51-1@10   | 1846       | 10.23      | 0.26       |
| 58 DDH 508-366   | 1846       | 8.1        |            |
| 58 DDH 508-366   | 1846       | 8.1        |            |
| 58 DDH 508-366   | 1846       | 8.3        |            |
| 58 DDH 508-366   | 1846       | 8.3        |            |
| 58 DDH 508-366   | 1846       | 8.9        |            |
| 58 DDH 508-366   | 1846       | 8.9        |            |
| 60 lnt-029d      | 1846       | 6.6        | 3.5        |
| 60 lnt-029d      | 1846       | 6.6        | 3.5        |
| 119 6.1          | 1846       | 4          | 0.3719     |
| 60 VGt-398       | 1847       | 4.5        | 0.4        |
| 60 VGt-398       | 1847       | 4.5        | 0.4        |
| 30 n2539-rpt-b6  | 1848       | 5.04       | 0.3        |
| 30 n2539-rpt-b6  | 1848       | 5.04       | 0.3        |
| 98 IV63-9C       | 1848       | 4.84       | 0.3        |
| 51 CS11-6_38     | 1849.07387 | 6.6856038  | 0.27481086 |
| 51 CS11-6_38     | 1849.07387 | 6.6856038  | 0.27481086 |
| 19 08LL05 41     | 1850       | 5.17       | 0.35       |
| 19 08LL05 41     | 1850       | 5.17       | 0.35       |
| 37 07SC51-1@19   | 1850       | 8.17       | 0.2        |
| 37 07SC51-1@19   | 1850       | 8.17       | 0.2        |
| 37 07SC51-1@82   | 1850       | 8.21       | 0.25       |
| 37 07SC51-1@82   | 1850       | 8.21       | 0.25       |
| 37 07SC51-1@13   | 1850       | 8.81       | 0.28       |
| 37 07SC51-1@13   | 1850       | 8.81       | 0.28       |
| 98 IV22-18       | 1850       | 6.76       | 0.13       |
| 51 Siam1_42      | 1850.50096 | 9.88455119 | 0.24570507 |
| 51 Siam1_42      | 1850.50096 | 9.88455119 | 0.24570507 |
| 18 CNG2-anu-zrn- | 1850.54205 | 5.79667986 | 0.59526683 |
| 18 CNG2-anu-zrn- | 1850.54205 | 5.79667986 | 0.59526683 |
| 12 A1531         | 1851       | 5.9        |            |
| 12 A1531         | 1851       | 5.9        |            |
| 37 07SC51-1@09   | 1851       | 9.41       | 0.32       |
| 37 07SC51-1@09   | 1851       | 9.41       | 0.32       |
| 47 PMOG-441_41-! | 1851       | 7.6        | 0.3        |
| 47 PMOG-441_41-! | 1851       | 7.6        | 0.3        |
| 58 DDH 508-232   | 1851       | 9.1        |            |
| 58 DDH 508-232   | 1851       | 9.1        |            |

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| 58 DDH 508-232   | 1851       | 9.3        |            |
| 58 DDH 508-232   | 1851       | 9.3        |            |
| 58 DDH 508-232   | 1851       | 9.4        |            |
| 58 DDH 508-232   | 1851       | 9.4        |            |
| 119 26.1         | 1851       | 4          | 0.3374     |
| 60 vgt-098       | 1852       | 7          | 0.2        |
| 60 vgt-098       | 1852       | 7          | 0.2        |
| 37 07SC51-1@58   | 1853       | 9.94       | 0.31       |
| 37 07SC51-1@58   | 1853       | 9.94       | 0.31       |
| 123              | 1853       | 6.3        | 0.09419652 |
| 51 CS11-19-8     | 1853.15666 | 9.09999261 | 0.84973904 |
| 51 CS11-19-8     | 1853.15666 | 9.09999261 | 0.84973904 |
| 18 CNG2-anu-zrn- | 1853.46107 | 4.5585278  | 0.60107291 |
| 18 CNG2-anu-zrn- | 1853.46107 | 4.5585278  | 0.60107291 |
| 51 CS12-24-21    | 1853.88959 | 4.53810515 | 0.40831302 |
| 51 CS12-24-21    | 1853.88959 | 4.53810515 | 0.40831302 |
| 30 n2539-rpt-44  | 1854       | 4.91       | 0.31       |
| 30 n2539-rpt-44  | 1854       | 4.91       | 0.31       |
| 56 HUD84-WL3     | 1854       | 5.67       |            |
| 56 HUD84-WL3     | 1854       | 5.67       |            |
| 51 Siam1_23      | 1854.78805 | 7.86140834 | 0.20730756 |
| 51 Siam1_23      | 1854.78805 | 7.86140834 | 0.20730756 |
| 30 n2539-rpt-69  | 1856       | 6.35       | 0.3        |
| 30 n2539-rpt-69  | 1856       | 6.35       | 0.3        |
| 107 IT/5_11      | 1856       | 7.62       | 0.19       |
| 119 7.1          | 1856       | 5          | 0.2996     |
| 51 CS12-25-50    | 1856.21824 | 6.17494311 | 0.52383819 |
| 51 CS12-25-50    | 1856.21824 | 6.17494311 | 0.52383819 |
| 30 n2539-rpt-b1' | 1857       | 7.14       | 0.26       |
| 30 n2539-rpt-b1' | 1857       | 7.14       | 0.26       |
| 37 07SC51-1@45   | 1857       | 8.57       | 0.46       |
| 37 07SC51-1@45   | 1857       | 8.57       | 0.46       |
| 37 07SC51-1@14   | 1857       | 9.42       | 0.29       |
| 37 07SC51-1@14   | 1857       | 9.42       | 0.29       |
| 56 HUD86-14      | 1857       | 5.56       |            |
| 56 HUD86-14      | 1857       | 5.56       |            |
| 35 07LSC12_33.1  | 1858       | 6.2        | 0.2        |
| 35 07LSC12_33.1  | 1858       | 6.2        | 0.2        |
| 56 95SB11        | 1858       | 7.98       |            |
| 56 95SB11        | 1858       | 7.98       |            |
| 58 DDH 508-232   | 1858       | 7.3        |            |
| 58 DDH 508-232   | 1858       | 7.3        |            |
| 60 lnt-036d      | 1858       | 6.7        | 0.2        |
| 60 lnt-036d      | 1858       | 6.7        | 0.2        |
| 37 07SC51-1@78   | 1859       | 8.06       | 0.37       |

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| 37 07SC51-1@78  | 1859       | 8.06       | 0.37       |
| 37 07SC51-1@16  | 1859       | 8.61       | 0.37       |
| 37 07SC51-1@16  | 1859       | 8.61       | 0.37       |
| 51 CS12-17-9    | 1859.81687 | 5.57742087 | 0.42163957 |
| 51 CS12-17-9    | 1859.81687 | 5.57742087 | 0.42163957 |
| 37 07SC51-1@59  | 1860       | 9.44       | 0.44       |
| 37 07SC51-1@59  | 1860       | 9.44       | 0.44       |
| 56 VS73-18      | 1860       | 5          |            |
| 56 VS73-18      | 1860       | 5          |            |
| 119 1.1         | 1860       | 5          | 0.4764     |
| 37 07SC51-1@71  | 1861       | 7.77       | 0.5        |
| 37 07SC51-1@71  | 1861       | 7.77       | 0.5        |
| 60 p11-156      | 1861       | 5.1        | 0.3        |
| 60 p11-156      | 1861       | 5.1        | 0.3        |
| 98 IV67-3C      | 1861       | 6.75       | 0.35       |
| 61 08SC11-52    | 1862       | 6.6        | 0.27       |
| 61 08SC11-52    | 1862       | 6.6        | 0.27       |
| 51 CS11-13_21   | 1862.66149 | 6.76519464 | 0.19912056 |
| 51 CS11-13_21   | 1862.66149 | 6.76519464 | 0.19912056 |
| 35 07LSC10_34.1 | 1863       | 9.3        | 0.3        |
| 35 07LSC10_34.1 | 1863       | 9.3        | 0.3        |
| 37 07SC51-1@73  | 1863       | 9.07       | 0.39       |
| 37 07SC51-1@73  | 1863       | 9.07       | 0.39       |
| 37 07SC51-1@37  | 1863       | 9.55       | 0.19       |
| 37 07SC51-1@37  | 1863       | 9.55       | 0.19       |
| 60 VGt-301      | 1863       | 3          | 0.5        |
| 60 VGt-301      | 1863       | 3          | 0.5        |
| 60 VGt-356      | 1863       | 4.1        | 0.3        |
| 60 VGt-356      | 1863       | 4.1        | 0.3        |
| 118 AGQ13-08@82 | 1863       | 8.69       | 0.41       |
| 119 10.1        | 1863       | 4.2244     | 0.5299     |
| 37 07SC51-1@20  | 1864       | 7.41       | 0.34       |
| 37 07SC51-1@20  | 1864       | 7.41       | 0.34       |
| 37 07SC51-1@29  | 1864       | 8.64       | 0.39       |
| 37 07SC51-1@29  | 1864       | 8.64       | 0.39       |
| 37 07SC49@53    | 1864       | 9.01       | 0.29       |
| 37 07SC49@53    | 1864       | 9.01       | 0.29       |
| 98 IV46-1C      | 1864       | 7.4        | 0.21       |
| 37 07SC51-1@33  | 1865       | 8.24       | 0.3        |
| 37 07SC51-1@33  | 1865       | 8.24       | 0.3        |
| 37 07SC51-1@03  | 1865       | 8.37       | 0.23       |
| 37 07SC51-1@03  | 1865       | 8.37       | 0.23       |
| 37 07SC51-1@30  | 1865       | 8.53       | 0.24       |
| 37 07SC51-1@30  | 1865       | 8.53       | 0.24       |
| 60 lnt-080d     | 1865       | 1.1        | 0.2        |

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| 60 lnt-080d      | 1865       | 1.1        | 0.2        |
| 98 IV22-2R       | 1865       | 4.04       | 0.3        |
| 119 15.1         | 1865       | 6          | 0.4074     |
| 19 08LL06 44     | 1866       | 6.69       | 0.33       |
| 19 08LL06 44     | 1866       | 6.69       | 0.33       |
| 35 07LSC5_27.2   | 1866       | 4.8        | 0.5        |
| 35 07LSC5_27.2   | 1866       | 4.8        | 0.5        |
| 37 07SC51-1@49   | 1866       | 8.32       | 0.47       |
| 37 07SC51-1@49   | 1866       | 8.32       | 0.47       |
| 37 07SC51-1@50   | 1866       | 8.64       | 0.31       |
| 37 07SC51-1@50   | 1866       | 8.64       | 0.31       |
| 98 IV63-9C       | 1866       | 5.8        | 0.21       |
| 118 AGQ13-08@95  | 1866       | 9.29       | 0.2        |
| 30 n2539-rpt-17  | 1867       | 8.11       | 0.25       |
| 30 n2539-rpt-17  | 1867       | 8.11       | 0.25       |
| 37 07SC51-1@74   | 1867       | 8.61       | 0.45       |
| 37 07SC51-1@74   | 1867       | 8.61       | 0.45       |
| 18 CNG2-anu-zrn- | 1867.83602 | 4.85311597 | 0.59776289 |
| 18 CNG2-anu-zrn- | 1867.83602 | 4.85311597 | 0.59776289 |
| 35 07LSC12_13.1  | 1868       | 7.2        | 0.4        |
| 35 07LSC12_13.1  | 1868       | 7.2        | 0.4        |
| 37 07SC51-1@67   | 1868       | 7.94       | 0.4        |
| 37 07SC51-1@67   | 1868       | 7.94       | 0.4        |
| 119 27.1         | 1868       | 4.0019     | 0.5433     |
| 37 07SC51-1@18   | 1869       | 8.03       | 0.38       |
| 37 07SC51-1@18   | 1869       | 8.03       | 0.38       |
| 37 07SC49@77     | 1869       | 8.68       | 0.27       |
| 37 07SC49@77     | 1869       | 8.68       | 0.27       |
| 37 07SC51-1@69   | 1869       | 9.74       | 0.32       |
| 37 07SC51-1@69   | 1869       | 9.74       | 0.32       |
| 58 DDH 508-366   | 1869       | 6.5        |            |
| 58 DDH 508-366   | 1869       | 6.5        |            |
| 60 lnt-049d      | 1869       | 6.8        | 0.2        |
| 60 lnt-049d      | 1869       | 6.8        | 0.2        |
| 18 CNG2-anu-zrn- | 1869.00569 | 5.95332309 | 0.59734605 |
| 18 CNG2-anu-zrn- | 1869.00569 | 5.95332309 | 0.59734605 |
| 12 A588          | 1870       | 5.5        |            |
| 12 A588          | 1870       | 5.5        |            |
| 12 A1290         | 1870       | 7.6        |            |
| 12 A1290         | 1870       | 7.6        |            |
| 37 07SC65@72     | 1870       | 7.75       | 0.32       |
| 37 07SC65@72     | 1870       | 7.75       | 0.32       |
| 102 DC0929       | 1870       | 4.83       | 0.23       |
| 118 AGQ13-08@42  | 1870       | 6.53       | 0.24       |
| 37 07SC51-1@38   | 1871       | 8.57       | 0.32       |



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| 37 07SC51-1@38   | 1871       | 8.57       | 0.32       |        |
| 18 ORG2-anu-zrn- | 1871.19628 | 7.86656082 | 0.78776948 |        |
| 18 ORG2-anu-zrn- | 1871.19628 | 7.86656082 | 0.78776948 |        |
| 37 07SC51-1@25   | 1872       | 8.48       | 0.28       |        |
| 37 07SC51-1@25   | 1872       | 8.48       | 0.28       |        |
| 37 07SC51-1@23   | 1872       | 9.95       | 0.36       |        |
| 37 07SC51-1@23   | 1872       | 9.95       | 0.36       |        |
| 37 07SC51-1@01   | 1872       | 10.54      | 0.49       |        |
| 37 07SC51-1@01   | 1872       | 10.54      | 0.49       |        |
| 118 AGQ13-08@23  | 1872       | 9.54       | 0.44       |        |
| 119              | 10.1       | 1872       | 5          | 0.3169 |
| 119              | 59.1       | 1872       | 5.846      | 0.3192 |
| 12 A1530         | 1873       | 5.87       |            |        |
| 12 A1530         | 1873       | 5.87       |            |        |
| 35 07LSC5_31.2   | 1873       | 3.2        | 0.4        |        |
| 35 07LSC5_31.2   | 1873       | 3.2        | 0.4        |        |
| 35 07LSC5_26.1   | 1873       | 6          | 0.3        |        |
| 35 07LSC5_26.1   | 1873       | 6          | 0.3        |        |
| 59 MO-946        | 1873       | 6.2        | 0.3        |        |
| 59 MO-946        | 1873       | 6.2        | 0.3        |        |
| 60 pll-144       | 1873       | 5          | 0.3        |        |
| 60 pll-144       | 1873       | 5          | 0.3        |        |
| 98 IV67-19C      | 1873       | 7.42       | 0.31       |        |
| 118 AGQ13-08@69  | 1873       | 7.61       | 0.37       |        |
| 119              | 67.1       | 1873       | 3.7018     | 0.3512 |
| 18 NGR1-anu-zrn- | 1873.03588 | 5.51845598 | 0.61719192 |        |
| 18 NGR1-anu-zrn- | 1873.03588 | 5.51845598 | 0.61719192 |        |
| 51 Siam1_102     | 1873.51272 | 5.95269977 | 0.30151037 |        |
| 51 Siam1_102     | 1873.51272 | 5.95269977 | 0.30151037 |        |
| 35 09LSC4_102.1  | 1874       | 4.6        | 0.2        |        |
| 35 09LSC4_102.1  | 1874       | 4.6        | 0.2        |        |
| 37 07SC51-1@17   | 1874       | 7.41       | 0.3        |        |
| 37 07SC51-1@17   | 1874       | 7.41       | 0.3        |        |
| 37 07SC51-1@93   | 1874       | 8.5        | 0.34       |        |
| 37 07SC51-1@93   | 1874       | 8.5        | 0.34       |        |
| 37 07SC49@55     | 1874       | 8.95       | 0.39       |        |
| 37 07SC49@55     | 1874       | 8.95       | 0.39       |        |
| 37 07SC51-1@55   | 1874       | 9.17       | 0.36       |        |
| 37 07SC51-1@55   | 1874       | 9.17       | 0.36       |        |
| 37 07SC51-1@77   | 1874       | 9.77       | 0.26       |        |
| 37 07SC51-1@77   | 1874       | 9.77       | 0.26       |        |
| 60 vgt-122       | 1874       | 7.4        | 0.2        |        |
| 60 vgt-122       | 1874       | 7.4        | 0.2        |        |
| 12 A922          | 1875       | 7.78       |            |        |
| 12 A922          | 1875       | 7.78       |            |        |

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| 37 07SC51-1@28   | 1875       | 9.13       | 0.41       |
| 37 07SC51-1@28   | 1875       | 9.13       | 0.41       |
| 37 07SC51-1@46   | 1875       | 9.7        | 0.3        |
| 37 07SC51-1@46   | 1875       | 9.7        | 0.3        |
| 37 07SC51-1@22   | 1875       | 9.76       | 0.58       |
| 37 07SC51-1@22   | 1875       | 9.76       | 0.58       |
| 59 M0-1084       | 1875       | 6.1        | 0.2        |
| 59 M0-1084       | 1875       | 6.1        | 0.2        |
| 60 p11-133       | 1875       | 11.3       | 0.5        |
| 60 p11-133       | 1875       | 11.3       | 0.5        |
| 98 IV22-12R      | 1875       | 5.47       | 0.4        |
| 118 AGQ13-08@20  | 1875       | 10.09      | 0.44       |
| 12 A1358         | 1876       | 6.46       |            |
| 12 A1358         | 1876       | 6.46       |            |
| 62 TGS-7-2. S01  | 1876       | 6.6        | 0.2        |
| 62 TGS-7-2. S01  | 1876       | 6.6        | 0.2        |
| 98 IV22-7C       | 1876       | 5.77       | 0.46       |
| 51 Siam1_7       | 1876.81913 | 9.47421799 | 0.22522937 |
| 51 Siam1_7       | 1876.81913 | 9.47421799 | 0.22522937 |
| 30 n2539-rpt-26  | 1877       | 4.54       | 0.29       |
| 30 n2539-rpt-26  | 1877       | 4.54       | 0.29       |
| 37 07SC51-1@24   | 1877       | 8.7        | 0.34       |
| 37 07SC51-1@24   | 1877       | 8.7        | 0.34       |
| 51 CS12-24-32    | 1877.7209  | 6.65317812 | 0.72569829 |
| 51 CS12-24-32    | 1877.7209  | 6.65317812 | 0.72569829 |
| 51 BBF-11-53     | 1877.87217 | 4.01983903 | 0.37399794 |
| 51 BBF-11-53     | 1877.87217 | 4.01983903 | 0.37399794 |
| 37 07SC51-1@04   | 1878       | 9.65       | 0.24       |
| 37 07SC51-1@04   | 1878       | 9.65       | 0.24       |
| 60 lnt-042d      | 1878       | 7          | 0.2        |
| 60 lnt-042d      | 1878       | 7          | 0.2        |
| 106 10GD48-87    | 1878       | 4.51       | 0.33       |
| 51 CS11-18-18    | 1878.41333 | 5.86879267 | 0.53732917 |
| 51 CS11-18-18    | 1878.41333 | 5.86879267 | 0.53732917 |
| 12 A1427         | 1879       | 6.39       |            |
| 12 A1427         | 1879       | 6.39       |            |
| 37 07SC51-1@47   | 1879       | 8.03       | 0.6        |
| 37 07SC51-1@47   | 1879       | 8.03       | 0.6        |
| 60 p11-157       | 1879       | 3.3        | 0.3        |
| 60 p11-157       | 1879       | 3.3        | 0.3        |
| 60 lnt-117d      | 1879       | 5.8        | 0.2        |
| 60 lnt-117d      | 1879       | 5.8        | 0.2        |
| 51 Siam1_31      | 1879.11274 | 6.42274011 | 0.25496929 |
| 51 Siam1_31      | 1879.11274 | 6.42274011 | 0.25496929 |
| 30 n2539-rpt-b10 | 1880       | 5.22       | 0.28       |

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| 30 n2539-rpt-b10 | 1880       | 5.22       | 0.28       |
| 37 07SC65@71     | 1880       | 9.21       | 0.31       |
| 37 07SC65@71     | 1880       | 9.21       | 0.31       |
| 37 07SC51-1@68   | 1880       | 9.45       | 0.26       |
| 37 07SC51-1@68   | 1880       | 9.45       | 0.26       |
| 37 07SC51-1@31   | 1880       | 9.67       | 0.31       |
| 37 07SC51-1@31   | 1880       | 9.67       | 0.31       |
| 18 CNG2-anu-zrn- | 1880.05092 | 7.46828242 | 0.60164092 |
| 18 CNG2-anu-zrn- | 1880.05092 | 7.46828242 | 0.60164092 |
| 51 CS12-23-37    | 1880.35044 | 7.29499352 | 0.79543291 |
| 51 CS12-23-37    | 1880.35044 | 7.29499352 | 0.79543291 |
| 35 07LSC12_21.1  | 1881       | 8.1        | 0.3        |
| 35 07LSC12_21.1  | 1881       | 8.1        | 0.3        |
| 37 07SC51-1@66   | 1881       | 8.43       | 0.36       |
| 37 07SC51-1@66   | 1881       | 8.43       | 0.36       |
| 37 07SC51-1@88   | 1881       | 8.62       | 0.35       |
| 37 07SC51-1@88   | 1881       | 8.62       | 0.35       |
| 37 07SC51-1@05   | 1881       | 9.72       | 0.21       |
| 37 07SC51-1@05   | 1881       | 9.72       | 0.21       |
| 37 07SC51-1@43   | 1881       | 9.82       | 0.35       |
| 37 07SC51-1@43   | 1881       | 9.82       | 0.35       |
| 60 VGt-539       | 1881       | 7.6        | 0.4        |
| 60 VGt-539       | 1881       | 7.6        | 0.4        |
| 52 BBF-29-62     | 1881.56268 | 5.52824422 | 0.45661698 |
| 52 BBF-29-62     | 1881.56268 | 5.52824422 | 0.45661698 |
| 51 Siam1_111     | 1881.83711 | 5.57486221 | 0.2571289  |
| 51 Siam1_111     | 1881.83711 | 5.57486221 | 0.2571289  |
| 51 Siam1_77      | 1881.9274  | 6.10133255 | 0.27064854 |
| 51 Siam1_77      | 1881.9274  | 6.10133255 | 0.27064854 |
| 35 07LSC6_61.1   | 1882       | 4.7        | 0.3        |
| 35 07LSC6_61.1   | 1882       | 4.7        | 0.3        |
| 98 IV22-1M       | 1882       | 8.39       | 0.3        |
| 119 32.1         | 1882       | 4.2557     | 0.3844     |
| 18 NIL-anu-zrn-l | 1882.91617 | 5.73936946 | 0.5475135  |
| 18 NIL-anu-zrn-l | 1882.91617 | 5.73936946 | 0.5475135  |
| 58 DDH 508-232   | 1883       | 6.3        |            |
| 58 DDH 508-232   | 1883       | 6.3        |            |
| 58 DDH 508-232   | 1883       | 8          |            |
| 58 DDH 508-232   | 1883       | 8          |            |
| 58 DDH 508-232   | 1883       | 8.5        |            |
| 58 DDH 508-232   | 1883       | 8.5        |            |
| 58 DDH 508-232   | 1883       | 8.5        |            |
| 58 DDH 508-232   | 1883       | 8.5        |            |
| 58 DDH 508-232   | 1883       | 9.4        |            |
| 58 DDH 508-232   | 1883       | 9.4        |            |

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|-------------------|------------|------------|------------|
| 18 NIL-anu-zrn-l  | 1884.3197  | 5.02462406 | 0.54760664 |
| 18 NIL-anu-zrn-l  | 1884.3197  | 5.02462406 | 0.54760664 |
| 12 A1426          | 1885       | 6.59       |            |
| 12 A1426          | 1885       | 6.59       |            |
| 12 A218           | 1885       | 7.71       |            |
| 12 A218           | 1885       | 7.71       |            |
| 37 07SC51-1@42    | 1885       | 8.71       | 0.3        |
| 37 07SC51-1@42    | 1885       | 8.71       | 0.3        |
| 12 A392           | 1886       | 6.84       |            |
| 12 A392           | 1886       | 6.84       |            |
| 60 VGt-292        | 1886       | 7.1        | 0.6        |
| 60 VGt-292        | 1886       | 7.1        | 0.6        |
| 123               | 1886       | 6.21       | 0.10394296 |
| 37 07SC65@18      | 1887       | 7.78       | 0.35       |
| 37 07SC65@18      | 1887       | 7.78       | 0.35       |
| 94 177921-10. asc | 1887       | 6.1        | 0.4        |
| 35 07LSC6_37.1    | 1888       | 6.9        | 0.2        |
| 35 07LSC6_37.1    | 1888       | 6.9        | 0.2        |
| 60 VGt-368        | 1888       | 3.3        | 0.4        |
| 60 VGt-368        | 1888       | 3.3        | 0.4        |
| 51 BBF-11-48      | 1888.42995 | 3.81542095 | 0.35989194 |
| 51 BBF-11-48      | 1888.42995 | 3.81542095 | 0.35989194 |
| 37 07SC51-1@15    | 1889       | 8.53       | 0.4        |
| 37 07SC51-1@15    | 1889       | 8.53       | 0.4        |
| 18 CNG2-anu-zrn-  | 1889.18658 | 6.91187371 | 0.57944195 |
| 18 CNG2-anu-zrn-  | 1889.18658 | 6.91187371 | 0.57944195 |
| 30 n2539-rpt-b2   | 1890       | 7.01       | 0.3        |
| 30 n2539-rpt-b2   | 1890       | 7.01       | 0.3        |
| 37 07SC51-1@91    | 1890       | 6          | 0.25       |
| 37 07SC51-1@91    | 1890       | 6          | 0.25       |
| 60 VGt-474        | 1890       | 4.2        | 0.4        |
| 60 VGt-474        | 1890       | 4.2        | 0.4        |
| 30 n2539-rpt-a6   | 1891       | 5.48       | 0.35       |
| 30 n2539-rpt-a6   | 1891       | 5.48       | 0.35       |
| 30 n2539-rpt-19   | 1891       | 7.33       | 0.25       |
| 30 n2539-rpt-19   | 1891       | 7.33       | 0.25       |
| 37 07SC51-1@70    | 1891       | 8.55       | 0.34       |
| 37 07SC51-1@70    | 1891       | 8.55       | 0.34       |
| 37 07SC49@17      | 1891       | 8.93       | 0.38       |
| 37 07SC49@17      | 1891       | 8.93       | 0.38       |
| 37 07SC51-1@65    | 1891       | 9.52       | 0.28       |
| 37 07SC51-1@65    | 1891       | 9.52       | 0.28       |
| 18 NIL-anu-zrn-l  | 1891.36795 | 4.51765538 | 0.55655155 |
| 18 NIL-anu-zrn-l  | 1891.36795 | 4.51765538 | 0.55655155 |
| 51 Siam1_50       | 1891.64057 | 6.41273198 | 0.21695042 |

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| 51 Siam1_50      | 1891.64057 | 6.41273198 | 0.21695042 |
| 37 07SC49@68     | 1892       | 10.06      | 0.31       |
| 37 07SC49@68     | 1892       | 10.06      | 0.31       |
| 51 Siam1_41      | 1892.04975 | 6.44225596 | 0.24943437 |
| 51 Siam1_41      | 1892.04975 | 6.44225596 | 0.24943437 |
| 30 n2539-rpt-b10 | 1893       | 6.91       | 0.3        |
| 30 n2539-rpt-b10 | 1893       | 6.91       | 0.3        |
| 30 n2539-rpt-13  | 1893       | 7.73       | 0.31       |
| 30 n2539-rpt-13  | 1893       | 7.73       | 0.31       |
| 37 07SC49@14     | 1893       | 8.82       | 0.45       |
| 37 07SC49@14     | 1893       | 8.82       | 0.45       |
| 98 IV46-180SC    | 1893       | 10.17      | 0.26       |
| 30 n2539-rpt-b40 | 1894       | 6.48       | 0.26       |
| 30 n2539-rpt-b40 | 1894       | 6.48       | 0.26       |
| 56 K-16          | 1894       | 4.5        |            |
| 56 K-16          | 1894       | 4.5        |            |
| 60 p11-118       | 1894       | 7.6        | 0.4        |
| 60 p11-118       | 1894       | 7.6        | 0.4        |
| 51 CS11-19-53b   | 1894.03531 | 6.53192133 | 0.65867164 |
| 51 CS11-19-53b   | 1894.03531 | 6.53192133 | 0.65867164 |
| 51 CS11-20-58    | 1894.26588 | 7.14539133 | 0.68485538 |
| 51 CS11-20-58    | 1894.26588 | 7.14539133 | 0.68485538 |
| 30 n2539-rpt-b5' | 1895       | 5.37       | 0.31       |
| 30 n2539-rpt-b5' | 1895       | 5.37       | 0.31       |
| 51 Siam1_29      | 1895.56359 | 5.9643679  | 0.24771848 |
| 51 Siam1_29      | 1895.56359 | 5.9643679  | 0.24771848 |
| 52 BBF-29-32     | 1895.60767 | 9.47733905 | 0.86931815 |
| 52 BBF-29-32     | 1895.60767 | 9.47733905 | 0.86931815 |
| 18 CNG2-anu-zrn- | 1896.57676 | 6.15330064 | 0.5903405  |
| 18 CNG2-anu-zrn- | 1896.57676 | 6.15330064 | 0.5903405  |
| 118 AGQ13-08@106 | 1897       | 7.03       | 0.43       |
| 119 37.1         | 1897       | 5          | 0.5109     |
| 51 Siam1_10      | 1897.50702 | 9.6568663  | 0.22925224 |
| 51 Siam1_10      | 1897.50702 | 9.6568663  | 0.22925224 |
| 19 08LL06 55     | 1898       | 6.77       | 0.15       |
| 19 08LL06 55     | 1898       | 6.77       | 0.15       |
| 37 07SC65@95     | 1898       | 8.37       | 0.43       |
| 37 07SC65@95     | 1898       | 8.37       | 0.43       |
| 37 07SC49@59     | 1898       | 9.01       | 0.27       |
| 37 07SC49@59     | 1898       | 9.01       | 0.27       |
| 119 27.1         | 1898       | 6          | 0.3034     |
| 51 Siam1_113     | 1898.39147 | 6.47566697 | 0.27422027 |
| 51 Siam1_113     | 1898.39147 | 6.47566697 | 0.27422027 |
| 51 Siam1_54      | 1898.96056 | 6.05744348 | 0.23626696 |
| 51 Siam1_54      | 1898.96056 | 6.05744348 | 0.23626696 |

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| 35 07LSC5_27.1   | 1899       | 4.9        | 0.4        |
| 35 07LSC5_27.1   | 1899       | 4.9        | 0.4        |
| 98 IV46-14R      | 1902       | 8.46       | 0.22       |
| 51 Siam1_93      | 1902.50779 | 6.58226221 | 0.25587989 |
| 51 Siam1_93      | 1902.50779 | 6.58226221 | 0.25587989 |
| 60 VGt-571       | 1903       | 5          | 0.2        |
| 60 VGt-571       | 1903       | 5          | 0.2        |
| 98 IV67-9R       | 1903       | 9.16       | 0.37       |
| 51 BBF-11-57     | 1903.59674 | 5.75248408 | 0.41465699 |
| 51 BBF-11-57     | 1903.59674 | 5.75248408 | 0.41465699 |
| 51 Siam1_95      | 1903.69819 | 5.65943777 | 0.28685987 |
| 51 Siam1_95      | 1903.69819 | 5.65943777 | 0.28685987 |
| 37 07SC49@65     | 1904       | 8.54       | 0.4        |
| 37 07SC49@65     | 1904       | 8.54       | 0.4        |
| 98 IV46-16R      | 1904       | 9.48       | 0.26       |
| 35 07LSC5_34.1   | 1905       | 9.3        | 0.3        |
| 35 07LSC5_34.1   | 1905       | 9.3        | 0.3        |
| 37 07SC49@02     | 1906       | 8.05       | 0.22       |
| 37 07SC49@02     | 1906       | 8.05       | 0.22       |
| 98 IV63-20C      | 1906       | 6.41       | 0.33       |
| 51 Siam1_38      | 1906.16496 | 7.94647742 | 0.23146913 |
| 51 Siam1_38      | 1906.16496 | 7.94647742 | 0.23146913 |
| 18 NGR1-anu-zrn- | 1906.49353 | 7.38081167 | 0.61202223 |
| 18 NGR1-anu-zrn- | 1906.49353 | 7.38081167 | 0.61202223 |
| 37 07SC65@59     | 1907       | 5.31       | 0.55       |
| 37 07SC65@59     | 1907       | 5.31       | 0.55       |
| 30 n2539-rpt-b4  | 1908       | 6.76       | 0.3        |
| 30 n2539-rpt-b4  | 1908       | 6.76       | 0.3        |
| 37 07SC65@47     | 1908       | 8.62       | 0.26       |
| 37 07SC65@47     | 1908       | 8.62       | 0.26       |
| 37 07SC65@26     | 1908       | 9.04       | 0.2        |
| 37 07SC65@26     | 1908       | 9.04       | 0.2        |
| 58 DDH 508-232   | 1908       | 8.7        |            |
| 58 DDH 508-232   | 1908       | 8.7        |            |
| 60 p11-113       | 1908       | 9.5        | 0.5        |
| 60 p11-113       | 1908       | 9.5        | 0.5        |
| 18 ZMB2-anu-zrn- | 1908.30452 | 8.2012287  | 0.59240619 |
| 18 ZMB2-anu-zrn- | 1908.30452 | 8.2012287  | 0.59240619 |
| 51 CS12-24-38    | 1908.53067 | 5.18315568 | 0.44079284 |
| 51 CS12-24-38    | 1908.53067 | 5.18315568 | 0.44079284 |
| 37 07SC49@11     | 1909       | 8.37       | 0.27       |
| 37 07SC49@11     | 1909       | 8.37       | 0.27       |
| 61 08SC74-65     | 1909       | 10.7       | 0.26       |
| 61 08SC74-65     | 1909       | 10.7       | 0.26       |
| 51 Siam1_5       | 1909.05923 | 5.75219561 | 0.27907353 |

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| 51 Siam1_5       | 1909.05923 | 5.75219561 | 0.27907353 |
| 61 08SC11-63     | 1910       | 6.5        | 0.22       |
| 61 08SC11-63     | 1910       | 6.5        | 0.22       |
| 118 WFS13-01@93  | 1911       | 6.69       | 0.34       |
| 118 WFS13-01@47  | 1912       | 4.33       | 0.4        |
| 18 NGR1-anu-zrn  | 1913.25596 | 8.45770472 | 0.59444455 |
| 18 NGR1-anu-zrn  | 1913.25596 | 8.45770472 | 0.59444455 |
| 11 01TT02(2)-11: | 1913.3     | 6.08962397 | 0.332716   |
| 11 01TT02(2)-11: | 1913.3     | 6.08962397 | 0.332716   |
| 18 CNG2-anu-zrn  | 1913.56844 | 4.35769871 | 0.58018396 |
| 18 CNG2-anu-zrn  | 1913.56844 | 4.35769871 | 0.58018396 |
| 30 n2539-rpt-34  | 1916       | 7.42       | 0.26       |
| 30 n2539-rpt-34  | 1916       | 7.42       | 0.26       |
| 60 lnt-012d      | 1916       | 4.6        | 0.4        |
| 60 lnt-012d      | 1916       | 4.6        | 0.4        |
| 98 IV22-2C       | 1916       | 5.34       | 0.3        |
| 18 CNG2-anu-zrn  | 1916.72602 | 4.45795237 | 0.55339671 |
| 18 CNG2-anu-zrn  | 1916.72602 | 4.45795237 | 0.55339671 |
| 51 Siam1_35      | 1916.88231 | 5.6330989  | 0.22685227 |
| 51 Siam1_35      | 1916.88231 | 5.6330989  | 0.22685227 |
| 51 Siam1_76      | 1916.9264  | 5.2325564  | 0.26599378 |
| 51 Siam1_76      | 1916.9264  | 5.2325564  | 0.26599378 |
| 30 n2539-rpt-b7: | 1917       | 6.01       | 0.33       |
| 30 n2539-rpt-b7: | 1917       | 6.01       | 0.33       |
| 51 Siam1_73      | 1917.04947 | 7.12274506 | 0.28122595 |
| 51 Siam1_73      | 1917.04947 | 7.12274506 | 0.28122595 |
| 60 pll-150       | 1918       | 11.6       | 0.6        |
| 60 pll-150       | 1918       | 11.6       | 0.6        |
| 118 AGQ13-08@33  | 1918       | 9.19       | 0.41       |
| 51 CS11-19-51    | 1918.64635 | 8.19830213 | 0.76666223 |
| 51 CS11-19-51    | 1918.64635 | 8.19830213 | 0.76666223 |
| 52 BBF-29-70     | 1918.70261 | 4.84442993 | 0.44883459 |
| 52 BBF-29-70     | 1918.70261 | 4.84442993 | 0.44883459 |
| 30 n2539-rpt-15  | 1919       | 6.21       | 0.31       |
| 30 n2539-rpt-15  | 1919       | 6.21       | 0.31       |
| 123              | 1919       | 8.2        | 0.11412232 |
| 118 WFS13-01@45  | 1920       | 6.61       | 0.29       |
| 51 Siam1_14      | 1920.07864 | 7.00171025 | 0.25328024 |
| 51 Siam1_14      | 1920.07864 | 7.00171025 | 0.25328024 |
| 30 n2539-rpt-20  | 1921       | 5.83       | 0.28       |
| 30 n2539-rpt-20  | 1921       | 5.83       | 0.28       |
| 30 n2539-rpt-49  | 1921       | 7.01       | 0.32       |
| 30 n2539-rpt-49  | 1921       | 7.01       | 0.32       |
| 119 47.1         | 1923       | 5          | 0.4889     |
| 51 CS12-24-27    | 1923.47031 | 4.91602275 | 0.39926059 |

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| 51 CS12-24-27    | 1923.47031 | 4.91602275 | 0.39926059 |
| 60 VGt-240       | 1924       | 9.9        | 0.6        |
| 60 VGt-240       | 1924       | 9.9        | 0.6        |
| 106 10GD48-89    | 1924       | 8.57       | 0.19       |
| 18 ZMB2-anu-zrn- | 1924.4     | 7.33089289 | 0.59507685 |
| 18 ZMB2-anu-zrn- | 1924.4     | 7.33089289 | 0.59507685 |
| 118 WFS13-01@18  | 1925       | 6.86       | 0.31       |
| 51 Siaml_74      | 1925.09117 | 5.16299426 | 0.28069538 |
| 51 Siaml_74      | 1925.09117 | 5.16299426 | 0.28069538 |
| 60 lnt-060d      | 1926       | 6.5        | 0.2        |
| 60 lnt-060d      | 1926       | 6.5        | 0.2        |
| 51 Siaml_6       | 1926.05762 | 6.94966799 | 0.25258604 |
| 51 Siaml_6       | 1926.05762 | 6.94966799 | 0.25258604 |
| 60 p11-127       | 1927       | 8.2        | 0.4        |
| 60 p11-127       | 1927       | 8.2        | 0.4        |
| 51 CS11-19-44    | 1927.68922 | 10.3064413 | 0.99449277 |
| 51 CS11-19-44    | 1927.68922 | 10.3064413 | 0.99449277 |
| 61 08SC11-33     | 1928       | 6.1        | 0.25       |
| 61 08SC11-33     | 1928       | 6.1        | 0.25       |
| 19 08LL06 33     | 1929       | 7.2        | 0.39       |
| 19 08LL06 33     | 1929       | 7.2        | 0.39       |
| 118 WFS13-01@61  | 1929       | 6.47       | 0.34       |
| 118 WFS13-01@51  | 1929       | 6.76       | 0.32       |
| 18 NIL-anu-zrn-l | 1929.87578 | 9.08919229 | 0.60085122 |
| 18 NIL-anu-zrn-l | 1929.87578 | 9.08919229 | 0.60085122 |
| 118 WFS13-01@40  | 1930       | 5.99       | 0.44       |
| 18 NIL-anu-zrn-l | 1930.99647 | 8.42510627 | 1.00233484 |
| 18 NIL-anu-zrn-l | 1930.99647 | 8.42510627 | 1.00233484 |
| 118 WFS13-01@12  | 1933       | 6.14       | 0.23       |
| 119 35.1         | 1933       | 6          | 0.3154     |
| 38 1050          | 1935       | 7          |            |
| 38 1050          | 1935       | 7          |            |
| 18 CNG2-anu-zrn- | 1935.16687 | 5.84596237 | 0.59925023 |
| 18 CNG2-anu-zrn- | 1935.16687 | 5.84596237 | 0.59925023 |
| 51 Siaml_115     | 1935.377   | 4.62701542 | 0.24138097 |
| 51 Siaml_115     | 1935.377   | 4.62701542 | 0.24138097 |
| 35 07LSC3_40     | 1936       | 4.8        | 0.4        |
| 35 07LSC3_40     | 1936       | 4.8        | 0.4        |
| 98 IV22-13C      | 1936       | 6.27       | 0.4        |
| 30 n2539-rpt-b3! | 1938       | 5.71       | 0.28       |
| 30 n2539-rpt-b3! | 1938       | 5.71       | 0.28       |
| 37 07SC49@83     | 1938       | 6.05       | 0.35       |
| 37 07SC49@83     | 1938       | 6.05       | 0.35       |
| 123              | 1938       | 6.60811097 | 0.10949042 |
| 19 08LL04 31     | 1939       | 5.3        | 0.21       |



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| 19 08LL04 31     | 1939       | 5.3        | 0.21       |
| 98 IV22-5C       | 1939       | 7.62       | 0.3        |
| 118 WFS13-01@10  | 1939       | 2.78       | 0.43       |
| 118 WFS13-01@92  | 1939       | 5.67       | 0.22       |
| 118 AGQ13-08@22  | 1939       | 6.47       | 0.35       |
| 18 CNG2-anu-zrn- | 1939.06504 | 7.89322865 | 0.58443105 |
| 18 CNG2-anu-zrn- | 1939.06504 | 7.89322865 | 0.58443105 |
| 56 HUD85-9       | 1940       | 6.82       |            |
| 56 HUD85-9       | 1940       | 6.82       |            |
| 118 WFS13-01@84  | 1940       | 6.43       | 0.39       |
| 118 WFS13-01@69  | 1940       | 7.23       | 0.4        |
| 118 AGQ13-08@31  | 1940       | 8.68       | 0.36       |
| 123              | 1940       | 6.75141829 | 0.11965637 |
| 18 NGR1-anu-zrn- | 1940.40866 | 9.0870709  | 0.59205635 |
| 18 NGR1-anu-zrn- | 1940.40866 | 9.0870709  | 0.59205635 |
| 118 AGQ13-08@24  | 1941       | 7.02       | 0.28       |
| 18 CNG2-anu-zrn- | 1941.69764 | 6.3609703  | 0.60319941 |
| 18 CNG2-anu-zrn- | 1941.69764 | 6.3609703  | 0.60319941 |
| 37 07SC65@77     | 1942       | 5.27       | 0.53       |
| 37 07SC65@77     | 1942       | 5.27       | 0.53       |
| 118 WFS13-01@08  | 1942       | 4.64       | 0.3        |
| 118 WFS13-01@49  | 1943       | 6.04       | 0.31       |
| 98 IV63-2C       | 1944       | 5.72       | 0.3        |
| 119 44.1         | 1944       | 5.7772     | 0.365      |
| 118 WFS13-01@88  | 1945       | 7.05       | 0.45       |
| 118 WFS13-01@26  | 1946       | 4.31       | 0.2        |
| 106 10GD48-81    | 1947       | 8.64       | 0.29       |
| 118 WFS13-01@90  | 1947       | 6.17       | 0.24       |
| 118 WFS13-01@42  | 1948       | 5.4        | 0.38       |
| 18 NGR1-anu-zrn- | 1948.02806 | 8.03878255 | 0.59924366 |
| 18 NGR1-anu-zrn- | 1948.02806 | 8.03878255 | 0.59924366 |
| 98 IV67-2C       | 1949       | 6.64       | 0.35       |
| 123              | 1949       | 4.9        | 0.07560275 |
| 38 E-31          | 1950       | 6          |            |
| 38 E-31          | 1950       | 6          |            |
| 38 CTU-5         | 1950       | 7.7        |            |
| 38 CTU-5         | 1950       | 7.7        |            |
| 118 WFS13-01@30  | 1950       | 6.03       | 0.27       |
| 11 01TT02(2)-079 | 1950.1     | 6.75498198 | 0.3518384  |
| 11 01TT02(2)-079 | 1950.1     | 6.75498198 | 0.3518384  |
| 118 WFS13-01@57  | 1951       | 5.44       | 0.3        |
| 119 29.1         | 1951       | 8          | 0.5165     |
| 18 NIL-anu-zrn-l | 1952.17397 | 5.54928842 | 0.96097644 |
| 18 NIL-anu-zrn-l | 1952.17397 | 5.54928842 | 0.96097644 |
| 35 09LSC4_125.1  | 1953       | 10.1       | 0.2        |

|     |               |            |            |            |
|-----|---------------|------------|------------|------------|
| 35  | 09LSC4_125.1  | 1953       | 10.1       | 0.2        |
| 18  | CNG2-anu-zrn- | 1953.77405 | 9.75126599 | 0.59088345 |
| 18  | CNG2-anu-zrn- | 1953.77405 | 9.75126599 | 0.59088345 |
| 118 | WFS13-01@31   | 1957       | 3.33       | 0.35       |
| 98  | IV46-5C       | 1959       | 6.84       | 0.21       |
| 98  | IV63-6C       | 1959       | 7.42       | 0.2        |
| 119 | 26.1          | 1959       | 5          | 0.291      |
| 18  | NGR1-anu-zrn- | 1959.64033 | 6.97094924 | 0.63284039 |
| 18  | NGR1-anu-zrn- | 1959.64033 | 6.97094924 | 0.63284039 |
| 94  | 165593@14.asc | 1962       | 6.7        | 0.3        |
| 119 | 18.1          | 1963       | 6.582      | 0.3025     |
| 52  | BBF-29-84     | 1963.0471  | 6.91603423 | 0.66588417 |
| 52  | BBF-29-84     | 1963.0471  | 6.91603423 | 0.66588417 |
| 118 | WFS13-01@98   | 1965       | 7.44       | 0.33       |
| 62  | TGS-7-2.S02   | 1966       | 14.1       | 0.2        |
| 62  | TGS-7-2.S02   | 1966       | 14.1       | 0.2        |
| 18  | CNG2-anu-zrn- | 1966.62752 | 6.89895098 | 0.61137006 |
| 18  | CNG2-anu-zrn- | 1966.62752 | 6.89895098 | 0.61137006 |
| 37  | 07SC65@56     | 1967       | 8.64       | 0.27       |
| 37  | 07SC65@56     | 1967       | 8.64       | 0.27       |
| 119 | 5.1           | 1969       | 6          | 0.3568     |
| 51  | BBF-11-50     | 1969.05523 | 12.2347396 | 1.12512359 |
| 51  | BBF-11-50     | 1969.05523 | 12.2347396 | 1.12512359 |
| 51  | Siam1_49      | 1969.14173 | 7.78484617 | 0.27955336 |
| 51  | Siam1_49      | 1969.14173 | 7.78484617 | 0.27955336 |
| 18  | CNG2-anu-zrn- | 1969.48122 | 9.23659386 | 0.57727933 |
| 18  | CNG2-anu-zrn- | 1969.48122 | 9.23659386 | 0.57727933 |
| 18  | CNG2-anu-zrn- | 1970.54631 | 5.33748502 | 0.59313517 |
| 18  | CNG2-anu-zrn- | 1970.54631 | 5.33748502 | 0.59313517 |
| 18  | CNG2-anu-zrn- | 1970.78527 | 7.18217407 | 0.60054945 |
| 18  | CNG2-anu-zrn- | 1970.78527 | 7.18217407 | 0.60054945 |
| 107 | IT/5_10       | 1971       | 6.98       | 0.24       |
| 11  | 01TT02(2)-06  | 1971.1     | 6.93133252 | 0.247382   |
| 11  | 01TT02(2)-06  | 1971.1     | 6.93133252 | 0.247382   |
| 18  | NIL-anu-zrn-l | 1973.64188 | 6.32271585 | 0.57257426 |
| 18  | NIL-anu-zrn-l | 1973.64188 | 6.32271585 | 0.57257426 |
| 11  | 01TT02(2)-02  | 1974       | 10.9624017 | 0.2634618  |
| 11  | 01TT02(2)-02  | 1974       | 10.9624017 | 0.2634618  |
| 30  | n2539-rpt-b40 | 1974       | 3.93       | 0.35       |
| 30  | n2539-rpt-b40 | 1974       | 3.93       | 0.35       |
| 30  | n2539-rpt-b2  | 1974       | 9.01       | 0.26       |
| 30  | n2539-rpt-b2  | 1974       | 9.01       | 0.26       |
| 19  | 08LL04 51     | 1975       | 9.32       | 0.29       |
| 19  | 08LL04 51     | 1975       | 9.32       | 0.29       |
| 119 | 40.1          | 1976       | 6.1501     | 0.3562     |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 51 CS11-6_46     | 1977.75531 | 10.3040476 | 0.23470884 |
| 51 CS11-6_46     | 1977.75531 | 10.3040476 | 0.23470884 |
| 30 n2539-rpt-38  | 1978       | 5.58       | 0.36       |
| 30 n2539-rpt-38  | 1978       | 5.58       | 0.36       |
| 30 n2539-rpt-b29 | 1979       | 4.77       | 0.29       |
| 30 n2539-rpt-b29 | 1979       | 4.77       | 0.29       |
| 118 WFS13-01@68  | 1979       | 6.8        | 0.36       |
| 51 Siam1_26      | 1979.21782 | 7.53864625 | 0.2305692  |
| 51 Siam1_26      | 1979.21782 | 7.53864625 | 0.2305692  |
| 119 8.1          | 1980       | 5.9033     | 0.3271     |
| 123              | 1981       | 7.6        | 0.12929254 |
| 123              | 1983       | 6.45       | 0.09020528 |
| 94 CS15-8@18.asc | 1984       | 10.2       | 1.0        |
| 119 27.1         | 1985       | 7.2065     | 0.6805     |
| 51 CS11-1-12     | 1985.41133 | 6.17696859 | 0.46055005 |
| 51 CS11-1-12     | 1985.41133 | 6.17696859 | 0.46055005 |
| 11 01TT02(2)-04  | 1986       | 7.65301215 | 0.2681152  |
| 11 01TT02(2)-04  | 1986       | 7.65301215 | 0.2681152  |
| 30 n2539-rpt-39  | 1986       | 6.14       | 0.27       |
| 30 n2539-rpt-39  | 1986       | 6.14       | 0.27       |
| 35 09LSC1_2.1    | 1986       | 6.2        | 0.2        |
| 35 09LSC1_2.1    | 1986       | 6.2        | 0.2        |
| 30 n2539-rpt-b20 | 1987       | 4.37       | 0.31       |
| 30 n2539-rpt-b20 | 1987       | 4.37       | 0.31       |
| 30 n2539-rpt-b5  | 1988       | 6.95       | 0.29       |
| 30 n2539-rpt-b5  | 1988       | 6.95       | 0.29       |
| 18 CNG2-anu-zrn  | 1988.20942 | 10.1112605 | 0.60195733 |
| 18 CNG2-anu-zrn  | 1988.20942 | 10.1112605 | 0.60195733 |
| 51 Siam1_1       | 1988.58885 | 5.6010729  | 0.26111475 |
| 51 Siam1_1       | 1988.58885 | 5.6010729  | 0.26111475 |
| 47 PMOG-441_41-6 | 1989       | 6.9        | 0.3        |
| 47 PMOG-441_41-6 | 1989       | 6.9        | 0.3        |
| 18 CNG2-anu-zrn  | 1989.99409 | 6.60350653 | 0.61006362 |
| 18 CNG2-anu-zrn  | 1989.99409 | 6.60350653 | 0.61006362 |
| 38 5115          | 1990       | 7.6        |            |
| 38 5115          | 1990       | 7.6        |            |
| 18 CNG2-anu-zrn  | 1990.47672 | 6.30948996 | 0.61892309 |
| 18 CNG2-anu-zrn  | 1990.47672 | 6.30948996 | 0.61892309 |
| 18 CNG2-anu-zrn  | 1990.72349 | 6.66961944 | 0.5970288  |
| 18 CNG2-anu-zrn  | 1990.72349 | 6.66961944 | 0.5970288  |
| 119 25.1         | 1991       | 5          | 0.3563     |
| 119 49.1         | 1991       | 7          | 0.3223     |
| 61 08SC11-40     | 1993       | 6.9        | 0.26       |
| 61 08SC11-40     | 1993       | 6.9        | 0.26       |
| 106 10GD48-115   | 1993       | 5.92       | 0.35       |

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|-------------------|------------|------------|------------|
| 30 n2539-rpt-31   | 1994       | 6.68       | 0.29       |
| 30 n2539-rpt-31   | 1994       | 6.68       | 0.29       |
| 11 01TT02(2)-00   | 1994.9     | 6.62624079 | 0.3545924  |
| 11 01TT02(2)-00   | 1994.9     | 6.62624079 | 0.3545924  |
| 119 33.1          | 1995       | 6          | 0.3452     |
| 18 NIL-anu-zrn-l  | 1995.53534 | 7.34550086 | 0.56124844 |
| 18 NIL-anu-zrn-l  | 1995.53534 | 7.34550086 | 0.56124844 |
| 119 41.1          | 1996       | 7.1808     | 0.3022     |
| 61 08SC07-57      | 1997       | 6.3        | 0.23       |
| 61 08SC07-57      | 1997       | 6.3        | 0.23       |
| 94 177921@12. asc | 1997       | 6.9        | 0.4        |
| 51 Siam1_11       | 1997.00347 | 8.23421107 | 0.265725   |
| 51 Siam1_11       | 1997.00347 | 8.23421107 | 0.265725   |
| 18 NGR1-anu-zrn-  | 1997.05444 | 8.90558876 | 0.58925439 |
| 18 NGR1-anu-zrn-  | 1997.05444 | 8.90558876 | 0.58925439 |
| 18 CNG2-anu-zrn-  | 1997.36649 | 7.62451777 | 0.59555506 |
| 18 CNG2-anu-zrn-  | 1997.36649 | 7.62451777 | 0.59555506 |
| 61 08SC07-22      | 1998       | 5.8        | 0.2        |
| 61 08SC07-22      | 1998       | 5.8        | 0.2        |
| 52 BBF-29-37      | 1998.70394 | 6.36485791 | 0.63035362 |
| 52 BBF-29-37      | 1998.70394 | 6.36485791 | 0.63035362 |
| 37 07SC51-1@83    | 1999       | 6.54       | 0.31       |
| 37 07SC51-1@83    | 1999       | 6.54       | 0.31       |
| 94 CS15-8@13. asc | 1999       | 9.5        | 0.9        |
| 38 980/64         | 2000       | 5.8        |            |
| 38 980/64         | 2000       | 5.8        |            |
| 38 111/62         | 2000       | 6          |            |
| 38 111/62         | 2000       | 6          |            |
| 60 p11-121        | 2000       | 5.6        | 0.3        |
| 60 p11-121        | 2000       | 5.6        | 0.3        |
| 10 1774-25        | 2001       | 7.7        | 0.6        |
| 10 1774-25        | 2001       | 7.7        | 0.6        |
| 118 WFS13-01@24   | 2001       | 7.02       | 0.36       |
| 30 n2539-rpt-12   | 2002       | 5.75       | 0.27       |
| 30 n2539-rpt-12   | 2002       | 5.75       | 0.27       |
| 51 CS12-24-5      | 2003.72572 | 4.70919784 | 0.38938108 |
| 51 CS12-24-5      | 2003.72572 | 4.70919784 | 0.38938108 |
| 61 08SC11-16      | 2004       | 6.1        | 0.23       |
| 61 08SC11-16      | 2004       | 6.1        | 0.23       |
| 61 08SC07-32      | 2004       | 6.8        | 0.24       |
| 61 08SC07-32      | 2004       | 6.8        | 0.24       |
| 94 177097@29. asc | 2004       | 6.5        | 0.2        |
| 20 CM1. L4. 1     | 2005       | 6.4        | 0.3        |
| 20 CM1. L4. 1     | 2005       | 6.4        | 0.3        |
| 20 CM1. L4. 1     | 2005       | 6.4        | 0.3        |

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|-------------------|------------|------------|------------|
| 118 AGQ13-08@75   | 2005       | 7.15       | 0.29       |
| 94 CS15-6@14. asc | 2005       | 10.9       | 0.6        |
| 18 ZMB2-anu-zrn-  | 2005.62229 | 6.82562749 | 0.54596361 |
| 18 ZMB2-anu-zrn-  | 2005.62229 | 6.82562749 | 0.54596361 |
| 30 n2539-rpt-b6!  | 2006       | 9.75       | 0.26       |
| 30 n2539-rpt-b6!  | 2006       | 9.75       | 0.26       |
| 56 HUD85-8        | 2006       | 7.74       |            |
| 56 HUD85-8        | 2006       | 7.74       |            |
| 61 08SC11-72      | 2006       | 7.1        | 0.22       |
| 61 08SC11-72      | 2006       | 7.1        | 0.22       |
| 94 165593@23. asc | 2006       | 7.5        | 0.3        |
| 51 CS12-24-33     | 2006.37683 | 7.06930307 | 0.5766356  |
| 51 CS12-24-33     | 2006.37683 | 7.06930307 | 0.5766356  |
| 18 CNG2-anu-zrn-  | 2011.11273 | 4.82383298 | 0.6021377  |
| 18 CNG2-anu-zrn-  | 2011.11273 | 4.82383298 | 0.6021377  |
| 62 TGS-7-2. S07   | 2012       | 6.2        | 0.3        |
| 62 TGS-7-2. S07   | 2012       | 6.2        | 0.3        |
| 18 ZMB2-anu-zrn-  | 2012.44539 | 6.59744311 | 0.55366228 |
| 18 ZMB2-anu-zrn-  | 2012.44539 | 6.59744311 | 0.55366228 |
| 11 01TT02(2)-05!  | 2012.9     | 9.29410345 | 0.2863686  |
| 11 01TT02(2)-05!  | 2012.9     | 9.29410345 | 0.2863686  |
| 94 165593@16. asc | 2013       | 6.6        | 0.3        |
| 51 BBF-11-65      | 2013.04643 | 5.61404776 | 0.45887261 |
| 51 BBF-11-65      | 2013.04643 | 5.61404776 | 0.45887261 |
| 11 01TT02(2)-13!  | 2013.6     | 8.2584337  | 0.3546004  |
| 11 01TT02(2)-13!  | 2013.6     | 8.2584337  | 0.3546004  |
| 94 CS15-6@4. asc  | 2014       | 8.8        | 0.5        |
| 30 n2539-rpt-43   | 2015       | 5.93       | 0.29       |
| 30 n2539-rpt-43   | 2015       | 5.93       | 0.29       |
| 30 n2539-rpt-8    | 2015       | 8.97       | 0.3        |
| 30 n2539-rpt-8    | 2015       | 8.97       | 0.3        |
| 11 01TT02(2)-06'  | 2015.2     | 8.38623534 | 0.2959396  |
| 11 01TT02(2)-06'  | 2015.2     | 8.38623534 | 0.2959396  |
| 118 AGQ13-08@66   | 2016       | 7.66       | 0.31       |
| 11 01TT02(2)-11'  | 2017.8     | 10.9434787 | 0.336887   |
| 11 01TT02(2)-11'  | 2017.8     | 10.9434787 | 0.336887   |
| 18 NIL-anu-zrn-l  | 2018.64498 | 9.71076854 | 0.57188513 |
| 18 NIL-anu-zrn-l  | 2018.64498 | 9.71076854 | 0.57188513 |
| 20 BB1. 12        | 2019       | 5.7        | 0.7        |
| 20 BB1. 12        | 2019       | 5.7        | 0.7        |
| 20 BB1. 12        | 2019       | 5.7        | 0.7        |
| 19 08LL06 32      | 2020       | 7.09       | 0.28       |
| 19 08LL06 32      | 2020       | 7.09       | 0.28       |
| 11 01TT02(2)-01!  | 2020.4     | 10.0191572 | 0.242946   |
| 11 01TT02(2)-01!  | 2020.4     | 10.0191572 | 0.242946   |

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|-------------------|-------------|-------------|-------------|
| 18 CNG2-anu-zrn-  | 2020. 93995 | 8. 78680743 | 0. 58715133 |
| 18 CNG2-anu-zrn-  | 2020. 93995 | 8. 78680743 | 0. 58715133 |
| 20 BB3. 3. 17     | 2021        | 5. 9        | 0. 5        |
| 20 BB3. 3. 17     | 2021        | 5. 9        | 0. 5        |
| 20 BB3. 3. 17     | 2021        | 5. 9        | 0. 5        |
| 118 WFS13-01@44   | 2021        | 8. 54       | 0. 34       |
| 61 08SC11-62      | 2022        | 7. 4        | 0. 2        |
| 61 08SC11-62      | 2022        | 7. 4        | 0. 2        |
| 51 CS11-1-30      | 2022. 92111 | 6. 80633586 | 0. 51159501 |
| 51 CS11-1-30      | 2022. 92111 | 6. 80633586 | 0. 51159501 |
| 94 177921@30. asc | 2023        | 5. 7        | 0. 4        |
| 94 165593@13. asc | 2023        | 6. 1        | 0. 2        |
| 51 BBF-11-31      | 2024. 93975 | 7. 91927615 | 0. 62498497 |
| 51 BBF-11-31      | 2024. 93975 | 7. 91927615 | 0. 62498497 |
| 11 01TT02(2)-04:  | 2025. 5     | 7. 59427214 | 0. 24608    |
| 11 01TT02(2)-04:  | 2025. 5     | 7. 59427214 | 0. 24608    |
| 30 n2539-rpt-2    | 2026        | 5. 21       | 0. 29       |
| 30 n2539-rpt-2    | 2026        | 5. 21       | 0. 29       |
| 94 165592@8. asc  | 2026        | 6. 7        | 0. 3        |
| 51 Siam1_39       | 2026. 60935 | 7. 00771512 | 0. 22207047 |
| 51 Siam1_39       | 2026. 60935 | 7. 00771512 | 0. 22207047 |
| 94 165591@28. asc | 2027        | 6. 8        | 0. 3        |
| 11 01TT02(2)-02:  | 2028. 7     | 8. 61159154 | 0. 2008776  |
| 11 01TT02(2)-02:  | 2028. 7     | 8. 61159154 | 0. 2008776  |
| 94 165593@11. asc | 2030        | 5. 7        | 0. 2        |
| 94 165593@24. asc | 2030        | 7. 5        | 0. 3        |
| 94 CS15-6@43. asc | 2031        | 7. 6        | 0. 4        |
| 10 1746-43        | 2032        | 7. 3        | 0. 5        |
| 10 1746-43        | 2032        | 7. 3        | 0. 5        |
| 47 PMOG-441_41-   | 2032        | 8. 4        | 0. 3        |
| 47 PMOG-441_41-   | 2032        | 8. 4        | 0. 3        |
| 118 WFS13-01@13   | 2034        | 4. 79       | 0. 35       |
| 94 CS15-6@40. asc | 2034        | 8. 4        | 0. 5        |
| 123               | 2036. 62027 | 5. 96       | 0. 09529937 |
| 11 01TT02(2)-06:  | 2036. 8     | 8. 12449012 | 0. 2725274  |
| 11 01TT02(2)-06:  | 2036. 8     | 8. 12449012 | 0. 2725274  |
| 94 179098@1. asc  | 2039        | 5. 9        | 0. 2        |
| 121 21            | 2039        | 6.78        | 0.21        |
| 11 01TT02(2)-02:  | 2040. 1     | 7. 05228279 | 0. 18486268 |
| 11 01TT02(2)-02:  | 2040. 1     | 7. 05228279 | 0. 18486268 |
| 94 165593@27. asc | 2041        | 7. 0        | 0. 3        |
| 118 WFS13-01@03   | 2041        | 6. 27       | 0. 34       |
| 30 n2539-rpt-b4:  | 2042        | 5. 6        | 0. 35       |
| 30 n2539-rpt-b4:  | 2042        | 5. 6        | 0. 35       |
| 94 179098@5. asc  | 2042        | 5. 7        | 0. 2        |

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| 11 01TT02(2)-06: | 2042.9     | 6.90925969 | 0.2378     |
| 11 01TT02(2)-06: | 2042.9     | 6.90925969 | 0.2378     |
| 18 ZMB2-anu-zrn- | 2042.90603 | 6.58483479 | 0.95743763 |
| 18 ZMB2-anu-zrn- | 2042.90603 | 6.58483479 | 0.95743763 |
| 47 PMOG-233_33-  | 2043       | 6.1        | 0.3        |
| 47 PMOG-233_33-  | 2043       | 6.1        | 0.3        |
| 11 01TT02(2)-05: | 2043.1     | 6.81421314 | 0.336403   |
| 11 01TT02(2)-05: | 2043.1     | 6.81421314 | 0.336403   |
| 35 07LSC6_49.2   | 2044       | 3.4        | 0.2        |
| 35 07LSC6_49.2   | 2044       | 3.4        | 0.2        |
| 11 01TT02(2)-110 | 2044.1     | 11.1025775 | 0.2965612  |
| 11 01TT02(2)-110 | 2044.1     | 11.1025775 | 0.2965612  |
| 94 CS15-6@35.asc | 2045       | 8.5        | 0.5        |
| 11 01TT02(2)-050 | 2045       | 9.03412484 | 0.2339476  |
| 11 01TT02(2)-050 | 2045       | 9.03412484 | 0.2339476  |
| 94 179098@3.asc  | 2045       | 7.6        | 0.2        |
| 119 30.1         | 2045       | 9          | 0.3444     |
| 119 32.1         | 2046       | 6          | 0.3409     |
| 123              | 2046       | 8.1956175  | 0.10319088 |
| 37 07SC51-1@56   | 2047       | 7.15       | 0.35       |
| 37 07SC51-1@56   | 2047       | 7.15       | 0.35       |
| 11 01TT02(2)-020 | 2047.6     | 7.36284456 | 0.3161512  |
| 11 01TT02(2)-020 | 2047.6     | 7.36284456 | 0.3161512  |
| 30 n2539-rpt-51  | 2048       | 7.47       | 0.32       |
| 30 n2539-rpt-51  | 2048       | 7.47       | 0.32       |
| 37 07SC49@37     | 2048       | 5.41       | 0.28       |
| 37 07SC49@37     | 2048       | 5.41       | 0.28       |
| 123              | 2048       | 7.01506382 | 0.12947481 |
| 11 01TT02(2)-020 | 2048.7     | 10.4022742 | 0.227923   |
| 11 01TT02(2)-020 | 2048.7     | 10.4022742 | 0.227923   |
| 56 OM-165        | 2050       | 4.69       |            |
| 56 OM-165        | 2050       | 4.69       |            |
| 119 20.1         | 2050       | 8.8234     | 0.2991     |
| 94 165592@3.asc  | 2051       | 7.7        | 0.3        |
| 118 WFS13-01@73  | 2051       | 6.57       | 0.36       |
| 18 CNG2-anu-zrn- | 2051.28021 | 12.8844864 | 0.59548361 |
| 18 CNG2-anu-zrn- | 2051.28021 | 12.8844864 | 0.59548361 |
| 11 01TT02(2)-05: | 2051.9     | 11.0884755 | 0.3004482  |
| 11 01TT02(2)-05: | 2051.9     | 11.0884755 | 0.3004482  |
| 94 165593@29.asc | 2052       | 7.0        | 0.3        |
| 94 179098@13.asc | 2052       | 7.5        | 0.2        |
| 118 AGQ13-08@43  | 2052       | 7.52       | 0.24       |
| 94 CS15-6@22.asc | 2053       | 6.4        | 0.4        |
| 11 01TT02(2)-02: | 2052.7     | 6.68356701 | 0.19418354 |
| 11 01TT02(2)-02: | 2052.7     | 6.68356701 | 0.19418354 |

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|-------------------|------------|------------|------------|
| 30 n2539-rpt-b4   | 2054       | 5.1        | 0.34       |
| 30 n2539-rpt-b4   | 2054       | 5.1        | 0.34       |
| 94 165593@15. asc | 2056       | 6.8        | 0.3        |
| 11 01TT02(2)-08:  | 2056.5     | 6.83817309 | 0.225229   |
| 11 01TT02(2)-08:  | 2056.5     | 6.83817309 | 0.225229   |
| 94 165591@22. asc | 2057       | 7.1        | 0.3        |
| 94 CS15-6@13. asc | 2058       | 15.7       | 0.9        |
| 37 07SC51-1@21    | 2058       | 6.12       | 0.55       |
| 37 07SC51-1@21    | 2058       | 6.12       | 0.55       |
| 38 865/971        | 2060       | 5.8        |            |
| 38 865/971        | 2060       | 5.8        |            |
| 94 CS15-6@36. asc | 2060       | 7.9        | 0.4        |
| 11 01TT02(2)-02:  | 2060.5     | 8.55043406 | 0.3103942  |
| 11 01TT02(2)-02:  | 2060.5     | 8.55043406 | 0.3103942  |
| 94 CS15-8@54. asc | 2061       | 9.5        | 0.7        |
| 11 01TT02(2)-11:  | 2061       | 5.55022557 | 0.3079958  |
| 11 01TT02(2)-11:  | 2061       | 5.55022557 | 0.3079958  |
| 94 179098@14. asc | 2061       | 6.9        | 0.2        |
| 11 01TT02(2)-06:  | 2061.6     | 10.4911314 | 0.2448164  |
| 11 01TT02(2)-06:  | 2061.6     | 10.4911314 | 0.2448164  |
| 11 01TT02(2)-10:  | 2061.7     | 8.63501804 | 0.300383   |
| 11 01TT02(2)-10:  | 2061.7     | 8.63501804 | 0.300383   |
| 56 OM-298         | 2063       | 5.72       |            |
| 56 OM-298         | 2063       | 5.72       |            |
| 18 CNG2-anu-zrn-  | 2063.32657 | 7.78561798 | 0.5916958  |
| 18 CNG2-anu-zrn-  | 2063.32657 | 7.78561798 | 0.5916958  |
| 30 n2539-rpt-41   | 2064       | 5.7        | 0.3        |
| 30 n2539-rpt-41   | 2064       | 5.7        | 0.3        |
| 106 10GD49-27     | 2064       | 4.97       | 0.21       |
| 11 01TT02(2)-05:  | 2064.3     | 7.89142568 | 0.4616376  |
| 11 01TT02(2)-05:  | 2064.3     | 7.89142568 | 0.4616376  |
| 18 NIL-anu-zrn-l  | 2064.50537 | 6.22307914 | 0.55300387 |
| 18 NIL-anu-zrn-l  | 2064.50537 | 6.22307914 | 0.55300387 |
| 58 DDH 508-232    | 2066       | 7.9        |            |
| 58 DDH 508-232    | 2066       | 7.9        |            |
| 94 165592-fauxs-  | 2066       | 5.8        | 0.2        |
| 94 165592-fauxs-  | 2066       | 5.9        | 0.2        |
| 94 165592-fauxs-  | 2066       | 6.0        | 0.2        |
| 94 165592-fauxs-  | 2066       | 6.0        | 0.2        |
| 94 165592-fauxs-  | 2066       | 6.1        | 0.2        |
| 94 165592-fauxs-  | 2066       | 6.7        | 0.3        |
| 52 BBF-29-15      | 2066.29907 | 7.73461666 | 0.71321964 |
| 52 BBF-29-15      | 2066.29907 | 7.73461666 | 0.71321964 |
| 30 n2539-rpt-b2:  | 2067       | 5.27       | 0.25       |
| 30 n2539-rpt-b2:  | 2067       | 5.27       | 0.25       |



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|-------------------|------------|------------|------------|
| 30 n2539-rpt-7    | 2067       | 6.06       | 0.26       |
| 30 n2539-rpt-7    | 2067       | 6.06       | 0.26       |
| 94 165591@31. asc | 2067       | 6.1        | 0.2        |
| 11 01TT02 (2)-03! | 2067.2     | 6.23941323 | 0.16227692 |
| 11 01TT02 (2)-03! | 2067.2     | 6.23941323 | 0.16227692 |
| 94 179602@4. asc  | 2068       | 8.1        | 0.3        |
| 118 WFS13-01@16   | 2068       | 8.47       | 0.34       |
| 18 CNG2-anu-zrn-  | 2068.32903 | 6.10753035 | 0.60470387 |
| 18 CNG2-anu-zrn-  | 2068.32903 | 6.10753035 | 0.60470387 |
| 30 n2539-rpt-25   | 2069       | 6.71       | 0.32       |
| 30 n2539-rpt-25   | 2069       | 6.71       | 0.32       |
| 94 165593@28. asc | 2069       | 6.6        | 0.3        |
| 11 01TT02 (2)-04! | 2069.6     | 10.3704868 | 0.16653858 |
| 11 01TT02 (2)-04! | 2069.6     | 10.3704868 | 0.16653858 |
| 11 01TT02 (2)-12! | 2070.1     | 5.12856509 | 0.2086704  |
| 11 01TT02 (2)-12! | 2070.1     | 5.12856509 | 0.2086704  |
| 11 01TT02 (2)-12! | 2070.4     | 7.42451607 | 0.3328884  |
| 11 01TT02 (2)-12! | 2070.4     | 7.42451607 | 0.3328884  |
| 94 CS15-6@7. asc  | 2071       | 9.8        | 0.6        |
| 30 n2539-rpt-b3!  | 2071       | 3.31       | 0.33       |
| 30 n2539-rpt-b3!  | 2071       | 3.31       | 0.33       |
| 118 AGQ13-08@81   | 2071       | 5.38       | 0.24       |
| 51 CS11-1-27      | 2071.26986 | 13.3829379 | 1.02935588 |
| 51 CS11-1-27      | 2071.26986 | 13.3829379 | 1.02935588 |
| 107 WPG90/4_1     | 2072       | 8.34       | 0.14       |
| 51 Siam1_51       | 2072.39294 | 6.59788233 | 0.26156191 |
| 51 Siam1_51       | 2072.39294 | 6.59788233 | 0.26156191 |
| 47 PMOG-233_33-!  | 2073       | 6.8        | 0.3        |
| 47 PMOG-233_33-!  | 2073       | 6.8        | 0.3        |
| 94 179098@6. asc  | 2073       | 6.1        | 0.2        |
| 51 CS11-19-22     | 2073.29738 | 8.48414999 | 0.81317714 |
| 51 CS11-19-22     | 2073.29738 | 8.48414999 | 0.81317714 |
| 11 01TT02 (2)-06! | 2073.4     | 7.27224717 | 0.19502786 |
| 11 01TT02 (2)-06! | 2073.4     | 7.27224717 | 0.19502786 |
| 118 WFS13-01@75   | 2074       | 7.28       | 0.45       |
| 11 01TT02 (2)-10! | 2074.4     | 6.54729348 | 0.2844528  |
| 11 01TT02 (2)-10! | 2074.4     | 6.54729348 | 0.2844528  |
| 20 KK1.2          | 2075       | 6.6        | 0.5        |
| 20 KK1.2          | 2075       | 6.6        | 0.5        |
| 20 KK1.2          | 2075       | 6.6        | 0.5        |
| 94 177097@24. asc | 2075       | 8.0        | 0.2        |
| 11 01TT02 (2)-08' | 2075.3     | 8.48497922 | 0.2616544  |
| 11 01TT02 (2)-08' | 2075.3     | 8.48497922 | 0.2616544  |
| 98 IV46-11C       | 2076       | 7.5        | 0.22       |
| 106 10GD49-85     | 2076       | 5.18       | 0.22       |

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| 47 PMOG-233_33-(  | 2077       | 8          | 0.3        |
| 47 PMOG-233_33-(  | 2077       | 8          | 0.3        |
| 106 10GD48-114    | 2077       | 6.55       | 0.35       |
| 51 CS11-19-45     | 2077.64594 | 7.60648653 | 0.65079609 |
| 51 CS11-19-45     | 2077.64594 | 7.60648653 | 0.65079609 |
| 56 URPR-60        | 2078       | 7.91       |            |
| 56 URPR-60        | 2078       | 7.91       |            |
| 94 CS15-6@21. asc | 2079       | 8.7        | 0.5        |
| 51 CS11-1-20      | 2080.05839 | 4.62471197 | 0.3772662  |
| 51 CS11-1-20      | 2080.05839 | 4.62471197 | 0.3772662  |
| 118 WFS13-01@05   | 2082       | 5.46       | 0.37       |
| 19 08LL06 60      | 2083       | 6.32       | 0.3        |
| 19 08LL06 60      | 2083       | 6.32       | 0.3        |
| 19 08LL06 4       | 2083       | 7.54       | 0.35       |
| 19 08LL06 4       | 2083       | 7.54       | 0.35       |
| 118 WFS13-01@79   | 2083       | 7.53       | 0.35       |
| 94 165593@19. asc | 2084       | 4.8        | 0.2        |
| 62 TGS-7-2. S04   | 2086       | 14.4       | 0.2        |
| 62 TGS-7-2. S04   | 2086       | 14.4       | 0.2        |
| 94 165591@18. asc | 2086       | 6.9        | 0.3        |
| 118 WFS13-01@17   | 2086       | 7.66       | 0.34       |
| 19 08LL06 59      | 2087       | 7.09       | 0.26       |
| 19 08LL06 59      | 2087       | 7.09       | 0.26       |
| 118 WFS13-01@28   | 2087       | 5.6        | 0.27       |
| 11 01TT02(2)-10'  | 2087.2     | 7.73646418 | 0.326659   |
| 11 01TT02(2)-10'  | 2087.2     | 7.73646418 | 0.326659   |
| 18 CNG2-anu-zrn-  | 2089.04938 | 6.73442515 | 0.58671292 |
| 18 CNG2-anu-zrn-  | 2089.04938 | 6.73442515 | 0.58671292 |
| 37 07SC49@12      | 2092       | 6.95       | 0.44       |
| 37 07SC49@12      | 2092       | 6.95       | 0.44       |
| 94 179098@9. asc  | 2092       | 6.0        | 0.2        |
| 118 WFS13-01@82   | 2093       | 4.88       | 0.28       |
| 11 01TT02(2)-02'  | 2094       | 5.21971478 | 0.3019628  |
| 11 01TT02(2)-02'  | 2094       | 5.21971478 | 0.3019628  |
| 118 AGQ13-08@108  | 2095       | 5.6        | 0.31       |
| 10 1774-77b       | 2097       | 5.9        | 0.6        |
| 10 1774-77b       | 2097       | 5.9        | 0.6        |
| 11 01TT02(2)-008  | 2097.8     | 5.97102008 | 0.4210878  |
| 11 01TT02(2)-008  | 2097.8     | 5.97102008 | 0.4210878  |
| 118 WFS13-01@23   | 2099       | 4.79       | 0.28       |
| 11 01TT02(2)-03:  | 2099.3     | 7.70686409 | 0.2481478  |
| 11 01TT02(2)-03:  | 2099.3     | 7.70686409 | 0.2481478  |
| 11 01TT02(2)-066  | 2099.6     | 11.5995889 | 0.2275252  |
| 11 01TT02(2)-066  | 2099.6     | 11.5995889 | 0.2275252  |
| 38 K-1-4          | 2100       | 7.8        |            |

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| 38 K-1-4         | 2100       | 7.8        |            |
| 56 SSAGI-45      | 2100       | 5.35       |            |
| 56 SSAGI-45      | 2100       | 5.35       |            |
| 56 MBAN 2C       | 2100       | 5.61       |            |
| 56 MBAN 2C       | 2100       | 5.61       |            |
| 56 OM-388        | 2100       | 6.05       |            |
| 56 OM-388        | 2100       | 6.05       |            |
| 56 SN            | 2100       | 6.1        |            |
| 56 SN            | 2100       | 6.1        |            |
| 56 MBAN 2B       | 2100       | 6.11       |            |
| 56 MBAN 2B       | 2100       | 6.11       |            |
| 56 HUD85-5       | 2100       | 6.17       |            |
| 56 HUD85-5       | 2100       | 6.17       |            |
| 56 ITATINS-JF-80 | 2100       | 6.18       |            |
| 56 ITATINS-JF-80 | 2100       | 6.18       |            |
| 56 URPR-37       | 2100       | 7.27       |            |
| 56 URPR-37       | 2100       | 7.27       |            |
| 18 CNG2-anu-zrn  | 2100.61947 | 6.65607108 | 0.62768582 |
| 18 CNG2-anu-zrn  | 2100.61947 | 6.65607108 | 0.62768582 |
| 119 9.1          | 2103       | 9          | 0.3567     |
| 11 01TT02(2)-00' | 2103.3     | 6.61165351 | 0.2365728  |
| 11 01TT02(2)-00' | 2103.3     | 6.61165351 | 0.2365728  |
| 94 CS15-8@85.asc | 2104       | 8.7        | 0.7        |
| 11 01TT02(2)-129 | 2104.1     | 6.95146635 | 0.3324766  |
| 11 01TT02(2)-129 | 2104.1     | 6.95146635 | 0.3324766  |
| 11 01TT02(2)-038 | 2105.9     | 9.64019954 | 0.2442964  |
| 11 01TT02(2)-038 | 2105.9     | 9.64019954 | 0.2442964  |
| 11 01TT02(2)-04' | 2107       | 6.48446769 | 0.3927126  |
| 11 01TT02(2)-04' | 2107       | 6.48446769 | 0.3927126  |
| 94 CS15-8@80.asc | 2108       | 9.5        | 0.7        |
| 11 01TT02(2)-038 | 2107.8     | 7.3269664  | 0.2523112  |
| 11 01TT02(2)-038 | 2107.8     | 7.3269664  | 0.2523112  |
| 94 165592@20.asc | 2110       | 5.7        | 0.2        |
| 56 URPR-52A      | 2111       | 6.17       |            |
| 56 URPR-52A      | 2111       | 6.17       |            |
| 123              | 2112.55551 | 7.96       | 0.07939026 |
| 37 07SC49@96     | 2115       | 5.34       | 0.39       |
| 37 07SC49@96     | 2115       | 5.34       | 0.39       |
| 123              | 2115       | 6.24559837 | 0.13554494 |
| 123              | 2115.8521  | 4.47       | 0.08406022 |
| 51 Siam1_40      | 2116.53527 | 6.07996177 | 0.22266669 |
| 51 Siam1_40      | 2116.53527 | 6.07996177 | 0.22266669 |
| 11 01TT02(2)-138 | 2118       | 8.08359126 | 0.266178   |
| 11 01TT02(2)-138 | 2118       | 8.08359126 | 0.266178   |
| 11 01TT02(2)-075 | 2118.3     | 6.46198593 | 0.2580436  |

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| 11 01TT02(2)-07!  | 2118.3     | 6.46198593 | 0.2580436  |
| 94 CS15-8@9. asc  | 2120       | 9.9        | 1.0        |
| 11 01TT02(2)-120  | 2120.6     | 8.7251788  | 0.263833   |
| 11 01TT02(2)-120  | 2120.6     | 8.7251788  | 0.263833   |
| 18 NIL-anu-zrn-l  | 2120.71877 | 5.91314306 | 1.04181803 |
| 18 NIL-anu-zrn-l  | 2120.71877 | 5.91314306 | 1.04181803 |
| 11 01TT02(2)-13:  | 2121.9     | 7.16449754 | 0.4022286  |
| 11 01TT02(2)-13:  | 2121.9     | 7.16449754 | 0.4022286  |
| 123               | 2125.14816 | 7.43       | 0.07045612 |
| 51 Siaml_57       | 2125.84093 | 5.83959872 | 0.26283284 |
| 51 Siaml_57       | 2125.84093 | 5.83959872 | 0.26283284 |
| 119 4.1           | 2126       | 6          | 0.5021     |
| 123               | 2127       | 8.05034213 | 0.06486324 |
| 51 Siaml_72       | 2128.22975 | 5.10744463 | 0.26261215 |
| 51 Siaml_72       | 2128.22975 | 5.10744463 | 0.26261215 |
| 51 Siaml_33       | 2128.75477 | 5.84927444 | 0.25257547 |
| 51 Siaml_33       | 2128.75477 | 5.84927444 | 0.25257547 |
| 94 CS15-6@48. asc | 2130       | 9.5        | 0.5        |
| 11 01TT02(2)-000  | 2130.2     | 7.22248576 | 0.3116762  |
| 11 01TT02(2)-000  | 2130.2     | 7.22248576 | 0.3116762  |
| 11 01TT02(2)-10!  | 2131.2     | 8.52152998 | 0.2670618  |
| 11 01TT02(2)-10!  | 2131.2     | 8.52152998 | 0.2670618  |
| 51 Siaml_22       | 2131.28277 | 5.45245221 | 0.2273419  |
| 51 Siaml_22       | 2131.28277 | 5.45245221 | 0.2273419  |
| 51 Siaml_48       | 2131.45642 | 5.45995831 | 0.22280465 |
| 51 Siaml_48       | 2131.45642 | 5.45995831 | 0.22280465 |
| 51 Siaml_88       | 2131.66282 | 5.36967891 | 0.27719486 |
| 51 Siaml_88       | 2131.66282 | 5.36967891 | 0.27719486 |
| 11 01TT02(2)-00!  | 2131.8     | 6.76870732 | 0.3299206  |
| 11 01TT02(2)-00!  | 2131.8     | 6.76870732 | 0.3299206  |
| 52 BBF-29-17      | 2133.80895 | 5.80999022 | 0.52752035 |
| 52 BBF-29-17      | 2133.80895 | 5.80999022 | 0.52752035 |
| 119 49.1          | 2134       | 6          | 0.3029     |
| 119 23.1          | 2134       | 6          | 0.5007     |
| 94 179602@10. asc | 2135       | 2.1        | 0.1        |
| 94 179602@30. asc | 2135       | 4.6        | 0.2        |
| 11 01TT02(2)-13!  | 2136.5     | 8.35948783 | 0.2905792  |
| 11 01TT02(2)-13!  | 2136.5     | 8.35948783 | 0.2905792  |
| 51 Siaml_9        | 2137.57184 | 5.50599569 | 0.22962597 |
| 51 Siaml_9        | 2137.57184 | 5.50599569 | 0.22962597 |
| 51 Siaml_94       | 2137.8569  | 5.19202019 | 0.29482755 |
| 51 Siaml_94       | 2137.8569  | 5.19202019 | 0.29482755 |
| 56 MJ-138         | 2138       | 3.84       |            |
| 56 MJ-138         | 2138       | 3.84       |            |
| 119 30.1          | 2138       | 6.2116     | 0.3291     |

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| 11 01TT02(2)-130 | 2138.8     | 6.191491   | 0.3636664  |
| 11 01TT02(2)-130 | 2138.8     | 6.191491   | 0.3636664  |
| 51 Siam1_46      | 2139.48424 | 5.38289573 | 0.24183413 |
| 51 Siam1_46      | 2139.48424 | 5.38289573 | 0.24183413 |
| 94 165591-10rea  | 2141       | 5.6        | 0.2        |
| 51 Siam1_90      | 2141.04668 | 5.46176117 | 0.28866212 |
| 51 Siam1_90      | 2141.04668 | 5.46176117 | 0.28866212 |
| 30 n2539-rpt-b2' | 2142       | 7.82       | 0.27       |
| 30 n2539-rpt-b2' | 2142       | 7.82       | 0.27       |
| 51 Siam1_20      | 2142.4597  | 5.34986891 | 0.21717617 |
| 51 Siam1_20      | 2142.4597  | 5.34986891 | 0.21717617 |
| 51 Siam1_89      | 2142.89104 | 5.18000946 | 0.28803654 |
| 51 Siam1_89      | 2142.89104 | 5.18000946 | 0.28803654 |
| 51 Siam1_80      | 2142.98556 | 5.39319992 | 0.26550651 |
| 51 Siam1_80      | 2142.98556 | 5.39319992 | 0.26550651 |
| 37 07SC51-1@53   | 2143       | 9.12       | 0.25       |
| 37 07SC51-1@53   | 2143       | 9.12       | 0.25       |
| 47 PMOG-233_33-  | 2144       | 10.1       | 0.3        |
| 47 PMOG-233_33-  | 2144       | 10.1       | 0.3        |
| 18 CNG2-anu-zrn- | 2144.04968 | 5.76060399 | 0.58114944 |
| 18 CNG2-anu-zrn- | 2144.04968 | 5.76060399 | 0.58114944 |
| 51 Siam1_100     | 2144.19803 | 4.96932123 | 0.26805829 |
| 51 Siam1_100     | 2144.19803 | 4.96932123 | 0.26805829 |
| 11 01TT02(2)-009 | 2145       | 5.37805515 | 0.2798198  |
| 11 01TT02(2)-009 | 2145       | 5.37805515 | 0.2798198  |
| 51 Siam1_45      | 2146.47853 | 5.34436444 | 0.24317189 |
| 51 Siam1_45      | 2146.47853 | 5.34436444 | 0.24317189 |
| 18 NGR1-anu-zrn- | 2146.51854 | 6.49977734 | 0.60169732 |
| 18 NGR1-anu-zrn- | 2146.51854 | 6.49977734 | 0.60169732 |
| 62 TGS-7-1.S03   | 2147       | 7.8        | 0.2        |
| 62 TGS-7-1.S03   | 2147       | 7.8        | 0.2        |
| 51 Siam1_25      | 2147.35483 | 5.46546278 | 0.23292556 |
| 51 Siam1_25      | 2147.35483 | 5.46546278 | 0.23292556 |
| 47 PMOG-233_33-  | 2148       | 5.6        | 0.3        |
| 47 PMOG-233_33-  | 2148       | 5.6        | 0.3        |
| 118 WFS13-01@20  | 2148       | 7.16       | 0.34       |
| 11 01TT02(2)-084 | 2148.4     | 8.15170232 | 0.250762   |
| 11 01TT02(2)-084 | 2148.4     | 8.15170232 | 0.250762   |
| 11 01TT02(2)-049 | 2148.8     | 5.4873056  | 0.3233522  |
| 11 01TT02(2)-049 | 2148.8     | 5.4873056  | 0.3233522  |
| 51 Siam1_78      | 2149.39867 | 5.40971467 | 0.28829985 |
| 51 Siam1_78      | 2149.39867 | 5.40971467 | 0.28829985 |
| 51 Siam1_96      | 2149.71232 | 5.33114448 | 0.28331025 |
| 51 Siam1_96      | 2149.71232 | 5.33114448 | 0.28331025 |
| 38 K-1-1         | 2150       | 7.2        |            |

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| 38 K-1-1         | 2150       | 7.2        |            |
| 18 NGR1-anu-zrn- | 2151.47136 | 5.60238085 | 0.59178185 |
| 18 NGR1-anu-zrn- | 2151.47136 | 5.60238085 | 0.59178185 |
| 11 01TT02(2)-050 | 2151.7     | 6.01779434 | 0.18077776 |
| 11 01TT02(2)-050 | 2151.7     | 6.01779434 | 0.18077776 |
| 94 165593@25.asc | 2152       | 6.9        | 0.3        |
| 94 165593@35.asc | 2152       | 7.6        | 0.3        |
| 11 01TT02(2)-11: | 2152.6     | 7.86041569 | 0.3300134  |
| 11 01TT02(2)-11: | 2152.6     | 7.86041569 | 0.3300134  |
| 51 Siaml_4       | 2152.95902 | 5.20825392 | 0.21481957 |
| 51 Siaml_4       | 2152.95902 | 5.20825392 | 0.21481957 |
| 47 PMOG-233_33-  | 2153       | 6.4        | 0.3        |
| 47 PMOG-233_33-  | 2153       | 6.4        | 0.3        |
| 61 08SC11-67     | 2153       | 7.7        | 0.29       |
| 61 08SC11-67     | 2153       | 7.7        | 0.29       |
| 51 Siaml_8       | 2154.80155 | 5.52951479 | 0.22805133 |
| 51 Siaml_8       | 2154.80155 | 5.52951479 | 0.22805133 |
| 47 PMOG-233_33-  | 2155       | 5.9        | 0.3        |
| 47 PMOG-233_33-  | 2155       | 5.9        | 0.3        |
| 94 179602@1.asc  | 2155       | 6.4        | 0.3        |
| 47 PMOG-441_41-  | 2156       | 5.6        | 0.3        |
| 47 PMOG-441_41-  | 2156       | 5.6        | 0.3        |
| 51 Siaml_92      | 2158.79452 | 5.13747146 | 0.26869321 |
| 51 Siaml_92      | 2158.79452 | 5.13747146 | 0.26869321 |
| 10 1774-43       | 2159       | 7.3        | 0.5        |
| 10 1774-43       | 2159       | 7.3        | 0.5        |
| 37 07SC65@21     | 2159       | 6.15       | 0.36       |
| 37 07SC65@21     | 2159       | 6.15       | 0.36       |
| 51 Siaml_18      | 2159.46302 | 5.39140264 | 0.28329964 |
| 51 Siaml_18      | 2159.46302 | 5.39140264 | 0.28329964 |
| 11 01TT02(2)-07: | 2159.7     | 4.10631886 | 0.326239   |
| 11 01TT02(2)-07: | 2159.7     | 4.10631886 | 0.326239   |
| 20 KK1.15        | 2160       | 7          | 0.5        |
| 20 KK1.15        | 2160       | 7          | 0.5        |
| 20 KK1.15        | 2160       | 7          | 0.5        |
| 20 KK1.15b       | 2160       | 7.4        | 0.4        |
| 20 KK1.15b       | 2160       | 7.4        | 0.4        |
| 20 KK1.15b       | 2160       | 7.4        | 0.4        |
| 51 Siaml_24      | 2161.56649 | 5.91082442 | 0.24719334 |
| 51 Siaml_24      | 2161.56649 | 5.91082442 | 0.24719334 |
| 107 WPG90/4_3    | 2162       | 5.74       | 0.2        |
| 119 1.1          | 2162       | 4.4033     | 0.4874     |
| 19 08LL06 47     | 2163       | 7.09       | 0.14       |
| 19 08LL06 47     | 2163       | 7.09       | 0.14       |
| 47 PMOG-233_33-  | 2163       | 7.8        | 0.3        |

|                   |        |            |            |
|-------------------|--------|------------|------------|
| 47 PMOG-233_33-4  | 2163   | 7.8        | 0.3        |
| 94 165593@9. asc  | 2163   | 8.8        | 0.4        |
| 11 01TT02(2)-128  | 2164.5 | 6.43918959 | 0.3501138  |
| 11 01TT02(2)-128  | 2164.5 | 6.43918959 | 0.3501138  |
| 11 01TT02(2)-100  | 2165.9 | 7.89488179 | 0.2479206  |
| 11 01TT02(2)-100  | 2165.9 | 7.89488179 | 0.2479206  |
| 94 165592@19. asc | 2166   | 6.4        | 0.3        |
| 94 179098@10. asc | 2168   | 7.0        | 0.2        |
| 11 01TT02(2)-130  | 2169.7 | 8.73193574 | 0.3637456  |
| 11 01TT02(2)-130  | 2169.7 | 8.73193574 | 0.3637456  |
| 47 PMOG-441_41-4  | 2171   | 7.5        | 0.3        |
| 47 PMOG-441_41-4  | 2171   | 7.5        | 0.3        |
| 11 01TT02(2)-070  | 2171.4 | 8.17504439 | 0.3350208  |
| 11 01TT02(2)-070  | 2171.4 | 8.17504439 | 0.3350208  |
| 11 01TT02(2)-050  | 2171.6 | 6.41470349 | 0.16564024 |
| 11 01TT02(2)-050  | 2171.6 | 6.41470349 | 0.16564024 |
| 11 01TT02(2)-060  | 2172.4 | 6.90014937 | 0.2848762  |
| 11 01TT02(2)-060  | 2172.4 | 6.90014937 | 0.2848762  |
| 94 165591@16. asc | 2173   | 8.0        | 0.3        |
| 118 AGQ13-08@64   | 2173   | 7.53       | 0.4        |
| 11 01TT02(2)-100  | 2173.5 | 6.45267412 | 0.2227746  |
| 11 01TT02(2)-100  | 2173.5 | 6.45267412 | 0.2227746  |
| 118 AGQ13-08@05   | 2174   | 6          | 0.3        |
| 11 01TT02(2)-050  | 2175.1 | 6.93075342 | 0.2358838  |
| 11 01TT02(2)-050  | 2175.1 | 6.93075342 | 0.2358838  |
| 11 01TT02(2)-080  | 2175.7 | 5.26659409 | 0.3835468  |
| 11 01TT02(2)-080  | 2175.7 | 5.26659409 | 0.3835468  |
| 11 01TT02(2)-000  | 2175.8 | 7.72076055 | 0.3536124  |
| 11 01TT02(2)-000  | 2175.8 | 7.72076055 | 0.3536124  |
| 11 01TT02(2)-030  | 2176.2 | 6.17202191 | 0.3108138  |
| 11 01TT02(2)-030  | 2176.2 | 6.17202191 | 0.3108138  |
| 11 01TT02(2)-070  | 2177   | 5.31622888 | 0.2900726  |
| 11 01TT02(2)-070  | 2177   | 5.31622888 | 0.2900726  |
| 11 01TT02(2)-020  | 2178.6 | 5.84568031 | 0.2562186  |
| 11 01TT02(2)-020  | 2178.6 | 5.84568031 | 0.2562186  |
| 118 WFS13-01@65   | 2180   | 6.71       | 0.28       |
| 94 CS15-5@21. asc | 2181   | 8.7        | 0.5        |
| 94 CS15-5@40. asc | 2182   | 9.2        | 0.5        |
| 94 179098@11. asc | 2183   | 8.1        | 0.2        |
| 11 01TT02(2)-080  | 2183.1 | 6.13457654 | 0.3022608  |
| 11 01TT02(2)-080  | 2183.1 | 6.13457654 | 0.3022608  |
| 11 01TT02(2)-030  | 2183.6 | 6.79030598 | 0.2285456  |
| 11 01TT02(2)-030  | 2183.6 | 6.79030598 | 0.2285456  |
| 94 179602@23. asc | 2184   | 6.2        | 0.2        |
| 118 WFS13-01@53   | 2184   | 5.98       | 0.27       |

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|-------------------|------------|------------|------------|
| 11 01TT02(2)-09'  | 2185.4     | 5.74307484 | 0.2743986  |
| 11 01TT02(2)-09'  | 2185.4     | 5.74307484 | 0.2743986  |
| 123               | 2186.50531 | 3.29       | 0.11965055 |
| 94 177921@38. asc | 2187       | 7.6        | 0.5        |
| 51 CS11-1-11      | 2187.01091 | 6.40906817 | 0.43674413 |
| 51 CS11-1-11      | 2187.01091 | 6.40906817 | 0.43674413 |
| 94 179602@29. asc | 2188       | 10.4       | 0.4        |
| 118 AGQ13-08@48   | 2189       | 4.7        | 0.35       |
| 10 2606-47        | 2192       | 6.9        | 0.5        |
| 10 2606-47        | 2192       | 6.9        | 0.5        |
| 37 07SC65@19      | 2195       | 5.15       | 0.4        |
| 37 07SC65@19      | 2195       | 5.15       | 0.4        |
| 94 165592@1. asc  | 2195       | 4.6        | 0.2        |
| 11 01TT02(2)-078  | 2195.2     | 6.13135802 | 0.3905292  |
| 11 01TT02(2)-078  | 2195.2     | 6.13135802 | 0.3905292  |
| 94 179602@21. asc | 2196       | 3.0        | 0.1        |
| 94 179602@20. asc | 2196       | 3.2        | 0.1        |
| 94 179602@15. asc | 2196       | 5.9        | 0.2        |
| 20 CM1. 18        | 2197       | 7.7        | 0.4        |
| 20 CM1. 18        | 2197       | 7.7        | 0.4        |
| 20 CM1. 18        | 2197       | 7.7        | 0.4        |
| 123               | 2199.63804 | 7.98       | 0.07411939 |
| 56 TIM-II-75      | 2200       | 5.02       |            |
| 56 TIM-II-75      | 2200       | 5.02       |            |
| 56 OM-904         | 2200       | 5.11       |            |
| 56 OM-904         | 2200       | 5.11       |            |
| 56 GKM-15         | 2200       | 5.17       |            |
| 56 GKM-15         | 2200       | 5.17       |            |
| 56 MJ-192c        | 2200       | 5.56       |            |
| 56 MJ-192c        | 2200       | 5.56       |            |
| 56 HUD85-10       | 2200       | 6.4        |            |
| 56 HUD85-10       | 2200       | 6.4        |            |
| 123               | 2201       | 5.91404415 | 0.10621936 |
| 47 PMOG-441_41-:  | 2202       | 5.4        | 0.3        |
| 47 PMOG-441_41-:  | 2202       | 5.4        | 0.3        |
| 18 CNG2-anu-zrn-  | 2202.77921 | 5.15135603 | 0.5999509  |
| 18 CNG2-anu-zrn-  | 2202.77921 | 5.15135603 | 0.5999509  |
| 47 PMOG-233_33-'  | 2203       | 3.8        | 0.3        |
| 47 PMOG-233_33-'  | 2203       | 3.8        | 0.3        |
| 94 CS15-5@22. asc | 2204       | 8.4        | 0.5        |
| 94 165593-1. asc  | 2209       | 6.8        | 0.3        |
| 11 01TT02(2)-090  | 2209.5     | 4.27623657 | 0.4149612  |
| 11 01TT02(2)-090  | 2209.5     | 4.27623657 | 0.4149612  |
| 94 CS15-8@21. asc | 2210       | 11.6       | 0.9        |
| 94 CS15-8@21c. as | 2210       | 11.7       | 0.9        |



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|--------------------|--------|------------|------------|
| 94 CS15-8@21b. asc | 2210   | 11.8       | 0.9        |
| 94 CS15-8@21d. asc | 2210   | 12.0       | 0.9        |
| 94 CS15-8@21e. asc | 2210   | 12.1       | 0.9        |
| 94 165591@3. asc   | 2212   | 7.9        | 0.3        |
| 94 CS15-8@27. asc  | 2213   | 9.0        | 0.7        |
| 20 CM1. 12         | 2213   | 5.3        | 0.4        |
| 20 CM1. 12         | 2213   | 5.3        | 0.4        |
| 20 CM1. 12         | 2213   | 5.3        | 0.4        |
| 94 179602@14. asc  | 2216   | 6.7        | 0.3        |
| 94 165591@14. asc  | 2218   | 6.7        | 0.3        |
| 94 165592@5. asc   | 2218   | 8.4        | 0.4        |
| 94 179098@12. asc  | 2219   | 7.4        | 0.2        |
| 11 01TT02 (2)-080  | 2222   | 7.03254417 | 0.3393958  |
| 11 01TT02 (2)-080  | 2222   | 7.03254417 | 0.3393958  |
| 123                | 2222   | 7.60327297 | 0.10956825 |
| 11 01TT02 (2)-068  | 2222.8 | 10.3628847 | 0.2471492  |
| 11 01TT02 (2)-068  | 2222.8 | 10.3628847 | 0.2471492  |
| 37 07SC49@16       | 2223   | 7.02       | 0.41       |
| 37 07SC49@16       | 2223   | 7.02       | 0.41       |
| 94 179602@17. asc  | 2223   | 8.1        | 0.3        |
| 94 177097@12. asc  | 2223   | 9.1        | 0.2        |
| 56 BR 1            | 2230   | 4.35       |            |
| 56 BR 1            | 2230   | 4.35       |            |
| 118 WFS13-01@43    | 2230   | 3.85       | 0.36       |
| 94 179602@24. asc  | 2231   | 7.6        | 0.3        |
| 94 165591@12. asc  | 2232   | 8.5        | 0.3        |
| 94 177097@13. asc  | 2232   | 10.2       | 0.3        |
| 11 01TT02 (2)-040  | 2233.6 | 6.17934908 | 0.303648   |
| 11 01TT02 (2)-040  | 2233.6 | 6.17934908 | 0.303648   |
| 94 179602@9. asc   | 2234   | 4.9        | 0.2        |
| 94 165592@11. asc  | 2234   | 7.7        | 0.3        |
| 94 165592@9. asc   | 2234   | 8.5        | 0.3        |
| 118 WFS13-01@59    | 2235   | 6.99       | 0.24       |
| 94 179602@8. asc   | 2236   | 7.0        | 0.3        |
| 123                | 2237   | 7.4        | 0.07493553 |
| 11 01TT02 (2)-114  | 2238.5 | 6.86271506 | 0.2975472  |
| 11 01TT02 (2)-114  | 2238.5 | 6.86271506 | 0.2975472  |
| 94 177097@4. asc   | 2239   | 8.6        | 0.3        |
| 106 10GD48-53      | 2239   | 4.57       | 0.32       |
| 119 45. 1          | 2242   | 7.8225     | 0.2943     |
| 94 CS15-8@68. asc  | 2243   | 9.6        | 0.7        |
| 20 HV1. v3         | 2244   | 6.3        | 0.5        |
| 20 HV1. v3         | 2244   | 6.3        | 0.5        |
| 20 HV1. v3         | 2244   | 6.3        | 0.5        |
| 94 179602@18. asc  | 2244   | 4.8        | 0.2        |

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|-------------------|------------|------------|------------|
| 94 179098@16_15.  | 2245       | 8.5        | 0.2        |
| 94 177097@8. asc  | 2245       | 9.1        | 0.3        |
| 94 CS15-8@83. asc | 2247       | 8.7        | 0.7        |
| 94 179602@7. asc  | 2247       | 8.3        | 0.3        |
| 94 165591@5. asc  | 2248       | 8.0        | 0.3        |
| 94 177097@2. asc  | 2249       | 8.4        | 0.2        |
| 121 17            | 2249       | 5.74       | 0.27       |
| 94 177097@11. asc | 2250       | 8.1        | 0.2        |
| 106 10GD49-13     | 2250       | 6.54       | 0.22       |
| 56 BRAF-35        | 2251       | 5.99       |            |
| 56 BRAF-35        | 2251       | 5.99       |            |
| 94 179602@3. asc  | 2251       | 7.5        | 0.3        |
| 94 179602@25. asc | 2252       | 6.0        | 0.2        |
| 94 179098@7. asc  | 2252       | 8.6        | 0.2        |
| 94 177097@6. asc  | 2254       | 8.3        | 0.2        |
| 94 177921@1. asc  | 2254       | 8.5        | 0.5        |
| 20 BB1. 16        | 2255       | 5.6        | 0.3        |
| 20 BB1. 16        | 2255       | 5.6        | 0.3        |
| 20 BB1. 16        | 2255       | 5.6        | 0.3        |
| 94 165591@4. asc  | 2257       | 7.9        | 0.3        |
| 94 CS15-5@36. asc | 2257       | 8.7        | 0.5        |
| 94 177097@5. asc  | 2259       | 7.9        | 0.2        |
| 94 177097@7. asc  | 2259       | 8.1        | 0.2        |
| 91 S1764-126      | 2260       | 6.42       | 0.17       |
| 10 2641-14        | 2261       | 8          | 0.4        |
| 10 2641-14        | 2261       | 8          | 0.4        |
| 91 S1766-29       | 2261       | 6.9        | 0.17       |
| 94 179602@19. asc | 2262       | 8.7        | 0.3        |
| 91 S1763-75       | 2263       | 5.85       | 0.29       |
| 94 179602@22. asc | 2263       | 9.0        | 0.3        |
| 123               | 2263       | 7.49572636 | 0.07343167 |
| 94 CS15-8-30dif:  | 2263       | 8.7        | 0.7        |
| 118 WFS13-01@81   | 2264       | 2.28       | 0.19       |
| 94 CS15-6@19. asc | 2267       | 9.3        | 0.5        |
| 91 S1764-101      | 2267       | 5.14       | 0.17       |
| 94 179098@8. asc  | 2268       | 8.4        | 0.2        |
| 94 177097@9. asc  | 2268       | 8.5        | 0.2        |
| 18 NIL-anu-zrn-l  | 2268.71508 | 6.42964489 | 0.5864466  |
| 18 NIL-anu-zrn-l  | 2268.71508 | 6.42964489 | 0.5864466  |
| 106 10GD48-101    | 2270       | 7.3        | 0.19       |
| 94 177097@14. asc | 2271       | 8.8        | 0.2        |
| 94 165591@13. asc | 2274       | 7.3        | 0.3        |
| 11 01TT02(2)-10   | 2275       | 6.15155473 | 0.2493794  |
| 11 01TT02(2)-10   | 2275       | 6.15155473 | 0.2493794  |
| 94 165593@4. asc  | 2279       | 8.9        | 0.4        |

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| 106 10GD48-108    | 2279       | 6.83       | 0.22       |
| 94 165591@37. asc | 2280       | 7.7        | 0.3        |
| 123               | 2282       | 6.63959132 | 0.08029005 |
| 123               | 2284       | 7.7        | 0.09297623 |
| 94 CS15-8@81. asc | 2284       | 8.7        | 0.7        |
| 94 177921-18tru   | 2285       | 7.3        | 0.5        |
| 91 S1763-84       | 2287       | 5.5        | 0.18       |
| 123               | 2287.74606 | 6.28       | 0.10322086 |
| 20 CM1.3          | 2289       | 7.8        | 0.3        |
| 20 CM1.3          | 2289       | 7.8        | 0.3        |
| 20 CM1.3          | 2289       | 7.8        | 0.3        |
| 91 S1764-3        | 2289       | 6.6        | 0.18       |
| 91 S1764-46       | 2290       | 5.82       | 0.15       |
| 94 CS15-8@10. asc | 2293       | 9.9        | 1.0        |
| 94 165591@15. asc | 2293       | 7.7        | 0.3        |
| 91 S1763-39       | 2294       | 2.76       | 0.16       |
| 91 S1763-92       | 2294       | 4.03       | 0.17       |
| 91 S1764-130      | 2295       | 6.37       | 0.17       |
| 94 177921@24. asc | 2295       | 7.6        | 0.5        |
| 20 CM1.17         | 2297       | 6.5        | 0.5        |
| 20 CM1.17         | 2297       | 6.5        | 0.5        |
| 20 CM1.17         | 2297       | 6.5        | 0.5        |
| 91 S1766-19       | 2297       | 5.57       | 0.16       |
| 91 S1737          | 2297       | 6.04       | 0.14       |
| 91 S1764-6        | 2297       | 6.58       | 0.15       |
| 123               | 2297       | 6.90966074 | 0.10005308 |
| 51 Siam1_55       | 2297.76348 | 4.92952758 | 0.24241339 |
| 51 Siam1_55       | 2297.76348 | 4.92952758 | 0.24241339 |
| 20 BB3.3.29       | 2298       | 5.2        | 0.6        |
| 20 BB3.3.29       | 2298       | 5.2        | 0.6        |
| 20 BB3.3.29       | 2298       | 5.2        | 0.6        |
| 91 S1763-37       | 2299       | 4.54       | 0.17       |
| 35 09LSC4_33.1    | 2300       | 6.9        | 0.2        |
| 35 09LSC4_33.1    | 2300       | 6.9        | 0.2        |
| 118 WFS13-01@91   | 2300       | 6.55       | 0.26       |
| 94 165591-11-1a.  | 2301       | 3.9        | 0.2        |
| 94 165591-11-2a.  | 2301       | 4.0        | 0.2        |
| 94 179098@2. asc  | 2301       | 7.5        | 0.2        |
| 94 CS15-6@9. asc  | 2302       | 9.6        | 0.5        |
| 20 BB1.4          | 2302       | 6.4        | 0.4        |
| 20 BB1.4          | 2302       | 6.4        | 0.4        |
| 20 BB1.4          | 2302       | 6.4        | 0.4        |
| 94 165592@17. asc | 2302       | 6.6        | 0.3        |
| 91 S1763-65       | 2303       | 6.13       | 0.18       |
| 123               | 2304.11759 | 9.05       | 0.06169759 |

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|-------------------|------------|------------|------------|
| 91 S1764-91       | 2305       | 5.65       | 0.17       |
| 91 S1763-100      | 2305       | 6.91       | 0.17       |
| 91 S1764-12       | 2307       | 5.44       | 0.18       |
| 91 S1763-99       | 2307       | 5.48       | 0.18       |
| 123               | 2307.39782 | 8.9        | 0.13881586 |
| 91 S1763-45       | 2308       | 7.2        | 0.21       |
| 91 S1764-104      | 2309       | 7.97       | 0.26       |
| 61 08SC11-78      | 2310       | 5.6        | 0.27       |
| 61 08SC11-78      | 2310       | 5.6        | 0.27       |
| 91 S1741          | 2310       | 5.37       | 0.18       |
| 91 S1764-18       | 2310       | 6.54       | 0.17       |
| 51 CS11-1-32      | 2311.40617 | 3.9349939  | 0.34368781 |
| 51 CS11-1-32      | 2311.40617 | 3.9349939  | 0.34368781 |
| 91 S1764-19       | 2314       | 7.05       | 0.17       |
| 118 WFS13-01@95   | 2314       | 6.29       | 0.42       |
| 118 WFS13-01@66   | 2315       | 6.43       | 0.23       |
| 91 S1764-9        | 2316       | 8.02       | 0.18       |
| 91 S1764-142      | 2317       | 5.11       | 0.17       |
| 94 177921@19. asc | 2318       | 6.8        | 0.4        |
| 91 S1742          | 2319       | 6.14       | 0.06       |
| 91 S1764-127      | 2320       | 5.6        | 0.18       |
| 91 S1739          | 2320       | 6.07       | 0.13       |
| 91 S1764-122      | 2320       | 6.51       | 0.17       |
| 91 S1763-35       | 2320       | 7.61       | 0.19       |
| 106 10GD48-77     | 2320       | 4.74       | 0.21       |
| 91 S1740          | 2321       | 6.22       | 0.06       |
| 18 CNG2-anu-zrn-l | 2321.79764 | 6.27909699 | 0.59658051 |
| 18 CNG2-anu-zrn-l | 2321.79764 | 6.27909699 | 0.59658051 |
| 91 S1763-72       | 2322       | 5.85       | 0.29       |
| 91 S1763-111      | 2322       | 7.35       | 0.24       |
| 91 S1764-107      | 2323       | 6.14       | 0.16       |
| 118 AGQ13-08@14   | 2323       | 3.22       | 0.27       |
| 118 WFS13-01@78   | 2323       | 3.23       | 0.3        |
| 91 S1764-57       | 2324       | 7.49       | 0.15       |
| 106 10GD49-119    | 2324       | 6          | 0.18       |
| 91 S1766-109      | 2325       | 7.09       | 0.16       |
| 123               | 2325.98444 | 8.95       | 0.07567254 |
| 91 S1763          | 2326       | 6.41       | 0.08       |
| 35 07LSC12_4.1    | 2327       | 6.5        | 0.3        |
| 35 07LSC12_4.1    | 2327       | 6.5        | 0.3        |
| 91 S1763-112      | 2327       | 4.73       | 0.17       |
| 18 NIL-anu-zrn-l  | 2328.32718 | 6.13532746 | 0.9419037  |
| 18 NIL-anu-zrn-l  | 2328.32718 | 6.13532746 | 0.9419037  |
| 91 S1763-21       | 2329       | 5.5        | 0.16       |
| 118 AGQ13-08@110  | 2330       | 6.15       | 0.31       |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 37 07SC49@70     | 2331       | 5.32       | 0.37       |
| 37 07SC49@70     | 2331       | 5.32       | 0.37       |
| 91 S1764-103     | 2331       | 7.56       | 0.17       |
| 118 WFS13-01@01  | 2331       | 5.93       | 0.37       |
| 18 ORG2-anu-zrn- | 2331.99058 | 7.01806614 | 0.55356072 |
| 18 ORG2-anu-zrn- | 2331.99058 | 7.01806614 | 0.55356072 |
| 35 CJS 99-J5_7.  | 2333       | 4.2        | 0.3        |
| 35 CJS 99-J5_7.  | 2333       | 4.2        | 0.3        |
| 91 S1764-68      | 2334       | 6.48       | 0.17       |
| 11 01TT02(2)-09  | 2334.6     | 6.07625245 | 0.268049   |
| 11 01TT02(2)-09  | 2334.6     | 6.07625245 | 0.268049   |
| 118 WFS13-01@89  | 2336       | 8.06       | 0.28       |
| 20 BB1.11        | 2337       | 6.2        | 0.6        |
| 20 BB1.11        | 2337       | 6.2        | 0.6        |
| 20 BB1.11        | 2337       | 6.2        | 0.6        |
| 91 S1766-27      | 2339       | 5.65       | 0.16       |
| 91 S1766-36      | 2340       | 6.46       | 0.16       |
| 91 S1763-64      | 2343       | 3.79       | 0.18       |
| 91 S1766-22      | 2353       | 6.99       | 0.15       |
| 94 165591@6.asc  | 2353       | 7.4        | 0.3        |
| 94 179098@4.asc  | 2354       | 6.1        | 0.2        |
| 91 S1766-41      | 2355       | 6.13       | 0.14       |
| 107 WPG90/4_4    | 2355       | 5.32       | 0.19       |
| 37 07SC65@28     | 2359       | 8.78       | 0.34       |
| 37 07SC65@28     | 2359       | 8.78       | 0.34       |
| 91 S1766-80      | 2359       | 7.53       | 0.16       |
| 118 WFS13-01@99  | 2359       | 6.52       | 0.3        |
| 106 10GD48-91    | 2363       | 4.84       | 0.14       |
| 91 S1765-30      | 2365       | 5.95       | 0.2        |
| 91 S1764-66      | 2367       | 6.32       | 0.19       |
| 51 CS11-1-29     | 2367.22788 | 5.26609046 | 0.43835031 |
| 51 CS11-1-29     | 2367.22788 | 5.26609046 | 0.43835031 |
| 91 S1762-91      | 2370       | 8.48       | 0.3        |
| 119 9.1          | 2370       | 7          | 0.4584     |
| 98 IV22-6R       | 2375       | 8.71       | 0.46       |
| 11 01TT02(2)-08  | 2375.6     | 7.33986999 | 0.338823   |
| 11 01TT02(2)-08  | 2375.6     | 7.33986999 | 0.338823   |
| 37 07SC51-1@41   | 2376       | 6.38       | 0.28       |
| 37 07SC51-1@41   | 2376       | 6.38       | 0.28       |
| 116 DA13-017-37  | 2377       | 5.52       | 0.25       |
| 51 CS11-1-23     | 2379.60934 | 5.10720802 | 0.39879706 |
| 51 CS11-1-23     | 2379.60934 | 5.10720802 | 0.39879706 |
| 91 S1766-33      | 2381       | 6.74       | 0.15       |
| 91 S1766-117     | 2381       | 7.06       | 0.16       |
| 51 CS11-1-33     | 2383.87548 | 5.05940524 | 0.39323069 |

|                   |            |            |            |
|-------------------|------------|------------|------------|
| 51 CS11-1-33      | 2383.87548 | 5.05940524 | 0.39323069 |
| 51 CS11-1-25      | 2385.73239 | 3.5883183  | 0.25560815 |
| 51 CS11-1-25      | 2385.73239 | 3.5883183  | 0.25560815 |
| 91 S1765-35       | 2386       | 5.9        | 0.18       |
| 91 S1766-20       | 2386       | 6.41       | 0.15       |
| 106 10GD49-82     | 2386       | 7.17       | 0.3        |
| 11 01TT02(2)-07   | 2388.5     | 7.37834256 | 0.3117964  |
| 11 01TT02(2)-07   | 2388.5     | 7.37834256 | 0.3117964  |
| 118 AGQ13-08@19   | 2389       | 5.3        | 0.25       |
| 91 S1765-11       | 2391       | 5.24       | 0.14       |
| 61 08SC11-10      | 2396       | 5.9        | 0.19       |
| 61 08SC11-10      | 2396       | 5.9        | 0.19       |
| 91 S1765-6        | 2396       | 5.14       | 0.16       |
| 91 S1765-9        | 2398       | 4.87       | 0.13       |
| 11 01TT02(2)-02   | 2399.2     | 6.39829009 | 0.17048226 |
| 11 01TT02(2)-02   | 2399.2     | 6.39829009 | 0.17048226 |
| 11 01TT02(2)-01   | 2399.4     | 6.855207   | 0.3404034  |
| 11 01TT02(2)-01   | 2399.4     | 6.855207   | 0.3404034  |
| 56 HUD85-2        | 2400       | 6.04       |            |
| 56 HUD85-2        | 2400       | 6.04       |            |
| 11 01TT02(2)-13   | 2401.3     | 5.52088972 | 0.39575724 |
| 11 01TT02(2)-13   | 2401.3     | 5.52088972 | 0.39575724 |
| 11 01TT02(2)-13   | 2402.2     | 6.12856509 | 0.2086704  |
| 11 01TT02(2)-13   | 2402.2     | 6.12856509 | 0.2086704  |
| 106 10GD48-30     | 2403       | 7.19       | 0.23       |
| 11 01TT02(2)-09   | 2403.7     | 6.89872466 | 0.3375688  |
| 11 01TT02(2)-09   | 2403.7     | 6.89872466 | 0.3375688  |
| 91 S1766-73       | 2404       | 5.92       | 0.16       |
| 118 AGQ13-08@12   | 2404       | 6.57       | 0.28       |
| 91 S1766-84       | 2408       | 6.15       | 0.14       |
| 94 165592@14. asc | 2409       | 4.3        | 0.2        |
| 123               | 2409       | 6.4        | 0.1        |
| 62 TGS-7-1. S09   | 2410       | 7          | 0.2        |
| 62 TGS-7-1. S09   | 2410       | 7          | 0.2        |
| 91 S1763-44       | 2411       | 3.16       | 0.28       |
| 98 IV22-19R       | 2411       | 8.6        | 0.13       |
| 19 08LS01 1       | 2413       | 5.95       | 0.29       |
| 19 08LS01 1       | 2413       | 5.95       | 0.29       |
| 11 01TT02(2)-08   | 2416.3     | 5.77509905 | 0.2996186  |
| 11 01TT02(2)-08   | 2416.3     | 5.77509905 | 0.2996186  |
| 37 07SC49@64      | 2420       | 5.7        | 0.39       |
| 37 07SC49@64      | 2420       | 5.7        | 0.39       |
| 61 08SC11-44      | 2420       | 8.9        | 0.23       |
| 61 08SC11-44      | 2420       | 8.9        | 0.23       |
| 106 10GD48-34     | 2422       | 5.62       | 0.26       |

|                   |            |            |            |
|-------------------|------------|------------|------------|
| 11 01TT02(2)-09:  | 2425.7     | 6.64665199 | 0.2516486  |
| 11 01TT02(2)-09:  | 2425.7     | 6.64665199 | 0.2516486  |
| 61 08SC11-43      | 2426       | 8.6        | 0.25       |
| 61 08SC11-43      | 2426       | 8.6        | 0.25       |
| 11 01TT02(2)-120  | 2426.5     | 6.90288166 | 0.290565   |
| 11 01TT02(2)-120  | 2426.5     | 6.90288166 | 0.290565   |
| 91 S1762-47       | 2427       | 7.63       | 0.24       |
| 11 01TT02(2)-09:  | 2427.9     | 8.66471528 | 0.3272964  |
| 11 01TT02(2)-09:  | 2427.9     | 8.66471528 | 0.3272964  |
| 11 01TT02(2)-070  | 2429.6     | 5.47272289 | 0.257279   |
| 11 01TT02(2)-070  | 2429.6     | 5.47272289 | 0.257279   |
| 11 01TT02(2)-09:  | 2431.9     | 7.99206059 | 0.3239966  |
| 11 01TT02(2)-09:  | 2431.9     | 7.99206059 | 0.3239966  |
| 20 HV1.11b2       | 2432       | 6.8        | 0.5        |
| 20 HV1.11b2       | 2432       | 6.8        | 0.5        |
| 20 HV1.11b2       | 2432       | 6.8        | 0.5        |
| 20 HV1.11b3       | 2432       | 7.2        | 0.7        |
| 20 HV1.11b3       | 2432       | 7.2        | 0.7        |
| 20 HV1.11b3       | 2432       | 7.2        | 0.7        |
| 106 10GD48-41     | 2435       | 4.67       | 0.27       |
| 118 AGQ13-08@50   | 2435       | 4.95       | 0.46       |
| 35 07LSC3_34.1    | 2436       | 8.3        | 0.4        |
| 35 07LSC3_34.1    | 2436       | 8.3        | 0.4        |
| 94 165593@22. asc | 2436       | 7.0        | 0.3        |
| 118 AGQ13-08@70   | 2436       | 7.26       | 0.38       |
| 11 01TT02(2)-13:  | 2436.6     | 5.42088972 | 0.19575724 |
| 11 01TT02(2)-13:  | 2436.6     | 5.42088972 | 0.19575724 |
| 51 CS12-25-37     | 2437.02194 | 3.11785949 | 0.23402471 |
| 51 CS12-25-37     | 2437.02194 | 3.11785949 | 0.23402471 |
| 30 n2539-rpt-b3   | 2438       | 4.7        | 0.29       |
| 30 n2539-rpt-b3   | 2438       | 4.7        | 0.29       |
| 91 S1762-33       | 2438       | 6.08       | 0.19       |
| 11 01TT02(2)-05'  | 2438.6     | 5.89936315 | 0.3421672  |
| 11 01TT02(2)-05'  | 2438.6     | 5.89936315 | 0.3421672  |
| 61 08SC11-79      | 2441       | 6.2        | 0.19       |
| 61 08SC11-79      | 2441       | 6.2        | 0.19       |
| 91 S1765-5        | 2441       | 5.99       | 0.14       |
| 11 01TT02(2)-11:  | 2441.2     | 7.45337706 | 0.4498248  |
| 11 01TT02(2)-11:  | 2441.2     | 7.45337706 | 0.4498248  |
| 91 S1766-69       | 2442       | 6.16       | 0.16       |
| 11 01TT02(2)-010  | 2442.6     | 6.77136988 | 0.2521254  |
| 11 01TT02(2)-010  | 2442.6     | 6.77136988 | 0.2521254  |
| 91 S1765-28       | 2444       | 5.19       | 0.21       |
| 116 DA13-064-52   | 2445       | 7.48       | 0.14       |
| 37 07SC65@17      | 2449       | 7.24       | 0.5        |

|                   |            |            |            |
|-------------------|------------|------------|------------|
| 37 07SC65@17      | 2449       | 7.24       | 0.5        |
| 94 165591-11-1b.  | 2450       | 4.7        | 0.2        |
| 94 165591-11-2b.  | 2450       | 4.8        | 0.2        |
| 37 07SC49@54      | 2451       | 5.64       | 0.4        |
| 37 07SC49@54      | 2451       | 5.64       | 0.4        |
| 91 S1763-52       | 2451       | 6.45       | 0.25       |
| 91 S1766-119      | 2451       | 7.26       | 0.16       |
| 94 165593@8. asc  | 2451       | 3.2        | 0.1        |
| 18 NIL-anu-zrn-l  | 2451.45979 | 6.95583407 | 0.57768655 |
| 18 NIL-anu-zrn-l  | 2451.45979 | 6.95583407 | 0.57768655 |
| 11 01TT02(2)-06:  | 2451.6     | 8.69792153 | 0.2099814  |
| 11 01TT02(2)-06:  | 2451.6     | 8.69792153 | 0.2099814  |
| 94 165592@18. asc | 2452       | 6.9        | 0.3        |
| 118 WFS13-01@48   | 2452       | 6.7        | 0.18       |
| 94 179602@11. asc | 2453       | 3.3        | 0.1        |
| 106 10GD48-6      | 2454       | 5.94       | 0.34       |
| 118 AGQ13-08@21   | 2454       | 6          | 0.47       |
| 11 01TT02(2)-11:  | 2455.5     | 8.29898239 | 0.3766872  |
| 11 01TT02(2)-11:  | 2455.5     | 8.29898239 | 0.3766872  |
| 94 165592@2. asc  | 2457       | 6.8        | 0.3        |
| 11 01TT02(2)-07:  | 2458.6     | 6.60804426 | 0.2896524  |
| 11 01TT02(2)-07:  | 2458.6     | 6.60804426 | 0.2896524  |
| 116 BGS-PP156-14c | 2459       | 4.32       | 0.35       |
| 61 08SC11-35      | 2460       | 6.1        | 0.36       |
| 61 08SC11-35      | 2460       | 6.1        | 0.36       |
| 94 165593@6. asc  | 2461       | 6.9        | 0.3        |
| 61 08SC74-26      | 2462       | 5.3        | 0.38       |
| 61 08SC74-26      | 2462       | 5.3        | 0.38       |
| 116 DA13-064-21   | 2462       | 6.6        | 0.15       |
| 11 01TT02(2)-12:  | 2465.6     | 7.36063462 | 0.3029484  |
| 11 01TT02(2)-12:  | 2465.6     | 7.36063462 | 0.3029484  |
| 51 Siam1_34       | 2466.9893  | 5.90632076 | 0.23871196 |
| 51 Siam1_34       | 2466.9893  | 5.90632076 | 0.23871196 |
| 94 165593@5. asc  | 2468       | 7.2        | 0.3        |
| 116 DA13-017-50   | 2468       | 6.91       | 0.25       |
| 11 01TT02(2)-10:  | 2468.6     | 5.19382161 | 0.3422238  |
| 11 01TT02(2)-10:  | 2468.6     | 5.19382161 | 0.3422238  |
| 106 10GD48-69     | 2471       | 6.33       | 0.18       |
| 118 AGQ13-08@04   | 2471       | 7.35       | 0.27       |
| 11 01TT02(2)-08:  | 2471.7     | 5.86397916 | 0.2329174  |
| 11 01TT02(2)-08:  | 2471.7     | 5.86397916 | 0.2329174  |
| 37 07SC49@66      | 2474       | 6.42       | 0.33       |
| 37 07SC49@66      | 2474       | 6.42       | 0.33       |
| 118 WFS13-01@94   | 2476       | 6.97       | 0.45       |
| 94 165593@7. asc  | 2477       | 5.5        | 0.2        |



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| 116 DA13-017-43  | 2477       | 6.88       | 0.25       |
| 98 IV63-4C       | 2478       | 6.66       | 0.2        |
| 61 08SC11-74     | 2479       | 6.1        | 0.31       |
| 61 08SC11-74     | 2479       | 6.1        | 0.31       |
| 118 AGQ13-08@41  | 2479       | 7.49       | 0.4        |
| 19 08LL02 2      | 2480       | 6.81       | 0.29       |
| 19 08LL02 2      | 2480       | 6.81       | 0.29       |
| 118 AGQ13-08@29  | 2481       | 6.96       | 0.36       |
| 10 2436-36       | 2482       | 6.2        | 0.4        |
| 10 2436-36       | 2482       | 6.2        | 0.4        |
| 94 165591@8. asc | 2484       | 5.9        | 0.2        |
| 118 AGQ13-08@101 | 2484       | 6.98       | 0.42       |
| 18 NIL-anu-zrn-l | 2484.98538 | 6.31878062 | 0.56955525 |
| 18 NIL-anu-zrn-l | 2484.98538 | 6.31878062 | 0.56955525 |
| 37 07SC65@2      | 2485       | 6.88       | 0.29       |
| 37 07SC65@2      | 2485       | 6.88       | 0.29       |
| 11 01TT02(2)-12: | 2487.2     | 5.97343555 | 0.3218914  |
| 11 01TT02(2)-12: | 2487.2     | 5.97343555 | 0.3218914  |
| 98 IV67-9C       | 2489       | 7.68       | 0.37       |
| 116 DA13-064-29  | 2489       | 5.75       | 0.18       |
| 18 CNG2-anu-zrn- | 2490.79884 | 4.12968491 | 0.59124033 |
| 18 CNG2-anu-zrn- | 2490.79884 | 4.12968491 | 0.59124033 |
| 30 n2539-rpt-b5! | 2492       | 5.68       | 0.31       |
| 30 n2539-rpt-b5! | 2492       | 5.68       | 0.31       |
| 35 09LSC1_46.1   | 2493       | 5.6        | 0.3        |
| 35 09LSC1_46.1   | 2493       | 5.6        | 0.3        |
| 10 2436-16       | 2494       | 6.2        | 0.7        |
| 10 2436-16       | 2494       | 6.2        | 0.7        |
| 10 2641-06       | 2494       | 6.8        | 0.5        |
| 10 2641-06       | 2494       | 6.8        | 0.5        |
| 20 HV1. 22       | 2494       | 6.4        | 0.4        |
| 20 HV1. 22       | 2494       | 6.4        | 0.4        |
| 20 HV1. 22       | 2494       | 6.4        | 0.4        |
| 37 07SC51-1@76   | 2494       | 7.19       | 0.37       |
| 37 07SC51-1@76   | 2494       | 7.19       | 0.37       |
| 56 CF85-71       | 2494       | 5.45       |            |
| 56 CF85-71       | 2494       | 5.45       |            |
| 94 165591@7. asc | 2494       | 5.7        | 0.2        |
| 18 NIL-anu-zrn-l | 2494.20698 | 5.82454472 | 0.57559573 |
| 18 NIL-anu-zrn-l | 2494.20698 | 5.82454472 | 0.57559573 |
| 35 09LSC1_29.1   | 2495       | 5.6        | 0.3        |
| 35 09LSC1_29.1   | 2495       | 5.6        | 0.3        |
| 56 CF85-62       | 2495       | 5.87       |            |
| 56 CF85-62       | 2495       | 5.87       |            |
| 118 AGQ13-08@35  | 2495       | 6.4        | 0.18       |

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| 35 07LSC5_42.1   | 2496       | 5.8        | 0.3        |
| 35 07LSC5_42.1   | 2496       | 5.8        | 0.3        |
| 118 AGQ13-08@08  | 2497       | 6.81       | 0.37       |
| 18 CNG2-anu-zrn- | 2498.43781 | 5.94409066 | 0.58790273 |
| 18 CNG2-anu-zrn- | 2498.43781 | 5.94409066 | 0.58790273 |
| 37 07SC49@79     | 2500       | 7.35       | 0.44       |
| 37 07SC49@79     | 2500       | 7.35       | 0.44       |
| 53 08FS02 14-2   | 2500       | 5.29501297 | 0.2959446  |
| 53 08FS02 14-2   | 2500       | 5.29501297 | 0.2959446  |
| 53 08FS02 02     | 2500       | 5.37879513 | 0.3203188  |
| 53 08FS02 02     | 2500       | 5.37879513 | 0.3203188  |
| 53 08FS02 01     | 2500       | 5.79446439 | 0.2781864  |
| 53 08FS02 01     | 2500       | 5.79446439 | 0.2781864  |
| 116 DA13-064-10  | 2500       | 6.45       | 0.16       |
| 118 AGQ13-08@17  | 2501       | 6.56       | 0.39       |
| 118 AGQ13-08@62  | 2502       | 5.54       | 0.37       |
| 118 AGQ13-08@63  | 2503       | 3.76       | 0.25       |
| 118 AGQ13-08@09  | 2503       | 6.11       | 0.35       |
| 11 01TT02(2)-090 | 2503.9     | 5.7748211  | 0.3044742  |
| 11 01TT02(2)-090 | 2503.9     | 5.7748211  | 0.3044742  |
| 11 01TT02(2)-019 | 2504.8     | 6.42728022 | 0.2938596  |
| 11 01TT02(2)-019 | 2504.8     | 6.42728022 | 0.2938596  |
| 35 07LSC10_28.1  | 2506       | 5.3        | 0.6        |
| 35 07LSC10_28.1  | 2506       | 5.3        | 0.6        |
| 37 07SC49@74     | 2508       | 7.02       | 0.34       |
| 37 07SC49@74     | 2508       | 7.02       | 0.34       |
| 118 AGQ13-08@13  | 2508       | 4.89       | 0.33       |
| 118 AGQ13-08@06  | 2508       | 7.19       | 0.35       |
| 118 AGQ13-08@86  | 2509       | 6.57       | 0.36       |
| 19 08LL02 25     | 2510       | 6.47       | 0.3        |
| 19 08LL02 25     | 2510       | 6.47       | 0.3        |
| 118 AGQ13-08@47  | 2510       | 5.84       | 0.41       |
| 118 AGQ13-08@40  | 2510       | 6.53       | 0.32       |
| 94 179602@13.asc | 2511       | 7.1        | 0.3        |
| 118 AGQ13-08@10  | 2511       | 6.56       | 0.37       |
| 118 AGQ13-08@54  | 2512       | 6.47       | 0.19       |
| 118 WFS13-01@52  | 2512       | 6.76       | 0.4        |
| 19 08LS01 25     | 2513       | 6.83       | 0.31       |
| 19 08LS01 25     | 2513       | 6.83       | 0.31       |
| 30 n2539-rpt-65  | 2513       | 5.57       | 0.31       |
| 30 n2539-rpt-65  | 2513       | 5.57       | 0.31       |
| 118 AGQ13-08@01  | 2513       | 5.85       | 0.48       |
| 118 AGQ13-08@107 | 2513       | 6.46       | 0.24       |
| 118 AGQ13-08@38  | 2513       | 7.76       | 0.35       |
| 118 AGQ13-08@99  | 2514       | 5.37       | 0.28       |

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| 18 CNG2-anu-zrn- | 2515.376   | 5.17770976 | 0.58819453 |
| 18 CNG2-anu-zrn- | 2515.376   | 5.17770976 | 0.58819453 |
| 35 09LSC1_6.2    | 2516       | 5.7        | 0.3        |
| 35 09LSC1_6.2    | 2516       | 5.7        | 0.3        |
| 119 1.1          | 2516       | 6          | 0.5278     |
| 118 AGQ13-08@46  | 2517       | 4.36       | 0.32       |
| 116 DA13-017-63  | 2518       | 5.65       | 0.25       |
| 118 AGQ13-08@11  | 2518       | 3.75       | 0.32       |
| 118 AGQ13-08@85  | 2519       | 6.37       | 0.41       |
| 118 AGQ13-08@18  | 2521       | 8.23       | 0.21       |
| 61 08SC11-27     | 2522       | 6.3        | 0.25       |
| 61 08SC11-27     | 2522       | 6.3        | 0.25       |
| 37 07SC49@27     | 2523       | 6.14       | 0.25       |
| 37 07SC49@27     | 2523       | 6.14       | 0.25       |
| 118 AGQ13-08@91  | 2523       | 7.97       | 0.35       |
| 118 WFS13-01@21  | 2524       | 5.73       | 0.3        |
| 18 CNG2-anu-zrn- | 2524.89332 | 6.35955379 | 0.56272472 |
| 18 CNG2-anu-zrn- | 2524.89332 | 6.35955379 | 0.56272472 |
| 35 07LSC7_26.1   | 2525       | 5.3        | 0.3        |
| 35 07LSC7_26.1   | 2525       | 5.3        | 0.3        |
| 37 07SC49@33     | 2525       | 5.96       | 0.18       |
| 37 07SC49@33     | 2525       | 5.96       | 0.18       |
| 94 165592@16.asc | 2525       | 4.5        | 0.2        |
| 94 179098@15.asc | 2525       | 5.6        | 0.2        |
| 118 WFS13-01@14  | 2525       | 5.73       | 0.36       |
| 35 07LSC7_17.2   | 2527       | 5          | 0.4        |
| 35 07LSC7_17.2   | 2527       | 5          | 0.4        |
| 35 07LSC8_41.1   | 2527       | 5.5        | 0.3        |
| 35 07LSC8_41.1   | 2527       | 5.5        | 0.3        |
| 118 AGQ13-08@15  | 2527       | 5.97       | 0.38       |
| 118 AGQ13-08@25  | 2527       | 6.13       | 0.3        |
| 37 07SC51-1@54   | 2528       | 6.59       | 0.33       |
| 37 07SC51-1@54   | 2528       | 6.59       | 0.33       |
| 94 165592@15.asc | 2528       | 5.1        | 0.2        |
| 118 AGQ13-08@87  | 2528       | 6.58       | 0.14       |
| 35 09LSC1_28.1   | 2534       | 5.1        | 0.3        |
| 35 09LSC1_28.1   | 2534       | 5.1        | 0.3        |
| 35 07LSC8_38.1   | 2534       | 7.3        | 0.3        |
| 35 07LSC8_38.1   | 2534       | 7.3        | 0.3        |
| 118 WFS13-01@70  | 2534       | 6.43       | 0.49       |
| 11 01TT02(2)-118 | 2534.8     | 7.04187058 | 0.19847418 |
| 11 01TT02(2)-118 | 2534.8     | 7.04187058 | 0.19847418 |
| 94 179602@5.asc  | 2535       | 4.7        | 0.2        |
| 118 AGQ13-08@26  | 2535       | 6.43       | 0.41       |
| 37 07SC65@41     | 2536       | 6.23       | 0.3        |

|                   |             |             |             |
|-------------------|-------------|-------------|-------------|
| 37 07SC65@41      | 2536        | 6.23        | 0.3         |
| 20 BB3. 3. 9      | 2538        | 5.3         | 0.4         |
| 20 BB3. 3. 9      | 2538        | 5.3         | 0.4         |
| 20 BB3. 3. 9      | 2538        | 5.3         | 0.4         |
| 59 M0-1052        | 2538        | 7.3         | 0.5         |
| 59 M0-1052        | 2538        | 7.3         | 0.5         |
| 35 07LSC12_26. 1  | 2539        | 7.1         | 0.3         |
| 35 07LSC12_26. 1  | 2539        | 7.1         | 0.3         |
| 35 07LSC3_43. 1   | 2541        | 6.6         | 0.4         |
| 35 07LSC3_43. 1   | 2541        | 6.6         | 0.4         |
| 118 AGQ13-08@03   | 2541        | 5.84        | 0.27        |
| 30 n2539-rpt-b48  | 2543        | 5.65        | 0.26        |
| 30 n2539-rpt-b48  | 2543        | 5.65        | 0.26        |
| 118 AGQ13-08@97   | 2544        | 3.49        | 0.34        |
| 37 07SC51-1@79    | 2545        | 6.09        | 0.31        |
| 37 07SC51-1@79    | 2545        | 6.09        | 0.31        |
| 37 07SC49@24      | 2547        | 5.91        | 0.42        |
| 37 07SC49@24      | 2547        | 5.91        | 0.42        |
| 118 AGQ13-08@52   | 2548        | 5.95        | 0.23        |
| 19 08LL06 50      | 2549        | 6.99        | 0.25        |
| 19 08LL06 50      | 2549        | 6.99        | 0.25        |
| 30 n2539-rpt-36   | 2549        | 6.22        | 0.26        |
| 30 n2539-rpt-36   | 2549        | 6.22        | 0.26        |
| 51 Siam1_32       | 2552. 55772 | 7. 34048534 | 0. 22931603 |
| 51 Siam1_32       | 2552. 55772 | 7. 34048534 | 0. 22931603 |
| 59 M0-961         | 2556        | 5.7         | 0.2         |
| 59 M0-961         | 2556        | 5.7         | 0.2         |
| 94 CS15-5@48. asc | 2556        | 5.2         | 0.3         |
| 35 07LSC7_27. 2   | 2557        | 5.3         | 0.3         |
| 35 07LSC7_27. 2   | 2557        | 5.3         | 0.3         |
| 37 07SC51-1@60    | 2557        | 6.08        | 0.48        |
| 37 07SC51-1@60    | 2557        | 6.08        | 0.48        |
| 51 CS11-6_08      | 2557. 46205 | 5. 62059018 | 0. 24835543 |
| 51 CS11-6_08      | 2557. 46205 | 5. 62059018 | 0. 24835543 |
| 35 07LSC7_26. 2   | 2560        | 4.9         | 0.3         |
| 35 07LSC7_26. 2   | 2560        | 4.9         | 0.3         |
| 56 Ag5-5          | 2560        | 5.59        |             |
| 56 Ag5-5          | 2560        | 5.59        |             |
| 35 09LSC1_69. 1   | 2561        | 5.9         | 0.3         |
| 35 09LSC1_69. 1   | 2561        | 5.9         | 0.3         |
| 51 CS11-6_20      | 2562. 63158 | 6. 23517511 | 0. 24364583 |
| 51 CS11-6_20      | 2562. 63158 | 6. 23517511 | 0. 24364583 |
| 115 26. 1         | 2562. 7     | 5.7         |             |
| 118 AGQ13-08@27   | 2564        | 6           | 0.39        |
| 97 AB06-9         | 2565        | 5.77        | 0.36        |

|                   |            |            |            |
|-------------------|------------|------------|------------|
| 18 NIL-anu-zrn-l  | 2565.79489 | 6.36673739 | 0.96091464 |
| 18 NIL-anu-zrn-l  | 2565.79489 | 6.36673739 | 0.96091464 |
| 119 41.1          | 2566       | 6          | 0.4534     |
| 18 CNG2-anu-zrn-  | 2567.3592  | 6.2842262  | 0.5899838  |
| 18 CNG2-anu-zrn-  | 2567.3592  | 6.2842262  | 0.5899838  |
| 94 177097@26. asc | 2568       | 7.4        | 0.2        |
| 97 RR06-5         | 2568       | 5.71       | 0.16       |
| 98 IV22-14R       | 2568       | 7.32       | 0.4        |
| 35 09LSC4_6.1     | 2570       | 5.8        | 0.2        |
| 35 09LSC4_6.1     | 2570       | 5.8        | 0.2        |
| 59 MO-902         | 2570       | 6.2        | 0.2        |
| 59 MO-902         | 2570       | 6.2        | 0.2        |
| 94 165591-1. asc  | 2570       | 5.0        | 0.2        |
| 106 10GD48-100    | 2570       | 7          | 0.21       |
| 94 177097@20. asc | 2573       | 7.9        | 0.2        |
| 51 CS11-18-55     | 2576.31594 | 4.83677849 | 0.47738031 |
| 51 CS11-18-55     | 2576.31594 | 4.83677849 | 0.47738031 |
| 35 07LSC3_63.1    | 2579       | 6          | 0.4        |
| 35 07LSC3_63.1    | 2579       | 6          | 0.4        |
| 56 HUD91-23       | 2580       | 5.07       |            |
| 56 HUD91-23       | 2580       | 5.07       |            |
| 94 165592@13. asc | 2580       | 6.7        | 0.3        |
| 18 NIL-anu-zrn-l  | 2583.44231 | 5.38606236 | 0.57704589 |
| 18 NIL-anu-zrn-l  | 2583.44231 | 5.38606236 | 0.57704589 |
| 30 n2539-rpt-48   | 2587       | 6.24       | 0.26       |
| 30 n2539-rpt-48   | 2587       | 6.24       | 0.26       |
| 107 WPG90/4_8     | 2587       | 5.84       | 0.2        |
| 35 07LSC5_42.2    | 2589       | 5.9        | 0.4        |
| 35 07LSC5_42.2    | 2589       | 5.9        | 0.4        |
| 35 07LSC9_35.1    | 2591       | 5.4        | 0.3        |
| 35 07LSC9_35.1    | 2591       | 5.4        | 0.3        |
| 56 HUD85-25A      | 2597       | 6.09       |            |
| 56 HUD85-25A      | 2597       | 6.09       |            |
| 107 IT/18_4       | 2600       | 5.11       | 0.15       |
| 51 CS12-25-12     | 2600.66578 | 4.95740501 | 0.49179678 |
| 51 CS12-25-12     | 2600.66578 | 4.95740501 | 0.49179678 |
| 59 MO-981         | 2601       | 7.3        | 0.3        |
| 59 MO-981         | 2601       | 7.3        | 0.3        |
| 94 165593@30. asc | 2601       | 6.2        | 0.2        |
| 94 165591@34. asc | 2601       | 6.8        | 0.3        |
| 94 165593@10. asc | 2602       | 5.9        | 0.2        |
| 94 177097@21. asc | 2602       | 6.0        | 0.2        |
| 35 07LSC9_44.1    | 2603       | 4.4        | 0.3        |
| 35 07LSC9_44.1    | 2603       | 4.4        | 0.3        |
| 35 09LSC1_67.1    | 2603       | 6.3        | 0.2        |

|     |               |            |            |            |
|-----|---------------|------------|------------|------------|
| 35  | 09LSC1_67.1   | 2603       | 6.3        | 0.2        |
| 59  | M0-1000       | 2603       | 6.6        | 0.2        |
| 59  | M0-1000       | 2603       | 6.6        | 0.2        |
| 116 | DA13-017-40   | 2603       | 3.58       | 0.25       |
| 18  | ZMB2-anu-zrn- | 2603.25804 | 5.45077409 | 0.59288934 |
| 18  | ZMB2-anu-zrn- | 2603.25804 | 5.45077409 | 0.59288934 |
| 35  | 07LSC5_45.1   | 2604       | 7          | 0.3        |
| 35  | 07LSC5_45.1   | 2604       | 7          | 0.3        |
| 106 | 10GD49-15     | 2604       | 7.09       | 0.26       |
| 18  | CNG2-anu-zrn- | 2604.39293 | 7.36894952 | 0.59578549 |
| 18  | CNG2-anu-zrn- | 2604.39293 | 7.36894952 | 0.59578549 |
| 18  | CNG2-anu-zrn- | 2604.4997  | 5.74763886 | 0.59090653 |
| 18  | CNG2-anu-zrn- | 2604.4997  | 5.74763886 | 0.59090653 |
| 94  | 165593@26.asc | 2607       | 7.5        | 0.3        |
| 94  | 165591@32.asc | 2609       | 5.5        | 0.2        |
| 35  | 07LSC3_7.1    | 2610       | 5.1        | 0.3        |
| 35  | 07LSC3_7.1    | 2610       | 5.1        | 0.3        |
| 94  | 177921@6.asc  | 2613       | 5.9        | 0.4        |
| 94  | 165591@33.asc | 2613       | 6.2        | 0.2        |
| 94  | 177097@19.asc | 2613       | 7.9        | 0.2        |
| 94  | 177097@25.asc | 2614       | 7.8        | 0.2        |
| 30  | n2539-rpt-24  | 2615       | 5.83       | 0.26       |
| 30  | n2539-rpt-24  | 2615       | 5.83       | 0.26       |
| 98  | IV46-9C       | 2615       | 6.51       | 0.22       |
| 35  | 07LSC3_45.1   | 2616       | 5.5        | 0.5        |
| 35  | 07LSC3_45.1   | 2616       | 5.5        | 0.5        |
| 94  | 177921@33.asc | 2616       | 5.4        | 0.3        |
| 94  | 165593@32.asc | 2617       | 6.8        | 0.3        |
| 35  | 07LSC3_24     | 2618       | 6.4        | 0.3        |
| 35  | 07LSC3_24     | 2618       | 6.4        | 0.3        |
| 60  | p11-110       | 2618       | 6.2        | 0.3        |
| 60  | p11-110       | 2618       | 6.2        | 0.3        |
| 94  | 177921@36.asc | 2618       | 5.2        | 0.3        |
| 94  | 177097@27.asc | 2618       | 6.2        | 0.2        |
| 116 | DA13-017-73   | 2619       | 6.94       | 0.25       |
| 51  | Siam1_13      | 2619.15499 | 8.15965052 | 0.25916492 |
| 51  | Siam1_13      | 2619.15499 | 8.15965052 | 0.25916492 |
| 38  | T-33          | 2620       | 8          |            |
| 38  | T-33          | 2620       | 8          |            |
| 94  | 165593@12.asc | 2620       | 7.8        | 0.3        |
| 94  | 177921@32.asc | 2621       | 4.8        | 0.3        |
| 116 | DA13-017-27   | 2622       | 6.54       | 0.25       |
| 123 |               | 2622       | 5.9        | 0.09585683 |
| 51  | CS11-20-40    | 2623.9918  | 2.38634914 | 0.16669777 |
| 51  | CS11-20-40    | 2623.9918  | 2.38634914 | 0.16669777 |

|                   |            |            |            |
|-------------------|------------|------------|------------|
| 30 n2539-rpt-11   | 2624       | 6.58       | 0.3        |
| 30 n2539-rpt-11   | 2624       | 6.58       | 0.3        |
| 94 177097@16. asc | 2624       | 5.5        | 0.1        |
| 98 IV63-5C        | 2625       | 6.6        | 0.2        |
| 94 165593@34. asc | 2626       | 5.4        | 0.2        |
| 94 177097@22. asc | 2627       | 6.7        | 0.2        |
| 18 CNG2-anu-zrn-  | 2627.79784 | 6.50191731 | 0.59310032 |
| 18 CNG2-anu-zrn-  | 2627.79784 | 6.50191731 | 0.59310032 |
| 94 177921@21. asc | 2628       | 5.9        | 0.4        |
| 18 NIL-anu-zrn-l  | 2628.94831 | 6.28662692 | 0.55158947 |
| 18 NIL-anu-zrn-l  | 2628.94831 | 6.28662692 | 0.55158947 |
| 35 09LSC4_41.1    | 2629       | 8.8        | 0.2        |
| 35 09LSC4_41.1    | 2629       | 8.8        | 0.2        |
| 59 M0-1291        | 2629       | 7.9        | 0.2        |
| 59 M0-1291        | 2629       | 7.9        | 0.2        |
| 51 CS11-19-26     | 2629.54178 | 4.99302584 | 0.4669713  |
| 51 CS11-19-26     | 2629.54178 | 4.99302584 | 0.4669713  |
| 60 lnt-033        | 2630       | 5.3        | 0.3        |
| 60 lnt-033        | 2630       | 5.3        | 0.3        |
| 35 07LSC9_20.1    | 2631       | 5.7        | 0.3        |
| 35 07LSC9_20.1    | 2631       | 5.7        | 0.3        |
| 35 09LSC1_41.1    | 2632       | 5.6        | 0.3        |
| 35 09LSC1_41.1    | 2632       | 5.6        | 0.3        |
| 94 177921@3. asc  | 2632       | 5.5        | 0.3        |
| 94 165592@4. asc  | 2633       | 5.6        | 0.2        |
| 51 CS12-24-34     | 2633.78868 | 2.65328122 | 0.15177767 |
| 51 CS12-24-34     | 2633.78868 | 2.65328122 | 0.15177767 |
| 98 IV22-17C       | 2634       | 6.3        | 0.4        |
| 35 07LSC7_6.2     | 2636       | 5.4        | 0.4        |
| 35 07LSC7_6.2     | 2636       | 5.4        | 0.4        |
| 94 177097@18. asc | 2636       | 6.7        | 0.2        |
| 59 M0-945         | 2637       | 8.8        | 0.2        |
| 59 M0-945         | 2637       | 8.8        | 0.2        |
| 94 179602@26. asc | 2637       | 5.8        | 0.2        |
| 94 177097@28. asc | 2638       | 6.3        | 0.2        |
| 94 165593@36. asc | 2638       | 6.5        | 0.3        |
| 118 AGQ13-08@104  | 2638       | 6.52       | 0.42       |
| 59 M0-1307        | 2639       | 6.1        | 0.2        |
| 59 M0-1307        | 2639       | 6.1        | 0.2        |
| 35 09LSC1_55.1    | 2640       | 5.7        | 0.2        |
| 35 09LSC1_55.1    | 2640       | 5.7        | 0.2        |
| 118 AGQ13-08@61   | 2640       | 6.32       | 0.33       |
| 94 165591@35. asc | 2641       | 5.5        | 0.2        |
| 94 165593@33. asc | 2642       | 6.7        | 0.3        |
| 35 07LSC7_18.1    | 2643       | 5.3        | 0.4        |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 35 07LSC7_18.1   | 2643       | 5.3        | 0.4        |
| 60 lnt-119       | 2643       | 5.8        | 0.3        |
| 60 lnt-119       | 2643       | 5.8        | 0.3        |
| 20 HV1.10        | 2644       | 5.3        | 0.6        |
| 20 HV1.10        | 2644       | 5.3        | 0.6        |
| 20 HV1.10        | 2644       | 5.3        | 0.6        |
| 98 IV46-13C      | 2644       | 6.21       | 0.22       |
| 18 ZMB2-anu-zrn- | 2644.92866 | 5.55824282 | 0.57174304 |
| 18 ZMB2-anu-zrn- | 2644.92866 | 5.55824282 | 0.57174304 |
| 35 07LSC5_55.1   | 2645       | 8.3        | 0.2        |
| 35 07LSC5_55.1   | 2645       | 8.3        | 0.2        |
| 94 179602@28.asc | 2645       | 6.5        | 0.2        |
| 118 WFS13-01@87  | 2645       | 5.15       | 0.41       |
| 51 CS12-25-24    | 2645.41001 | 6.28223496 | 0.49305094 |
| 51 CS12-25-24    | 2645.41001 | 6.28223496 | 0.49305094 |
| 35 07LSC5_44.1   | 2646       | 5.7        | 0.2        |
| 35 07LSC5_44.1   | 2646       | 5.7        | 0.2        |
| 94 177097@15.asc | 2646       | 6.1        | 0.2        |
| 60 lnt-010       | 2648       | 6.7        | 0.2        |
| 60 lnt-010       | 2648       | 6.7        | 0.2        |
| 59 M0-970        | 2649       | 7.1        | 0.3        |
| 59 M0-970        | 2649       | 7.1        | 0.3        |
| 94 179602@2.asc  | 2649       | 6.2        | 0.2        |
| 107 WPG90/4_39   | 2649       | 6.08       | 0.16       |
| 94 165593@20.asc | 2650       | 6.4        | 0.3        |
| 118 AGQ13-08@07  | 2650       | 7.26       | 0.36       |
| 35 09LSC4_38.1   | 2651       | 7.5        | 0.3        |
| 35 09LSC4_38.1   | 2651       | 7.5        | 0.3        |
| 60 lnt-030       | 2652       | 5.7        | 0.2        |
| 60 lnt-030       | 2652       | 5.7        | 0.2        |
| 35 07LSC3_6      | 2653       | 5.4        | 0.3        |
| 35 07LSC3_6      | 2653       | 5.4        | 0.3        |
| 98 IV22-4C       | 2653       | 5.75       | 0.3        |
| 60 lnt-044       | 2654       | 4          | 0.2        |
| 60 lnt-044       | 2654       | 4          | 0.2        |
| 35 07LSC7_4.1    | 2655       | 5.3        | 0.3        |
| 35 07LSC7_4.1    | 2655       | 5.3        | 0.3        |
| 94 165591@36.asc | 2656       | 4.9        | 0.2        |
| 60 lnt-072       | 2657       | 6.6        | 0.2        |
| 60 lnt-072       | 2657       | 6.6        | 0.2        |
| 107 DL90/7_17    | 2660       | 6.46       | 0.23       |
| 60 lnt-046       | 2661       | 6.9        | 0.2        |
| 60 lnt-046       | 2661       | 6.9        | 0.2        |
| 10 2606-11       | 2662       | 5.7        | 0.4        |
| 10 2606-11       | 2662       | 5.7        | 0.4        |



|                  |            |            |            |
|------------------|------------|------------|------------|
| 35 09LSC4_50.1   | 2662       | 6.8        | 0.2        |
| 35 09LSC4_50.1   | 2662       | 6.8        | 0.2        |
| 119 7.1          | 2662       | 6          | 0.3384     |
| 51 Siam1_97      | 2663.13502 | 5.06290484 | 0.27549898 |
| 51 Siam1_97      | 2663.13502 | 5.06290484 | 0.27549898 |
| 94 165591@41.asc | 2664       | 4.9        | 0.2        |
| 94 165591@40.asc | 2664       | 6.7        | 0.3        |
| 35 07LSC7_19.1   | 2665       | 5.4        | 0.4        |
| 35 07LSC7_19.1   | 2665       | 5.4        | 0.4        |
| 35 07LSC3_21.2   | 2665       | 5.5        | 0.4        |
| 35 07LSC3_21.2   | 2665       | 5.5        | 0.4        |
| 35 07LSC9_16.1   | 2665       | 5.6        | 0.3        |
| 35 07LSC9_16.1   | 2665       | 5.6        | 0.3        |
| 35 07LSC7_5.1    | 2665       | 5.7        | 0.4        |
| 35 07LSC7_5.1    | 2665       | 5.7        | 0.4        |
| 107 IT/5_21      | 2665       | 8.74       | 0.21       |
| 118 AGQ13-08@94  | 2665       | 5.63       | 0.34       |
| 35 07LSC9_36.1   | 2666       | 6.8        | 0.4        |
| 35 07LSC9_36.1   | 2666       | 6.8        | 0.4        |
| 94 177921@31.asc | 2666       | 5.6        | 0.3        |
| 18 NIL-anu-zrn-l | 2666.86997 | 6.28818994 | 0.56313701 |
| 18 NIL-anu-zrn-l | 2666.86997 | 6.28818994 | 0.56313701 |
| 35 09LSC1_11.1   | 2667       | 5.7        | 0.3        |
| 35 09LSC1_11.1   | 2667       | 5.7        | 0.3        |
| 51 CS11-13_73    | 2667.24051 | 6.4666547  | 0.21390502 |
| 51 CS11-13_73    | 2667.24051 | 6.4666547  | 0.21390502 |
| 24 C-82-18       | 2668       | 7.03       |            |
| 24 C-82-18       | 2668       | 7.03       |            |
| 24 C-82-17       | 2668       | 7.52       |            |
| 24 C-82-17       | 2668       | 7.52       |            |
| 94 177921@8.asc  | 2668       | 6.5        | 0.4        |
| 98 IV46-19C      | 2668       | 7.99       | 0.27       |
| 107 IT/5_12      | 2668       | 6.73       | 0.17       |
| 94 165591@43.asc | 2669       | 6.8        | 0.3        |
| 29 Arcadia Veins | 2670       | 4.87       |            |
| 29 Arcadia Veins | 2670       | 4.87       |            |
| 94 177921@26.asc | 2670       | 6.9        | 0.4        |
| 94 177097@3.asc  | 2670       | 6.9        | 0.2        |
| 94 177921@4.asc  | 2670       | 7.9        | 0.5        |
| 35 07LSC7_50.1   | 2671       | 6.6        | 0.2        |
| 35 07LSC7_50.1   | 2671       | 6.6        | 0.2        |
| 60 lnt-069       | 2671       | 5          | 0.2        |
| 60 lnt-069       | 2671       | 5          | 0.2        |
| 98 IV63-10R      | 2671       | 6.08       | 0.21       |
| 24 DD90-53       | 2672       | 5.78       |            |

|                   |            |            |            |
|-------------------|------------|------------|------------|
| 24 DD90-53        | 2672       | 5.78       |            |
| 30 n2539-rpt-b3'  | 2672       | 4.78       | 0.29       |
| 30 n2539-rpt-b3'  | 2672       | 4.78       | 0.29       |
| 37 07SC51-1@12    | 2672       | 6.2        | 0.45       |
| 37 07SC51-1@12    | 2672       | 6.2        | 0.45       |
| 118 AGQ13-08@44   | 2672       | 5.44       | 0.18       |
| 51 CS12-25-9      | 2672.67657 | 4.68978443 | 0.62202106 |
| 51 CS12-25-9      | 2672.67657 | 4.68978443 | 0.62202106 |
| 60 lnt-002        | 2673       | 5.6        | 0.2        |
| 60 lnt-002        | 2673       | 5.6        | 0.2        |
| 35 07LSC7_6.1     | 2674       | 4.9        | 0.4        |
| 35 07LSC7_6.1     | 2674       | 4.9        | 0.4        |
| 118 AGQ13-08@77   | 2674       | 5.44       | 0.36       |
| 30 n2539-rpt-29   | 2675       | 6.94       | 0.26       |
| 30 n2539-rpt-29   | 2675       | 6.94       | 0.26       |
| 60 lnt-057        | 2675       | 7.7        | 0.2        |
| 60 lnt-057        | 2675       | 7.7        | 0.2        |
| 35 09LSC1_36.1    | 2677       | 5.1        | 0.3        |
| 35 09LSC1_36.1    | 2677       | 5.1        | 0.3        |
| 35 07LSC9_55.1    | 2677       | 5.3        | 0.3        |
| 35 07LSC9_55.1    | 2677       | 5.3        | 0.3        |
| 35 07LSC9_18.2    | 2677       | 5.4        | 0.2        |
| 35 07LSC9_18.2    | 2677       | 5.4        | 0.2        |
| 60 lnt-066        | 2677       | 5.9        | 0.2        |
| 60 lnt-066        | 2677       | 5.9        | 0.2        |
| 60 lnt-038        | 2677       | 7.3        | 0.2        |
| 60 lnt-038        | 2677       | 7.3        | 0.2        |
| 94 165591@38. asc | 2677       | 5.9        | 0.2        |
| 94 165591@25. asc | 2677       | 6.8        | 0.3        |
| 98 IV63-14C       | 2677       | 6.56       | 0.33       |
| 24 84-SM-19       | 2678       | 5.82       |            |
| 24 84-SM-19       | 2678       | 5.82       |            |
| 24 C-86-14        | 2678       | 6.53       |            |
| 24 C-86-14        | 2678       | 6.53       |            |
| 59 M0-1029        | 2678       | 6.3        | 0.2        |
| 59 M0-1029        | 2678       | 6.3        | 0.2        |
| 94 177921@29. asc | 2678       | 5.5        | 0.3        |
| 94 165593@17. asc | 2678       | 5.8        | 0.2        |
| 24 DD96-10        | 2680       | 6.09       |            |
| 24 DD96-11        | 2680       | 6.09       |            |
| 24 DD96-10        | 2680       | 6.09       |            |
| 24 DD96-11        | 2680       | 6.09       |            |
| 24 96WB-22        | 2680       | 6.42       |            |
| 24 96WB-22        | 2680       | 6.42       |            |
| 24 DD96-4         | 2680       | 6.46       |            |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 24 DD96-4        | 2680       | 6.46       |            |
| 24 K-76-2        | 2680       | 6.63       |            |
| 24 K-76-2        | 2680       | 6.63       |            |
| 24 C-92-20       | 2681       | 6.3        |            |
| 24 C-92-20       | 2681       | 6.3        |            |
| 116 DA13-017-19  | 2681       | 6.02       | 0.25       |
| 10 2436-72       | 2682       | 6.4        | 0.4        |
| 10 2436-72       | 2682       | 6.4        | 0.4        |
| 35 09LSC1_24.1   | 2682       | 5.5        | 0.3        |
| 35 09LSC1_24.1   | 2682       | 5.5        | 0.3        |
| 29 Anialik Dior: | 2683       | 5.18       |            |
| 29 Anialik Dior: | 2683       | 5.18       |            |
| 51 BBF-11-60     | 2683.72254 | 4.99966237 | 0.47713953 |
| 51 BBF-11-60     | 2683.72254 | 4.99966237 | 0.47713953 |
| 24 C-92-31       | 2684       | 6.18       |            |
| 24 C-92-31       | 2684       | 6.18       |            |
| 94 165591@42.asc | 2684       | 5.1        | 0.2        |
| 94 165591@99999. | 2684       | 5.4        | 0.2        |
| 118 AGQ13-08@58  | 2684       | 6.04       | 0.34       |
| 24 WOB-86        | 2686       | 5.37       |            |
| 24 WOB-86        | 2686       | 5.37       |            |
| 24 DD81-12       | 2686       | 6.27       |            |
| 24 DD81-12       | 2686       | 6.27       |            |
| 35 07LSC12_25.1  | 2686       | 6.9        | 0.4        |
| 35 07LSC12_25.1  | 2686       | 6.9        | 0.4        |
| 60 VGt-541       | 2686       | 5.1        | 0.4        |
| 60 VGt-541       | 2686       | 5.1        | 0.4        |
| 98 IV22-14C      | 2686       | 5.87       | 0.4        |
| 118 AGQ13-08@51  | 2686       | 5.55       | 0.28       |
| 51 CS11-20-31    | 2686.00279 | 4.22010313 | 0.36274875 |
| 51 CS11-20-31    | 2686.00279 | 4.22010313 | 0.36274875 |
| 35 07LSC3_23     | 2687       | 2.7        | 0.3        |
| 35 07LSC3_23     | 2687       | 2.7        | 0.3        |
| 46 Patterson _6: | 2687       | 4.5        | 0.6        |
| 46 Patterson _6: | 2687       | 4.5        | 0.6        |
| 94 165591@46.asc | 2687       | 5.3        | 0.2        |
| 24 DD96-6        | 2688       | 6.83       |            |
| 24 DD96-6        | 2688       | 6.83       |            |
| 60 lnt-064       | 2688       | 5.3        | 0.2        |
| 60 lnt-064       | 2688       | 5.3        | 0.2        |
| 24 PN-77-13      | 2689       | 4.67       |            |
| 24 PN-77-13      | 2689       | 4.67       |            |
| 24 C-92-30       | 2690       | 5.78       |            |
| 24 C-92-30       | 2690       | 5.78       |            |
| 35 07LSC9_43.1   | 2690       | 4.5        | 0.3        |

|                  |            |            |            |
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| 35 07LSC9_43.1   | 2690       | 4.5        | 0.3        |
| 35 07LSC9_21.1   | 2690       | 6.4        | 0.4        |
| 35 07LSC9_21.1   | 2690       | 6.4        | 0.4        |
| 51 CS11-20-39    | 2690.11973 | 4.72027733 | 0.46912586 |
| 51 CS11-20-39    | 2690.11973 | 4.72027733 | 0.46912586 |
| 24 DD85-2        | 2691       | 5.82       |            |
| 24 DD85-2        | 2691       | 5.82       |            |
| 28 KN 76-7       | 2691       | 5.33       |            |
| 28 KN 76-7       | 2691       | 5.33       |            |
| 35 07LSC12_30.1  | 2691       | 6          | 0.4        |
| 35 07LSC12_30.1  | 2691       | 6          | 0.4        |
| 37 07SC65@5      | 2691       | 5.73       | 0.33       |
| 37 07SC65@5      | 2691       | 5.73       | 0.33       |
| 94 165591@39.asc | 2691       | 5.6        | 0.2        |
| 94 177921@16.asc | 2691       | 7.2        | 0.4        |
| 35 09LSC4_14.2   | 2692       | 5.7        | 0.2        |
| 35 09LSC4_14.2   | 2692       | 5.7        | 0.2        |
| 94 165591@45.asc | 2692       | 5.3        | 0.2        |
| 118 AGQ13-08@32  | 2692       | 5.91       | 0.37       |
| 35 07LSC7_19.2   | 2693       | 5.5        | 0.3        |
| 35 07LSC7_19.2   | 2693       | 5.5        | 0.3        |
| 35 07LSC9_15.2   | 2693       | 5.6        | 0.3        |
| 35 07LSC9_15.2   | 2693       | 5.6        | 0.3        |
| 35 09LSC4_20.1   | 2693       | 6          | 0.2        |
| 35 09LSC4_20.1   | 2693       | 6          | 0.2        |
| 60 VGt-393       | 2693       | 4.5        | 0.5        |
| 60 VGt-393       | 2693       | 4.5        | 0.5        |
| 51 CS12-24-50    | 2693.16455 | 5.23288667 | 0.44436798 |
| 51 CS12-24-50    | 2693.16455 | 5.23288667 | 0.44436798 |
| 29 Anialik 28    | 2694       | 4.46       |            |
| 29 Anialik 28    | 2694       | 4.46       |            |
| 29 Anialik Tona  | 2694       | 4.86       |            |
| 29 Anialik Tona  | 2694       | 4.86       |            |
| 29 Anialik 577   | 2694       | 4.96       |            |
| 29 Anialik 577   | 2694       | 4.96       |            |
| 60 p11-136       | 2694       | 6.2        | 0.3        |
| 60 p11-136       | 2694       | 6.2        | 0.3        |
| 60 lnt-071       | 2694       | 6.7        | 0.2        |
| 60 lnt-071       | 2694       | 6.7        | 0.2        |
| 18 CNG2-anu-zrn  | 2694.57106 | 5.07370854 | 0.59196639 |
| 18 CNG2-anu-zrn  | 2694.57106 | 5.07370854 | 0.59196639 |
| 24 DD87-51       | 2695       | 5.58       |            |
| 24 DD87-51       | 2695       | 5.58       |            |
| 24 TK76-30       | 2695       | 6.6        |            |
| 24 TK76-30       | 2695       | 6.6        |            |

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|-------------------|-----------|------------|------------|
| 38 T-3t           | 2695      | 6          |            |
| 38 T-3t           | 2695      | 6          |            |
| 94 179602@16. asc | 2695      | 5.2        | 0.2        |
| 60 lnt-006        | 2696      | 7.2        | 0.3        |
| 60 lnt-006        | 2696      | 7.2        | 0.3        |
| 94 165593-fauxs   | 2696      | 4.5        | 0.2        |
| 94 165593-fauxs   | 2696      | 4.9        | 0.2        |
| 94 165593-fauxs   | 2696      | 5.3        | 0.2        |
| 94 165593-fauxs   | 2696      | 5.5        | 0.2        |
| 94 165591@44. asc | 2696      | 5.5        | 0.2        |
| 94 165593-fauxs   | 2696      | 5.7        | 0.2        |
| 119 23. 1         | 2696      | 5.1227     | 0.3153     |
| 24 C87-39         | 2697      | 6.9        |            |
| 24 C87-39         | 2697      | 6.9        |            |
| 35 07LSC9_27. 1   | 2697      | 5.3        | 0.3        |
| 35 07LSC9_27. 1   | 2697      | 5.3        | 0.3        |
| 59 M0-971         | 2697      | 5.6        | 0.2        |
| 59 M0-971         | 2697      | 5.6        | 0.2        |
| 118 AGQ13-08@92   | 2697      | 6.33       | 0.28       |
| 24 C88-29         | 2698      | 6.47       |            |
| 24 C88-29         | 2698      | 6.47       |            |
| 24 S78-20         | 2698      | 6.49       |            |
| 24 S78-20         | 2698      | 6.49       |            |
| 24 C88-34         | 2698      | 6.57       |            |
| 24 C88-34         | 2698      | 6.57       |            |
| 118 AGQ13-08@102  | 2698      | 5.86       | 0.41       |
| 59 M0-1285        | 2699      | 7.4        | 0.2        |
| 59 M0-1285        | 2699      | 7.4        | 0.2        |
| 98 IV63-7R        | 2699      | 7.63       | 0.3        |
| 51 BBF-11-32      | 2699.9496 | 3.93882797 | 0.40554654 |
| 51 BBF-11-32      | 2699.9496 | 3.93882797 | 0.40554654 |
| 14 95SK11         | 2700      | 5.15       |            |
| 14 95SK11         | 2700      | 5.15       |            |
| 24 DD81-14        | 2700      | 4.85       |            |
| 24 DD81-14        | 2700      | 4.85       |            |
| 24 TK83-6         | 2700      | 4.97       |            |
| 24 TK83-6         | 2700      | 4.97       |            |
| 24 C-88-23        | 2700      | 6.35       |            |
| 24 C-88-23        | 2700      | 6.35       |            |
| 24 DD96-8         | 2700      | 6.4        |            |
| 24 DD96-8         | 2700      | 6.4        |            |
| 28 Winston Lake   | 2700      | 2.86       |            |
| 28 Winston Lake   | 2700      | 2.86       |            |
| 28 DD78-43        | 2700      | 4.86       |            |
| 28 DD78-43        | 2700      | 4.86       |            |

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|------------|------|------|
| 28 G90-4   | 2700 | 5.03 |
| 28 G90-4   | 2700 | 5.03 |
| 28 DD81-13 | 2700 | 5.08 |
| 28 DD81-13 | 2700 | 5.08 |
| 28 DD93-11 | 2700 | 5.1  |
| 28 DD93-11 | 2700 | 5.1  |
| 28 DD84-9  | 2700 | 5.18 |
| 28 DD84-9  | 2700 | 5.18 |
| 28 DD86-17 | 2700 | 5.22 |
| 28 DD86-17 | 2700 | 5.22 |
| 28 #80     | 2700 | 5.23 |
| 28 #80     | 2700 | 5.23 |
| 28 DD78-35 | 2700 | 5.42 |
| 28 DD78-35 | 2700 | 5.42 |
| 28 DD78-28 | 2700 | 5.47 |
| 28 DD78-28 | 2700 | 5.47 |
| 28 DD84-8  | 2700 | 5.49 |
| 28 DD84-8  | 2700 | 5.49 |
| 28 DD86-7  | 2700 | 5.5  |
| 28 DD86-7  | 2700 | 5.5  |
| 28 #52     | 2700 | 5.64 |
| 28 #52     | 2700 | 5.64 |
| 28 #60     | 2700 | 5.69 |
| 28 #60     | 2700 | 5.69 |
| 28 DD83-5  | 2700 | 5.7  |
| 28 DD83-5  | 2700 | 5.7  |
| 28 DD83-2  | 2700 | 5.73 |
| 28 DD83-2  | 2700 | 5.73 |
| 28 DD96-1  | 2700 | 5.77 |
| 28 DD96-1  | 2700 | 5.77 |
| 28 DD84-2  | 2700 | 5.93 |
| 28 DD84-2  | 2700 | 5.93 |
| 28 DD82-1  | 2700 | 6.07 |
| 28 DD82-1  | 2700 | 6.07 |
| 28 DD90-42 | 2700 | 6.1  |
| 28 DD90-42 | 2700 | 6.1  |
| 28 DD78-32 | 2700 | 6.18 |
| 28 DD78-32 | 2700 | 6.18 |
| 28 DD90-60 | 2700 | 6.4  |
| 28 DD90-60 | 2700 | 6.4  |
| 28 DD85-9  | 2700 | 6.51 |
| 28 DD85-9  | 2700 | 6.51 |
| 28 DD86-6  | 2700 | 6.68 |
| 28 DD86-6  | 2700 | 6.68 |
| 28 DD95-20 | 2700 | 6.8  |

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|-------------------|------------|------------|------------|
| 28 DD95-20        | 2700       | 6.8        |            |
| 40 98S-SK40       | 2700       | 5.8        |            |
| 40 98S-SK40       | 2700       | 5.8        |            |
| 60 lnt-031        | 2700       | 7.2        | 0.2        |
| 60 lnt-031        | 2700       | 7.2        | 0.2        |
| 94 179602@27. asc | 2700       | 6.2        | 0.2        |
| 11 01TT02(2)-04!  | 2700.4     | 5.83014126 | 0.2836804  |
| 11 01TT02(2)-04!  | 2700.4     | 5.83014126 | 0.2836804  |
| 24 DD81-29        | 2701       | 5.9        |            |
| 24 DD81-29        | 2701       | 5.9        |            |
| 28 C-88-8         | 2701       | 5          |            |
| 28 C-88-8         | 2701       | 5          |            |
| 107 IT/5_13       | 2701       | 6.77       | 0.22       |
| 35 07LSC3_37      | 2703       | 3.9        | 0.3        |
| 35 07LSC3_37      | 2703       | 3.9        | 0.3        |
| 35 09LSC4_126.1   | 2703       | 5.4        | 0.2        |
| 35 09LSC4_126.1   | 2703       | 5.4        | 0.2        |
| 24 C-83-21        | 2704       | 5.84       |            |
| 24 C-83-21        | 2704       | 5.84       |            |
| 35 07LSC6_29.2    | 2704       | 5.6        | 0.3        |
| 35 07LSC6_29.2    | 2704       | 5.6        | 0.3        |
| 35 07LSC9_48.1    | 2704       | 6.2        | 0.3        |
| 35 07LSC9_48.1    | 2704       | 6.2        | 0.3        |
| 60 lnt-051        | 2704       | 5.3        | 0.2        |
| 60 lnt-051        | 2704       | 5.3        | 0.2        |
| 18 CNG2-anu-zrn-  | 2704.08909 | 4.29525768 | 0.57746496 |
| 18 CNG2-anu-zrn-  | 2704.08909 | 4.29525768 | 0.57746496 |
| 28 PN-77-9        | 2705       | 6.06       |            |
| 28 PN-77-9        | 2705       | 6.06       |            |
| 30 n2539-rpt-1    | 2705       | 5.68       | 0.26       |
| 30 n2539-rpt-1    | 2705       | 5.68       | 0.26       |
| 35 07LSC3_33      | 2705       | 6.9        | 0.3        |
| 35 07LSC3_33      | 2705       | 6.9        | 0.3        |
| 24 DD87-41        | 2706       | 5.45       |            |
| 24 DD87-41        | 2706       | 5.45       |            |
| 35 07LSC9_31.1    | 2706       | 4.3        | 0.2        |
| 35 07LSC9_31.1    | 2706       | 4.3        | 0.2        |
| 35 07LSC12_23.1   | 2706       | 6.1        | 0.3        |
| 35 07LSC12_23.1   | 2706       | 6.1        | 0.3        |
| 51 CS11-18-48     | 2707.32048 | 8.4190358  | 0.87659264 |
| 51 CS11-18-48     | 2707.32048 | 8.4190358  | 0.87659264 |
| 35 07LSC7_49.2    | 2708       | 5.4        | 0.3        |
| 35 07LSC7_49.2    | 2708       | 5.4        | 0.3        |
| 35 07LSC9_21.2    | 2708       | 6.2        | 0.3        |
| 35 07LSC9_21.2    | 2708       | 6.2        | 0.3        |

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| 24 DD84-16      | 2709       | 5.46       |            |
| 24 DD84-16      | 2709       | 5.46       |            |
| 35 07LSC9_15.1  | 2709       | 5.3        | 0.4        |
| 35 07LSC9_15.1  | 2709       | 5.3        | 0.4        |
| 24 DD84-19      | 2710       | 6.13       |            |
| 24 DD84-19      | 2710       | 6.13       |            |
| 24 DD81-16      | 2710       | 6.28       |            |
| 24 DD81-16      | 2710       | 6.28       |            |
| 35 07LSC9_18.1  | 2710       | 5.6        | 0.3        |
| 35 07LSC9_18.1  | 2710       | 5.6        | 0.3        |
| 94 179602@6.asc | 2710       | 5.5        | 0.2        |
| 23 KC465b       | 2711       | 5.16       |            |
| 23 KC465b       | 2711       | 5.16       |            |
| 23 PN77-22      | 2711       | 5.26       |            |
| 23 PN77-22      | 2711       | 5.26       |            |
| 23 KCFC-1       | 2711       | 5.53       |            |
| 23 KCFC-1       | 2711       | 5.53       |            |
| 23 KC 102a      | 2711       | 5.91       |            |
| 23 KC 102a      | 2711       | 5.91       |            |
| 107 IT/5_27     | 2711       | 5.91       | 0.28       |
| 59 MO-958       | 2712       | 6          | 0.3        |
| 59 MO-958       | 2712       | 6          | 0.3        |
| 51 Siam1_44     | 2712.69038 | 7.19436669 | 0.21539559 |
| 51 Siam1_44     | 2712.69038 | 7.19436669 | 0.21539559 |
| 119 48.1        | 2713       | 2          | 0.4939     |
| 28 84 SM-7      | 2714       | 4.7        |            |
| 28 84 SM-7      | 2714       | 4.7        |            |
| 35 07LSC3_46    | 2714       | 4.4        | 0.3        |
| 35 07LSC3_46    | 2714       | 4.4        | 0.3        |
| 35 07LSC7_11.1  | 2714       | 5.2        | 0.3        |
| 35 07LSC7_11.1  | 2714       | 5.2        | 0.3        |
| 35 07LSC9_5.1   | 2714       | 5.7        | 0.5        |
| 35 07LSC9_5.1   | 2714       | 5.7        | 0.5        |
| 18 CNG2-anu-zrn | 2714.57344 | 6.15427483 | 0.60900435 |
| 18 CNG2-anu-zrn | 2714.57344 | 6.15427483 | 0.60900435 |
| 17 Kaartojärvet | 2715       | 4.9351229  | 0.51351017 |
| 17 Kaartojärvet | 2715       | 4.9351229  | 0.51351017 |
| 17 Kaartojärvet | 2715       | 4.97467431 | 0.5613503  |
| 17 Kaartojärvet | 2715       | 4.97467431 | 0.5613503  |
| 17 Kaartojärvet | 2715       | 5.16542223 | 0.54347051 |
| 17 Kaartojärvet | 2715       | 5.16542223 | 0.54347051 |
| 17 Kaartojärvet | 2715       | 5.24702829 | 0.62889047 |
| 17 Kaartojärvet | 2715       | 5.24702829 | 0.62889047 |
| 17 Kaartojärvet | 2715       | 5.26405041 | 0.53481518 |
| 17 Kaartojärvet | 2715       | 5.26405041 | 0.53481518 |



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|-------------------|------------|------------|------------|
| 17 Kaartojärvet   | 2715       | 5.53289984 | 0.65140406 |
| 17 Kaartojärvet   | 2715       | 5.53289984 | 0.65140406 |
| 17 Kaartojärvet   | 2715       | 5.54892066 | 0.51874089 |
| 17 Kaartojärvet   | 2715       | 5.54892066 | 0.51874089 |
| 17 Kaartojärvet   | 2715       | 5.66557228 | 0.52936278 |
| 17 Kaartojärvet   | 2715       | 5.66557228 | 0.52936278 |
| 17 Kaartojärvet   | 2715       | 5.71113149 | 0.56130589 |
| 17 Kaartojärvet   | 2715       | 5.71113149 | 0.56130589 |
| 17 Kaartojärvet   | 2715       | 5.7221458  | 0.54918227 |
| 17 Kaartojärvet   | 2715       | 5.7221458  | 0.54918227 |
| 17 Kaartojärvet   | 2715       | 5.88235403 | 0.50705098 |
| 17 Kaartojärvet   | 2715       | 5.88235403 | 0.50705098 |
| 35 09LSC4_131.1   | 2715       | 4.9        | 0.2        |
| 35 09LSC4_131.1   | 2715       | 4.9        | 0.2        |
| 51 Siam1_112      | 2715.92675 | 4.66755164 | 0.29433026 |
| 51 Siam1_112      | 2715.92675 | 4.66755164 | 0.29433026 |
| 94 165591@19. asc | 2716       | 5.3        | 0.2        |
| 24 DD81-17        | 2717       | 5.42       |            |
| 24 DD81-17        | 2717       | 5.42       |            |
| 25 PN 76-13       | 2717       | 5.87       |            |
| 25 PN 76-13       | 2717       | 5.87       |            |
| 35 07LSC5_60.1    | 2717       | 4.8        | 0.3        |
| 35 07LSC5_60.1    | 2717       | 4.8        | 0.3        |
| 35 09LSC4_97.2    | 2717       | 5.2        | 0.2        |
| 35 09LSC4_97.2    | 2717       | 5.2        | 0.2        |
| 35 07LSC9_22.1    | 2717       | 5.5        | 0.3        |
| 35 07LSC9_22.1    | 2717       | 5.5        | 0.3        |
| 10 2641-20        | 2718       | 3          | 0.4        |
| 10 2641-20        | 2718       | 3          | 0.4        |
| 24 C-81-10        | 2718       | 5.9        |            |
| 24 C-81-10        | 2718       | 5.9        |            |
| 35 07LSC7_3.1     | 2718       | 5.2        | 0.5        |
| 35 07LSC7_3.1     | 2718       | 5.2        | 0.5        |
| 60 p11-142        | 2718       | 6.3        | 0.3        |
| 60 p11-142        | 2718       | 6.3        | 0.3        |
| 51 Siam1_37       | 2718.40477 | 5.38589817 | 0.21569878 |
| 51 Siam1_37       | 2718.40477 | 5.38589817 | 0.21569878 |
| 30 n2539-rpt-46   | 2719       | 5.02       | 0.27       |
| 30 n2539-rpt-46   | 2719       | 5.02       | 0.27       |
| 35 07LSC10_19.1   | 2719       | 5          | 0.3        |
| 35 07LSC10_19.1   | 2719       | 5          | 0.3        |
| 35 07LSC6_29.1    | 2719       | 5.8        | 0.3        |
| 35 07LSC6_29.1    | 2719       | 5.8        | 0.3        |
| 94 165593@18. asc | 2719       | 6.5        | 0.3        |
| 11 01TT02(2)-00:  | 2719.1     | 4.58376837 | 0.3643618  |

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|-------------------|-------------|-------------|-------------|
| 11 01TT02(2)-00:  | 2719. 1     | 4. 58376837 | 0. 3643618  |
| 51 BBF-11-58      | 2719. 56172 | 4. 11049341 | 0. 29668408 |
| 51 BBF-11-58      | 2719. 56172 | 4. 11049341 | 0. 29668408 |
| 24 PN-78-5        | 2720        | 5. 81       |             |
| 24 PN-78-5        | 2720        | 5. 81       |             |
| 24 C-83-19        | 2720        | 6. 01       |             |
| 24 C-83-19        | 2720        | 6. 01       |             |
| 30 n2539-rpt-b5f  | 2720        | 4. 69       | 0. 3        |
| 30 n2539-rpt-b5f  | 2720        | 4. 69       | 0. 3        |
| 35 07LSC8_49. 1   | 2720        | 6. 1        | 0. 3        |
| 35 07LSC8_49. 1   | 2720        | 6. 1        | 0. 3        |
| 45 97MW7          | 2720        | 2. 4        |             |
| 45 97MW7          | 2720        | 2. 4        |             |
| 45 97MW4          | 2720        | 4. 38       |             |
| 45 97MW4          | 2720        | 4. 38       |             |
| 94 165592@10. asc | 2721        | 5. 7        | 0. 2        |
| 17 Kaapinsalmi t  | 2722        | 5. 13739609 | 0. 76885519 |
| 17 Kaapinsalmi t  | 2722        | 5. 13739609 | 0. 76885519 |
| 17 Kaapinsalmi t  | 2722        | 5. 50983852 | 0. 57502199 |
| 17 Kaapinsalmi t  | 2722        | 5. 50983852 | 0. 57502199 |
| 17 Kaapinsalmi t  | 2722        | 5. 52186896 | 0. 53638044 |
| 17 Kaapinsalmi t  | 2722        | 5. 52186896 | 0. 53638044 |
| 17 Kaapinsalmi t  | 2722        | 5. 59756049 | 0. 60009874 |
| 17 Kaapinsalmi t  | 2722        | 5. 59756049 | 0. 60009874 |
| 17 Kaapinsalmi t  | 2722        | 5. 6847812  | 0. 51888482 |
| 17 Kaapinsalmi t  | 2722        | 5. 6847812  | 0. 51888482 |
| 17 Kaapinsalmi t  | 2722        | 5. 7339055  | 0. 61537205 |
| 17 Kaapinsalmi t  | 2722        | 5. 7339055  | 0. 61537205 |
| 17 Kaapinsalmi t  | 2722        | 5. 73440677 | 0. 64651742 |
| 17 Kaapinsalmi t  | 2722        | 5. 73440677 | 0. 64651742 |
| 17 Kaapinsalmi t  | 2722        | 5. 75245243 | 0. 5967924  |
| 17 Kaapinsalmi t  | 2722        | 5. 75245243 | 0. 5967924  |
| 17 Kaapinsalmi t  | 2722        | 5. 76949556 | 0. 52821456 |
| 17 Kaapinsalmi t  | 2722        | 5. 76949556 | 0. 52821456 |
| 17 Kaapinsalmi t  | 2722        | 5. 82563762 | 0. 56718606 |
| 17 Kaapinsalmi t  | 2722        | 5. 82563762 | 0. 56718606 |
| 17 Kaapinsalmi t  | 2722        | 5. 86924797 | 0. 61687803 |
| 17 Kaapinsalmi t  | 2722        | 5. 86924797 | 0. 61687803 |
| 17 Kaapinsalmi t  | 2722        | 5. 87275685 | 0. 5192574  |
| 17 Kaapinsalmi t  | 2722        | 5. 87275685 | 0. 5192574  |
| 107 WPG90/4_25    | 2722        | 5. 8        | 0. 21       |
| 17 Arola A573     | 2723        | 4. 61555008 | 0. 52557905 |
| 17 Arola A573     | 2723        | 4. 61555008 | 0. 52557905 |
| 17 Arola A575     | 2723        | 4. 72925279 | 0. 58574799 |
| 17 Arola A575     | 2723        | 4. 72925279 | 0. 58574799 |

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| 17 Arola A575    | 2723 | 4.94163143 | 0.47787053 |
| 17 Arola A575    | 2723 | 4.94163143 | 0.47787053 |
| 17 Arola A574    | 2723 | 4.94163143 | 0.57080294 |
| 17 Arola A574    | 2723 | 4.94163143 | 0.57080294 |
| 17 Arola A572    | 2723 | 4.9651734  | 0.58671845 |
| 17 Arola A572    | 2723 | 4.9651734  | 0.58671845 |
| 17 Arola A575    | 2723 | 5.20059311 | 0.47373062 |
| 17 Arola A575    | 2723 | 5.20059311 | 0.47373062 |
| 17 Arola A575    | 2723 | 5.22513687 | 0.41683185 |
| 17 Arola A575    | 2723 | 5.22513687 | 0.41683185 |
| 17 Koitere A1349 | 2723 | 5.24316902 | 0.43193844 |
| 17 Koitere A1349 | 2723 | 5.24316902 | 0.43193844 |
| 17 Arola A575    | 2723 | 5.27021724 | 0.48158521 |
| 17 Arola A575    | 2723 | 5.27021724 | 0.48158521 |
| 17 Arola A575    | 2723 | 5.3734012  | 0.50769795 |
| 17 Arola A575    | 2723 | 5.3734012  | 0.50769795 |
| 17 Koitere A1349 | 2723 | 5.44753336 | 0.61620275 |
| 17 Koitere A1349 | 2723 | 5.44753336 | 0.61620275 |
| 17 Koitere A1349 | 2723 | 5.51014499 | 0.50278902 |
| 17 Koitere A1349 | 2723 | 5.51014499 | 0.50278902 |
| 17 Koitere A1349 | 2723 | 5.66492092 | 0.58744966 |
| 17 Koitere A1349 | 2723 | 5.66492092 | 0.58744966 |
| 17 Koitere A1340 | 2723 | 5.70549326 | 0.49408639 |
| 17 Koitere A1340 | 2723 | 5.70549326 | 0.49408639 |
| 17 Koitere A1342 | 2723 | 5.70749683 | 0.51140596 |
| 17 Koitere A1342 | 2723 | 5.70749683 | 0.51140596 |
| 17 Koitere A1338 | 2723 | 5.72252362 | 0.53379092 |
| 17 Koitere A1338 | 2723 | 5.72252362 | 0.53379092 |
| 17 Koitere A1349 | 2723 | 5.7595897  | 0.54875836 |
| 17 Koitere A1349 | 2723 | 5.7595897  | 0.54875836 |
| 17 Koitere A1349 | 2723 | 5.90735314 | 0.60777564 |
| 17 Koitere A1349 | 2723 | 5.90735314 | 0.60777564 |
| 17 Koitere A1339 | 2723 | 5.92989332 | 0.44942073 |
| 17 Koitere A1339 | 2723 | 5.92989332 | 0.44942073 |
| 17 Koitere A1349 | 2723 | 5.96445494 | 0.56103884 |
| 17 Koitere A1349 | 2723 | 5.96445494 | 0.56103884 |
| 17 Koitere A1349 | 2723 | 6.0385871  | 0.4214722  |
| 17 Koitere A1349 | 2723 | 6.0385871  | 0.4214722  |
| 17 Koitere A1340 | 2723 | 6.0676389  | 0.49750943 |
| 17 Koitere A1340 | 2723 | 6.0676389  | 0.49750943 |
| 17 Koitere A1340 | 2723 | 6.08266569 | 0.41743802 |
| 17 Koitere A1340 | 2723 | 6.08266569 | 0.41743802 |
| 17 Koitere A1341 | 2723 | 6.09819337 | 0.48203584 |
| 17 Koitere A1341 | 2723 | 6.09819337 | 0.48203584 |
| 17 Koitere A1345 | 2723 | 6.10119873 | 0.51631451 |

|                  |             |             |             |
|------------------|-------------|-------------|-------------|
| 17 Koitere A134  | 2723        | 6. 10119873 | 0. 51631451 |
| 17 Koitere A134  | 2723        | 6. 12423981 | 0. 46807279 |
| 17 Koitere A134  | 2723        | 6. 12423981 | 0. 46807279 |
| 17 Koitere A134' | 2723        | 6. 3250979  | 0. 49104877 |
| 17 Koitere A134' | 2723        | 6. 3250979  | 0. 49104877 |
| 17 Koitere A134  | 2723        | 6. 35164523 | 0. 51207631 |
| 17 Koitere A134  | 2723        | 6. 35164523 | 0. 51207631 |
| 17 Koitere A134  | 2723        | 6. 41726221 | 0. 5124032  |
| 17 Koitere A134  | 2723        | 6. 41726221 | 0. 5124032  |
| 17 Koitere A134  | 2723        | 6. 42878275 | 0. 5634343  |
| 17 Koitere A134  | 2723        | 6. 42878275 | 0. 5634343  |
| 17 Koitere A134  | 2723        | 6. 54849618 | 0. 54832234 |
| 17 Koitere A134  | 2723        | 6. 54849618 | 0. 54832234 |
| 17 Koitere A134  | 2723        | 6. 65618818 | 0. 56059274 |
| 17 Koitere A134  | 2723        | 6. 65618818 | 0. 56059274 |
| 17 Koitere A134  | 2723        | 6. 84001591 | 0. 48587548 |
| 17 Koitere A134  | 2723        | 6. 84001591 | 0. 48587548 |
| 17 Koitere A134  | 2723        | 7. 02785078 | 0. 42102933 |
| 17 Koitere A134  | 2723        | 7. 02785078 | 0. 42102933 |
| 20 CM1. 2        | 2723        | 5. 8        | 0. 5        |
| 20 CM1. 2        | 2723        | 5. 8        | 0. 5        |
| 20 CM1. 2        | 2723        | 5. 8        | 0. 5        |
| 24 DD78-19       | 2723        | 4. 88       |             |
| 24 DD78-19       | 2723        | 4. 88       |             |
| 24 DD81-30       | 2723        | 5. 69       |             |
| 24 DD81-30       | 2723        | 5. 69       |             |
| 24 DD85-10       | 2723        | 5. 76       |             |
| 24 DD85-10       | 2723        | 5. 76       |             |
| 51 Siaml_79      | 2723. 62209 | 4. 99434359 | 0. 26566687 |
| 51 Siaml_79      | 2723. 62209 | 4. 99434359 | 0. 26566687 |
| 35 07LSC10_10. 1 | 2724        | 5. 1        | 0. 4        |
| 35 07LSC10_10. 1 | 2724        | 5. 1        | 0. 4        |
| 28 C-88-17       | 2725        | 5. 07       |             |
| 28 C-88-17       | 2725        | 5. 07       |             |
| 35 07LSC3_19. 1  | 2726        | 5. 4        | 0. 3        |
| 35 07LSC3_19. 1  | 2726        | 5. 4        | 0. 3        |
| 35 07LSC12_40. 1 | 2726        | 6. 5        | 0. 2        |
| 35 07LSC12_40. 1 | 2726        | 6. 5        | 0. 2        |
| 60 VGt-546       | 2726        | 4. 3        | 0. 4        |
| 60 VGt-546       | 2726        | 4. 3        | 0. 4        |
| 24 DD84-18       | 2727        | 5. 47       |             |
| 24 DD84-18       | 2727        | 5. 47       |             |
| 28 PN-77-18      | 2727        | 5. 58       |             |
| 28 PN-77-18      | 2727        | 5. 58       |             |
| 35 07LSC7_17. 1  | 2727        | 4. 7        | 0. 4        |

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| 35 07LSC7_17.1   | 2727       | 4.7        | 0.4        |
| 35 07LSC3_17     | 2727       | 5.6        | 0.3        |
| 35 07LSC3_17     | 2727       | 5.6        | 0.3        |
| 35 07LSC9_8.2    | 2727       | 6.5        | 0.3        |
| 35 07LSC9_8.2    | 2727       | 6.5        | 0.3        |
| 24 RNLY3105      | 2728       | 5.26       |            |
| 24 RNLY3105      | 2728       | 5.26       |            |
| 24 RN SHAFT      | 2728       | 5.59       |            |
| 24 RN SHAFT      | 2728       | 5.59       |            |
| 30 n2539-rpt-b50 | 2728       | 5.38       | 0.29       |
| 30 n2539-rpt-b50 | 2728       | 5.38       | 0.29       |
| 35 07LSC9_10.2   | 2728       | 3.4        | 0.4        |
| 35 07LSC9_10.2   | 2728       | 3.4        | 0.4        |
| 35 09LSC4_70.1   | 2728       | 5.6        | 0.2        |
| 35 09LSC4_70.1   | 2728       | 5.6        | 0.2        |
| 35 07LSC9_34.1   | 2728       | 5.9        | 0.3        |
| 35 07LSC9_34.1   | 2728       | 5.9        | 0.3        |
| 18 CNG2-anu-zrn- | 2728.49445 | 4.38647793 | 0.59183808 |
| 18 CNG2-anu-zrn- | 2728.49445 | 4.38647793 | 0.59183808 |
| 17 Ilomantsinjäi | 2729       | 5.63052673 | 0.63942518 |
| 17 Ilomantsinjäi | 2729       | 5.63052673 | 0.63942518 |
| 17 Ilomantsinjäi | 2729       | 5.65105341 | 0.58463444 |
| 17 Ilomantsinjäi | 2729       | 5.65105341 | 0.58463444 |
| 17 Ilomantsinjäi | 2729       | 5.7191419  | 0.55634111 |
| 17 Ilomantsinjäi | 2729       | 5.7191419  | 0.55634111 |
| 17 Ilomantsinjäi | 2729       | 5.74918094 | 0.64327296 |
| 17 Ilomantsinjäi | 2729       | 5.74918094 | 0.64327296 |
| 17 Ilomantsinjäi | 2729       | 5.80375187 | 0.57184286 |
| 17 Ilomantsinjäi | 2729       | 5.80375187 | 0.57184286 |
| 17 Ilomantsinjäi | 2729       | 5.8998768  | 0.61542386 |
| 17 Ilomantsinjäi | 2729       | 5.8998768  | 0.61542386 |
| 17 Ilomantsinjäi | 2729       | 6.18174315 | 0.55250701 |
| 17 Ilomantsinjäi | 2729       | 6.18174315 | 0.55250701 |
| 17 Ilomantsinjäi | 2729       | 6.24031928 | 0.5336604  |
| 17 Ilomantsinjäi | 2729       | 6.24031928 | 0.5336604  |
| 17 Ilomantsinjäi | 2729       | 6.28938305 | 0.53527284 |
| 17 Ilomantsinjäi | 2729       | 6.28938305 | 0.53527284 |
| 17 Ilomantsinjäi | 2729       | 6.39502035 | 0.52873328 |
| 17 Ilomantsinjäi | 2729       | 6.39502035 | 0.52873328 |
| 17 Ilomantsinjäi | 2729       | 6.43907761 | 0.53754196 |
| 17 Ilomantsinjäi | 2729       | 6.43907761 | 0.53754196 |
| 17 Ilomantsinjäi | 2729       | 6.64784895 | 0.58046156 |
| 17 Ilomantsinjäi | 2729       | 6.64784895 | 0.58046156 |
| 24 DD86-25a      | 2729       | 5.53       |            |
| 24 DD86-25a      | 2729       | 5.53       |            |

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|-------------------|------|------|-----|
| 28 DD78-24        | 2729 | 5.48 |     |
| 28 DD78-24        | 2729 | 5.48 |     |
| 35 07LSC10_4.1    | 2729 | 4.1  | 0.3 |
| 35 07LSC10_4.1    | 2729 | 4.1  | 0.3 |
| 35 07LSC9_17.1    | 2729 | 5.4  | 0.5 |
| 35 07LSC9_17.1    | 2729 | 5.4  | 0.5 |
| 24 DD87-48        | 2730 | 5.69 |     |
| 24 DD87-48        | 2730 | 5.69 |     |
| 24 DD84-20        | 2730 | 5.97 |     |
| 24 DD84-20        | 2730 | 5.97 |     |
| 35 07LSC9_19.1    | 2730 | 5.7  | 0.3 |
| 35 07LSC9_19.1    | 2730 | 5.7  | 0.3 |
| 35 07LSC8_49.2    | 2730 | 6.3  | 0.3 |
| 35 07LSC8_49.2    | 2730 | 6.3  | 0.3 |
| 24 DD78-6         | 2731 | 5.43 |     |
| 24 DD78-6         | 2731 | 5.43 |     |
| 24 DD83-4         | 2732 | 4.96 |     |
| 24 DD83-4         | 2732 | 4.96 |     |
| 24 DD78-4         | 2732 | 5.07 |     |
| 24 DD78-4         | 2732 | 5.07 |     |
| 24 DD83-10        | 2732 | 5.54 |     |
| 24 DD83-10        | 2732 | 5.54 |     |
| 35 07LSC9_2.1     | 2732 | 5.6  | 0.3 |
| 35 07LSC9_2.1     | 2732 | 5.6  | 0.3 |
| 35 07LSC9_38.1    | 2732 | 6.9  | 0.5 |
| 35 07LSC9_38.1    | 2732 | 6.9  | 0.5 |
| 24 DD78-18        | 2733 | 4.92 |     |
| 24 DD78-18        | 2733 | 4.92 |     |
| 24 DD83-9         | 2733 | 5.24 |     |
| 24 DD83-9         | 2733 | 5.24 |     |
| 24 31E            | 2733 | 5.57 |     |
| 24 31E            | 2733 | 5.57 |     |
| 24 DD81-32        | 2734 | 5.52 |     |
| 24 DD81-32        | 2734 | 5.52 |     |
| 25 JH 82-1        | 2734 | 5.39 |     |
| 25 JH 82-1        | 2734 | 5.39 |     |
| 25 PN 76-15       | 2734 | 5.48 |     |
| 25 PN 76-15       | 2734 | 5.48 |     |
| 94 165591@27. asc | 2734 | 4.7  | 0.2 |
| 25 JH 82-2        | 2735 | 5.33 |     |
| 25 JH 82-2        | 2735 | 5.33 |     |
| 25 JH 82-4        | 2735 | 5.46 |     |
| 25 JH 82-4        | 2735 | 5.46 |     |
| 59 M0-1081        | 2735 | 5.1  | 0.2 |
| 59 M0-1081        | 2735 | 5.1  | 0.2 |

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|------------------|------------|------------|------------|
| 60 lnt-011       | 2735       | 8.5        | 0.2        |
| 60 lnt-011       | 2735       | 8.5        | 0.2        |
| 51 Siam1_56      | 2735.31801 | 5.81074315 | 0.21290216 |
| 51 Siam1_56      | 2735.31801 | 5.81074315 | 0.21290216 |
| 25 JH 82-3       | 2736       | 5.09       |            |
| 25 JH 82-3       | 2736       | 5.09       |            |
| 25 PN 76-14      | 2736       | 5.51       |            |
| 25 PN 76-14      | 2736       | 5.51       |            |
| 35 07LSC7_1.1    | 2736       | 4.7        | 0.4        |
| 35 07LSC7_1.1    | 2736       | 4.7        | 0.4        |
| 35 09LSC4_83.1   | 2736       | 6.3        | 0.3        |
| 35 09LSC4_83.1   | 2736       | 6.3        | 0.3        |
| 19 08LL05 49     | 2737       | 5.95       | 0.44       |
| 19 08LL05 49     | 2737       | 5.95       | 0.44       |
| 35 07LSC8_63.2   | 2737       | 6.7        | 0.4        |
| 35 07LSC8_63.2   | 2737       | 6.7        | 0.4        |
| 25 DD78-17       | 2739       | 5.08       |            |
| 25 DD78-17       | 2739       | 5.08       |            |
| 51 Siam1_59      | 2739.92174 | 5.86812421 | 0.30600615 |
| 51 Siam1_59      | 2739.92174 | 5.86812421 | 0.30600615 |
| 29 B87-16        | 2740       | 6.12       |            |
| 29 B87-16        | 2740       | 6.12       |            |
| 30 n2539-rpt-6   | 2740       | 6.52       | 0.24       |
| 30 n2539-rpt-6   | 2740       | 6.52       | 0.24       |
| 59 M0-1260       | 2740       | 5.1        | 0.2        |
| 59 M0-1260       | 2740       | 5.1        | 0.2        |
| 17 Kuittila A28! | 2741       | 5.17042873 | 0.6156173  |
| 17 Kuittila A28! | 2741       | 5.17042873 | 0.6156173  |
| 17 Kuittila A28! | 2741       | 6.85211443 | 0.55830409 |
| 17 Kuittila A28! | 2741       | 6.85211443 | 0.55830409 |
| 17 Kuittila A28! | 2741       | 7.12797297 | 0.55944866 |
| 17 Kuittila A28! | 2741       | 7.12797297 | 0.55944866 |
| 17 Kuittila A28! | 2741       | 7.18004064 | 0.60907335 |
| 17 Kuittila A28! | 2741       | 7.18004064 | 0.60907335 |
| 24 C-87-17       | 2741       | 5.41       |            |
| 24 C-87-17       | 2741       | 5.41       |            |
| 35 07LSC9_8.1    | 2741       | 6.2        | 0.2        |
| 35 07LSC9_8.1    | 2741       | 6.2        | 0.2        |
| 51 CS12-24-48    | 2741.54001 | 2.36727307 | 0.17857398 |
| 51 CS12-24-48    | 2741.54001 | 2.36727307 | 0.17857398 |
| 20 BB3.3.16      | 2743       | 4.6        | 0.4        |
| 20 BB3.3.16      | 2743       | 4.6        | 0.4        |
| 20 BB3.3.16      | 2743       | 4.6        | 0.4        |
| 35 09LSC4_110.2  | 2743       | 5.2        | 0.2        |
| 35 09LSC4_110.2  | 2743       | 5.2        | 0.2        |

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| 35 07LSC8_56.2   | 2743       | 5.8        | 0.3        |
| 35 07LSC8_56.2   | 2743       | 5.8        | 0.3        |
| 51 Siam1_86      | 2743.98075 | 5.23555909 | 0.26320102 |
| 51 Siam1_86      | 2743.98075 | 5.23555909 | 0.26320102 |
| 17 Sysmänjärvi t | 2744       | 4.55112382 | 0.55947624 |
| 17 Sysmänjärvi t | 2744       | 4.55112382 | 0.55947624 |
| 17 Sysmänjärvi t | 2744       | 5.00821791 | 0.54112444 |
| 17 Sysmänjärvi t | 2744       | 5.00821791 | 0.54112444 |
| 17 Sysmänjärvi t | 2744       | 5.06479144 | 0.52950473 |
| 17 Sysmänjärvi t | 2744       | 5.06479144 | 0.52950473 |
| 17 Sysmänjärvi t | 2744       | 5.23000617 | 0.53803761 |
| 17 Sysmänjärvi t | 2744       | 5.23000617 | 0.53803761 |
| 17 Sysmänjärvi t | 2744       | 5.29559141 | 0.50343283 |
| 17 Sysmänjärvi t | 2744       | 5.29559141 | 0.50343283 |
| 17 Sysmänjärvi t | 2744       | 5.31261353 | 0.57644492 |
| 17 Sysmänjärvi t | 2744       | 5.31261353 | 0.57644492 |
| 17 Sysmänjärvi t | 2744       | 5.611502   | 0.59230083 |
| 17 Sysmänjärvi t | 2744       | 5.611502   | 0.59230083 |
| 17 Sysmänjärvi t | 2744       | 5.8633293  | 0.57903457 |
| 17 Sysmänjärvi t | 2744       | 5.8633293  | 0.57903457 |
| 17 Sysmänjärvi t | 2744       | 5.87384297 | 0.4999554  |
| 17 Sysmänjärvi t | 2744       | 5.87384297 | 0.4999554  |
| 17 Sysmänjärvi t | 2744       | 6.57024809 | 0.52766073 |
| 17 Sysmänjärvi t | 2744       | 6.57024809 | 0.52766073 |
| 107 DL90/7_2     | 2744       | 6.91       | 0.22       |
| 35 07LSC3_43     | 2745       | 4.3        | 0.3        |
| 35 07LSC3_43     | 2745       | 4.3        | 0.3        |
| 35 07LSC10_9.1   | 2746       | 5.8        | 0.3        |
| 35 07LSC10_9.1   | 2746       | 5.8        | 0.3        |
| 107 WPG90/4_18   | 2746       | 6.23       | 0.24       |
| 51 CS12-23-26    | 2746.42858 | 5.27691646 | 0.48280801 |
| 51 CS12-23-26    | 2746.42858 | 5.27691646 | 0.48280801 |
| 37 07SC49@06     | 2750       | 5.19       | 0.39       |
| 37 07SC49@06     | 2750       | 5.19       | 0.39       |
| 35 07LSC9_12.1   | 2751       | 4.5        | 0.5        |
| 35 07LSC9_12.1   | 2751       | 4.5        | 0.5        |
| 106 10GD49-51    | 2751       | 6.59       | 0.25       |
| 118 WFS13-01@25  | 2751       | 5.36       | 0.36       |
| 59 MO-1099       | 2753       | 5.6        | 0.3        |
| 59 MO-1099       | 2753       | 5.6        | 0.3        |
| 107 WPG90/4_9    | 2754       | 6.26       | 0.19       |
| 35 07LSC10_36.1  | 2755       | 4.8        | 0.3        |
| 35 07LSC7_12.2   | 2755       | 4.8        | 0.3        |
| 35 07LSC10_36.1  | 2755       | 4.8        | 0.3        |
| 35 07LSC7_12.2   | 2755       | 4.8        | 0.3        |



|                  |            |            |            |
|------------------|------------|------------|------------|
| 123              | 2755       | 3.31       | 0.06336012 |
| 35 07LSC7_2.1    | 2756       | 4.8        | 0.4        |
| 35 07LSC7_2.1    | 2756       | 4.8        | 0.4        |
| 35 09LSC4_51.1   | 2756       | 7.4        | 0.3        |
| 35 09LSC4_51.1   | 2756       | 7.4        | 0.3        |
| 35 09LSC4_5.2    | 2757       | 5.3        | 0.2        |
| 35 09LSC4_5.2    | 2757       | 5.3        | 0.2        |
| 107 WPG90/4_40   | 2757       | 5.04       | 0.11       |
| 35 07LSC8_47.2   | 2758       | 5.1        | 0.3        |
| 35 07LSC8_47.2   | 2758       | 5.1        | 0.3        |
| 35 07LSC7_25.2   | 2758       | 5.2        | 0.3        |
| 35 07LSC7_25.2   | 2758       | 5.2        | 0.3        |
| 35 07LSC6_31.1   | 2758       | 6.5        | 0.2        |
| 35 07LSC6_31.1   | 2758       | 6.5        | 0.2        |
| 35 07LSC6_63.1   | 2759       | 4.4        | 0.4        |
| 35 07LSC6_63.1   | 2759       | 4.4        | 0.4        |
| 35 07LSC7_7.2    | 2759       | 4.9        | 0.6        |
| 35 07LSC7_7.2    | 2759       | 4.9        | 0.6        |
| 35 07LSC10_17.1  | 2760       | 4.7        | 0.5        |
| 35 07LSC10_17.1  | 2760       | 4.7        | 0.5        |
| 35 07LSC7_25.1   | 2763       | 5          | 0.4        |
| 35 07LSC7_25.1   | 2763       | 5          | 0.4        |
| 35 09LSC4_113.1  | 2763       | 6          | 0.2        |
| 35 09LSC4_113.1  | 2763       | 6          | 0.2        |
| 30 n2539-rpt-b18 | 2764       | 5.22       | 0.26       |
| 30 n2539-rpt-b18 | 2764       | 5.22       | 0.26       |
| 35 07LSC6_25.1   | 2764       | 5.5        | 0.5        |
| 35 07LSC6_25.1   | 2764       | 5.5        | 0.5        |
| 18 CNG2-anu-zrn- | 2765.11451 | 5.95673392 | 0.56415152 |
| 18 CNG2-anu-zrn- | 2765.11451 | 5.95673392 | 0.56415152 |
| 20 BB1.22        | 2767       | 5.2        | 0.4        |
| 20 BB1.22        | 2767       | 5.2        | 0.4        |
| 20 BB1.22        | 2767       | 5.2        | 0.4        |
| 35 07LSC9_37.1   | 2767       | 5.2        | 0.4        |
| 35 07LSC9_37.1   | 2767       | 5.2        | 0.4        |
| 35 07LSC12_10.1  | 2768       | 6          | 0.2        |
| 35 07LSC12_10.1  | 2768       | 6          | 0.2        |
| 35 07LSC10_7.1   | 2769       | 5.3        | 0.4        |
| 35 07LSC10_7.1   | 2769       | 5.3        | 0.4        |
| 35 07LSC10_5.1   | 2770       | 5.3        | 0.4        |
| 35 07LSC10_5.1   | 2770       | 5.3        | 0.4        |
| 35 07LSC6_41.1   | 2770       | 5.8        | 0.2        |
| 35 07LSC6_41.1   | 2770       | 5.8        | 0.2        |
| 35 07LSC6_47.1   | 2770       | 6          | 0.3        |
| 35 07LSC6_47.1   | 2770       | 6          | 0.3        |

|                   |            |            |            |
|-------------------|------------|------------|------------|
| 94 165593@31. asc | 2772       | 7.4        | 0.3        |
| 51 Siam1_52       | 2772.81877 | 5.3884002  | 0.26529591 |
| 51 Siam1_52       | 2772.81877 | 5.3884002  | 0.26529591 |
| 94 165591@21. asc | 2773       | 4.8        | 0.2        |
| 35 07LSC7_32.1    | 2774       | 4.9        | 0.3        |
| 35 07LSC7_32.1    | 2774       | 4.9        | 0.3        |
| 35 07LSC7_11.2    | 2775       | 5.1        | 0.4        |
| 35 07LSC7_11.2    | 2775       | 5.1        | 0.4        |
| 35 09LSC4_5.1     | 2775       | 5.8        | 0.2        |
| 35 09LSC4_5.1     | 2775       | 5.8        | 0.2        |
| 10 1774-75        | 2776       | 2.7        | 0.7        |
| 10 1774-75        | 2776       | 2.7        | 0.7        |
| 51 Siam1_98       | 2776.28763 | 4.5544506  | 0.28340574 |
| 51 Siam1_98       | 2776.28763 | 4.5544506  | 0.28340574 |
| 35 07LSC3_15      | 2777       | 4.5        | 0.3        |
| 35 07LSC3_15      | 2777       | 4.5        | 0.3        |
| 35 07LSC7_14.2    | 2777       | 5.6        | 0.4        |
| 35 07LSC7_14.2    | 2777       | 5.6        | 0.4        |
| 118 AGQ13-08@68   | 2777       | 5.56       | 0.28       |
| 35 07LSC7_10.1    | 2778       | 5.1        | 0.3        |
| 35 07LSC7_10.1    | 2778       | 5.1        | 0.3        |
| 35 07LSC7_32.2    | 2778       | 5.4        | 0.3        |
| 35 07LSC7_32.2    | 2778       | 5.4        | 0.3        |
| 35 07LSC3_48      | 2779       | 4.7        | 0.3        |
| 35 07LSC3_48      | 2779       | 4.7        | 0.3        |
| 107 IT/17_23      | 2779       | 5.11       | 0.24       |
| 106 10GD49-26     | 2780       | 0.06       | 0.26       |
| 35 07LSC10_16.1   | 2782       | 4.8        | 0.4        |
| 35 07LSC10_16.1   | 2782       | 4.8        | 0.4        |
| 35 09LSC4_43.1    | 2782       | 7.1        | 0.2        |
| 35 09LSC4_43.1    | 2782       | 7.1        | 0.2        |
| 51 Siam1_36       | 2782.79563 | 5.55453511 | 0.23406064 |
| 51 Siam1_36       | 2782.79563 | 5.55453511 | 0.23406064 |
| 35 07LSC8_11.1    | 2783       | 6.9        | 0.4        |
| 35 07LSC8_11.1    | 2783       | 6.9        | 0.4        |
| 35 09LSC4_21.1    | 2784       | 6.5        | 0.2        |
| 35 09LSC4_21.1    | 2784       | 6.5        | 0.2        |
| 35 07LSC9_54.1    | 2785       | 6.4        | 0.3        |
| 35 07LSC9_54.1    | 2785       | 6.4        | 0.3        |
| 35 07LSC9_50.1    | 2787       | 4.9        | 0.6        |
| 35 07LSC9_50.1    | 2787       | 4.9        | 0.6        |
| 35 07LSC10_37.2   | 2788       | 5.7        | 0.5        |
| 35 07LSC10_37.2   | 2788       | 5.7        | 0.5        |
| 94 165593@21. asc | 2788       | 5.5        | 0.2        |
| 35 07LSC3_20      | 2789       | 4.2        | 0.2        |

|                   |        |            |           |
|-------------------|--------|------------|-----------|
| 35 07LSC3_20      | 2789   | 4.2        | 0.2       |
| 35 07LSC10_37.1   | 2789   | 5.9        | 0.6       |
| 35 07LSC10_37.1   | 2789   | 5.9        | 0.6       |
| 35 07LSC6_27.1    | 2789   | 7.7        | 0.2       |
| 35 07LSC6_27.1    | 2789   | 7.7        | 0.2       |
| 60 lnt-024        | 2789   | 6.2        | 0.2       |
| 60 lnt-024        | 2789   | 6.2        | 0.2       |
| 35 07LSC3_19      | 2790   | 4.5        | 0.3       |
| 35 07LSC3_19      | 2790   | 4.5        | 0.3       |
| 35 07LSC7_9.1     | 2790   | 6          | 0.2       |
| 35 07LSC7_9.1     | 2790   | 6          | 0.2       |
| 35 07LSC9_4.2     | 2791   | 5.1        | 0.4       |
| 35 07LSC9_4.2     | 2791   | 5.1        | 0.4       |
| 35 07LSC10_24.1   | 2791   | 5.1        | 0.5       |
| 35 07LSC10_24.1   | 2791   | 5.1        | 0.5       |
| 35 07LSC7_49.1    | 2791   | 5.5        | 0.3       |
| 35 07LSC7_49.1    | 2791   | 5.5        | 0.3       |
| 11 01TT02(2)-12:  | 2791.1 | 4.28844151 | 0.2473986 |
| 11 01TT02(2)-12:  | 2791.1 | 4.28844151 | 0.2473986 |
| 35 07LSC10_38.1   | 2794   | 5.1        | 0.5       |
| 35 07LSC10_38.1   | 2794   | 5.1        | 0.5       |
| 35 09LSC4_106.2   | 2794   | 5.4        | 0.2       |
| 35 09LSC4_106.2   | 2794   | 5.4        | 0.2       |
| 35 07LSC5_66.1    | 2794   | 5.8        | 0.3       |
| 35 07LSC5_66.1    | 2794   | 5.8        | 0.3       |
| 35 09LSC4_63.1    | 2794   | 6          | 0.2       |
| 35 09LSC4_63.1    | 2794   | 6          | 0.2       |
| 35 07LSC7_20.1    | 2796   | 4.9        | 0.2       |
| 35 07LSC7_20.1    | 2796   | 4.9        | 0.2       |
| 35 09LSC4_74.1    | 2796   | 5.5        | 0.2       |
| 35 09LSC4_74.1    | 2796   | 5.5        | 0.2       |
| 94 165591@20. asc | 2796   | 5.7        | 0.2       |
| 35 09LSC4_60.1    | 2799   | 5.9        | 0.2       |
| 35 09LSC4_60.1    | 2799   | 5.9        | 0.2       |
| 35 07LSC7_35.1    | 2801   | 5.1        | 0.3       |
| 35 07LSC7_35.1    | 2801   | 5.1        | 0.3       |
| 35 07LSC7_15.1    | 2801   | 8          | 0.6       |
| 35 07LSC7_15.1    | 2801   | 8          | 0.6       |
| 35 07LSC7_27.1    | 2802   | 5.1        | 0.3       |
| 35 07LSC7_27.1    | 2802   | 5.1        | 0.3       |
| 119 48.1          | 2804   | 6          | 0.8907    |
| 35 07LSC9_7.1     | 2807   | 5.7        | 0.4       |
| 35 07LSC9_7.1     | 2807   | 5.7        | 0.4       |
| 35 07LSC8_32.1    | 2807   | 6.2        | 0.2       |
| 35 07LSC8_32.1    | 2807   | 6.2        | 0.2       |

|                 |            |            |            |
|-----------------|------------|------------|------------|
| 52 BBF-29-39    | 2810.00364 | 6.81893381 | 0.56393423 |
| 52 BBF-29-39    | 2810.00364 | 6.81893381 | 0.56393423 |
| 30 n2539-rpt-64 | 2811       | 4.8        | 0.29       |
| 30 n2539-rpt-64 | 2811       | 4.8        | 0.29       |
| 35 07LSC9_29.1  | 2811       | 4          | 0.4        |
| 35 07LSC9_29.1  | 2811       | 4          | 0.4        |
| 35 07LSC6_34.2  | 2811       | 5.3        | 0.4        |
| 35 07LSC6_34.2  | 2811       | 5.3        | 0.4        |
| 35 07LSC10_1.1  | 2811       | 5.4        | 0.3        |
| 35 07LSC10_1.1  | 2811       | 5.4        | 0.3        |
| 35 07LSC9_29.2  | 2812       | 5          | 0.2        |
| 35 07LSC9_29.2  | 2812       | 5          | 0.2        |
| 35 07LSC8_56.1  | 2812       | 5.3        | 0.3        |
| 35 07LSC8_56.1  | 2812       | 5.3        | 0.3        |
| 46 Patterson _7 | 2812       | 5.4        | 0.7        |
| 46 Patterson _7 | 2812       | 5.4        | 0.7        |
| 35 09LSC4_115.1 | 2814       | 4.2        | 0.2        |
| 35 09LSC4_115.1 | 2814       | 4.2        | 0.2        |
| 106 10GD48-21   | 2814       | 6.46       | 0.19       |
| 46 Patterson _7 | 2817       | 4.9        | 0.7        |
| 46 Patterson _7 | 2817       | 4.9        | 0.7        |
| 35 09LSC4_84.1  | 2819       | 6.5        | 0.2        |
| 35 09LSC4_84.1  | 2819       | 6.5        | 0.2        |
| 46 Patterson _7 | 2819       | 5.1        | 0.6        |
| 46 Patterson _7 | 2819       | 5.1        | 0.6        |
| 35 07LSC8_47.1  | 2820       | 5.7        | 0.3        |
| 35 07LSC8_47.1  | 2820       | 5.7        | 0.3        |
| 46 Patterson _3 | 2820       | 5.4        | 0.5        |
| 46 Patterson _3 | 2820       | 5.4        | 0.5        |
| 46 Patterson _3 | 2820       | 5.9        | 0.5        |
| 46 Patterson _3 | 2820       | 5.9        | 0.5        |
| 35 07LSC9_7.2   | 2822       | 5.6        | 0.2        |
| 35 07LSC9_7.2   | 2822       | 5.6        | 0.2        |
| 46 Patterson _2 | 2822       | 5.5        | 0.6        |
| 46 Patterson _2 | 2822       | 5.5        | 0.6        |
| 46 Patterson _2 | 2822       | 5.7        | 0.4        |
| 46 Patterson _2 | 2822       | 5.7        | 0.4        |
| 46 Patterson _6 | 2822       | 5.9        | 0.6        |
| 46 Patterson _6 | 2822       | 5.9        | 0.6        |
| 46 Patterson _1 | 2822       | 6.4        | 0.4        |
| 46 Patterson _1 | 2822       | 6.4        | 0.4        |
| 46 Patterson _5 | 2823       | 5.9        | 0.6        |
| 46 Patterson _5 | 2823       | 5.9        | 0.6        |
| 46 Exmouth _1   | 2823       | 6.4        | 0.6        |
| 46 Exmouth _1   | 2823       | 6.4        | 0.6        |

|                   |      |      |      |
|-------------------|------|------|------|
| 30 n2539-rpt-b70  | 2824 | 5.17 | 0.32 |
| 30 n2539-rpt-b70  | 2824 | 5.17 | 0.32 |
| 35 07LSC3_2.1     | 2824 | 4    | 0.3  |
| 35 07LSC3_2.1     | 2824 | 4    | 0.3  |
| 46 Patterson _7'  | 2824 | 5.8  | 0.6  |
| 46 Patterson _7'  | 2824 | 5.8  | 0.6  |
| 35 07LSC6_4.1     | 2826 | 5    | 0.4  |
| 35 07LSC6_4.1     | 2826 | 5    | 0.4  |
| 35 07LSC7_14.1    | 2826 | 5    | 0.5  |
| 35 07LSC7_14.1    | 2826 | 5    | 0.5  |
| 35 07LSC8_34.2    | 2826 | 5.5  | 0.4  |
| 35 07LSC8_34.2    | 2826 | 5.5  | 0.4  |
| 46 Patterson _5'  | 2826 | 5.6  | 0.6  |
| 46 Patterson _5'  | 2826 | 5.6  | 0.6  |
| 35 07LSC3_5.1     | 2827 | 5    | 0.4  |
| 35 07LSC3_5.1     | 2827 | 5    | 0.4  |
| 46 Patterson _3'  | 2828 | 5.2  | 0.5  |
| 46 Patterson _3'  | 2828 | 5.2  | 0.5  |
| 46 Patterson _4'  | 2828 | 5.4  | 0.6  |
| 46 Patterson _4'  | 2828 | 5.4  | 0.6  |
| 35 09LSC4_7.1     | 2829 | 5.5  | 0.2  |
| 35 09LSC4_7.1     | 2829 | 5.5  | 0.2  |
| 35 07LSC6_3.1     | 2829 | 6    | 0.4  |
| 35 07LSC6_3.1     | 2829 | 6    | 0.4  |
| 85 LS0417-2       | 2829 | 5.62 | 0.23 |
| 35 07LSC8_63.1    | 2831 | 5.9  | 0.3  |
| 35 07LSC8_63.1    | 2831 | 5.9  | 0.3  |
| 46 Patterson _80' | 2832 | 5.6  | 0.7  |
| 46 Patterson _80' | 2832 | 5.6  | 0.7  |
| 46 Patterson _4'  | 2832 | 5.8  | 0.7  |
| 46 Patterson _4'  | 2832 | 5.8  | 0.7  |
| 85 LS0417-4       | 2832 | 5.65 | 0.27 |
| 35 09LSC4_32.1    | 2833 | 5.8  | 0.2  |
| 35 09LSC4_32.1    | 2833 | 5.8  | 0.2  |
| 46 Patterson _38' | 2834 | 5.4  | 0.5  |
| 46 Patterson _38' | 2834 | 5.4  | 0.5  |
| 106 10GD48-90     | 2834 | 7.17 | 0.2  |
| 30 n2539-rpt-b1'  | 2835 | 5.05 | 0.32 |
| 30 n2539-rpt-b1'  | 2835 | 5.05 | 0.32 |
| 35 07LSC7_12.1    | 2835 | 4.8  | 0.4  |
| 35 07LSC7_12.1    | 2835 | 4.8  | 0.4  |
| 35 07LSC7_5.2     | 2835 | 5    | 0.3  |
| 35 07LSC7_5.2     | 2835 | 5    | 0.3  |
| 35 09LSC4_52.1    | 2835 | 6.4  | 0.2  |
| 35 09LSC4_52.1    | 2835 | 6.4  | 0.2  |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 46 Loop _27      | 2835       | 4.5        | 0.5        |
| 46 Loop _27      | 2835       | 4.5        | 0.5        |
| 35 07LSC7_2.2    | 2836       | 5.2        | 0.4        |
| 35 07LSC7_2.2    | 2836       | 5.2        | 0.4        |
| 85 LS0417-1      | 2838       | 7          | 0.28       |
| 51 Siam1_30      | 2839.78012 | 4.21194489 | 0.26651735 |
| 51 Siam1_30      | 2839.78012 | 4.21194489 | 0.26651735 |
| 46 Patterson _30 | 2841       | 5.7        | 0.4        |
| 46 Patterson _30 | 2841       | 5.7        | 0.4        |
| 46 Exmouth _47   | 2841       | 5.9        | 0.5        |
| 46 Exmouth _47   | 2841       | 5.9        | 0.5        |
| 46 Patterson _68 | 2841       | 6.1        | 0.6        |
| 46 Patterson _68 | 2841       | 6.1        | 0.6        |
| 35 09LSC4_37.1   | 2846       | 6.9        | 0.2        |
| 35 09LSC4_37.1   | 2846       | 6.9        | 0.2        |
| 46 Patterson _4  | 2846       | 5.3        | 0.6        |
| 46 Patterson _4  | 2846       | 5.3        | 0.6        |
| 46 Patterson _2  | 2847       | 5.5        | 0.4        |
| 46 Patterson _2  | 2847       | 5.5        | 0.4        |
| 35 07LSC12_14.1  | 2849       | 5.1        | 0.2        |
| 35 07LSC12_14.1  | 2849       | 5.1        | 0.2        |
| 46 Exmouth _59   | 2852       | 6.7        | 0.6        |
| 46 Exmouth _59   | 2852       | 6.7        | 0.6        |
| 35 09LSC4_2.1    | 2859       | 6.1        | 0.2        |
| 35 09LSC4_2.1    | 2859       | 6.1        | 0.2        |
| 11 01TT02(2)-110 | 2860.7     | 6.64556448 | 0.4298516  |
| 11 01TT02(2)-110 | 2860.7     | 6.64556448 | 0.4298516  |
| 124 CM13-8@7     | 2862       | 4.24613473 | 0.203296   |
| 124 CM13-8@16    | 2862       | 4.27932857 | 0.2051594  |
| 124 CM13-8@10    | 2862       | 4.30005068 | 0.2186796  |
| 124 CM13-8@15    | 2862       | 4.31091505 | 0.17819874 |
| 124 CM13-8@19    | 2862       | 4.36081367 | 0.13920806 |
| 124 CM13-8@9     | 2862       | 4.37932572 | 0.2432818  |
| 124 CM13-8@2     | 2862       | 4.41856547 | 0.2323352  |
| 124 CM13-8@18    | 2862       | 4.43808587 | 0.16630302 |
| 124 CM13-8@4     | 2862       | 4.47551888 | 0.1826958  |
| 124 CM13-8@11    | 2862       | 4.67641688 | 0.2722742  |
| 124 CM13-8@3     | 2862       | 4.67863164 | 0.2232116  |
| 124 CM13-8@8     | 2862       | 4.68366521 | 0.2126042  |
| 124 CM13-8@17    | 2862       | 4.69332981 | 0.2149064  |
| 124 CM13-8@5     | 2862       | 4.73722554 | 0.2153854  |
| 124 CM13-8@14    | 2862       | 4.77085469 | 0.19125352 |
| 124 CM13-8@13    | 2862       | 4.78313896 | 0.180692   |
| 124 CM13-8@6     | 2862       | 4.82966079 | 0.242992   |
| 124 CM13-8@12    | 2862       | 5.00894113 | 0.2189322  |

|                 |      |            |           |
|-----------------|------|------------|-----------|
| 124 CM13-8@1    | 2862 | 5.08349228 | 0.2512836 |
| 124 CM13-5@23   | 2868 | 5.05099567 | 0.4149324 |
| 124 CM13-5@11   | 2868 | 5.13477784 | 0.3939966 |
| 124 CM13-5@17   | 2868 | 5.15422727 | 0.257417  |
| 124 CM13-5@5    | 2868 | 5.53523665 | 0.4202546 |
| 124 CM13-5@6    | 2868 | 5.55518478 | 0.4616714 |
| 124 CM13-5@12   | 2868 | 5.65043712 | 0.3243712 |
| 124 CM13-5@4    | 2868 | 5.73282292 | 0.281073  |
| 124 CM13-5@10   | 2868 | 5.73372059 | 0.3455274 |
| 124 CM13-5@14   | 2868 | 5.80353906 | 0.3552154 |
| 124 CM13-5@8    | 2868 | 5.82358693 | 0.4261426 |
| 124 CM13-5@24   | 2868 | 5.84842236 | 0.5912748 |
| 124 CM13-5@20   | 2868 | 5.89131085 | 0.498313  |
| 124 CM13-5@7    | 2868 | 5.9421786  | 0.3402    |
| 124 CM13-5@15   | 2868 | 5.98157616 | 0.4030382 |
| 124 CM13-5@21   | 2868 | 6.09727534 | 0.3028028 |
| 124 CM13-5@13   | 2868 | 6.11423126 | 0.3160272 |
| 124 CM13-5@9    | 2868 | 6.23142655 | 0.2707928 |
| 124 CM13-5@2    | 2868 | 6.23441877 | 0.3382896 |
| 124 CM13-5@25   | 2868 | 6.28079819 | 0.2844156 |
| 124 CM13-5@16   | 2868 | 6.30074632 | 0.3585516 |
| 124 CM13-5@22   | 2868 | 6.30772817 | 0.3757662 |
| 124 CM13-5@1    | 2868 | 6.34513092 | 0.3517312 |
| 124 CM13-5@3    | 2868 | 6.35001821 | 0.2849184 |
| 124 CM13-5@18   | 2868 | 6.4757912  | 0.276895  |
| 124 CM13-5@19   | 2868 | 6.64435294 | 0.3634472 |
| 46 Exmouth _13  | 2869 | 7.7        | 0.7       |
| 46 Exmouth _13  | 2869 | 7.7        | 0.7       |
| 35 07LSC10_35.1 | 2870 | 4.1        | 0.3       |
| 35 07LSC10_35.1 | 2870 | 4.1        | 0.3       |
| 35 09LSC4_25.1  | 2870 | 5.3        | 0.2       |
| 35 09LSC4_25.1  | 2870 | 5.3        | 0.2       |
| 98 IV46-70SC    | 2873 | 5.47       | 0.21      |
| 46 Exmouth _31  | 2875 | 7.9        | 0.6       |
| 46 Exmouth _31  | 2875 | 7.9        | 0.6       |
| 46 Exmouth _15  | 2877 | 6.4        | 0.6       |
| 46 Exmouth _15  | 2877 | 6.4        | 0.6       |
| 35 07LSC9_30.2  | 2878 | 5.9        | 0.3       |
| 35 07LSC9_30.2  | 2878 | 5.9        | 0.3       |
| 46 Exmouth _12  | 2879 | 5.4        | 0.6       |
| 46 Exmouth _12  | 2879 | 5.4        | 0.6       |
| 46 Exmouth _25  | 2892 | 5.9        | 0.6       |
| 46 Exmouth _25  | 2892 | 5.9        | 0.6       |
| 107 IT/5_9      | 2893 | 6.37       | 0.26      |
| 46 Exmouth _49  | 2897 | 5.1        | 0.7       |

|                  |            |            |            |
|------------------|------------|------------|------------|
| 46 Exmouth _49   | 2897       | 5.1        | 0.7        |
| 20 HV1. v6       | 2903       | 6.2        | 0.4        |
| 20 HV1. v6       | 2903       | 6.2        | 0.4        |
| 20 HV1. v6       | 2903       | 6.2        | 0.4        |
| 46 Exmouth _7    | 2903       | 7.1        | 0.7        |
| 46 Exmouth _7    | 2903       | 7.1        | 0.7        |
| 35 07LSC5_12.2   | 2905       | 6.4        | 0.3        |
| 35 07LSC5_12.2   | 2905       | 6.4        | 0.3        |
| 11 01TT02(2)-07: | 2914.8     | 5.12443877 | 0.18737582 |
| 11 01TT02(2)-07: | 2914.8     | 5.12443877 | 0.18737582 |
| 37 07SC49@18     | 2916       | 7.34       | 0.38       |
| 37 07SC49@18     | 2916       | 7.34       | 0.38       |
| 51 Siam1_101     | 2916.70576 | 4.66655074 | 0.26158352 |
| 51 Siam1_101     | 2916.70576 | 4.66655074 | 0.26158352 |
| 46 Patterson _9  | 2918       | 6          | 0.5        |
| 46 Patterson _9  | 2918       | 6          | 0.5        |
| 124 CM13-3@17    | 2918       | 5.57513292 | 0.4783556  |
| 124 CM13-3@10    | 2918       | 5.66988656 | 0.3393382  |
| 124 CM13-3@8     | 2918       | 5.68385025 | 0.4156292  |
| 124 CM13-3@1     | 2918       | 5.74718558 | 0.386631   |
| 124 CM13-3@12    | 2918       | 5.7656376  | 0.3513416  |
| 124 CM13-3@3     | 2918       | 5.78508703 | 0.328591   |
| 124 CM13-3@16    | 2918       | 5.87934197 | 0.3404124  |
| 124 CM13-3@6     | 2918       | 5.90577325 | 0.414885   |
| 124 CM13-3@5     | 2918       | 5.90876547 | 0.481772   |
| 124 CM13-3@11    | 2918       | 5.91824083 | 0.3516808  |
| 124 CM13-3@9     | 2918       | 5.9865632  | 0.3681402  |
| 124 CM13-3@7     | 2918       | 6.05538426 | 0.1945681  |
| 124 CM13-3@18    | 2918       | 6.06436092 | 0.509564   |
| 124 CM13-3@19    | 2918       | 6.06535833 | 0.3954896  |
| 124 CM13-3@2     | 2918       | 6.09773415 | 0.3375046  |
| 124 CM13-3@4     | 2918       | 6.10974293 | 0.297634   |
| 124 CM13-3@13    | 2918       | 6.40746884 | 0.226318   |
| 124 CM13-3@14    | 2918       | 6.4159468  | 0.3835778  |
| 124 CM13-3@15    | 2918       | 6.445869   | 0.4608082  |
| 107 WPG90/4_36   | 2920       | 7.19       | 0.12       |
| 37 07SC51-1@94   | 2925       | 6          | 0.4        |
| 37 07SC51-1@94   | 2925       | 6          | 0.4        |
| 18 ZMB2-anu-zrn- | 2927.27586 | 4.29529417 | 0.59570542 |
| 18 ZMB2-anu-zrn- | 2927.27586 | 4.29529417 | 0.59570542 |
| 59 M0-1078       | 2929       | 5.2        | 0.3        |
| 59 M0-1078       | 2929       | 5.2        | 0.3        |
| 59 M0-1224       | 2929       | 6.3        | 0.2        |
| 59 M0-1224       | 2929       | 6.3        | 0.2        |
| 46 Patterson _2: | 2931       | 5          | 0.5        |



|                  |            |            |            |
|------------------|------------|------------|------------|
| 46 Patterson _2  | 2931       | 5          | 0.5        |
| 35 07LSC12_5.1   | 2934       | 6.3        | 0.2        |
| 35 07LSC12_5.1   | 2934       | 6.3        | 0.2        |
| 46 Patterson _30 | 2935       | 5.8        | 0.5        |
| 46 Patterson _30 | 2935       | 5.8        | 0.5        |
| 46 Dwyer _4      | 2935       | 6.7        | 0.4        |
| 46 Dwyer _4      | 2935       | 6.7        | 0.4        |
| 46 Patterson _1  | 2936       | 6.3        | 0.4        |
| 46 Patterson _1  | 2936       | 6.3        | 0.4        |
| 56 BT4-58        | 2936       | 5.5        |            |
| 56 BT4-58        | 2936       | 5.5        |            |
| 46 Patterson _3  | 2937       | 4.1        | 0.5        |
| 46 Patterson _3  | 2937       | 4.1        | 0.5        |
| 46 Dwyer _23     | 2939       | 6.1        | 0.3        |
| 46 Dwyer _23     | 2939       | 6.1        | 0.3        |
| 46 Patterson _5  | 2943       | 5.8        | 0.7        |
| 46 Patterson _5  | 2943       | 5.8        | 0.7        |
| 51 CS11-6_48     | 2943.62257 | 5.19868864 | 0.29104401 |
| 51 CS11-6_48     | 2943.62257 | 5.19868864 | 0.29104401 |
| 118 AGQ13-08@30  | 2946       | 5.6        | 0.44       |
| 46 Point _45     | 2948       | 4.5        | 0.5        |
| 46 Point _45     | 2948       | 4.5        | 0.5        |
| 94 177921@27.asc | 2950       | 6.2        | 0.4        |
| 46 Patterson _2  | 2952       | 5          | 0.6        |
| 46 Patterson _2  | 2952       | 5          | 0.6        |
| 46 Patterson _5  | 2953       | 6.1        | 0.6        |
| 46 Patterson _5  | 2953       | 6.1        | 0.6        |
| 46 Exmouth _19   | 2953       | 6.3        | 0.6        |
| 46 Exmouth _19   | 2953       | 6.3        | 0.6        |
| 35 07LSC9_11.1   | 2954       | 4.7        | 0.4        |
| 35 07LSC9_11.1   | 2954       | 4.7        | 0.4        |
| 46 Dwyer _38     | 2954       | 6          | 0.4        |
| 46 Dwyer _38     | 2954       | 6          | 0.4        |
| 46 Patterson _6  | 2954       | 7.2        | 0.6        |
| 46 Patterson _6  | 2954       | 7.2        | 0.6        |
| 94 165591@29.asc | 2957       | 5.0        | 0.2        |
| 51 Siam1_91      | 2958.90255 | 5.13096564 | 0.29330333 |
| 51 Siam1_91      | 2958.90255 | 5.13096564 | 0.29330333 |
| 46 Dwyer _24     | 2959       | 6.3        | 0.4        |
| 46 Dwyer _24     | 2959       | 6.3        | 0.4        |
| 35 09LSC4_111.1  | 2961       | 4.8        | 0.2        |
| 35 09LSC4_111.1  | 2961       | 4.8        | 0.2        |
| 46 Dwyer _56     | 2964       | 6.1        | 0.5        |
| 46 Dwyer _56     | 2964       | 6.1        | 0.5        |
| 10 2436-30       | 2965       | 5          | 0.4        |

|                   |        |            |           |
|-------------------|--------|------------|-----------|
| 10 2436-30        | 2965   | 5          | 0.4       |
| 46 Dwyer _22      | 2965   | 6          | 0.3       |
| 46 Dwyer _22      | 2965   | 6          | 0.3       |
| 119 12.1          | 2966   | 7          | 0.5788    |
| 35 07LSC5_12.1    | 2973   | 6.7        | 0.5       |
| 35 07LSC5_12.1    | 2973   | 6.7        | 0.5       |
| 118 WFS13-01@34   | 2973   | 6.65       | 0.24      |
| 119 25.1          | 2975   | 2          | 0.4107    |
| 35 07LSC9_11.2    | 2981   | 5.3        | 0.3       |
| 35 07LSC9_11.2    | 2981   | 5.3        | 0.3       |
| 35 07LSC10_30.1   | 2982   | 5          | 0.5       |
| 35 07LSC10_30.1   | 2982   | 5          | 0.5       |
| 35 07LSC9_24.2    | 2985   | 4.7        | 0.4       |
| 35 07LSC9_24.2    | 2985   | 4.7        | 0.4       |
| 35 07LSC10_39.1   | 2990   | 3.8        | 0.5       |
| 35 07LSC10_39.1   | 2990   | 3.8        | 0.5       |
| 35 07LSC9_24.1    | 2992   | 5.1        | 0.3       |
| 35 07LSC9_24.1    | 2992   | 5.1        | 0.3       |
| 35 07LSC9_26.1    | 2994   | 5.6        | 0.3       |
| 35 07LSC9_26.1    | 2994   | 5.6        | 0.3       |
| 24 DD85-17        | 3000   | 5          |           |
| 24 DD85-17        | 3000   | 5          |           |
| 35 07LSC10_12.1   | 3002   | 4.3        | 0.5       |
| 35 07LSC10_12.1   | 3002   | 4.3        | 0.5       |
| 24 DD84-10        | 3003   | 4.95       |           |
| 24 DD84-10        | 3003   | 4.95       |           |
| 35 07LSC10_39.2   | 3005   | 5.1        | 0.4       |
| 35 07LSC10_39.2   | 3005   | 5.1        | 0.4       |
| 108 Edmo2-106     | 3006   | 5.98       | 0.22      |
| 35 07LSC10_13.1   | 3011   | 4.3        | 0.3       |
| 35 07LSC10_13.1   | 3011   | 4.3        | 0.3       |
| 30 n2539-rpt-a60  | 3013   | 5.2        | 0.24      |
| 30 n2539-rpt-a60  | 3013   | 5.2        | 0.24      |
| 46 Dwyer _57      | 3044   | 6.2        | 0.4       |
| 46 Dwyer _57      | 3044   | 6.2        | 0.4       |
| 106 10GD49-67     | 3047   | 5.87       | 0.37      |
| 94 165591@30. asc | 3049   | 5.6        | 0.2       |
| 106 10GD48-85     | 3057   | 5.03       | 0.2       |
| 106 10GD48-64     | 3060   | 7.09       | 0.34      |
| 106 10GD49-117    | 3075   | 7.19       | 0.34      |
| 11 01TT02(2)-098  | 3078.6 | 6.31176435 | 0.2660592 |
| 11 01TT02(2)-098  | 3078.6 | 6.31176435 | 0.2660592 |
| 108 Edmo1-9c      | 3079   | 6.41       | 0.24      |
| 10 2436-77        | 3085   | 3.1        | 0.4       |
| 10 2436-77        | 3085   | 3.1        | 0.4       |

|                   |            |            |            |
|-------------------|------------|------------|------------|
| 108 Edmo1-41      | 3085       | 7.29       | 0.27       |
| 37 07SC49@05      | 3087       | 6.69       | 0.4        |
| 37 07SC49@05      | 3087       | 6.69       | 0.4        |
| 11 01TT02(2)-039  | 3088.8     | 6.52621337 | 0.2728176  |
| 11 01TT02(2)-039  | 3088.8     | 6.52621337 | 0.2728176  |
| 51 CS11-1-39      | 3089.74905 | 5.3617982  | 0.41968338 |
| 51 CS11-1-39      | 3089.74905 | 5.3617982  | 0.41968338 |
| 94 165591@24. asc | 3092       | 5.7        | 0.2        |
| 108 Edmo1-39      | 3097       | 8.12       | 0.28       |
| 46 Dwyer _20      | 3106       | 5.3        | 0.3        |
| 46 Dwyer _20      | 3106       | 5.3        | 0.3        |
| 46 Dwyer _79      | 3106       | 6          | 0.5        |
| 46 Dwyer _79      | 3106       | 6          | 0.5        |
| 29 B87-25         | 3107       | 6          |            |
| 29 B87-25         | 3107       | 6          |            |
| 29 B87-20         | 3107       | 6.55       |            |
| 29 B87-20         | 3107       | 6.55       |            |
| 46 Dwyer _66      | 3114       | 7.4        | 0.4        |
| 46 Dwyer _66      | 3114       | 7.4        | 0.4        |
| 108 Edmo2-99      | 3117       | 6.49       | 0.19       |
| 46 Dwyer _9       | 3126       | 5.6        | 0.3        |
| 46 Dwyer _9       | 3126       | 5.6        | 0.3        |
| 108 Edmo2-79      | 3127       | 7.64       | 0.24       |
| 106 10GD49-120    | 3132       | 7.6        | 0.23       |
| 11 01TT02(2)-059  | 3133.9     | 8.28155169 | 0.295892   |
| 11 01TT02(2)-059  | 3133.9     | 8.28155169 | 0.295892   |
| 10 1746-04        | 3135       | 6.8        | 0.8        |
| 10 1746-04        | 3135       | 6.8        | 0.8        |
| 103 CF89-26-5b    | 3135       | 5.42       | 0.15       |
| 46 Patterson _31  | 3139       | 4.3        | 0.5        |
| 46 Patterson _31  | 3139       | 4.3        | 0.5        |
| 46 Point _56      | 3139       | 5.5        | 0.5        |
| 46 Point _56      | 3139       | 5.5        | 0.5        |
| 46 Loop _70       | 3143       | 4.5        | 0.5        |
| 46 Loop _70       | 3143       | 4.5        | 0.5        |
| 46 Loop _46       | 3144       | 5.7        | 0.5        |
| 46 Loop _46       | 3144       | 5.7        | 0.5        |
| 46 Loop _1        | 3145       | 6.8        | 0.6        |
| 46 Loop _1        | 3145       | 6.8        | 0.6        |
| 106 10GD49-78     | 3145       | 6.25       | 0.15       |
| 46 Dwyer _28      | 3146       | 6.4        | 0.4        |
| 46 Dwyer _28      | 3146       | 6.4        | 0.4        |
| 46 Patterson _10  | 3147       | 4.9        | 0.5        |
| 46 Patterson _10  | 3147       | 4.9        | 0.5        |
| 46 Loop _7        | 3147       | 5.2        | 0.5        |

|                  |        |            |           |
|------------------|--------|------------|-----------|
| 46 Loop _7       | 3147   | 5.2        | 0.5       |
| 46 Dwyer _64     | 3147   | 6.4        | 0.6       |
| 46 Dwyer _64     | 3147   | 6.4        | 0.6       |
| 46 Loop _2       | 3148   | 6          | 0.5       |
| 46 Loop _2       | 3148   | 6          | 0.5       |
| 46 Loop _47      | 3149   | 4.9        | 0.5       |
| 46 Loop _47      | 3149   | 4.9        | 0.5       |
| 46 Point _1      | 3149   | 5.3        | 0.6       |
| 46 Point _1      | 3149   | 5.3        | 0.6       |
| 20 BB3. 3. 30    | 3150   | 4.1        | 0.6       |
| 20 BB3. 3. 30    | 3150   | 4.1        | 0.6       |
| 20 BB3. 3. 30    | 3150   | 4.1        | 0.6       |
| 46 Point _9      | 3150   | 4.7        | 0.6       |
| 46 Point _9      | 3150   | 4.7        | 0.6       |
| 46 Loop _22      | 3150   | 5.7        | 0.4       |
| 46 Loop _22      | 3150   | 5.7        | 0.4       |
| 46 Loop _11      | 3151   | 5.5        | 0.6       |
| 46 Loop _11      | 3151   | 5.5        | 0.6       |
| 46 Point _35     | 3152   | 4.7        | 0.4       |
| 46 Point _35     | 3152   | 4.7        | 0.4       |
| 46 Loop _64      | 3152   | 5.7        | 0.4       |
| 46 Loop _64      | 3152   | 5.7        | 0.4       |
| 11 01TT02(2)-03' | 3152.4 | 5.48743955 | 0.2629864 |
| 11 01TT02(2)-03' | 3152.4 | 5.48743955 | 0.2629864 |
| 46 Loop _56      | 3154   | 5.8        | 0.5       |
| 46 Loop _56      | 3154   | 5.8        | 0.5       |
| 46 Loop _37      | 3155   | 4.5        | 0.5       |
| 46 Loop _37      | 3155   | 4.5        | 0.5       |
| 37 07SC49@42     | 3156   | 6.34       | 0.23      |
| 37 07SC49@42     | 3156   | 6.34       | 0.23      |
| 46 Loop _14      | 3157   | 5.8        | 0.5       |
| 46 Loop _14      | 3157   | 5.8        | 0.5       |
| 46 Loop _35      | 3158   | 5          | 0.5       |
| 46 Loop _35      | 3158   | 5          | 0.5       |
| 46 Loop _59      | 3158   | 6          | 0.5       |
| 46 Loop _59      | 3158   | 6          | 0.5       |
| 46 Point _75     | 3161   | 4.7        | 0.5       |
| 46 Point _75     | 3161   | 4.7        | 0.5       |
| 46 Loop _30      | 3161   | 5.2        | 0.5       |
| 46 Loop _30      | 3161   | 5.2        | 0.5       |
| 108 Edmo2-107    | 3161   | 6.13       | 0.23      |
| 46 Point _36     | 3162   | 4.9        | 0.6       |
| 46 Point _36     | 3162   | 4.9        | 0.6       |
| 46 Loop _43      | 3162   | 5.8        | 0.5       |
| 46 Loop _51      | 3162   | 5.8        | 0.5       |

|                   |      |      |      |
|-------------------|------|------|------|
| 46 Loop _43       | 3162 | 5.8  | 0.5  |
| 46 Loop _51       | 3162 | 5.8  | 0.5  |
| 46 Loop _3        | 3163 | 6.8  | 0.4  |
| 46 Loop _3        | 3163 | 6.8  | 0.4  |
| 46 Loop _24       | 3164 | 5.2  | 0.4  |
| 46 Loop _24       | 3164 | 5.2  | 0.4  |
| 46 Loop _28       | 3164 | 5.4  | 0.6  |
| 46 Loop _28       | 3164 | 5.4  | 0.6  |
| 46 Dwyer _13      | 3164 | 6    | 0.4  |
| 46 Dwyer _13      | 3164 | 6    | 0.4  |
| 46 Loop _50       | 3166 | 5.4  | 0.5  |
| 46 Loop _50       | 3166 | 5.4  | 0.5  |
| 46 Loop _19       | 3167 | 5.5  | 0.6  |
| 46 Loop _19       | 3167 | 5.5  | 0.6  |
| 46 Loop _4        | 3167 | 6.9  | 0.4  |
| 46 Loop _4        | 3167 | 6.9  | 0.4  |
| 46 Loop _25       | 3169 | 5.6  | 0.5  |
| 46 Loop _57       | 3169 | 5.6  | 0.5  |
| 46 Loop _25       | 3169 | 5.6  | 0.5  |
| 46 Loop _57       | 3169 | 5.6  | 0.5  |
| 46 Loop _58       | 3170 | 5.5  | 0.5  |
| 46 Loop _58       | 3170 | 5.5  | 0.5  |
| 94 165592@7. asc  | 3171 | 4.9  | 0.2  |
| 46 Point _15      | 3172 | 3.9  | 0.5  |
| 46 Point _15      | 3172 | 3.9  | 0.5  |
| 46 Dwyer _55      | 3178 | 6.6  | 0.5  |
| 46 Dwyer _55      | 3178 | 6.6  | 0.5  |
| 94 165591@23. asc | 3179 | 5.8  | 0.2  |
| 46 Dwyer _1       | 3180 | 5.4  | 0.3  |
| 46 Dwyer _1       | 3180 | 5.4  | 0.3  |
| 108 Edm01-37      | 3180 | 6.27 | 0.28 |
| 108 Edm01-42      | 3181 | 6.93 | 0.28 |
| 107 WPG90/4_19    | 3184 | 5.14 | 0.25 |
| 108 Edm01-52      | 3185 | 6.88 | 0.25 |
| 46 Dwyer _35      | 3188 | 5.9  | 0.5  |
| 46 Dwyer _35      | 3188 | 5.9  | 0.5  |
| 106 10GD49-93     | 3196 | 6.7  | 0.19 |
| 108 Edm01-22      | 3202 | 5.62 | 0.25 |
| 35 07LSC10_40.1   | 3206 | 8.3  | 0.4  |
| 35 07LSC10_40.1   | 3206 | 8.3  | 0.4  |
| 46 Point _41      | 3207 | 5.5  | 0.5  |
| 46 Point _41      | 3207 | 5.5  | 0.5  |
| 94 177921@37. asc | 3208 | 5.6  | 0.3  |
| 35 07LSC10_40.2   | 3212 | 4.5  | 0.4  |
| 35 07LSC10_40.2   | 3212 | 4.5  | 0.4  |

|                   |           |            |            |
|-------------------|-----------|------------|------------|
| 108 BBQ1-196      | 3215      | 6.07       | 0.21       |
| 29 B87-22         | 3216      | 4.91       |            |
| 29 B87-22         | 3216      | 4.91       |            |
| 51 Siam1_75       | 3217.6419 | 4.99384314 | 0.30157181 |
| 51 Siam1_75       | 3217.6419 | 4.99384314 | 0.30157181 |
| 118 AGQ13-08@49   | 3218      | 5.83       | 0.27       |
| 37 07SC51-1@52    | 3221      | 5.46       | 0.45       |
| 37 07SC51-1@52    | 3221      | 5.46       | 0.45       |
| 29 B87-14         | 3227      | 5.94       |            |
| 29 B87-14         | 3227      | 5.94       |            |
| 46 Exmouth _50    | 3227      | 6.8        | 0.8        |
| 46 Exmouth _50    | 3227      | 6.8        | 0.8        |
| 29 B87-32         | 3228      | 5.95       |            |
| 29 B87-32         | 3228      | 5.95       |            |
| 30 n2539-rpt-b69  | 3230      | 5.09       | 0.27       |
| 30 n2539-rpt-b69  | 3230      | 5.09       | 0.27       |
| 108 Edmo1-25c     | 3233      | 7.68       | 0.27       |
| 10 2641-40        | 3236      | 5.5        | 0.7        |
| 10 2641-40        | 3236      | 5.5        | 0.7        |
| 11 01TT02(2)-036  | 3241      | 5.70772134 | 0.3151246  |
| 11 01TT02(2)-036  | 3241      | 5.70772134 | 0.3151246  |
| 46 Loop _15       | 3242      | 5.3        | 0.5        |
| 46 Loop _15       | 3242      | 5.3        | 0.5        |
| 46 Loop _40       | 3248      | 5.4        | 0.5        |
| 46 Loop _40       | 3248      | 5.4        | 0.5        |
| 46 Loop _34       | 3250      | 5.3        | 0.5        |
| 46 Loop _34       | 3250      | 5.3        | 0.5        |
| 108 Edmo1-32c     | 3250      | 6.23       | 0.26       |
| 108 Edmo1-53      | 3250      | 6.56       | 0.26       |
| 46 Loop _10       | 3251      | 6          | 0.5        |
| 46 Loop _10       | 3251      | 6          | 0.5        |
| 46 Loop _41       | 3251      | 7.9        | 0.5        |
| 46 Loop _41       | 3251      | 7.9        | 0.5        |
| 11 01TT02(2)-043  | 3252.5    | 5.9606238  | 0.2221146  |
| 11 01TT02(2)-043  | 3252.5    | 5.9606238  | 0.2221146  |
| 108 Edmo1-34      | 3253      | 6.58       | 0.24       |
| 46 Loop _65       | 3258      | 6.1        | 0.6        |
| 46 Loop _65       | 3258      | 6.1        | 0.6        |
| 46 Loop _38       | 3259      | 5.1        | 0.5        |
| 46 Loop _38       | 3259      | 5.1        | 0.5        |
| 30 n2539-rpt-47   | 3266      | 6.12       | 0.29       |
| 30 n2539-rpt-47   | 3266      | 6.12       | 0.29       |
| 94 179602@12. asc | 3273      | 5.5        | 0.2        |
| 94 165593@3. asc  | 3275      | 2.2        | 0.1        |
| 108 Edmo1-7       | 3278      | 8.06       | 0.25       |

|                   |          |            |            |
|-------------------|----------|------------|------------|
| 42 W74-35         | 3280     | 6.2        |            |
| 42 W74-35         | 3280     | 6.2        |            |
| 108 BBQ1-200      | 3284     | 6.79       | 0.17       |
| 108 BBQ1-174      | 3284     | 7.14       | 0.15       |
| 108 Edmo1-12      | 3285     | 7.01       | 0.26       |
| 94 177921@344444  | 3286     | 5.5        | 0.3        |
| 30 n2539-rpt-5    | 3290     | 6.13       | 0.24       |
| 30 n2539-rpt-5    | 3290     | 6.13       | 0.24       |
| 46 Exmouth _43    | 3291     | 6.4        | 0.7        |
| 46 Exmouth _43    | 3291     | 6.4        | 0.7        |
| 94 165592@12. asc | 3301     | 4.2        | 0.2        |
| 108 Edmo1-4       | 3301     | 6.54       | 0.25       |
| 29 B87-18         | 3304     | 5.52       |            |
| 29 B87-18         | 3304     | 5.52       |            |
| 108 BBQ1-179      | 3304     | 5.39       | 0.14       |
| 108 Edmo2-77      | 3305     | 6.21       | 0.19       |
| 46 Exmouth _36    | 3311     | 6.9        | 0.7        |
| 46 Exmouth _36    | 3311     | 6.9        | 0.7        |
| 108 Edmo2-88      | 3315     | 5.85       | 0.22       |
| 108 Edmo1-18c     | 3315     | 5.93       | 0.23       |
| 108 BBQ1-188      | 3317     | 6.89       | 0.19       |
| 52 BBF-29-71      | 3321.645 | 6.86468959 | 0.57611168 |
| 52 BBF-29-71      | 3321.645 | 6.86468959 | 0.57611168 |
| 46 Dwyer _27      | 3331     | 6.8        | 0.2        |
| 46 Dwyer _27      | 3331     | 6.8        | 0.2        |
| 46 Exmouth _26    | 3332     | 6          | 0.6        |
| 46 Exmouth _26    | 3332     | 6          | 0.6        |
| 108 BBQ1-195      | 3332     | 6.7        | 0.15       |
| 108 Edmo2-90      | 3334     | 5.6        | 0.25       |
| 108 Edmo2-93      | 3336     | 7.93       | 0.21       |
| 108 Edmo2-125     | 3337     | 5.75       | 0.25       |
| 108 Edmo2-73      | 3342     | 6.84       | 0.24       |
| 119 41.1          | 3344     | 5          | 0.5387     |
| 108 Edmo1-59c     | 3345     | 4.5        | 0.26       |
| 108 BBQ1-132c     | 3350     | 5.56       | 0.18       |
| 108 BBQ1-136      | 3350     | 6.45       | 0.14       |
| 46 Dwyer _60      | 3351     | 5.9        | 0.5        |
| 46 Dwyer _60      | 3351     | 5.9        | 0.5        |
| 67 RSES51_7-2 b.  | 3351     | 5.56       | 0.3        |
| 108 BBQ1-156      | 3351     | 7.83       | 0.17       |
| 94 165592@6. asc  | 3352     | 4.7        | 0.2        |
| 94 165593@2. asc  | 3353     | 5.4        | 0.2        |
| 108 Edmo1-63      | 3358     | 6.1        | 0.25       |
| 108 Edmo1-30      | 3361     | 6.4        | 0.25       |
| 68 RSES53_01-12I  | 3362     | 4.83612054 | 0.27758042 |

|                   |        |            |            |
|-------------------|--------|------------|------------|
| 68 RSES53_01-12.  | 3362   | 5.80407    | 1.06132286 |
| 67 RSES51_3-10 c  | 3363   | 5.96       | 0.32       |
| 46 Exmouth _37    | 3364   | 6.9        | 0.6        |
| 46 Exmouth _37    | 3364   | 6.9        | 0.6        |
| 94 165591@26. asc | 3366   | 5.8        | 0.2        |
| 108 Edmo1-57      | 3369   | 6.52       | 0.24       |
| 67 RSES51_1-11    | 3371   | 5.43       | 0.31       |
| 108 Edmo2-110     | 3371   | 6.24       | 0.19       |
| 108 Edmo2-123     | 3372   | 6.45       | 0.22       |
| 68 RSES53_01-08.  | 3373   | 5.5071398  | 0.25758381 |
| 67 RSES51_5-6     | 3374   | 5.24       | 0.29       |
| 108 Edmo1-8       | 3374   | 6.43       | 0.23       |
| 46 Exmouth _44    | 3375   | 6.6        | 0.6        |
| 46 Exmouth _44    | 3375   | 6.6        | 0.6        |
| 11 01TT02(2)-13'  | 3375.3 | 6.9514103  | 0.35158    |
| 11 01TT02(2)-13'  | 3375.3 | 6.9514103  | 0.35158    |
| 46 Exmouth _23    | 3376   | 7          | 0.6        |
| 46 Exmouth _23    | 3376   | 7          | 0.6        |
| 68 RSES53_01-06.  | 3376   | 4.7433071  | 0.42231139 |
| 108 BBQ1-145c     | 3377   | 7.45       | 0.18       |
| 67 RSES51_6-4     | 3378   | 4.81       | 0.31       |
| 67 RSES51_5-5     | 3378   | 5.51       | 0.31       |
| 68 RSES53_01-03.  | 3378   | 4.90229862 | 0.25700459 |
| 67 RSES51_2-8     | 3379   | 5.03       | 0.31       |
| 67 RSES51_5-3 b.  | 3379   | 5.26       | 0.32       |
| 67 RSES51_3-11    | 3379   | 5.37       | 0.29       |
| 108 Edmo2-100     | 3379   | 5.76       | 0.25       |
| 108 BBQ1-177c     | 3379   | 6.19       | 0.15       |
| 42 W74-2          | 3380   | 6.1        |            |
| 42 W74-2          | 3380   | 6.1        |            |
| 42 W74-19         | 3380   | 6.9        |            |
| 42 W74-19         | 3380   | 6.9        |            |
| 46 Exmouth _20    | 3380   | 6.2        | 0.6        |
| 46 Exmouth _20    | 3380   | 6.2        | 0.6        |
| 67 RSES51_5-9     | 3380   | 5.65       | 0.3        |
| 68 RSES53_01-02.  | 3381   | 5.21380674 | 0.56818273 |
| 108 BBQ1-140      | 3382   | 6.57       | 0.14       |
| 67 RSES51_3-14    | 3383   | 5.43       | 0.3        |
| 67 RSES51_6-7     | 3383   | 5.48       | 0.32       |
| 67 RSES51_2-7     | 3384   | 5.11       | 0.32       |
| 67 RSES51_2-3     | 3384   | 5.66       | 0.32       |
| 67 RSES51_4-8     | 3384   | 6.39       | 0.29       |
| 67 RSES51_14-8    | 3385   | 5.31       | 0.57       |
| 67 RSES51_2-11    | 3386   | 5.57       | 0.32       |
| 68 RSES53_01-05.  | 3386   | 5.01700212 | 0.20266123 |



|                  |      |            |            |
|------------------|------|------------|------------|
| 67 RSES51_2-9    | 3387 | 6.06       | 0.33       |
| 108 BBQ1-202     | 3387 | 6.3        | 0.17       |
| 46 Exmouth _29   | 3389 | 6.5        | 0.6        |
| 46 Exmouth _29   | 3389 | 6.5        | 0.6        |
| 67 RSES51_11-10  | 3389 | 5.66       | 0.54       |
| 42 W74-17        | 3390 | 6.5        |            |
| 42 W74-17        | 3390 | 6.5        |            |
| 42 W74-33        | 3390 | 6.7        |            |
| 42 W74-33        | 3390 | 6.7        |            |
| 67 RSES51_1-10   | 3390 | 5.87       | 0.33       |
| 11 01TT02(2)-108 | 3391 | 6.50828228 | 0.2919506  |
| 11 01TT02(2)-108 | 3391 | 6.50828228 | 0.2919506  |
| 67 RSES51_16-15  | 3391 | 4.88       | 0.3        |
| 68 RSES53_04-17. | 3391 | 5.37515627 | 0.33200282 |
| 108 Edmo2-111    | 3391 | 6.19       | 0.27       |
| 67 RSES51_3-8    | 3392 | 5.05       | 0.31       |
| 67 RSES51_16-14  | 3392 | 5.21       | 0.37       |
| 67 RSES51_6-9    | 3393 | 5.55       | 0.29       |
| 108 Edmo1-49     | 3393 | 5.87       | 0.27       |
| 46 Exmouth _27   | 3394 | 5.8        | 0.5        |
| 46 Exmouth _27   | 3394 | 5.8        | 0.5        |
| 67 RSES51_13-15  | 3394 | 4.96       | 0.33       |
| 67 RSES51_2-6    | 3394 | 5.3        | 0.32       |
| 67 RSES51_12-13  | 3394 | 5.61       | 0.56       |
| 67 RSES51_14-9   | 3395 | 5          | 0.56       |
| 67 RSES51_6-8 b. | 3395 | 5.18       | 0.33       |
| 67 RSES51_6-8 b. | 3395 | 5.18       | 0.33       |
| 67 RSES51_10-11  | 3395 | 5.39       | 0.32       |
| 67 RSES51_4-1    | 3395 | 5.95       | 0.3        |
| 10 1774-77a      | 3396 | 5.7        | 0.6        |
| 10 1774-77a      | 3396 | 5.7        | 0.6        |
| 67 RSES51_16-3   | 3396 | 5.3        | 0.33       |
| 67 RSES51_16-10  | 3396 | 5.78       | 0.31       |
| 67 RSES51_5-7    | 3396 | 5.9        | 0.31       |
| 46 Exmouth _41   | 3397 | 6.3        | 0.6        |
| 46 Exmouth _41   | 3397 | 6.3        | 0.6        |
| 67 RSES51_16-1   | 3397 | 5.5        | 0.29       |
| 108 BBQ1-190c    | 3398 | 6.34       | 0.17       |
| 46 Exmouth _2    | 3399 | 6.8        | 0.5        |
| 46 Exmouth _2    | 3399 | 6.8        | 0.5        |
| 42 W74-8         | 3400 | 7.4        |            |
| 42 W74-8         | 3400 | 7.4        |            |
| 46 Exmouth _48   | 3400 | 5.8        | 0.7        |
| 46 Exmouth _48   | 3400 | 5.8        | 0.7        |
| 67 RSES51_15-14  | 3400 | 5.32       | 0.54       |

|                  |        |            |           |
|------------------|--------|------------|-----------|
| 67 RSES51_17-3   | 3401   | 5.54       | 0.3       |
| 67 RSES51_1-5    | 3402   | 6.08       | 0.29      |
| 46 Exmouth _22   | 3404   | 6.6        | 0.6       |
| 46 Exmouth _22   | 3404   | 6.6        | 0.6       |
| 46 Exmouth _33   | 3404   | 7.2        | 0.5       |
| 46 Exmouth _33   | 3404   | 7.2        | 0.5       |
| 46 Exmouth _30   | 3405   | 6.6        | 0.6       |
| 46 Exmouth _30   | 3405   | 6.6        | 0.6       |
| 67 RSES51_12-9   | 3405   | 5.25       | 0.55      |
| 67 RSES51_2-12 1 | 3407   | 5.12       | 0.29      |
| 67 RSES51_16-2   | 3408   | 5.33       | 0.32      |
| 67 RSES51_11-1   | 3408   | 6.06       | 0.56      |
| 108 Edmo1-15     | 3408   | 7.07       | 0.26      |
| 42 W74-36        | 3410   | 6.2        |           |
| 42 W74-36        | 3410   | 6.2        |           |
| 46 Exmouth _21   | 3410   | 6.1        | 0.6       |
| 46 Exmouth _21   | 3410   | 6.1        | 0.6       |
| 46 Exmouth _53   | 3410   | 7.1        | 0.6       |
| 46 Exmouth _53   | 3410   | 7.1        | 0.6       |
| 67 RSES51_17-6 1 | 3410   | 5.7        | 0.3       |
| 67 RSES51_15-3   | 3410   | 5.82       | 0.32      |
| 108 Edmo1-55     | 3410   | 5.82       | 0.28      |
| 46 Exmouth _10   | 3412   | 6.2        | 0.6       |
| 46 Exmouth _10   | 3412   | 6.2        | 0.6       |
| 46 Exmouth _9    | 3415   | 6.1        | 0.6       |
| 46 Exmouth _9    | 3415   | 6.1        | 0.6       |
| 46 Dwyer _49     | 3418   | 6.2        | 0.5       |
| 46 Dwyer _49     | 3418   | 6.2        | 0.5       |
| 108 Edmo2-74     | 3419   | 6.25       | 0.26      |
| 108 BBQ1-144c    | 3429   | 5.95       | 0.18      |
| 108 BBQ1-149     | 3430   | 6.1        | 0.19      |
| 108 Edmo1-19     | 3431   | 6.63       | 0.25      |
| 108 BBQ1-128     | 3432   | 6.77       | 0.17      |
| 108 Edmo2-78     | 3435   | 6.17       | 0.19      |
| 108 Edmo2-119    | 3435   | 7.21       | 0.25      |
| 108 BBQ1-127     | 3436   | 5.91       | 0.16      |
| 11 01TT02(2)-00: | 3436.1 | 6.02892901 | 0.3001442 |
| 11 01TT02(2)-00: | 3436.1 | 6.02892901 | 0.3001442 |
| 42 W74-18        | 3440   | 5.7        |           |
| 42 W74-18        | 3440   | 5.7        |           |
| 108 BBQ1-180     | 3441   | 7.01       | 0.2       |
| 29 B87-4         | 3443   | 4.68       |           |
| 29 B87-4         | 3443   | 4.68       |           |
| 67 RSES51_6-2    | 3445   | 5.52       | 0.32      |
| 46 Dwyer _15     | 3447   | 6.2        | 0.3       |

|                   |      |      |      |
|-------------------|------|------|------|
| 46 Dwyer _15      | 3447 | 6.2  | 0.3  |
| 108 Edmo1-50      | 3449 | 6.14 | 0.26 |
| 42 W74-9          | 3450 | 5.6  |      |
| 42 W74-9          | 3450 | 5.6  |      |
| 108 Edmo2-124     | 3451 | 6.2  | 0.21 |
| 108 BBQ1-197      | 3451 | 6.8  | 0.16 |
| 108 Edmo1-56      | 3453 | 6.06 | 0.27 |
| 108 Edmo1-3       | 3453 | 6.38 | 0.23 |
| 108 Edmo1-51      | 3454 | 6.66 | 0.26 |
| 67 RSES51_10-6    | 3456 | 5.93 | 0.57 |
| 46 Exmouth _4     | 3458 | 5.7  | 0.7  |
| 46 Exmouth _4     | 3458 | 5.7  | 0.7  |
| 67 RSES51_7-1     | 3459 | 5.29 | 0.3  |
| 67 RSES51_5-4 b.  | 3459 | 5.61 | 0.3  |
| 29 B87-1          | 3460 | 5.52 |      |
| 29 B87-1          | 3460 | 5.52 |      |
| 42 W74-34         | 3460 | 6.3  |      |
| 42 W74-34         | 3460 | 6.3  |      |
| 67 RSES51_13-14   | 3460 | 5.93 | 0.33 |
| 108 BBQ1-131      | 3460 | 7    | 0.19 |
| 67 RSES51_9-11    | 3461 | 6.25 | 0.6  |
| 20 CM1. 11        | 3463 | 7.4  | 0.5  |
| 20 CM1. 11        | 3463 | 7.4  | 0.5  |
| 20 CM1. 11        | 3463 | 7.4  | 0.5  |
| 67 RSES51_2-4     | 3463 | 5.39 | 0.32 |
| 67 RSES51_10-10   | 3463 | 5.89 | 0.31 |
| 108 Edmo1-48      | 3465 | 6.4  | 0.24 |
| 108 BBQ1-184c     | 3468 | 6.87 | 0.2  |
| 108 BBQ1-194      | 3469 | 6.55 | 0.17 |
| 108 BBQ1-150      | 3469 | 7.58 | 0.18 |
| 108 Edmo1-2       | 3472 | 5.65 | 0.26 |
| 108 Edmo1-60      | 3479 | 6.63 | 0.26 |
| 108 Edmo1-27      | 3483 | 6.05 | 0.25 |
| 108 Edmo1-43c     | 3483 | 6.37 | 0.25 |
| 46 Dwyer _29      | 3484 | 5.5  | 0.5  |
| 46 Dwyer _29      | 3484 | 5.5  | 0.5  |
| 94 177921@5. asc  | 3489 | 6.3  | 0.4  |
| 108 BBQ1-175      | 3489 | 5.98 | 0.17 |
| 42 W74-14         | 3490 | 5    |      |
| 42 W74-14         | 3490 | 5    |      |
| 35 2CJS 99-J5_3.  | 3495 | 6.1  | 0.3  |
| 35 2CJS 99-J5_3.  | 3495 | 6.1  | 0.3  |
| 108 BBQ1-160      | 3495 | 6    | 0.16 |
| 108 Edmo1-13      | 3495 | 6.25 | 0.23 |
| 94 177921@20. asc | 3497 | 6.1  | 0.4  |

|                  |      |            |            |
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| 108 BBQ1-172c    | 3505 | 7.66       | 0.18       |
| 29 B87-24        | 3509 | 4.38       |            |
| 29 B87-24        | 3509 | 4.38       |            |
| 42 W74-7         | 3510 | 5.5        |            |
| 42 W74-7         | 3510 | 5.5        |            |
| 42 W74-6         | 3510 | 6.5        |            |
| 42 W74-6         | 3510 | 6.5        |            |
| 108 Edmo1-10     | 3511 | 6.11       | 0.26       |
| 67 RSES51_3-3 b. | 3512 | 5.88       | 0.32       |
| 108 Edmo2-91c    | 3512 | 5.44       | 0.23       |
| 108 Edmo1-33     | 3512 | 6.89       | 0.25       |
| 118 AGQ13-08@83  | 3514 | 6.68       | 0.33       |
| 67 RSES51_1-9 b. | 3515 | 5.86       | 0.31       |
| 108 Edmo1-24     | 3518 | 5.78       | 0.24       |
| 68 RSES53_04-16. | 3518 | 5.82352462 | 0.06013269 |
| 42 W74-4         | 3520 | 6.8        |            |
| 42 W74-4         | 3520 | 6.8        |            |
| 108 BBQ1-201     | 3520 | 6.55       | 0.2        |
| 108 BBQ1-192     | 3521 | 6.22       | 0.16       |
| 10 2436-24       | 3523 | 5.7        | 0.6        |
| 10 2436-24       | 3523 | 5.7        | 0.6        |
| 108 Edmo1-14     | 3523 | 6.47       | 0.23       |
| 108 Edmo1-36     | 3527 | 6.62       | 0.23       |
| 108 BBQ1-139     | 3528 | 6.8        | 0.18       |
| 67 RSES51_3-4    | 3529 | 4.57       | 0.3        |
| 67 RSES51_2-10   | 3534 | 5.89       | 0.31       |
| 67 RSES51_2-10   | 3534 | 5.89       | 0.31       |
| 46 Dwyer _6      | 3536 | 6.5        | 0.5        |
| 46 Dwyer _6      | 3536 | 6.5        | 0.5        |
| 29 B87-5         | 3538 | 5.24       |            |
| 29 B87-5         | 3538 | 5.24       |            |
| 67 RSES51_3-5    | 3538 | 5.8        | 0.3        |
| 67 RSES51_14-15  | 3541 | 4.83       | 0.55       |
| 108 Edmo2-112    | 3542 | 6.39       | 0.28       |
| 67 RSES51_17-12  | 3543 | 5.92       | 0.32       |
| 108 BBQ1-137     | 3543 | 5.46       | 0.19       |
| 108 Edmo1-46     | 3545 | 5.75       | 0.28       |
| 67 RSES51_2-5    | 3546 | 5.76       | 0.32       |
| 67 RSES51_3-1    | 3547 | 5.76       | 0.29       |
| 67 RSES51_5-2    | 3547 | 5.88       | 0.33       |
| 108 BBQ1-185c    | 3549 | 6.32       | 0.17       |
| 108 BBQ1-164     | 3552 | 5.82       | 0.19       |
| 46 Dwyer _18     | 3560 | 6.3        | 0.3        |
| 46 Dwyer _18     | 3560 | 6.3        | 0.3        |
| 108 Edmo1-16     | 3561 | 6.21       | 0.26       |

|                  |      |            |            |
|------------------|------|------------|------------|
| 67 RSES51_6-10   | 3563 | 5.71       | 0.3        |
| 67 RSES51_6-10   | 3563 | 5.71       | 0.3        |
| 108 Edmo2-108    | 3563 | 6.87       | 0.23       |
| 68 RSES53_03-09. | 3566 | 5.53874726 | 0.20572763 |
| 42 W74-5         | 3570 | 6.7        |            |
| 42 W74-5         | 3570 | 6.7        |            |
| 108 BBQ1-162     | 3570 | 6.14       | 0.19       |
| 108 Edmo1-58     | 3573 | 6.15       | 0.24       |
| 46 Dwyer _74     | 3579 | 6.7        | 0.5        |
| 46 Dwyer _74     | 3579 | 6.7        | 0.5        |
| 67 RSES51_6-11   | 3580 | 5.84       | 0.29       |
| 108 BBQ1-159     | 3580 | 6.29       | 0.14       |
| 108 BBQ1-135     | 3582 | 6.75       | 0.16       |
| 108 BBQ1-168     | 3584 | 6.2        | 0.14       |
| 35 07LSC9_25.1   | 3585 | 5.8        | 0.4        |
| 35 07LSC9_25.1   | 3585 | 5.8        | 0.4        |
| 108 BBQ1-183     | 3585 | 7.81       | 0.19       |
| 108 Edmo2-122    | 3591 | 6.83       | 0.21       |
| 103 CF89-26-3a   | 3594 | 6.29       | 0.28       |
| 1 RSES58-13.6    | 3599 | -0.4       | 0.4        |
| 1 RSES58-13.6    | 3599 | -0.4       | 0.4        |
| 1 RSES58-13.6    | 3599 | 5.1        | 0.3        |
| 1 RSES58-13.6    | 3599 | 5.1        | 0.3        |
| 1 RSES72-15.7    | 3599 | 5.2        | 1.1        |
| 1 RSES72-15.7    | 3599 | 5.2        | 1.1        |
| 1 RSES55-9.15    | 3599 | 6          | 0.1        |
| 1 RSES55-9.15    | 3599 | 6          | 0.1        |
| 42 W74-20        | 3600 | 6.2        |            |
| 42 W74-20        | 3600 | 6.2        |            |
| 1 RSES72-1.3     | 3601 | 7.2        | 1.1        |
| 1 RSES72-1.3     | 3601 | 7.2        | 1.1        |
| 1 RSES58-15.12   | 3605 | 5          | 0.1        |
| 1 RSES58-15.12   | 3605 | 5          | 0.1        |
| 103 CF89-26-15b  | 3609 | 6.44       | 0.21       |
| 108 Edmo2-83c    | 3609 | 6.36       | 0.27       |
| 108 BBQ1-133     | 3613 | 6.56       | 0.17       |
| 108 Edmo1-71     | 3616 | 7.51       | 0.28       |
| 108 Edmo1-44     | 3617 | 6.51       | 0.25       |
| 1 RSES59-05.09   | 3618 | 5.4        | 0.3        |
| 1 RSES59-05.09   | 3618 | 5.4        | 0.3        |
| 1 RSES59-10.16   | 3621 | 5.5        | 0.2        |
| 1 RSES59-10.16   | 3621 | 5.5        | 0.2        |
| 108 BBQ1-155c    | 3623 | 4.33       | 0.18       |
| 108 BBQ1-173c    | 3624 | 6.87       | 0.17       |
| 108 Edmo2-102c   | 3624 | 6.91       | 0.22       |

|                 |      |      |      |
|-----------------|------|------|------|
| 1 RSES59-15.01  | 3629 | 6    | 0.1  |
| 1 RSES59-14.07  | 3629 | 6    | 0.1  |
| 1 RSES59-15.01  | 3629 | 6    | 0.1  |
| 1 RSES59-14.07  | 3629 | 6    | 0.1  |
| 103 CF89-26-52a | 3630 | 6.6  | 0.17 |
| 67 RSES51_14-1  | 3631 | 4.89 | 0.36 |
| 67 RSES51_3-7   | 3633 | 5.86 | 0.34 |
| 1 RSES72-9.3    | 3634 | 5.4  | 1.1  |
| 1 RSES72-9.3    | 3634 | 5.4  | 1.1  |
| 1 RSES58-16.17  | 3635 | -0.9 | 0.4  |
| 1 RSES58-16.17  | 3635 | -0.9 | 0.4  |
| 1 RSES72-17.8   | 3635 | 1.1  | 1.2  |
| 1 RSES72-17.8   | 3635 | 1.1  | 1.2  |
| 1 RSES72-17.8   | 3635 | 5.5  | 1.1  |
| 1 RSES72-17.8   | 3635 | 5.5  | 1.1  |
| 1 RSES58-16.17  | 3635 | 5.8  | 0.1  |
| 1 RSES58-16.17  | 3635 | 5.8  | 0.1  |
| 1 RSES59-15.16  | 3635 | 6    | 0.3  |
| 1 RSES59-15.16  | 3635 | 6    | 0.3  |
| 1 RSES72-3.2    | 3637 | 5.7  | 1.1  |
| 1 RSES72-3.2    | 3637 | 5.7  | 1.1  |
| 1 RSES59-16.06  | 3639 | 6    | 0.2  |
| 1 RSES59-16.06  | 3639 | 6    | 0.2  |
| 108 Edmo2-116   | 3639 | 6.43 | 0.25 |
| 1 RSES54-11.12  | 3644 | 4.8  | 0.3  |
| 1 RSES54-11.12  | 3644 | 4.8  | 0.3  |
| 1 RSES54-6.17   | 3647 | 5.6  | 0.4  |
| 1 RSES54-6.17   | 3647 | 5.6  | 0.4  |
| 35 07LSC9_9.2   | 3647 | 6    | 0.6  |
| 35 07LSC9_9.2   | 3647 | 6    | 0.6  |
| 103 CF89-26-35a | 3647 | 5.94 | 0.26 |
| 103 CF89-26-41b | 3647 | 6.09 | 0.26 |
| 108 Edmo1-70    | 3651 | 6.48 | 0.25 |
| 108 BBQ1-152c   | 3653 | 3.9  | 0.19 |
| 1 RSES59-16.05  | 3655 | 6.5  | 0.1  |
| 1 RSES59-16.05  | 3655 | 6.5  | 0.1  |
| 108 Edmo2-87    | 3655 | 5.73 | 0.22 |
| 1 RSES59-09.11  | 3656 | 5.6  | 0.1  |
| 1 RSES59-09.11  | 3656 | 5.6  | 0.1  |
| 108 BBQ1-138    | 3657 | 5.95 | 0.21 |
| 103 CF89-26-13b | 3660 | 7.65 |      |
| 108 BBQ1-199    | 3661 | 7.18 | 0.17 |
| 35 07LSC9_23.2  | 3670 | 3.9  | 0.3  |
| 35 07LSC9_23.2  | 3670 | 3.9  | 0.3  |
| 108 BBQ1-181c   | 3670 | 6.43 | 0.15 |

|                   |      |      |      |
|-------------------|------|------|------|
| 35 07LSC9_9.1     | 3672 | 6    | 0.4  |
| 35 07LSC9_9.1     | 3672 | 6    | 0.4  |
| 103 CF89-26-34a   | 3673 | 6.03 | 0.12 |
| 1 RSES54-7.5      | 3674 | 5.2  | 0.3  |
| 1 RSES54-7.5      | 3674 | 5.2  | 0.3  |
| 108 BBQ1-163      | 3674 | 5.84 | 0.16 |
| 103 CF89-26-20b   | 3681 | 6.53 | 0.18 |
| 103 CF89-26-5a    | 3682 | 5.78 | 0.12 |
| 1 RSES59-03.15    | 3685 | 5.5  | 0.2  |
| 1 RSES59-03.15    | 3685 | 5.5  | 0.2  |
| 1 RSES53-3.1      | 3686 | 5.8  | 0.3  |
| 1 RSES53-3.1      | 3686 | 5.8  | 0.3  |
| 1 RSES53-3.1      | 3686 | 5.8  | 1    |
| 1 RSES53-3.1      | 3686 | 5.8  | 1    |
| 67 RSES51_4-2     | 3686 | 5.32 | 0.34 |
| 108 BBQ1-147      | 3692 | 6.08 | 0.16 |
| 108 BBQ1-129      | 3698 | 6.08 | 0.16 |
| 103 CF89-26-43a   | 3699 | 6.94 | 0.19 |
| 1 RSES59-04.07    | 3702 | 5.3  | 0.3  |
| 1 RSES59-04.07    | 3702 | 5.3  | 0.3  |
| 108 Edmo1-69      | 3703 | 7.47 | 0.24 |
| 67 RSES51_3-12    | 3704 | 4.55 | 0.29 |
| 108 Edmo1-64      | 3704 | 7.01 | 0.26 |
| 103 CF89-26-31a   | 3712 | 5.94 | 0.2  |
| 108 BBQ1-189      | 3718 | 5.56 | 0.17 |
| 56 BT4-5          | 3723 | 6.3  |      |
| 56 BT4-5          | 3723 | 6.3  |      |
| 108 Edmo2-121     | 3724 | 5.67 | 0.25 |
| 103 CF89-26-29a   | 3734 | 6.4  | 0.2  |
| 103 CF89-26-46a   | 3734 | 7.09 | 0.19 |
| 1 RSES59-08.17    | 3741 | 6    | 0.1  |
| 1 RSES59-08.17    | 3741 | 6    | 0.1  |
| 56 BT4-4          | 3746 | 5.9  |      |
| 56 BT4-4          | 3746 | 5.9  |      |
| 94 177097@23. asc | 3747 | 6.4  | 0.2  |
| 1 RSES55-5.6      | 3749 | 3.6  | 0.1  |
| 1 RSES55-5.6      | 3749 | 3.6  | 0.1  |
| 56 BT4-20         | 3751 | 5.8  |      |
| 56 BT4-20         | 3751 | 5.8  |      |
| 103 CF89-26-7b    | 3752 | 7.29 | 0.2  |
| 1 RSES59-04.17    | 3753 | 6    | 0.2  |
| 1 RSES59-04.17    | 3753 | 6    | 0.2  |
| 46 Exmouth _57    | 3753 | 5.5  | 0.7  |
| 46 Exmouth _57    | 3753 | 5.5  | 0.7  |
| 1 RSES55-6.8      | 3754 | 4.3  | 0.3  |

|                 |      |      |      |
|-----------------|------|------|------|
| 1 RSES55-6.8    | 3754 | 4.3  | 0.3  |
| 1 RSES54-17.1   | 3754 | 6    | 0.2  |
| 1 RSES54-17.1   | 3754 | 6    | 0.2  |
| 67 RSES51_4-7   | 3754 | 5.16 | 0.31 |
| 1 RSES53-1.11   | 3755 | 5.7  | 0.3  |
| 1 RSES53-1.11   | 3755 | 5.7  | 0.3  |
| 103 CF89-26-3b  | 3761 | 5.99 | 0.18 |
| 67 RSES51_17-11 | 3764 | 4.2  | 0.31 |
| 1 RSES58-15.1   | 3766 | 5.3  | 0.2  |
| 1 RSES58-15.1   | 3766 | 5.3  | 0.2  |
| 1 RSES53-4.6    | 3767 | 5.4  | 0.2  |
| 1 RSES53-4.6    | 3767 | 5.4  | 0.2  |
| 1 RSES53-4.6    | 3767 | 6.2  | 1.4  |
| 1 RSES53-4.6    | 3767 | 6.2  | 1.4  |
| 1 RSES59-06.18  | 3768 | 6    | 0.1  |
| 1 RSES59-06.18  | 3768 | 6    | 0.1  |
| 103 CF89-26-27a | 3770 | 6    | 0.18 |
| 103 CF89-26-7a  | 3770 | 7.46 | 0.21 |
| 103 CF89-26-32b | 3772 | 6.89 | 0.3  |
| 103 CF89-26-19a | 3773 | 6.01 |      |
| 46 Exmouth _60  | 3775 | 5.7  | 0.6  |
| 46 Exmouth _60  | 3775 | 5.7  | 0.6  |
| 67 RSES51_10-12 | 3783 | 5.49 | 0.35 |
| 1 RSES59-13.17  | 3787 | 6    | 0.2  |
| 1 RSES59-13.17  | 3787 | 6    | 0.2  |
| 103 CF89-26-18a | 3793 | 6.86 | 0.3  |
| 103 CF89-26-38a | 3796 | 6.53 | 0.2  |
| 103 CF89-26-14a | 3797 | 6.93 | 0.3  |
| 103 CF89-26-44a | 3799 | 6.16 | 0.25 |
| 103 CF89-26-33a | 3803 | 5.39 | 0.2  |
| 103 CF89-26-27b | 3805 | 6.18 |      |
| 103 CF89-26-24a | 3807 | 6.96 | 0.18 |
| 101 ~~~9-18@2   | 3811 | 5    | 2    |
| 56 BT4-2        | 3812 | 5.7  |      |
| 56 BT4-2        | 3812 | 5.7  |      |
| 103 CF89-26-36a | 3812 | 6.81 | 0.18 |
| 1 RSES58-11.3   | 3815 | 6    | 0.1  |
| 1 RSES58-11.3   | 3815 | 6    | 0.1  |
| 1 RSES55-5.13   | 3816 | 5    | 0.3  |
| 1 RSES55-5.13   | 3816 | 5    | 0.3  |
| 103 CF89-26-50a | 3824 | 7.09 | 0.19 |
| 103 CF89-26-9b  | 3825 | 7.15 | 0.3  |
| 56 BT4-13       | 3826 | 7.3  |      |
| 56 BT4-13       | 3826 | 7.3  |      |
| 103 CF89-26-49b | 3826 | 6.86 | 0.23 |



|                  |      |      |      |
|------------------|------|------|------|
| 103 CF89-26-14d  | 3827 | 7.01 | 0.3  |
| 67 RSES51_4-5    | 3829 | 6.04 | 0.3  |
| 108 BBQ1-130     | 3833 | 6.79 | 0.19 |
| 103 CF89-26-10a  | 3834 | 7.12 | 0.3  |
| 103 CF89-26-28a  | 3837 | 6    | 0.3  |
| 1 RSES59-04.08   | 3838 | -5.7 | 0.9  |
| 1 RSES59-04.08   | 3838 | -5.7 | 0.9  |
| 1 RSES53-3.4     | 3839 | 3.4  | 0.3  |
| 1 RSES53-3.4     | 3839 | 3.4  | 0.3  |
| 1 RSES53-3.4     | 3839 | 6.8  | 1.5  |
| 1 RSES53-3.4     | 3839 | 6.8  | 1.5  |
| 103 CF89-26-45a  | 3840 | 6.47 | 0.16 |
| 103 CF89-26-48b  | 3840 | 6.8  | 0.21 |
| 1 RSES56-01.18   | 3843 | 6.5  | 0.6  |
| 1 RSES56-01.18   | 3843 | 6.5  | 0.6  |
| 108 Edmo1-45     | 3844 | 4.01 | 0.24 |
| 1 RSES59-14.14   | 3846 | 5.1  | 0.1  |
| 1 RSES59-14.14   | 3846 | 5.1  | 0.1  |
| 56 BT3-4         | 3847 | 6.2  |      |
| 56 BT3-4         | 3847 | 6.2  |      |
| 67 RSES51_5-1 b. | 3850 | 5.29 | 0.34 |
| 67 RSES51_5-1 b. | 3850 | 5.29 | 0.34 |
| 101 ~~~10-4@1    | 3852 | 5.9  | 2    |
| 103 CF89-26-33b  | 3859 | 5.56 |      |
| 1 RSES59-16.01   | 3860 | 5.9  | 0.2  |
| 1 RSES59-16.01   | 3860 | 5.9  | 0.2  |
| 101 ~~~11-9@2    | 3860 | 5.9  | 1.8  |
| 103 CF89-26-30a  | 3860 | 6.31 | 0.25 |
| 1 RSES55-3.13    | 3862 | 5    | 0.1  |
| 1 RSES55-3.13    | 3862 | 5    | 0.1  |
| 56 BT4-6         | 3862 | 6.3  |      |
| 56 BT4-6         | 3862 | 6.3  |      |
| 101 ~~~2-10@2    | 3863 | 6.8  | 0.8  |
| 67 RSES51_1-6    | 3864 | 4.86 | 0.34 |
| 1 RSES73-3.2     | 3866 | 5.7  | 0.9  |
| 1 RSES73-3.2     | 3866 | 5.7  | 0.9  |
| 1 RSES54-19.5    | 3869 | 6    | 0.2  |
| 1 RSES54-19.5    | 3869 | 6    | 0.2  |
| 1 RSES56-10.17   | 3870 | 6.2  | 0.4  |
| 1 RSES56-10.17   | 3870 | 6.2  | 0.4  |
| 1 RSES56-10.17   | 3870 | 6.3  | 1.2  |
| 1 RSES56-10.17   | 3870 | 6.3  | 1.2  |
| 1 RSES58-5.11    | 3871 | 4.6  | 0.3  |
| 1 RSES58-5.11    | 3871 | 4.6  | 0.3  |
| 1 RSES53-3.5     | 3878 | 5    | 0.3  |

|                |      |      |      |
|----------------|------|------|------|
| 1 RSES53-3.5   | 3878 | 5    | 0.3  |
| 1 RSES73-5.8   | 3884 | 4.4  | 0.9  |
| 1 RSES73-5.8   | 3884 | 4.4  | 0.9  |
| 1 RSES56-03.17 | 3889 | 5.9  | 0.2  |
| 1 RSES56-03.17 | 3889 | 5.9  | 0.2  |
| 1 RSES56-03.17 | 3889 | 6.2  | 1.1  |
| 1 RSES56-03.17 | 3889 | 6.2  | 1.1  |
| 1 RSES56-02.09 | 3890 | 5.7  | 0.1  |
| 1 RSES56-02.09 | 3890 | 5.7  | 0.1  |
| 1 RSES58-13.14 | 3892 | 6.3  | 0.2  |
| 1 RSES58-13.14 | 3892 | 6.3  | 0.2  |
| 1 RSES58-15.13 | 3893 | 2    | 0.3  |
| 1 RSES58-15.13 | 3893 | 2    | 0.3  |
| 1 RSES58-15.13 | 3893 | 6.2  | 0.1  |
| 1 RSES58-15.13 | 3893 | 6.2  | 0.1  |
| 1 RSES73-4.7   | 3894 | 5.3  | 0.9  |
| 1 RSES73-4.7   | 3894 | 5.3  | 0.9  |
| 1 RSES54-15.11 | 3897 | 5.1  | 0.2  |
| 1 RSES54-15.11 | 3897 | 5.1  | 0.2  |
| 1 RSES72-12.9  | 3897 | 5.2  | 1.1  |
| 1 RSES72-12.9  | 3897 | 5.2  | 1.1  |
| 1 RSES58-3.13  | 3902 | 5.9  | 0.1  |
| 1 RSES58-3.13  | 3902 | 5.9  | 0.1  |
| 101 ~~~12-7@1  | 3903 | 6.5  | 1.6  |
| 108 BBQ1-143   | 3903 | 5.56 | 0.18 |
| 1 RSES73-17.10 | 3905 | 5.8  | 0.9  |
| 1 RSES73-17.10 | 3905 | 5.8  | 0.9  |
| 1 RSES73-17.10 | 3905 | 7.4  | 0.9  |
| 1 RSES73-17.10 | 3905 | 7.4  | 0.9  |
| 1 RSES54-18.11 | 3906 | 6    | 0.2  |
| 1 RSES54-18.11 | 3906 | 6    | 0.2  |
| 1 RSES53-13.19 | 3908 | 5.9  | 0.4  |
| 1 RSES53-13.19 | 3908 | 5.9  | 0.4  |
| 1 RSES58-17.7  | 3910 | 5.9  | 0.2  |
| 1 RSES58-17.7  | 3910 | 5.9  | 0.2  |
| 1 RSES53-16.11 | 3911 | 6.5  | 0.2  |
| 1 RSES53-16.11 | 3911 | 6.5  | 0.2  |
| 1 RSES55-6.12  | 3913 | 5.2  | 0.4  |
| 1 RSES55-6.12  | 3913 | 5.2  | 0.4  |
| 46 Dwyer _65   | 3918 | 6.5  | 0.5  |
| 46 Dwyer _65   | 3918 | 6.5  | 0.5  |
| 101 ~~~6-10@1  | 3919 | 5.8  | 2    |
| 1 RSES54-17.17 | 3924 | 5.2  | 0.2  |
| 1 RSES54-17.17 | 3924 | 5.2  | 0.2  |
| 1 RSES56-07.06 | 3924 | 5.5  | 0.1  |

|                  |      |       |       |
|------------------|------|-------|-------|
| 1 RSES56-07. 06  | 3924 | 5. 5  | 0. 1  |
| 1 RSES72-13. 1   | 3924 | 6. 9  | 1. 2  |
| 1 RSES72-13. 1   | 3924 | 6. 9  | 1. 2  |
| 101 ~~~9-20@1    | 3925 | 3. 9  | 2     |
| 1 RSES58-12. 3   | 3926 | 6. 2  | 0. 2  |
| 1 RSES58-12. 3   | 3926 | 6. 2  | 0. 2  |
| 1 RSES59-16. 03  | 3929 | 5. 7  | 0. 1  |
| 1 RSES59-16. 03  | 3929 | 5. 7  | 0. 1  |
| 101 ~~~5-2@1     | 3929 | 5. 3  | 1. 6  |
| 1 RSES58-16. 2   | 3930 | 4     | 2. 9  |
| 1 RSES58-16. 2   | 3930 | 4     | 2. 9  |
| 1 RSES58-16. 2   | 3930 | 5. 5  | 0. 3  |
| 1 RSES58-16. 2   | 3930 | 5. 5  | 0. 3  |
| 1 RSES55-13. 13  | 3935 | 2. 4  | 0. 2  |
| 1 RSES55-13. 13  | 3935 | 2. 4  | 0. 2  |
| 1 RSES73-13. 7b  | 3938 | 5. 5  | 0. 9  |
| 1 RSES73-13. 7b  | 3938 | 5. 5  | 0. 9  |
| 1 RSES73-14. 3b  | 3941 | 5. 2  | 0. 9  |
| 1 RSES73-14. 3b  | 3941 | 5. 2  | 0. 9  |
| 1 RSES58-10. 15  | 3941 | 6     | 0. 1  |
| 1 RSES58-10. 15  | 3941 | 6     | 0. 1  |
| 1 RSES59-6. 4    | 3945 | 6. 7  | 0. 1  |
| 1 RSES59-6. 4    | 3945 | 6. 7  | 0. 1  |
| 1 RSES54-16. 20  | 3946 | 4. 8  | 0. 3  |
| 1 RSES54-16. 20  | 3946 | 4. 8  | 0. 3  |
| 101 ~~~3-11@2    | 3947 | 6. 1  | 0. 4  |
| 67 RSES51_17-1   | 3950 | 5. 85 | 0. 3  |
| 1 RSES59-9. 14   | 3951 | 5. 7  | 0. 1  |
| 1 RSES59-9. 14   | 3951 | 5. 7  | 0. 1  |
| 1 RSES58-19. 19  | 3956 | 5. 9  | 0. 1  |
| 1 RSES58-19. 19  | 3956 | 5. 9  | 0. 1  |
| 1 RSES72-4. 2    | 3957 | 3. 4  | 1. 1  |
| 1 RSES72-4. 2    | 3957 | 3. 4  | 1. 1  |
| 6 W74/3-36       | 3964 | 5. 5  | 0. 4  |
| 6 W74/3-36       | 3964 | 5. 5  | 0. 4  |
| 56 BT4-40        | 3965 | 6. 4  |       |
| 56 BT4-40        | 3965 | 6. 4  |       |
| 30 n2539-rpt-b19 | 3969 | 4. 79 | 0. 29 |
| 30 n2539-rpt-b19 | 3969 | 4. 79 | 0. 29 |
| 30 n2539-b-19    | 3969 | 7. 76 | 0. 25 |
| 30 n2539-b-19    | 3969 | 7. 76 | 0. 25 |
| 1 RSES58-17. 2   | 3970 | 6. 1  | 0. 1  |
| 1 RSES58-17. 2   | 3970 | 6. 1  | 0. 1  |
| 56 BT4-36        | 3973 | 6. 5  |       |
| 56 BT4-36        | 3973 | 6. 5  |       |

|                   |            |            |            |
|-------------------|------------|------------|------------|
| 1 RSES54-17. 18   | 3974       | 3.3        | 0.4        |
| 1 RSES54-17. 18   | 3974       | 3.3        | 0.4        |
| 1 RSES58-4. 19    | 3974       | 5.8        | 0.1        |
| 1 RSES58-4. 19    | 3974       | 5.8        | 0.1        |
| 1 RSES54-17. 18   | 3974       | 6.8        | 0.3        |
| 1 RSES54-17. 18   | 3974       | 6.8        | 0.3        |
| 67 RSES51_17-2    | 3976       | 6.13       | 0.33       |
| 1 RSES58-1. 19    | 3979       | 6.8        | 0.1        |
| 1 RSES58-1. 19    | 3979       | 6.8        | 0.1        |
| 101 ~~~11-7@1     | 3979       | 7.3        | 1.8        |
| 101 ~~~7-5@1      | 3981       | 5.1        | 1.8        |
| 1 RSES58-18. 17   | 3982       | 6.4        | 0.1        |
| 1 RSES58-18. 17   | 3982       | 6.4        | 0.1        |
| 1 RSES54-9. 4     | 3984       | 5.9        | 0.1        |
| 1 RSES54-9. 4     | 3984       | 5.9        | 0.1        |
| 6 W74/3-134       | 3984       | 6.3        | 0.6        |
| 6 W74/3-134       | 3984       | 6.3        | 0.6        |
| 1 RSES58-4. 7     | 3985       | 6.3        | 0.1        |
| 1 RSES58-4. 7     | 3985       | 6.3        | 0.1        |
| 101 ~~~8-13@1     | 3993       | 5.7        | 1.2        |
| 101 ~~~7-3@1      | 3994       | 5.6        | 1.6        |
| 101 ~~~8-1@1      | 3995       | 5.1        | 1.6        |
| 101 ~~~1-4@1      | 3995       | 5.6        | 1.6        |
| 1 RSES58-17. 1    | 3996       | 5.6        | 0.1        |
| 1 RSES58-17. 1    | 3996       | 5.6        | 0.1        |
| 1 RSES58-8. 2     | 3996       | 5.7        | 0.2        |
| 1 RSES58-8. 2     | 3996       | 5.7        | 0.2        |
| 6 W74/3-133       | 3996       | 5.7        | 0.6        |
| 6 W74/3-133       | 3996       | 5.7        | 0.6        |
| 1 RSES54-3. 9     | 3997       | 5.8        | 0.1        |
| 1 RSES54-3. 9     | 3997       | 5.8        | 0.1        |
| 101 ~~~12-14@1    | 4001       | 6.6        | 1.6        |
| 16 ANU125_12_1    | 4002       | 6.23484185 | 0.43626352 |
| 16 ANU125_12_1    | 4002       | 6.23484185 | 0.43626352 |
| 73 ANU125_12_1    | 4002       | 6.23       | 0.44       |
| 16 ANU111_4-11s   | 4002.89682 | 5.92731311 | 0.43499388 |
| 16 ANU111_4-11s   | 4002.89682 | 5.92731311 | 0.43499388 |
| 73 ANU111_4-11s   | 4002.89682 | 5.93       | 0.43       |
| 68 RSES59_4_11. a | 4003.41136 | 5.98506451 | 0.22354153 |
| 73 ANU111_3-11s   | 4003.69446 | 6.4        | 0.43       |
| 16 ANU111_3-11s   | 4003.69446 | 6.39676019 | 0.43499388 |
| 16 ANU111_3-11s   | 4003.69446 | 6.39676019 | 0.43499388 |
| 101 ~~~7-15@1     | 4004       | 6.2        | 1.6        |
| 68 RSES59_5_2. a  | 4004.01121 | 5.49735382 | 0.22608965 |
| 68 RSES66_13_14.  | 4004.35101 | 5.91540466 | 0.26055672 |

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| 68 rses_55_new_:  | 4005.7208  | 5.84611673 | 0.40343032 |
| 6 W74/3-13        | 4008       | 6.3        | 0.4        |
| 6 W74/3-13        | 4008       | 6.3        | 0.4        |
| 68 RSES67_10_11   | 4008.13231 | 6.96691002 | 0.68958299 |
| 68 RSES67_10_11.  | 4008.13231 | 7.09271301 | 0.68896607 |
| 42 W74-1          | 4010       | 6.8        |            |
| 42 W74-1          | 4010       | 6.8        |            |
| 101 ~~~2-15@1     | 4012       | 5.9        | 1.2        |
| 101 ~~~11-10@1    | 4012       | 7.7        | 1.8        |
| 6 W74/3-17        | 4013       | 6.4        | 0.6        |
| 6 W74/3-17        | 4013       | 6.4        | 0.6        |
| 16 ANU125_10_12   | 4013       | 5.53766611 | 0.43626352 |
| 16 ANU125_10_12   | 4013       | 5.53766611 | 0.43626352 |
| 73 ANU125_10_12   | 4013       | 5.54       | 0.44       |
| 68 RSES61_13_11.  | 4014.78253 | 5.10000876 | 0.24214889 |
| 68 rses_55_new_:  | 4015.68003 | 5.7760484  | 0.40474806 |
| 68 RSES59_11_7. a | 4015.90275 | 5.72694076 | 0.22313277 |
| 68 rses_55_new_(: | 4016.53112 | 4.2510426  | 0.40367276 |
| 68 rses_55_6_15_  | 4016.53112 | 4.81698509 | 0.26063123 |
| 6 W74/3-15        | 4017       | 7.3        | 0.3        |
| 6 W74/3-15        | 4017       | 7.3        | 0.3        |
| 101 ~~~4-9@2      | 4017       | 5.8        | 0.8        |
| 16 ANU111_1-13s:  | 4017.4658  | 6.05652331 | 0.43499388 |
| 16 ANU111_1-13s:  | 4017.4658  | 6.05652331 | 0.43499388 |
| 73 ANU111_1-13s:  | 4017.4658  | 6.06       | 0.43       |
| 68 RSES64_10_7. a | 4018.31917 | 6.47848692 | 0.41420425 |
| 68 RSES65_9_1. a: | 4018.35042 | 3.11714677 | 0.42666696 |
| 101 ~~~12-4@1     | 4020       | 6.9        | 1.8        |
| 68 RSES60_6_18. a | 4020.16365 | 5.32426969 | 0.46103705 |
| 101 ~~~1-7@1      | 4021       | 5.5        | 1.2        |
| 68 RSES65_3_6. a: | 4022.35502 | 5.44096629 | 0.41848769 |
| 68 RSES61_15_11.  | 4022.86969 | 6.77471672 | 0.23809721 |
| 68 RSES60_10_19.  | 4023.39474 | 5.20033743 | 0.46072184 |
| 16 ANU125_10_4    | 4024       | 5.11316799 | 0.43626352 |
| 16 ANU125_10_4    | 4024       | 5.11316799 | 0.43626352 |
| 16 ANU125_13_13   | 4024       | 6.22385484 | 0.43626352 |
| 16 ANU125_13_13   | 4024       | 6.22385484 | 0.43626352 |
| 73 ANU125_10_4    | 4024       | 5.11       | 0.44       |
| 73 ANU125_13_13   | 4024       | 6.22       | 0.44       |
| 68 RSES61_10_8. a | 4028.27609 | 5.49819029 | 0.24208834 |
| 68 RSES66_12_18.  | 4028.61684 | 6.26219604 | 0.26448168 |
| 6 W74/3-152       | 4029       | 6.1        | 0.6        |
| 6 W74/3-152       | 4029       | 6.1        | 0.6        |
| 68 RSES62_6_12. a | 4031.3447  | 7.13984457 | 0.80289475 |
| 68 RSES61_8_2. a: | 4032.86641 | 6.24345123 | 0.23549308 |

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| 101 ~~~1-14@1     | 4034       | 5.1        | 1.8        |
| 6 W74/3-74        | 4035       | 5.6        | 0.4        |
| 6 W74/3-74        | 4035       | 5.6        | 0.4        |
| 68 rses_55_new_   | 4035.54114 | 4.99420113 | 0.40374215 |
| 101 ~~~1-15@1     | 4036       | 6.7        | 1.8        |
| 73 ANU111_6-14s   | 4037.07196 | 6.27       | 0.43       |
| 16 ANU111_6-14s   | 4037.07196 | 6.26555447 | 0.43499388 |
| 16 ANU111_6-14s   | 4037.07196 | 6.26555447 | 0.43499388 |
| 6 01JH60-47       | 4038       | 6          | 0.3        |
| 6 01JH60-47       | 4038       | 6          | 0.3        |
| 68 rses_57_1_3. & | 4039.4973  | 6.24388004 | 0.25494065 |
| 68 rses_55_new_   | 4039.98713 | 6.48157717 | 0.40958038 |
| 68 rses_55_11_1!  | 4039.98713 | 7.12798716 | 0.26821196 |
| 6 01JH60-64       | 4040       | 6.5        | 0.3        |
| 6 01JH60-64       | 4040       | 6.5        | 0.3        |
| 101 ~~~10-11@1    | 4040       | 4.6        | 1.8        |
| 68 RSES60_8_8. a: | 4040.7855  | 5.14194566 | 0.45878911 |
| 68 RSES67_19_13.  | 4040.90959 | 6.62198627 | 0.6906775  |
| 6 01JH54-D2       | 4042       | 6.2        | 0.3        |
| 6 01JH54-D2       | 4042       | 6.2        | 0.3        |
| 101 ~~~1-1@1      | 4042       | 5.5        | 0.4        |
| 16 ANU125_12_7    | 4044       | 5.42430014 | 0.43626352 |
| 16 ANU125_12_7    | 4044       | 5.42430014 | 0.43626352 |
| 73 ANU125_12_7    | 4044       | 5.42       | 0.44       |
| 6 W74/3-58        | 4045       | 6.2        | 0.1        |
| 6 W74/3-58        | 4045       | 6.2        | 0.1        |
| 68 RSES59_2_17. & | 4047.7248  | 5.53242694 | 0.2241333  |
| 101 ~~~5-3@1      | 4054       | 5.3        | 1.6        |
| 68 RSES62_2_7. a: | 4057.04568 | 5.38195939 | 0.80321765 |
| 101 ~~~5-1@1      | 4058       | 4.4        | 1.8        |
| 67 RSES51_4-9     | 4061       | 5.69       | 0.3        |
| 6 01JH54-58       | 4063       | 6.8        | 0.1        |
| 6 01JH54-58       | 4063       | 6.8        | 0.1        |
| 101 ~~~13-6@1     | 4063       | 5.8        | 1.6        |
| 101 ~~~12-12@1    | 4064       | 5.5        | 1.8        |
| 68 RSES62_15_17.  | 4064.25473 | 6.77345311 | 0.80335686 |
| 6 01JH36-115      | 4065       | 5.3        | 0.3        |
| 6 01JH36-115      | 4065       | 5.3        | 0.3        |
| 73 ANU125_4_14    | 4065       | 6.53       | 0.44       |
| 101 ~~~6-14@1     | 4065       | 6.8        | 1.6        |
| 16 ANU125_4_14    | 4065       | 6.53036998 | 0.43626352 |
| 16 ANU125_4_14    | 4065       | 6.53036998 | 0.43626352 |
| 73 ANU125_5_13    | 4066       | 6.03       | 0.44       |
| 101 ~~~11-5@1     | 4068       | 2.9        | 1.2        |
| 6 W74/3-170       | 4069       | 5.8        | 0.6        |

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| 6 W74/3-170      | 4069       | 5.8        | 0.6        |
| 101 ~~~6-9@1     | 4070       | 5.7        | 1.2        |
| 101 ~~~10-17@1   | 4074       | 4.8        | 2          |
| 68 RSES62_20_18. | 4075.01414 | 7.17655489 | 0.80095003 |
| 101 ~~~4-8@2     | 4076       | 5.7        | 0.8        |
| 6 01JH54-40      | 4078       | 6.5        | 0.4        |
| 6 01JH54-40      | 4078       | 6.5        | 0.4        |
| 68 RSES61_16_1.  | 4081.5132  | 5.1221468  | 0.23543751 |
| 101 ~~~4-8@1     | 4083       | 6.1        | 0.8        |
| 101 ~~~14-9@1    | 4084       | 6.2        | 1.6        |
| 68 RSES61_12_10. | 4088.4786  | 5.8119118  | 0.23524767 |
| 68 rses100_15-2. | 4089.21734 | 6.79143289 | 0.28001005 |
| 68 RSES64_5_13.  | 4090.61301 | 4.99513247 | 0.41587062 |
| 6 W74/3-32       | 4091       | 6.7        | 0.4        |
| 6 W74/3-32       | 4091       | 6.7        | 0.4        |
| 101 ~~~7-18@1    | 4091       | 4.9        | 2          |
| 101 ~~~2-3@3     | 4091       | 5          | 1.4        |
| 101 ~~~6-15@1    | 4092       | 5.9        | 1.2        |
| 6 W74/3-174      | 4094       | 5.5        | 0.2        |
| 6 W74/3-174      | 4094       | 5.5        | 0.2        |
| 6 01JH60-68      | 4097       | 6.7        | 0.4        |
| 6 01JH60-68      | 4097       | 6.7        | 0.4        |
| 68 RSES59_8_14.  | 4097.01629 | 5.47358861 | 0.22541396 |
| 6 W74/3-30       | 4102       | 7.3        | 0.4        |
| 6 W74/3-30       | 4102       | 7.3        | 0.4        |
| 68 RSES61_18_8.  | 4102.00545 | 5.69174298 | 0.23707094 |
| 16 ANU125_10_3   | 4103       | 6.3157462  | 0.43626352 |
| 16 ANU125_10_3   | 4103       | 6.3157462  | 0.43626352 |
| 73 ANU125_10_3   | 4103       | 6.32       | 0.44       |
| 6 01JH54-81      | 4104       | 6.9        | 0.3        |
| 6 01JH54-81      | 4104       | 6.9        | 0.3        |
| 68 RSES65_18_9.  | 4104.67779 | 5.5917237  | 0.42051941 |
| 16 ANU111_10-7s  | 4105.28722 | 6.48556102 | 0.43499388 |
| 16 ANU111_10-7s  | 4105.28722 | 6.48556102 | 0.43499388 |
| 16 ANU111_10-7s  | 4105.28722 | 6.81731693 | 0.43499388 |
| 16 ANU111_10-7s  | 4105.28722 | 6.81731693 | 0.43499388 |
| 73 ANU111_10-7s  | 4105.28722 | 6.82       | 0.43       |
| 68 RSES59_8_4.   | 4107.90861 | 5.87619138 | 0.22454628 |
| 6 01JH54-20      | 4110       | 6.6        | 0.3        |
| 6 01JH54-20      | 4110       | 6.6        | 0.3        |
| 101 ~~~6-10@1    | 4110       | 5.5        | 0.8        |
| 68 RSES66_6_12.  | 4110.15668 | 6.40931617 | 0.26618764 |
| 101 ~~~8-4@1     | 4111       | 4.6        | 1.8        |
| 101 ~~~15-8@1    | 4111       | 5.5        | 1.8        |
| 68 RSES61_5_9.   | 4111.59896 | 5.91936342 | 0.23808791 |

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| 6 W74/3-41       | 4112       | 7.3        | 0.4        |
| 6 W74/3-41       | 4112       | 7.3        | 0.4        |
| 101 ~~~2-7@2     | 4113       | 5.5        | 0.4        |
| 16 ANU125_5_9    | 4114       | 6.00493618 | 0.43626352 |
| 16 ANU125_5_9    | 4114       | 6.00493618 | 0.43626352 |
| 73 ANU125_5_9    | 4114       | 6          | 0.44       |
| 16 ANU125_15_15  | 4115       | 6.46656788 | 0.43626352 |
| 16 ANU125_15_15  | 4115       | 6.46656788 | 0.43626352 |
| 73 ANU125_9_10   | 4115       | 5.54       | 0.44       |
| 73 ANU125_15_15  | 4115       | 6.47       | 0.44       |
| 6 01JH60-51      | 4116       | 6.5        | 0.1        |
| 6 01JH60-51      | 4116       | 6.5        | 0.1        |
| 101 ~~~11-15@2   | 4117       | 6          | 1.6        |
| 16 ANU111_9-4s3  | 4117.11949 | 6.64869513 | 0.43499388 |
| 16 ANU111_9-4s3  | 4117.11949 | 6.64869513 | 0.43499388 |
| 16 ANU111_9-4s2  | 4117.11949 | 7.05029438 | 0.43499388 |
| 16 ANU111_9-4s2  | 4117.11949 | 7.05029438 | 0.43499388 |
| 16 ANU111_9-4s1  | 4117.11949 | 7.22939269 | 0.43499388 |
| 16 ANU111_9-4s1  | 4117.11949 | 7.22939269 | 0.43499388 |
| 73 ANU111_9-4s1  | 4117.11949 | 7.23       | 0.43       |
| 16 ANU125_1_13   | 4118       | 6.17874889 | 0.43626352 |
| 16 ANU125_1_13   | 4118       | 6.17874889 | 0.43626352 |
| 73 ANU125_1_13   | 4118       | 6.18       | 0.44       |
| 101 ~~~4-10@1    | 4118       | 5          | 1.8        |
| 68 RSES_58_4_16. | 4119.23443 | 6.39187593 | 1.11213645 |
| 101 ~~~4-14@1    | 4121       | 4.4        | 1.8        |
| 101 ~~~14-3@1    | 4121       | 5.9        | 1.8        |
| 6 01JH54-10      | 4123       | 6.3        | 0.1        |
| 6 01JH54-10      | 4123       | 6.3        | 0.1        |
| 68 rses_57_19_1: | 4123.51425 | 6.17046796 | 0.25676579 |
| 101 ~~~8-6@1     | 4126       | 5.8        | 0.8        |
| 68 RSES61_12_13. | 4126.64719 | 6.50534014 | 0.23750679 |
| 101 ~~~14-7@1    | 4127       | 6.2        | 1.8        |
| 68 rses_55_new_: | 4128.19502 | 5.40922632 | 0.40299226 |
| 68 RSES60_7_19.: | 4128.29124 | 5.68733511 | 0.46026297 |
| 68 RSES66_3_16.: | 4128.57815 | 5.8268617  | 0.26281162 |
| 6 W74/3-131      | 4130       | 4.6        | 0.6        |
| 6 W74/3-131      | 4130       | 4.6        | 0.6        |
| 68 rses_55_new_: | 4132.61388 | 5.5900339  | 0.4021158  |
| 68 RSES_58_3_4.: | 4132.683   | 5.55349303 | 1.11186499 |
| 6 W74/3-62       | 4133       | 6.9        | 0.6        |
| 6 W74/3-62       | 4133       | 6.9        | 0.6        |
| 16 ANU125_8_1    | 4133       | 5.61185976 | 0.43626352 |
| 16 ANU125_8_1    | 4133       | 5.61185976 | 0.43626352 |
| 73 ANU125_8_1    | 4133       | 5.61       | 0.44       |



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| 101 ~~~8-6@2      | 4133       | 5.5        | 0.8        |
| 101 ~~~2-7@1      | 4137       | 5.1        | 0.4        |
| 16 ANU111_2-6s2   | 4140       | 5.30021961 | 0.43499388 |
| 16 ANU111_2-6s2   | 4140       | 5.30021961 | 0.43499388 |
| 16 ANU111_2-6s4   | 4140       | 5.35359989 | 0.43499388 |
| 16 ANU111_2-6s4   | 4140       | 5.35359989 | 0.43499388 |
| 16 ANU111_2-6s1   | 4140       | 5.41246785 | 0.43499388 |
| 16 ANU111_2-6s1   | 4140       | 5.41246785 | 0.43499388 |
| 16 ANU111_2-6s3   | 4140       | 5.51074742 | 0.43499388 |
| 16 ANU111_2-6s3   | 4140       | 5.51074742 | 0.43499388 |
| 16 ANU111_2-6s5   | 4140       | 5.66390391 | 0.43499388 |
| 16 ANU111_2-6s5   | 4140       | 5.66390391 | 0.43499388 |
| 16 ANU111_2-6s6   | 4140       | 5.67936922 | 0.43499388 |
| 16 ANU111_2-6s6   | 4140       | 5.67936922 | 0.43499388 |
| 16 ANU111_2-2s1   | 4140       | 6.26256119 | 0.43499388 |
| 16 ANU111_2-2s1   | 4140       | 6.26256119 | 0.43499388 |
| 73 ANU111_2-6s1   | 4140       | 5.41       | 0.43       |
| 101 ~~~13-11@1    | 4142       | 5.7        | 1.8        |
| 16 ANU125_11_10   | 4143       | 5.72893997 | 0.43626352 |
| 16 ANU125_11_10   | 4143       | 5.72893997 | 0.43626352 |
| 73 ANU125_11_10   | 4143       | 5.73       | 0.44       |
| 68 RSES63_14_5. : | 4145.34788 | 6.11375323 | 0.17650149 |
| 16 ANU125_14_10   | 4149       | 5.81034373 | 0.43626352 |
| 16 ANU125_14_10   | 4149       | 5.81034373 | 0.43626352 |
| 73 ANU125_14_10   | 4149       | 5.81       | 0.44       |
| 42 W74-10         | 4150       | 5.6        |            |
| 42 W74-10         | 4150       | 5.6        |            |
| 101 ~~~6-10@2     | 4152       | 6.1        | 1.2        |
| 6 W74/3-143       | 4159       | 6.7        | 0.4        |
| 6 W74/3-143       | 4159       | 6.7        | 0.4        |
| 68 RSES60_16_1. : | 4162.48511 | 4.88990458 | 0.46056863 |
| 6 W74/3-154       | 4164       | 6.3        | 0.4        |
| 6 W74/3-154       | 4164       | 6.3        | 0.4        |
| 6 W74/2-52        | 4165       | 5.3        | 0.4        |
| 6 W74/2-52        | 4165       | 5.3        | 0.4        |
| 6 01JH54-34       | 4167       | 6.2        | 0.3        |
| 6 01JH54-34       | 4167       | 6.2        | 0.3        |
| 6 01JH54-78       | 4167       | 7.3        | 0.2        |
| 6 01JH54-78       | 4167       | 7.3        | 0.2        |
| 68 RSES66_5_18. : | 4172.90831 | 6.11998716 | 0.27026645 |
| 6 01JH54-68       | 4176       | 6.2        | 0.4        |
| 6 01JH54-68       | 4176       | 6.2        | 0.4        |
| 6 01JH60-39       | 4177       | 6.3        | 0.3        |
| 6 01JH60-39       | 4177       | 6.3        | 0.3        |
| 6 01JH54-17       | 4178       | 5.3        | 0.1        |

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| 6 01JH54-17      | 4178       | 5.3        | 0.1        |
| 73 ANU111_13-1s  | 4178.24432 | 6.74       | 0.43       |
| 16 ANU111_13-1s  | 4178.24432 | 6.73699708 | 0.43499388 |
| 16 ANU111_13-1s  | 4178.24432 | 6.73699708 | 0.43499388 |
| 73 ANU111_5-8@1  | 4187.97435 | 5.8        | 0.43       |
| 16 ANU111_5-8@1  | 4187.97435 | 5.79810292 | 0.43499388 |
| 16 ANU111_5-8@1  | 4187.97435 | 5.79810292 | 0.43499388 |
| 68 RSES67_15_16. | 4191.95194 | 5.80183605 | 0.68942895 |
| 73 ANU111_8-7s1  | 4192.87493 | 6.34       | 0.43       |
| 16 ANU111_8-7s1  | 4192.87493 | 6.33888999 | 0.43499388 |
| 16 ANU111_8-7s1  | 4192.87493 | 6.33888999 | 0.43499388 |
| 16 ANU111_9-13s  | 4192.87493 | 6.4466483  | 0.43499388 |
| 16 ANU111_9-13s  | 4192.87493 | 6.4466483  | 0.43499388 |
| 6 01JH54-66      | 4195       | 6.5        | 0.3        |
| 6 01JH54-66      | 4195       | 6.5        | 0.3        |
| 101 ~~~15-11@1   | 4196       | 6.4        | 1.6        |
| 16 ANU92_15_1_s  | 4206       | 5.70790417 | 0.58361345 |
| 16 ANU92_15_1_s  | 4206       | 5.70790417 | 0.58361345 |
| 16 ANU92_15_1_s  | 4206       | 5.81338733 | 0.58361345 |
| 16 ANU92_15_1_s  | 4206       | 5.81338733 | 0.58361345 |
| 73 ANU92_15_1_s  | 4206       | 5.81       | 0.58       |
| 16 ANU107_3_4_s  | 4208       | 5.055419   | 0.58361345 |
| 16 ANU107_3_4_s  | 4208       | 5.055419   | 0.58361345 |
| 16 ANU107_3_4_s  | 4208       | 5.31233143 | 0.58361345 |
| 16 ANU107_3_4_s  | 4208       | 5.31233143 | 0.58361345 |
| 73 ANU107_3_4_s  | 4208       | 5.06       | 0.58       |
| 16 ANU64_8_9_s1  | 4209       | 6.07988891 | 0.58361345 |
| 16 ANU64_8_9_s1  | 4209       | 6.07988891 | 0.58361345 |
| 16 ANU64_8_9_s2  | 4209       | 6.58884762 | 0.58361345 |
| 16 ANU64_8_9_s2  | 4209       | 6.58884762 | 0.58361345 |
| 73 ANU64_8_9_s1  | 4209       | 6.08       | 0.58       |
| 16 ANU146_14_2_s | 4210       | 4.97576231 | 0.58361345 |
| 16 ANU146_14_2_s | 4210       | 4.97576231 | 0.58361345 |
| 16 ANU146_14_2_s | 4210       | 5.71481979 | 0.58361345 |
| 16 ANU146_14_2_s | 4210       | 5.71481979 | 0.58361345 |
| 73 ANU146_14_2_s | 4210       | 4.98       | 0.58       |
| 16 ANU61_13_4_s  | 4214       | 5.84465059 | 0.43626352 |
| 16 ANU61_13_4_s  | 4214       | 5.84465059 | 0.43626352 |
| 16 ANU61_13_4_s  | 4214       | 5.86462625 | 0.43626352 |
| 16 ANU61_13_4_s  | 4214       | 5.86462625 | 0.43626352 |
| 73 ANU61_13_4_s  | 4214       | 5.84       | 0.44       |
| 16 ANU81_10_9_s  | 4220       | 5.51173281 | 0.58361345 |
| 16 ANU81_10_9_s  | 4220       | 5.51173281 | 0.58361345 |
| 16 ANU81_10_9_s  | 4220       | 5.85375347 | 0.58361345 |
| 16 ANU81_10_9_s  | 4220       | 5.85375347 | 0.58361345 |

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| 73 ANU81_10_9_s  | 4220 | 5.51       | 0.58       |
| 16 ANU59_1_5_sl  | 4223 | 4.24151832 | 0.58361345 |
| 16 ANU59_1_5_sl  | 4223 | 4.24151832 | 0.58361345 |
| 16 ANU59_1_5_s2  | 4223 | 4.81079669 | 0.58361345 |
| 16 ANU59_1_5_s2  | 4223 | 4.81079669 | 0.58361345 |
| 73 ANU59_1_5_sl  | 4223 | 4.24       | 0.58       |
| 16 ANU121_8_11_s | 4226 | 4.28734948 | 0.58361345 |
| 16 ANU121_8_11_s | 4226 | 4.28734948 | 0.58361345 |
| 16 ANU121_8_11_s | 4226 | 4.41077928 | 0.58361345 |
| 16 ANU121_8_11_s | 4226 | 4.41077928 | 0.58361345 |
| 73 ANU121_8_11_s | 4226 | 4.41       | 0.58       |
| 16 ANU55_8_10_sl | 4229 | 5.34718583 | 0.58361345 |
| 16 ANU55_8_10_sl | 4229 | 5.34718583 | 0.58361345 |
| 16 ANU55_8_10_sl | 4229 | 5.70450801 | 0.58361345 |
| 16 ANU55_8_10_sl | 4229 | 5.70450801 | 0.58361345 |
| 73 ANU55_8_10_sl | 4229 | 5.35       | 0.58       |
| 101 ~~~3-15@1    | 4230 | 5.7        | 2          |
| 16 ANU85_3_15_sl | 4232 | 5.75627157 | 0.58361345 |
| 16 ANU85_3_15_sl | 4232 | 5.75627157 | 0.58361345 |
| 16 ANU85_3_15_sl | 4232 | 6.20617462 | 0.58361345 |
| 16 ANU85_3_15_sl | 4232 | 6.20617462 | 0.58361345 |
| 73 ANU85_3_15_sl | 4232 | 5.76       | 0.58       |
| 16 ANU40_13_8_sl | 4236 | 6.22886131 | 0.43626352 |
| 16 ANU40_13_8_sl | 4236 | 6.22886131 | 0.43626352 |
| 16 ANU40_13_8_sl | 4236 | 6.62537617 | 0.43626352 |
| 16 ANU40_13_8_sl | 4236 | 6.62537617 | 0.43626352 |
| 73 ANU40_13_8_sl | 4236 | 6.63       | 0.44       |
| 16 ANU52_7_12_sl | 4253 | 6.17772423 | 0.58361345 |
| 16 ANU52_7_12_sl | 4253 | 6.17772423 | 0.58361345 |
| 73 ANU52_7_12_sl | 4253 | 6.18       | 0.58       |
| 16 ANU47_3_6_sl  | 4255 | 5.83956638 | 0.43626352 |
| 16 ANU47_3_6_sl  | 4255 | 5.83956638 | 0.43626352 |
| 16 ANU47_3_6_s2  | 4255 | 5.92647242 | 0.43626352 |
| 16 ANU47_3_6_s2  | 4255 | 5.92647242 | 0.43626352 |
| 73 ANU47_3_6_sl  | 4255 | 5.84       | 0.44       |
| 6 01JH54-D90     | 4263 | 6.4        | 0.3        |
| 6 01JH54-D90     | 4263 | 6.4        | 0.3        |
| 16 ANU70_5_8_s2  | 4265 | 4.82032908 | 0.58361345 |
| 16 ANU70_5_8_s2  | 4265 | 4.82032908 | 0.58361345 |
| 16 ANU70_5_8_sl  | 4265 | 4.83631813 | 0.58361345 |
| 16 ANU70_5_8_sl  | 4265 | 4.83631813 | 0.58361345 |
| 73 ANU70_5_8_sl  | 4265 | 4.84       | 0.58       |
| 16 ANU63_3_14_sl | 4267 | 5.13312645 | 0.58361345 |
| 16 ANU63_3_14_sl | 4267 | 5.13312645 | 0.58361345 |
| 16 ANU63_3_14_sl | 4267 | 5.74110566 | 0.58361345 |

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| 16 ANU63_3_14_s  | 4267 | 5.74110566 | 0.58361345 |
| 73 ANU63_3_14_s  | 4267 | 5.74       | 0.58       |
| 16 RSES7_2_18_s  | 4268 | 7.15332373 | 0.58361345 |
| 16 RSES7_2_18_s  | 4268 | 7.15332373 | 0.58361345 |
| 16 RSES7_2_18_s  | 4268 | 7.54521394 | 0.58361345 |
| 16 RSES7_2_18_s  | 4268 | 7.54521394 | 0.58361345 |
| 73 RSES7_2_18_s  | 4268 | 7.15       | 0.58       |
| 16 ANU74_11_4_s  | 4275 | 5.37834848 | 0.58361345 |
| 16 ANU74_11_4_s  | 4275 | 5.37834848 | 0.58361345 |
| 16 ANU74_11_4_s  | 4275 | 5.93176418 | 0.58361345 |
| 16 ANU74_11_4_s  | 4275 | 5.93176418 | 0.58361345 |
| 73 ANU74_11_4_s  | 4275 | 5.38       | 0.58       |
| 16 ANU51_6_12_s  | 4289 | 5.55786494 | 0.58361345 |
| 16 ANU51_6_12_s  | 4289 | 5.55786494 | 0.58361345 |
| 16 ANU51_6_12_s  | 4289 | 5.63280151 | 0.58361345 |
| 16 ANU51_6_12_s  | 4289 | 5.63280151 | 0.58361345 |
| 73 ANU51_6_12_s  | 4289 | 5.63       | 0.58       |
| 16 ANU62_7_12_s  | 4292 | 5.39852955 | 0.58361345 |
| 16 ANU62_7_12_s  | 4292 | 5.39852955 | 0.58361345 |
| 16 ANU62_7_12_s  | 4292 | 6.07002156 | 0.58361345 |
| 16 ANU62_7_12_s  | 4292 | 6.07002156 | 0.58361345 |
| 73 ANU62_7_12_s  | 4292 | 6.07       | 0.58       |
| 6 01JH36-69      | 4324 | 4.6        | 0.3        |
| 6 01JH36-69      | 4324 | 4.6        | 0.3        |
| 6 01JH54-77      | 4324 | 6.5        | 0.4        |
| 6 01JH54-77      | 4324 | 6.5        | 0.4        |
| 16 ANU125_11_3_s | 4328 | 5.00900939 | 0.43626352 |
| 16 ANU125_11_3_s | 4328 | 5.00900939 | 0.43626352 |
| 16 ANU125_11_3_s | 4328 | 5.89855082 | 0.43626352 |
| 16 ANU125_11_3_s | 4328 | 5.89855082 | 0.43626352 |
| 73 ANU125_11_3_s | 4328 | 5.01       | 0.44       |
| 101 ~~~9-1@1     | 4340 | 5.1        | 1.6        |
| 6 01JH54-D7      | 4348 | 5.4        | 0.3        |
| 6 01JH54-D7      | 4348 | 5.4        | 0.3        |
| 16 ANU83_8_8_s1c | 4358 | 5.67105684 | 0.58361345 |
| 16 ANU83_8_8_s1c | 4358 | 5.67105684 | 0.58361345 |
| 73 ANU83_8_8_s1c | 4358 | 5.67       | 0.58       |
| 6 W74/2-36       | 4404 | 5.4        | 0.4        |
| 6 W74/2-36       | 4404 | 5.4        | 0.4        |

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