SatTrackCam Report no. 1

The First 15 months (August 2005 - October 2006)

Marco Langbroek

SatTrackCam Leiden, Cospar 4353 / 4352 E-mail: sattrackcam@wanadoo.nl

1 November 2006

CONTENTS		page
1.1 Introduction: brief history & station details		2
1.1.1 Brief history		2
1.1.2 Station details		2
1.2 Method, equipment & software		4
1.2.1 Camera		4
1.2.2 Camera operation, limitations and time calibration		4
1.2.3 Astrometry & data processing procedure		5
2.0 Targets & observation statistics		6
2.1 Accuracy tests using data on unclassified satellite	s (removed)	8
3.0 Flare observations & the behaviour of Lacrosse 5		11
4.0 Summary and conclusions		12
Acknowledgements		13
References & resources		13
Appendix 1: Accuracy calibration results on unclassified satellites	(table, <i>removed</i>)	14
Appendix 2: Observational data August 2005 - October 2006 (table		16
Appendix 3: Excerpt from United Nations resolution 2222 (XXI).		
Principles Governing the Activities of States in the Ex	•	
Use of Outer Space, including the Moon and Other Ce		21

1.1 Introduction: brief history & station details

Amateur photographic satellite tracking station *SatTrackCam Leiden* started operations on August 1st 2005, receiving Cospar station code 4352, later changing into 4353 after a move to a new location in February of 2006. It is operated by the author of this report. *SatTrackCam*'s main focus is on position determinations of classified satellites.

1.1.1 Brief history

In July of 2005, the author of this report was presented with a small pocket digital photographic camera by Casper ter Kuile. From a longer more "recreational" interest in satellites (as a by-product of his meteor observations), the idea to try to use it for serious satellite position determinations was born when during trials with simple fixed tripod astrophotography it accidentally captured a bright satellite.

Familiar with astrometry of astronomic images due to his work on meteors and asteroids and possessing the relevant software, it was realized by the author that such images could provide satellite positions. After a series of trials, mainly focussing on the difficult task of calibrating the exact shutter times and shutter time delays of the camera (done by comparing time residues to those of other observers and the resulting TLE's), the first serious attempts to obtain useful data were done in August 2005 at station 4352, the first data reported being on an August 1 pass of *Lacrosse 5* (05-016A, NCat # 28646). Calibration was still in progress at that time, so in these early observations time errors are still present.

The move to a new home, station 4353 in February 2006 greatly facilitated the observational program, as a wider part of the sky came in reach of the camera.

15 months later, the camera setup imho has proven that a quite simple digital pocket camera can deliver good quality positional measurements on bright satellites. The accuracy of obtained results is discussed in chapter 2.1 of this report.

1.1.2 Station details

The older location (August 2005 - February 2006, location *Diefsteeg*, Cospar 4352) was on the 2nd floor in a narrow alley in almost the exact city center of Leiden:

 52.15894 N
 4.48883 E (WGS84)
 +5 m ASL
 (Cospar 4352)

 Dutch RD coordinates:
 93527/463802 meter
 GPS determined

Observations were conducted from a south-facing living-room window, giving acces to the southern sky from the zenith to an elevation of $\sim 25^{\circ}$.

SatTrackCam is currently (February 2006 onwards) located in an 1807 AD almshouse in the inner historic city of Leiden, at coordinates:

52.	15412 N	4.49081 E (WGS84)	+0 m ASL	(Cospar 4353)
Dut	ch RD coordina	ates: 93655/463263 m	neter	GPS determined

This is some 500 meter due east of the historic Leiden Observatory, and within the medieval city moat perimeter of the town.

Observations are done from the central courtyard of the almshouse, which provides a safe secluded environment at night. From the courtyard there is acces to the sky in all directions, the minimum elevation that can be reached depending on the direction:

North:	~ 40°
East:	~ 50°
South:	~ 30°
West:	~ 25°

The long axis of the courtyard is oriented almost exactly east - west.

The main focus of observations is on the north. This is primarily due to the laziness of this observer: for these observations, the observer only has to open the north-facing French windows of his apartment and put up the tripod in front, and he can operate the camera from the comfort of his room with the lap-top nearby. Only when a pass of an object does not reach into the northern part of the sky, the observer moves out onto the courtyard.

The equipment used by *SatTrackCam* and data reduction details are outlined in chapter 1.2.

1.2 Method, equipment & software

1.2.1 Camera

The camera is a *Canon Digital Ixus 400* (named *Digital Elph* in the USA) with 4 megapixel resolution. In manual mode, it is capable of making exposures up to 15 seconds in duration at ISO 400.

It has a fixed 7.4 - 22.2 mm focal length zoom lens, equivalent to a 36-108mm lens on an analogue 35mm camera, with a focal ratio of F2.8 - 4.9. The camera has a 4 megapixel CCD sensor. When set at its highest resolution, the resulting digital images measure 2275 x 1704 pixels. These can be downloaded to a PC as uncompressed full colour JPEG's: such an image file is approximately 2 to 2.5 Mb in size.

For satellite tracking purposes, the camera is used in wide field mode (7.4 mm/F2.8) at ISO 400 with a "10 second" exposure (in reality, this turned out to be 10.7 seconds upon calibration). The resulting image covers 51.4° x 40.0° of sky. The camera lens is fixed on infinity focus by means of the appropriate camera setting.

When exposure times of 1.3 seconds or more are used, e.g. when making images for tracking, the camera automatically makes an additional dark frame image after each shot, which it uses for image noise reduction.

1.2.2 Camera operation, limitations and time calibration

In the urban environment of Leiden, a 10 - 15 second exposure with the camera captures stars up to magnitude +7 to +8, depending on the sky conditions. The limiting magnitude for satellite trails is at about magnitude +3.0 to +3.5 (in the urban, light polluted environment of Leiden) and heavily dependant on the sky conditions, notably the brightness of the sky background as contrast is a main factor in trail visibility.

With faint, low contrast trails, camera CCD noise becomes a main ambiguity factor in determining where trails start and end on the image.

The camera is operated from a tripod. In manual "starlight" mode, necessary for long exposure times, it alas cannot be triggered directly from the PC. It has to be triggered the old fashioned way by pushing the trigger button on the camera. In order to reduce effects of tripod and camera vibration due to the trigger push, the 10 second self-timer feature on the camera is used.

The timing of the shutter release push is guided by the observer watching the display of an Oregon Scientific RM318P Radio Controlled DCF77 clock receiving time signals from Frankfurt DCF77. It automatically recalibrates itself to the radio time signal each full hour. If the observer does not forget to do so in time, the clock is manually prompted to recalibrate on the time signal just before the start of an observing run, just for certainty.

Calibrating the time delays introduced by the camera itself was cumbersome. In September of 2005, it was discovered that it actually is dependent on the exact camera settings. When a particular satisfying configuration of settings had been chosen in Sept 2005, the author therefore stuck to this configuration.

In the used configuration the camera opens 10 seconds (self-timer) + 1.1 seconds after shutter release, hence 11.1 seconds after pushing the shutter release button. The actual exposure time in "10 second" setting in reality turned out to be 10.7 seconds after calibration.

1.2.3 Astrometry & data processing procedure

Obtained images are downloaded from the camera to the laptop after an observing run. Data processing takes place the same evening if possible, otherwise the next day.

Archiving - Each image is given a unique ID consisting of the date of observation and a serial number, with an "s" prefix. For example, the 2nd image taken on the evening of October 21 2006 would get the number *s211006_2*. The filename used to store the image on the laptop hard-disc is equal to this image code.

Image processing - In order to be able to load the image in the astrometric software for measurement, it has to be converted into an 8-bit black-and-white bitmap first. This is done using Paint Shop Pro 8. Especially with faint trails, the brightness and contrast of the image are boosted as well at this point. Moreover the date, exact times of start and end of the exposure, the target's common name and it's NCAT number as well as the Cospar code of the observing site are added to the EXIF data of the image file for catalogue purpose.

Astrometry - The *.bmp* image file is then loaded into ASTRECORD v3.2 software. ASTRECORD 3.2 is professional grade astrometric software developed by Marc de Lignie of the Dutch Meteor Society (DMS) for measuring digitized small camera meteor images (De Lignie 1997). It runs under MS-Windows. Measured X/Y positions of (in this case) start and end points of the satellite trail on the image are compared to the X/Y positions of measured reference stars in the image. The software fits and corrects the positions for camera lens distortions by means of the TURNER algorithm. It gives feedback on the internal consistency of the measurements on the reference stars (the average fit error in arcseconds). The derived RA and declination of the measured satellite trail begin- and endpoints are stored in a *.log* file and given in decimal degrees, listed to an accuracy of three decimals, in the following format:

year mo day H M S DEB Meteor dw RAB RAE DEE sia sur maq w 2006 7 16 22 27 31 "25017b 0.00 0.00 335.196 85.506 345.730 80.145 0.006 100 0.0 "25017e " 2006 7 16 22 27 42 0.0 0.00 0.00 335.242 85.506 345.776 80.145 0.006 100

Unlike meteors, two separate log entries need to be saved for satellite trails, one for the begin- and one for the endpoint of the trail, as there is a clear time separation for these, and ASTRORECORD automatically adjusts the RA of the point for sky rotation based on the difference beween the values for image start time, and the time of the point in question. For the first log entry line this is zero (start of the trail) and only the RAB and DEB values are valid, for the second it is 12 seconds (end of the trail) and only the RAE and DEE values are valid.

Note that each image ideally provides 2 positions (start and end of the trail), 10.7 seconds apart in time.

ASTRORECORD needs a minimum of some 20-25 measured reference stars spreading 360 degrees around the trail to arrive at a good astrometric fit. I usually however measure ~100 stars on a typical satellite trail image. After some practise, the reduction of one image now takes me some 15-20 minutes.

The average fit on the used reference stars with the described SatTrackCam setup has an accuracy of about 20" - 30". This is not the same as the true accuracy of the obtained satellite trail points however, as these are also influenced by timing accuracy (see chapter 2.1 for an analysis of the accuracy of the latter).

Data processing - Finally, data from the ASTRORECORD *.log* file are hand-keyed into George D. Lewis' OBSENTRY program to convert them to IOD format. Fits to the last available McCants elsets for the object are assessed using Scott Campbell's SATFIT software. IOD formatted data are reported to SeeSat and interested analysts by e-mail and posted on the author's website.

2.0 Targets & observation statistics

During its 15 months of operation SatTrackCam Leiden successfully targeted the following objects:

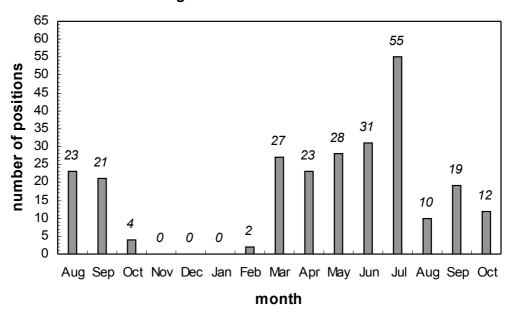
<i>Class</i> common name	origin	NCAT#	Cospar ID	Pos	Remarks					
Keyholes:										
USA 116 USA 129 USA 161 USA 186	USA USA USA USA	23728 24680 26934 28888	1995-066A 1996-072A 2001-044A 2005-042A	2 28 4 12	Keyhole (KH-12) class optical reconnaissance sat Keyhole (KH-12) class optical reconnaissance sat Keyhole (KH-12) class optical reconnaissance sat Keyhole (KH-12) class optical reconnaissance sat					
<i>Lacrosses:</i>										
Lacrosse 2 Lacrosse 3 Lacrosse 4 Lacrosse 5	USA USA USA USA	21147 25017 26473 28646	1991-017A 1997-064A 2000-047A 2005-016A	21 38 35 37	Lacrosse (Onyx) class radar reconnaissance sat Lacrosse (Onyx) class radar reconnaissance sat Lacrosse (Onyx) class radar reconnaissance sat Lacrosse (Onyx) class radar reconnaissance sat					
Japanese IGS:										
IGS 1B	Japan	27699	2003-009B	42	IGS class radar reconnaissance sat					
Other classifi	ed:									
Lacrosse 5 Rk	USA	28647	2005-016B	23	Rocket stage from Lacrosse 5 launch					
Non-classified:										
Kosmos 1602 Kosmos 1833 Rk Kosmos 2082 Rk ISS Progress-M58		17590 20625 25544	1984-105A 1987-027B 1990-064B 1998-067A 2006-045A	2 2 2 3 1	Stray, used for accuracy test Stray, used for accuracy test Stray, used for accuracy test test images for accuracy calibration image used for accuracy calibration					

Table: Objects targeted by SatTrackCam Leiden, August 2005 - October 2006. The columnn "Pos" lists the number of positions obtained and reported on each listed object.

On these objects, a total of 252 positions (excluding rejected ones) were obtained and reported in the time span under discussion. A total of 242 of these were on classified objects not listed on SSC's Space-Track public web catalogue. The Lacrosses and IGS 1B account for the majority of observations, as these are bright easily targeted objects. The Keyholes usually only cross the minimum brightness treshold of the camera when they flare and hence are more difficult to catch as these flares are not predictable.

The observations spread over the 15 months in question as shown in the diagram on the next page. July 2006 was especially prolific, because of the unusually good weather that month.

A number of unclassified objects were either picked up unintentionally as strays on images with classified objects, or (in the case of ISS and Progress-M58) deliberately targeted. These objects have been useful in assessing the accuracy of the obtained positions, because they could be compared to accurate SSC Space-Track TLE's. The results of this accuracy assessment are presented in chapter 2.1.



August 2005 - October 2006

 $\ensuremath{\text{Diagram}}$: distribution of reported observations over the 15 month time period August 2005 - October 2006

Target selection is on brightness and elevation. Objects known to be able to cross the imaging treshold of SatTrackCam are extracted from a timely McCants' *classfd.tle* using Willy Koorts' *extract* utility. The resulting file of TLE's is then loaded into Stephen Fels' *SatHunt* software, and skytrack predictions are generated for those objects which rise high enough in the sky to be targeted that evening.

2.1 Accuracy tests using data on unclassified satellites

This chapter has been removed from the public version due to SSC Space-Track User Agreement restrictions that prohibit dissemination of data used in this analysis

3.0 Flare observations & the behaviour of Lacrosse 5

Starting early 2006, an additional point of observational focus became the flaring behaviour of the *Lacrosse* satellites, and the peculiar brightness behaviour of *Lacrosse 5* (2005-016A, NCAT #28646).

3.0.1 Lacrosses and KH-12 Keyholes

Flares of Lacrosse satellites were observed and photographed by accident in 2005 and early 2006. Early 2006, Phillip Masding from the UK contacted the author with a request for timings on such flares, as he was working on software for modelling and predicting these Lacrosse flares. His early results based on his and my flare timings suggested that the flares might be the result of a reflective (SAR?) panel oriented under an angle of 25-30° with the X/Y plane of the main body. This while Lacrosse satellites are believed to be equipped with a large wire mesh parabolic antenna, not a flat SAR panel.

After a couple of predicted Lacrosse flares were confirmed visually by Phillip, the author managed to photograph a flare of *Lacrosse 3* (97-064A) at exactly the predicted time on 14 July 2006, 00:22:27 UTC.

Flare hunting became an enjoyable and unexpectedly prolific passtime for *SatTrackCam*, not only with regard to *Lacrosse* satellites but also with regard to KH-12 *Keyhole* satellites. In particular, the flare behaviour of *USA 186* (05-042A) showed interesting, with it both showing series of very short flares (glints rather) of less than a second duration, and slower flares of 10+ seconds. Examples of both types were photographed by SatTrackCam, including a beautiful shot of a slow magnitude -2 flare through Ursa minor at 50 degrees elevation in the north on 21 September 2006. KH-12 Keyhole *USA 129* (96-072A) showed to be another Keyhole prolific in bright long slow flares.

So far, these flare observations are by-products of the position program, there is no real dedicated focus on it except for the predicted Lacrosse flares for which Phillip Masding gives the author an heads-up.

3.0.2 Lacrosse 5 peculiar behaviour

Early 2006, *Lacrosse 5* (05-016A) caught SatTrackCam's attention by its peculiar brightness behaviour (reported earlier by other observers too). Usually brighter than the other Lacrosses, it would suddenly, in the cause of a few seconds only, dim and "disappear" (well away from the point of shadow entry), i.e. become too faint to be seen by the naked eye and the camera. Initial, e.g. at March 22, 2006, this caused some confusion with the author, as he failed to see the normally very bright satellite while minutes before and after other observers did see and report it. The author then managed to observe several of these sudden fading events "live" as it happened, and on 26 July 2006 managed to photograph the satellite in the event of doing it's "disappearance trick".

As Ted Molczan and Allan Thomson have stated on SeeSat, the suggestion is that a dark "something", perhaps an antennae panel, blocks view of the main body during such events. At any rate, this behaviour is peculiar to Lacrosse 5 and not shown by Lacrosse 2, 3 & 4. In fact, Lacrosse 5 deviates in a number of things:

- it is brighter (visually and photographically) than the other Lacrosses;
- · instead of red-orange it is yellow in colour;
- the other Lacrosse-birds don't do the "disappearance-trick";
- it is the first Lacrosse not to employ a frozen orbit.

4.0 Summary and conclusions

In the past 15 months of operations, the concept of photographic position determinations of bright satellites using a small pocket digital camera and ASTRORECORD astrometric software imho has proven feasible.

The *SatTrackCam* experiment has shown that even from a strongly urban, light-polluted environment, this simple equipment can be quite productive, with 252 positions determined and reported in a 15 month timespan.

On average, the observations appear to satisfy the demand that *delta* T remains < 0.1 seconds and the *cross-track error* < 0.03 degrees. The results of SatTrackCam can therefore be judged to be accurate enough for analytical use.

SatTrackCam can successfully target objects which can become brighter than magnitude +3.5. Basically, these are (as far as classified objects are concerned) the *Lacrosses*, the *KH-12 Keyholes* and the Japanese *IGS*, as well as some rocket stages from classified launches (e.g. *Lacrosse 5 Rk*). If anyone has suggestions for additional bright objects that might be worthwhile to target besides those mentioned in the table on page 6, please let me know.

SatTrackCam will certainly continue to operate. Besides the regular program on classified objects, plans are to continue the occasional coverage of unclassified objects for accuracy tests too.

A change of equipment is not imminent at Cospar 4353, as current finances do not allow that. For the distant future however, an upgrade in camera and perhaps the addition of a low-light-level video system are things being considered.

Acknowledgements

The author wishes to thank *Casper ter Kuile* for donating the Canon Digital Ixus 400 camera which is the backbone of SatTrackCam, and *Marc de Lignie* for his help with ASTRORECORD. I also want to thank *Ted Molczan* for his helpful comments regarding the data accuracy in August 2005, and *Scott Campbell* for providing very useful analytical software and feedback on various related points. The Lacrosse flare predictions by *Phillip Masding* are highly appreciated. Last but not least, I thank my fellow satellite trackers for various contacts, especially *Greg Roberts, Bram Dorreman* and *Pierre Neirinck*.

References

DE LIGNIE, M., 1997: Astro Record 3.0. Radiant (J. Dutch Meteor Society) 19:2, p.28-30.

Resources - SatTrackCam

SatTrackCam website:	http://home.wanadoo.nl/marco.langbroek/satcam.html
SatTrackCam station log:	http://sattrackcam.blogspot.com
SatTrackCam obtained data:	http://home.wanadoo.nl/marco.langbroek/OBSENTRY.txt

Resources - software used

ASTRORECORD 3.2:	http://www.xs4all.nl/~biko/dmsweb/astrorec32/
Scott Campbell's software:	http://www.coastalbend.edu/acdem/math/sats/index.htm
Stephen Fels' SatHunt:	http://fathom.org/Stephen/sathunt.html
Willy Koorts' Extract:	http://www.saao.ac.za/~wpk/#software

Resources - TLE's

McCants' classified TLE's:	http://www.io.com/~mmccants/tles/index.html
SSC Space-Track:	http://www.space-track.org/

Resources - other

SeeSat list archives:	http://www.satobs.org/seesat/seesatindex.html#Arch
Lacrosse flares (Masding):	http://www.zen32156.zen.co.uk/lacrosse.htm

Appendix 1: Accuracy calibration results on unclassified satellites (table, 2 pages)

This Appendix has been removed from the public version due to SSC Space-Track User Agreement restrictions that prohibit dissemination of data used in this analysis

Appendix 2: Observational data August 2005 - October 2006 (table, 5 pages)

Table of 252 positions in IOD format reported by *SatTrackCam* over the timespan August 2005 - October 2006. August 2005 positions might still suffer from time calibration issues. For the URL to an electronic version of the table, see section *resources* on page 13. An explanation of the IOD data format can be found at: http://www.satobs.org/position/IODformat.html

Location	Cospar	4352,	52 09'	32.2"	N, 42	29'	19	.8" E (WGS84),	+5 m	ASL	
28646 05 28646 05								1703581+088770 1719334+069010			10 10
28646 05								1813542+19558			
28646 05			G 20050					1830446+16760			
27699 03 27699 03	009B 009B		3 20050 3 20050					1720391-02081 1710221+01594			
27699 03	0000	1350 T	20050	016210	130000	17	75	2224283+27743	156	ST020	10
	009B 009B		20050					2237005+34050			10
	009A							1824173+15967		+030	
27698 03 21147 91	009A 017A							1810132+21880 2323550+31487		+030	
	017A		20050					2322578+26962		S+025	
27698 03	009A	4352 E	20050	817211	730800	17	75	2106410+28059	0 56	+030	10
21147 91	017A	4352 B	20050	822203	800800	17	75	2236173+36002	056	S+020	10
	017A		20050					2234533+31310		S+020 E+020	10
27699 03 21147 91								1959250+39317 1928437+24737			
26472 00	0473	40E0 T	- 20050	0 2 0 2 0 2	C00000	1 7	75	0150077.15100		01000	1.0
26473 00 26473 00			7 20050 7 20050					2152377+15132 2208036+17997		S+020 S+020	10 10
26473 00			20050					2328281+29561		S+020	
26473 00								2346312+31460		S+020	10
24680 96 24680 96			7 20050 7 20050			17 17		2147274+33093 2150185+37227			
		4050 -		000104	110000	1 -		0101005 115100			1.0
26473 00 26473 00			20050					2101235+15138 2115468+17981		I+025 I+015	
25544 98								1900355+26339		S-030	
25544 98			20050			17		1952060+28285			10
25544 98 26473 00			20050 20050 20050			17		2321209+22723 0712098+41997			10
26473 00								0705348+37903			10
26473 00	047A	4352 E	3 20050	905191	350800	17	75	2041324+16334	056	X+000	10
24680 96	072A	4352 B	20050	908203	600800	17		2115492+28786		I+020	10
	072A 072A	4352 H 4352 H			611500 640800			2114396+32627 2110235+44008			10 10
24000 90	072A	4332 1	20030	900203	040000	1/	15	2110255+440080	5 50	1+030	TO
	072A	4352 H				17		2059581+34054			10
24680 96	072A	4352 1	20050	912204	321300	1/	15	2056286+37970	J 30	5+030	10
25017 97								2037324+12263		S+025	
25017 97 24680 96	064A 072a	4352 E	3 20050 3 20050		351800		75 75	2056576+14574 2340480+30558			10 10
24680 96								2345511+33644			10
24680 96								2223264+32402			
24680 96 24680 96								2224010+362460 2043166+292330			
24680 96								2036576+32941			
25017 97	064A	4352	20051	007182	501100	17	75	2208384+38930	0 56		
26473 00 26473 00								2348394+40092 2348254+35178			
26473 00								2348331+21460			

New location Co	spar 4353.	52 09' 14.8" N	. 4 29	' 26.9" E (WGS84)	, +0 m ASL
	,opur 1999,	52 05 11.0 A	, 1 23	20.0 2 (10001)	,
28647 05 016B				2317245+783330 5	
28647 05 016B 28646 05 016A)60224193921800)60304202636100	17 75 17 75		6 R+025 10 6 +010 10
28646 05 016A		060304202646800	17 75		6 +005 10
28647 05 016B		60306191716100		0543367+600380 5	
28647 05 016B	4353 G 200	060306191726800	17 75	0636178+571490 5	6 I+020 10
28646 05 016A	4353 G 200	060311191401100	17 75	0238487+666620 5	6 I+015 10
28646 05 016A	4353 G 200	60311191411800	17 75	0255367+715550 5	6 I+015 10
28646 05 016A			17 75	0604590+836850 5	
28646 05 016A 21147 91 017A)60311191451800)60312193606100	17 75 17 75	0922497+837890 5 1001144+643000 5	
21147 91 017A		060312193616800	17 75		6 S+025 10
28646 05 016A	4353 P 200	60312200146100	17 75	0117082+570660 5	6 S+020 10
28646 05 016A		60312200156800	17 75	0114017+608570 5	
28646 05 016A 28646 05 016A)60313190731100)60313190741800	17 75 17 75	0110535+651120 5 0109420+698020 5	
28646 05 016A 28646 05 016A		60313205011100	17 75		6 S+015 10
28646 05 016A		60313205021800	17 75	0201545+632920 5	6 S+015 10
28646 05 016A		60313205056100	17 75		6 S+015 10
28646 05 016A	4353 B 200	060313205106800	17 75	0242497+812300 5	6 S+015 10
28646 05 016A	4353 G 200	060320193631100	17 75	0220427+541020 5	6 S+020 10
28646 05 016A	4353 G 200	60320193641800	17 75	0238235+567200 5	6 S+020 10
28646 05 016A			17 75		6 S+020 10
28646 05 016A 28646 05 016A)60320193746800)60320193826100	17 75 17 75		6 S+020 10 6 S+015 10
28646 05 016A 28646 05 016A		60320193826100	17 75 17 75		6 S+015 10 6 S+015 10
20010 00 01011	1000 0 200		1, ,0	0001021.0000000	0 0.010 10
26473 00 047A	4353 P 200	060322195001100	17 75	0955113+244020 5	6 M+000 10
24680 96 072A	4353 G 200	60328203031100	17 75	1135096+530520 5	6 S+025 10
24680 96 072A	4353 G 200	060328203041800	17 75	1144060+594490 5	6 S+025 10
24680 96 072A	1353 C 200	060401205351100	17 75	0802211+564750 5	6 S+025 10
24680 96 072A		60401205351100	17 75		6 S+025 10
24680 96 072A			17 75		6 S+025 10
24680 96 072A		60401205446800	17 75		6 S+025 10
24680 96 072A 24680 96 072A)60401205516100)60401205526800	17 75 17 75		6 S+030 10 6 S+030 10
24000 90 072A	4333 G 200	100401203320000	1//5	0209405+095100 5	0 5+050 10
28888 05 042A	4353 F 200	60404201301100	17 75	1452494+468570 5	6 I+035 10
24680 96 072A			17 75		6 S+025 10
24680 96 072A 27699 03 009B)60404204746800)60405210936100	17 75	0525127+784880 5 1800118+682040 5	6 S+025 10 6 E+015 10
27000 00 00000	4555 F 200	00403210930100	17 75	10001101002040 3	0 E1015 10
28888 05 042A				1354247+449950 5	
28888 05 042A 24680 96 072A				1419410+518310 5 0504194+599630 5	
27699 03 009B				0445353+796510 5	
27699 03 009B	4353 F 200	60408213306800	17 75	0301036+770810 5	6 S+015 10
25017 97 064A	4252 C 200	0.0000001500100	17 75	1039593+312830 5	6 91020 10
25017 97 064A 25017 97 064A				1106091+347460 5	
27699 03 009B				1152370+569240 5	
27699 03 009B				1123485+655640 5	
27699 03 009B				0611029+796790 5	
27699 03 009B 28647 05 016B				0426504+773040 5 1406156+759010 5	
28647 05 016B 28647 05 016B				1533158+747530 5	
07.000 00 000					
27699 03 009B				1210125+563360 5	
27699 03 009B 27699 03 009B				1142048+650670 5 0540578+790610 5	
27699 03 009B				0417314+761270 5	
24680 96 072A	4353 T 200	60503203651100	17 75	1219432+555820 5	6
24680 96 072A	4353 T 200	060503203701800	17 75	1214410+595510 5	6
25017 97 064A	4353 B 200	060509203446100	17 75	1047194+855950 5	6 S+020 10
25017 97 064A				1427372+830970 5	
25017 97 064A	4353 F 200	060510210401100	17 75	1019091+628620 5	6 S+025 10

* SatTrackCam Report no. 1 - The First 15 Months *

25017 97 064A							
	4353 F 2	20060510210411800	17 75	1111310+625710	56	S+025	10
27699 03 009B			17 75	1247557+534840			10
						S+015	
27699 03 009B	4353 F 2	20060510213231800	17 75	1224146+623490	56	S+015	10
27699 03 009B	4353 F 2	20060510213311100	17 75	0649413+795940	56	S+025	10
27699 03 009B	4353 F 2	20060510213321800	17 75	0508523+770830	56	S+025	10
28647 05 016B		20060510214401800	17 75	1259398+575420	56	S+030	10
21147 91 017A	4353 F 2	20060510220546100	17 75	1022120+535520	56	S+025	10
21147 91 017A	4353 F 2	20060510220556800	17 75	1021067+595660	56	S+025	10
17590 87 027B	4353 F 2	20060510213221100	17 75	1500077+663530	56	S+025	10
17590 87 027B	4353 F 2	20060510213231800	17 75	1506583+614420	56	S+025	10
07600 02 0005	4050 -		17 75	110706-040600	БĊ	a	1.0
27699 03 009B			17 75	1127365+249680		S+020	10
27699 03 009B	4353 F 2	20060525215546800	17 75	1105482+301870	56	S+020	10
28646 05 016A	4353 F 2	20060525220336100	17 75	1027523+823720	56	S+020	10
		20060525220346800		1314545+848060	56	S+020	10
28646 05 016A	4353 F 2	20060525220421100	17 75	1832218+726910	56	S+020	10
28646 05 016A	4353 F 2	20060525220431800	17 75	1850079+676020	56	S+020	10
27699 03 009B	1252 0 0	20060603213236100	17 75	1408379+594710	56	S+020	10
27699 03 009B	4353 G 2	20060603213246800	17 75	1335072+678410	56	S+020	10
21147 91 017A	4353 8 3	20060610215446100	17 75	1452540+682310	56	+000	10
21147 91 017A		20060610215456800	17 75	1535046+632030	56	+020	10
27699 03 009B	4353 F 2	20060611213231100	17 75	1454593+534100	56	S+020	10
27699 03 009B		20060611213241800	17 75	1431134+623220	56	S+020	10
27699 03 009B			17 75	1006026+799350		S+025	10
21147 91 017A	4353 F 2	20060611222011100	17 75	1302406+275950	56	S+030	10
21147 91 017A	4353 F 2	20060611222021800	17 75	1322442+245020	56	S+030	10
		20060611222111100					
21147 91 017A			17 75	1439305+091380		S+030	10
21147 91 017A	4353 F 2	20060611222121800	17 75	1452521+059710	56	S+030	10
26473 00 047A	4353 G 2	20060612235846100	17 75	2001502+222480	56	S+025	10
26473 00 047A			17 75	2019475+253590	56	S+025	10
		20060612235856800					
26473 00 047A	4353 G 2	20060612235931100	17 75	2123326+337620	56	S+025	10
26473 00 047A	4353 G 2	20060612235941800	17 75	2144163+356500	56	S+025	10
0.0470.00.0477	4050 - 0		10 00	1 5 3 3 4 9 4 6 5 3 6 6 9		a . 0.0 F	1.0
26473 00 047A	4353 F 2	20060617234036800	17 75	1530348+653660	56	S+025	10
26473 00 047A	4353 F 2	20060617234121100	17 75	2005574+853750	56	S+020	10
26473 00 047A	4353 F 2	20060617234131800	17 75	2335132+840280	56	S+020	10
23728 95 066A		20060618010611100	17 75	0157086+791510	56	+030	10
23728 95 066A	4353 F 2	20060618010621800	17 75	0322139+795420	56	-020	10
26473 00 047A	4353 G 2	20060619231256100	17 75	1452511+597790	56	S+030	10
26473 00 047A		20060619231256100	17 75	1452511+597790	56 56	S+030	10
26473 00 047A	4353 G 2	20060619231306800	17 75	1500466+657740	56	S+030	10
	4353 G 2						
26473 00 047A	4353 G 2 4353 G 2	20060619231306800	17 75	1500466+657740	56	S+030	10
26473 00 047A 26473 00 047A 26473 00 047A	4353 G 2 4353 G 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800	17 75 17 75 17 75	1500466+657740 1941434+862600 2341470+845600	56 56 56	S+030 S+025 S+025	10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A	4353 G 2 4353 G 2 4353 G 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100	17 75 17 75 17 75 17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840	56 56 56 56	S+030 S+025 S+025 I+030	10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A	4353 G 2 4353 G 2 4353 G 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800	17 75 17 75 17 75	1500466+657740 1941434+862600 2341470+845600	56 56 56	S+030 S+025 S+025	10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A	4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100	17 75 17 75 17 75 17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840	56 56 56 56	S+030 S+025 S+025 I+030	10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A	4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100	17 75 17 75 17 75 17 75 17 75 17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320	56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030	10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A	4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100	17 75 17 75 17 75 17 75 17 75 17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320	56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030	10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A	4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800	17 75 17 75 17 75 17 75 17 75 17 75 17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870	56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030	10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A	4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100	17 75 17 75 17 75 17 75 17 75 17 75 17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870	56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030	10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A	4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800	17 75 17 75 17 75 17 75 17 75 17 75 17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870	56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030	10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B	4353 G 2 4353 B 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800	17 75 17 75 17 75 17 75 17 75 17 75 17 75 17 75 17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250	56 56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025	10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B	4353 G 2 4353 B 2 4353 B 2 4353 P 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235901100	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340	56 56 56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020	10 10 10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B	4353 G 2 4353 B 2 4353 B 2 4353 P 2 4353 P 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235901100 20060630235911800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960	56 56 56 56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020	10 10 10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A	4353 G 2 4353 B 2 4353 B 2 4353 P 2 4353 P 2 4353 P 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235901100 20060630235911800 200606701004711100	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220	56 56 56 56 56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+025	10 10 10 10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B	4353 G 2 4353 B 2 4353 B 2 4353 P 2 4353 P 2 4353 P 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235901100 20060630235911800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220	56 56 56 56 56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+025	10 10 10 10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A	4353 G 2 4353 B 2 4353 B 2 4353 P 2 4353 P 2 4353 P 2 4353 P 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235901100 20060630235911800 20060630235911800 20060701004711100	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650	56 56 56 56 56 56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+020 S+020 S+020	10 10 10 10 10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 25017 97 064A	4353 G 2 4353 B 2 4353 P 2 4353 P 2 4353 P 2 4353 P 2 4353 P 2 4353 C 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060627213256800 20060630235901100 20060630235911800 20060630235911800 20060701004711100 20060701004721800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260	56 566 56656 56656 566556 5665556 5665556	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+020 S+020 S+020	10 10 10 10 10 10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 25017 97 064A 25017 97 064A 25017 97 064A	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060627213256800 20060630235901100 20060630235911800 20060630235911800 20060701004711100 20060701004721800 20060701233416100	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530	56 56 56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+020 S+020 S+020 S+020	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 25017 97 064A	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060627213256800 20060630235901100 20060630235911800 20060630235911800 20060701004711100 20060701004721800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530	56 56 56 56 56 56 56 56	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+020 S+020 S+020 S+020	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 25017 97 064A 25017 97 064A	4353 G 2 4353 B 2 4353 P 2 4353 P 2 4353 P 2 4353 P 2 4353 P 2 4353 G 2 4353 G 2 4353 G 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060627213256800 20060630235901100 20060630235911800 20060701004711100 20060701004721800 20060701233426800 20060701233426800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530 2040408+431180	56 56 56 56 56 56 56 56	<pre>s+030 s+025 s+025 I+030 I-020 s+030 s+030 s+025 s+020 s+020 s+020 s+020 s+020 s+020 s+020</pre>	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619231256100 20060619231256100 20060619231306800 20060630235901100 20060630235911800 20060701004711800 20060701233416100 20060701233501100 20060701233501100	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530 2040408+431180 2113182+439130	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<pre>s+030 s+025 s+025 I+030 I-020 s+030 s+025 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020</pre>	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 27699 03 009B 28647 05 016B 25017 97 064A	4353 G 2 4353 B 2 4353 B 2 4353 P 2 4353 P 2 4353 P 2 4353 P 2 4353 G 2	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619231256100 20060619231256100 20060619231306800 20060627213256800 20060630235901100 20060701004711100 20060701004711800 20060701233416100 20060701233426800 20060701233501100 20060701233501100	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 2040408+431180 2113182+439130 1815326+508440	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<pre>s+030 s+025 s+025 I+030 I-020 s+030 S+030 S+025 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+021</pre>	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 27699 03 009B 28647 05 016B 25017 97 064A 25017 97 064A <t< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235901100 20060701004711100 20060701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 20060701233511800</td><td>17 75 17 75</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430</td><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td><pre>s+030 s+025 s+025 l+030 s+030 s+030 s+025 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+021 s+020 s+021 s+021 s+021 s+025 s+020 s+030 s+020 s+000 s</pre></td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></t<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235901100 20060701004711100 20060701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 20060701233511800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<pre>s+030 s+025 s+025 l+030 s+030 s+030 s+025 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+021 s+020 s+021 s+021 s+021 s+025 s+020 s+030 s+020 s+000 s</pre>	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 27699 03 009B 28647 05 016B 25017 97 064A	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235901100 20060701004711100 20060701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 20060701233511800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<pre>s+030 s+025 s+025 l+030 s+030 s+030 s+025 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+021 s+020 s+021 s+021 s+021 s+025 s+020 s+030 s+020 s+000 s</pre>	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 25017 97 064A <t< td=""><td>4353 G Z 4353 B Z 4353 B Z 4353 P Z 4353 P Z 4353 P Z 4353 G Z</td><td>20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231256100 20060619231306800 20060630235901100 20060630235901100 2006070100471100 20060701004721800 20060701233416100 20060701233501100 20060701233511800 20060702000651800 20060702000651800</td><td>17 75 17 75</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 204408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130</td><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td><pre>s+030 s+025 s+025 l+030 l-020 s+030 s+030 s+025 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020</pre></td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></t<>	4353 G Z 4353 B Z 4353 B Z 4353 P Z 4353 P Z 4353 P Z 4353 G Z	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231256100 20060619231306800 20060630235901100 20060630235901100 2006070100471100 20060701004721800 20060701233416100 20060701233501100 20060701233511800 20060702000651800 20060702000651800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 204408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<pre>s+030 s+025 s+025 l+030 l-020 s+030 s+030 s+025 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020</pre>	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 27699 03 009B 28647 05 016B 25017 97 064A 25017 97 064A <t< td=""><td>4353 G Z 4353 B Z 4353 B Z 4353 P Z 4353 P Z 4353 P Z 4353 G Z</td><td>20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235901100 20060701004711100 20060701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 20060701233511800</td><td>17 75 17 75</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 204408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130</td><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td><pre>s+030 s+025 s+025 l+030 l-020 s+030 s+030 s+025 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020</pre></td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></t<>	4353 G Z 4353 B Z 4353 B Z 4353 P Z 4353 P Z 4353 P Z 4353 G Z	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235901100 20060701004711100 20060701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 20060701233511800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 204408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<pre>s+030 s+025 s+025 l+030 l-020 s+030 s+030 s+025 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020 s+020</pre>	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 25017 97 064A	4353 G Z 4353 B Z 4353 P Z 4353 P Z 4353 P Z 4353 P Z 4353 G Z	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231256100 20060627213256800 20060630235901100 2006070100471100 20060701004711100 20060701233416100 20060701233416100 20060701233511800 20060701233511800 20060702000641100 20060702000651800 20060702000746800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530 204008+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290	56 55 <td< td=""><td>S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+020 S+020 S+020 S+020 S+020 S+020 S+015 S+015 S+020 S+020</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></td<>	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+020 S+020 S+020 S+020 S+020 S+020 S+015 S+015 S+020 S+020	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 25017 97 064A <t< td=""><td>4353 G Z 4353 B Z 4353 P Z 4353 P Z 4353 P Z 4353 P Z 4353 G Z</td><td>20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231256100 20060619231306800 20060630235901100 20060630235901100 2006070100471100 20060701004721800 20060701233416100 20060701233501100 20060701233511800 20060702000651800 20060702000651800</td><td>17 75 17 75</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530 204008+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290</td><td>56 55 <td< td=""><td>S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+020 S+020 S+020 S+020 S+020 S+020 S+015 S+015 S+020 S+020</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></td<></td></t<>	4353 G Z 4353 B Z 4353 P Z 4353 P Z 4353 P Z 4353 P Z 4353 G Z	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231256100 20060619231306800 20060630235901100 20060630235901100 2006070100471100 20060701004721800 20060701233416100 20060701233501100 20060701233511800 20060702000651800 20060702000651800	17 75 17 75	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530 204008+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290	56 55 <td< td=""><td>S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+020 S+020 S+020 S+020 S+020 S+020 S+015 S+015 S+020 S+020</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></td<>	S+030 S+025 S+025 I+030 I-020 S+030 S+030 S+025 S+020 S+020 S+020 S+020 S+020 S+020 S+020 S+020 S+015 S+015 S+020 S+020	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 2647 05 016B 28647 05 016B 28647 05 016B <tr< td=""><td>4353 G Z 4353 B Z 4353 P Z 4353 P Z 4353 G Z</td><td>20060619231306800 20060619231351100 20060619231401800 20060619231256100 20060619232206800 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060701004721800 20060701233416100 20060701233416100 20060701233501100 20060701233511800 20060702200641100 20060702000651800 20060702000736100 20060702000746800</td><td>17 75 17 <</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390</td><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+021 S+022 S+020 S+021 S+022 S+025</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></tr<>	4353 G Z 4353 B Z 4353 P Z 4353 P Z 4353 G Z	20060619231306800 20060619231351100 20060619231401800 20060619231256100 20060619232206800 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060701004721800 20060701233416100 20060701233416100 20060701233501100 20060701233511800 20060702200641100 20060702000651800 20060702000736100 20060702000746800	17 75 17 <	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+021 S+022 S+020 S+021 S+022 S+025	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 28647 05 016B 28647 05 016B <t< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235911800 20060701004721800 20060701233416100 20060701233416100 20060701233501100 20060701233511800 20060702000651800 20060702000736100 20060702000746800 20060702000746800</td><td>17 75 17 <</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460</td><td>5666666666666666666666666666666666666</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+025</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></t<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235911800 20060701004721800 20060701233416100 20060701233416100 20060701233501100 20060701233511800 20060702000651800 20060702000736100 20060702000746800 20060702000746800	17 75 17 <	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2038350+563460 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 1900058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460	5666666666666666666666666666666666666	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+025	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 2647 05 016B 28647 05 016B <tr< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619231256100 20060619231256100 20060619231306800 20060627213256800 20060630235911800 20060701004711800 20060701004721800 20060701233416100 20060701233501100 20060701233511800 20060702300651800 20060702000651800 20060702000746800 20060702000746800 200607123251100 2006071232401800</td><td>17 75 17 <</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+75650 1833091+331260 1900058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460 0124377+620690</td><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+025 S+030</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></tr<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619231256100 20060619231256100 20060619231306800 20060627213256800 20060630235911800 20060701004711800 20060701004721800 20060701233416100 20060701233501100 20060701233511800 20060702300651800 20060702000651800 20060702000746800 20060702000746800 200607123251100 2006071232401800	17 75 17 <	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+75650 1833091+331260 1900058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460 0124377+620690	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+025 S+030	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 2647 05 016B 28647 05 016B <tr< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235911800 20060701004721800 20060701233416100 20060701233416100 20060701233501100 20060701233511800 20060702000651800 20060702000736100 20060702000746800 20060702000746800</td><td>17 75 17 <</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+75650 1833091+331260 1900058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460 0124377+620690</td><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+025 S+030</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></tr<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619232206800 20060619231256100 20060619231306800 20060627213256800 20060630235911800 20060701004721800 20060701233416100 20060701233416100 20060701233501100 20060701233511800 20060702000651800 20060702000736100 20060702000746800 20060702000746800	17 75 17 <	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+75650 1833091+331260 1900058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460 0124377+620690	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+025 S+030	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 2647 05 016B 28647 05 016B <tr< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619231256100 20060619231256100 20060619231306800 20060627213256800 20060630235911800 20060701004711800 20060701004721800 20060701233416100 20060701233501100 20060701233511800 20060702300651800 20060702000651800 20060702000746800 20060702000746800 200607123251100 2006071232401800</td><td>17 75 17 <</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 204010+763220 2220192+756650 1833091+331260 190058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460 0124377+620690 1343523+364810</td><td>56666666 5555555 555555555555555555</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+025 S+020 S+025 S+030</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></tr<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 20060619232156100 20060619231256100 20060619231256100 20060619231306800 20060627213256800 20060630235911800 20060701004711800 20060701004721800 20060701233416100 20060701233501100 20060701233511800 20060702300651800 20060702000651800 20060702000746800 20060702000746800 200607123251100 2006071232401800	17 75 17 <	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 1221226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 204010+763220 2220192+756650 1833091+331260 190058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460 0124377+620690 1343523+364810	56666666 5555555 555555555555555555	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+025 S+020 S+025 S+030	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 28647 05 016B 28017 97 064A <t< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235911800 200606701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 20060702000651800 2006071232351100 2006071232401800 2006071232441800 20060712215616100 20060712215626800</td><td>17 75 17 <</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 121226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460 0124377+620690 1343523+364810 1315451+407210</td><td>56666666 5555555 555555555555555555</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></t<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235911800 200606701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 20060702000651800 2006071232351100 2006071232401800 2006071232441800 20060712215616100 20060712215626800	17 75 17 <	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 121226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460 0124377+620690 1343523+364810 1315451+407210	56666666 5555555 555555555555555555	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 28647 05 016B 28647 05 016B <t< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235901100 20060701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 200607123251100 20060711232401800 20060712215616100 20060712215626800 20060712215701100</td><td>17 75 17 <</td><td>1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 121226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460 0302473+813460 0302473+813460 03124377+620690 1343523+364810 1315451+407210</td><td>55555555555555555555555555555555555555</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></t<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235901100 20060701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 200607123251100 20060711232401800 20060712215616100 20060712215626800 20060712215701100	17 75 17 <	1500466+657740 1941434+862600 2341470+845600 2028307+512840 2028307+512840 121226+707320 1115319+738870 1459362+696250 1915065+255340 1949158+292960 2043010+763220 2220192+756650 1833091+331260 190058+362530 2040408+431180 2113182+439130 1815326+508440 1907355+558430 2316499+564130 2352094+535290 0515518+846390 0302473+813460 0302473+813460 0302473+813460 03124377+620690 1343523+364810 1315451+407210	55555555555555555555555555555555555555	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 28647 05 016B 28647 05 016B <t< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060619231256100 20060630235901100 20060630235901100 20060630235911800 20060701004711100 20060701233416100 20060701233501100 20060701233511800 20060701233511800 200607122351100 20060711232401800 20060712215616100 20060712215626800 20060712215711800</td><td>17 75 17 <</td><td>$\begin{array}{r} 1500466+657740\\ 1941434+862600\\ 2341470+845600\\ 2028307+512840\\ 2028307+512840\\ 2038350+563460\\ 1221226+707320\\ 1115319+738870\\ 1459362+696250\\ 1915065+255340\\ 1949158+292960\\ 2043010+763220\\ 2220192+756650\\ 1833091+331260\\ 1900058+362530\\ 204048+431180\\ 210058+362530\\ 204048+431180\\ 2113182+439130\\ 1815326+508440\\ 1907355+558430\\ 2316499+564130\\ 2352094+535290\\ 0515518+846390\\ 0302473+813460\\ 0124377+620690\\ 134523+364810\\ 1315451+407210\\ 139122+493640\\ 1109240+505350\\ \end{array}$</td><td>56666666 5555555 555555555555555555</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030 S+030 S+030</td><td>10 10 10 10 10 10 10 10 10 10</td></t<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060619231256100 20060630235901100 20060630235901100 20060630235911800 20060701004711100 20060701233416100 20060701233501100 20060701233511800 20060701233511800 200607122351100 20060711232401800 20060712215616100 20060712215626800 20060712215711800	17 75 17 <	$\begin{array}{r} 1500466+657740\\ 1941434+862600\\ 2341470+845600\\ 2028307+512840\\ 2028307+512840\\ 2038350+563460\\ 1221226+707320\\ 1115319+738870\\ 1459362+696250\\ 1915065+255340\\ 1949158+292960\\ 2043010+763220\\ 2220192+756650\\ 1833091+331260\\ 1900058+362530\\ 204048+431180\\ 210058+362530\\ 204048+431180\\ 2113182+439130\\ 1815326+508440\\ 1907355+558430\\ 2316499+564130\\ 2352094+535290\\ 0515518+846390\\ 0302473+813460\\ 0124377+620690\\ 134523+364810\\ 1315451+407210\\ 139122+493640\\ 1109240+505350\\ \end{array}$	56666666 5555555 555555555555555555	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030 S+030 S+030	10 10 10 10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 28647 05 016B 28647 05 016B <t< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235901100 20060701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 200607123251100 20060711232401800 20060712215616100 20060712215626800 20060712215701100</td><td>17 75 17 <</td><td>$\begin{array}{r} 1500466+657740\\ 1941434+862600\\ 2341470+845600\\ 2028307+512840\\ 2028307+512840\\ 2038350+563460\\ 1221226+707320\\ 1115319+738870\\ 1459362+696250\\ 1915065+255340\\ 1949158+292960\\ 2043010+763220\\ 2220192+756650\\ 1833091+331260\\ 1900058+362530\\ 204048+431180\\ 210058+362530\\ 204048+431180\\ 2113182+439130\\ 1815326+508440\\ 1907355+558430\\ 2316499+564130\\ 2352094+535290\\ 0515518+846390\\ 0302473+813460\\ 0124377+620690\\ 134523+364810\\ 1315451+407210\\ 139122+493640\\ 1109240+505350\\ \end{array}$</td><td>56666666 5555555 555555555555555555</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030 S+030 S+030</td><td>10 10 10 10 10 10 10 10 10 10</td></t<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235901100 20060701004711100 20060701233416100 20060701233501100 20060701233501100 20060701233511800 200607123251100 20060711232401800 20060712215616100 20060712215626800 20060712215701100	17 75 17 <	$\begin{array}{r} 1500466+657740\\ 1941434+862600\\ 2341470+845600\\ 2028307+512840\\ 2028307+512840\\ 2038350+563460\\ 1221226+707320\\ 1115319+738870\\ 1459362+696250\\ 1915065+255340\\ 1949158+292960\\ 2043010+763220\\ 2220192+756650\\ 1833091+331260\\ 1900058+362530\\ 204048+431180\\ 210058+362530\\ 204048+431180\\ 2113182+439130\\ 1815326+508440\\ 1907355+558430\\ 2316499+564130\\ 2352094+535290\\ 0515518+846390\\ 0302473+813460\\ 0124377+620690\\ 134523+364810\\ 1315451+407210\\ 139122+493640\\ 1109240+505350\\ \end{array}$	56666666 5555555 555555555555555555	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030 S+030 S+030	10 10 10 10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 25017 97 064A <t< td=""><td>4353 G Z 4353 P Z 4353 P Z 4353 P Z 4353 G Z</td><td>20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235901100 200606701004721800 20060701233416100 20060701233501100 20060702000641100 20060702000746800 2006071223511800 20060702000746800 200607122351100 200607122351100 200607122351100 200607122351100 200607122351100 20060712215616100 20060712215711800 20060712215711800 20060712215711800 20060712215711800 20060712215711800 20060712215711800</td><td>17 75 17 <</td><td>$\begin{array}{c} 1500466+657740\\ 1941434+862600\\ 2341470+845600\\ 2028307+512840\\ 2038350+563460\\ 1221226+707320\\ 1115319+738870\\ 1459362+696250\\ 1915065+255340\\ 1949158+292960\\ 2043010+763220\\ 2220192+756650\\ 1833091+331260\\ 1900058+362530\\ 2040408+431180\\ 2113182+439130\\ 1815326+508440\\ 1907355+558430\\ 2352094+535290\\ 0515518+846390\\ 0302473+813460\\ 0124377+620690\\ 134523+364810\\ 1315451+407210\\ 1139122+493640\\ 1109240+505350\\ 0832494+839130\\ \end{array}$</td><td>55555555555555555555555555555555555555</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030 S+030 S+030 S+030 S+030 S+030</td><td>10 10 10 10 10 10 10 10 10 10 10 10 10 1</td></t<>	4353 G Z 4353 P Z 4353 P Z 4353 P Z 4353 G Z	20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235901100 200606701004721800 20060701233416100 20060701233501100 20060702000641100 20060702000746800 2006071223511800 20060702000746800 200607122351100 200607122351100 200607122351100 200607122351100 200607122351100 20060712215616100 20060712215711800 20060712215711800 20060712215711800 20060712215711800 20060712215711800 20060712215711800	17 75 17 <	$\begin{array}{c} 1500466+657740\\ 1941434+862600\\ 2341470+845600\\ 2028307+512840\\ 2038350+563460\\ 1221226+707320\\ 1115319+738870\\ 1459362+696250\\ 1915065+255340\\ 1949158+292960\\ 2043010+763220\\ 2220192+756650\\ 1833091+331260\\ 1900058+362530\\ 2040408+431180\\ 2113182+439130\\ 1815326+508440\\ 1907355+558430\\ 2352094+535290\\ 0515518+846390\\ 0302473+813460\\ 0124377+620690\\ 134523+364810\\ 1315451+407210\\ 1139122+493640\\ 1109240+505350\\ 0832494+839130\\ \end{array}$	55555555555555555555555555555555555555	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030 S+030 S+030 S+030 S+030 S+030	10 10 10 10 10 10 10 10 10 10 10 10 10 1
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 2647 05 016B 28647 05 016B 28647 05 016B 28647 05 016B 25017 97 064A 25017 97 064A <tr< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 20060619231256100 20060619232206800 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235911800 200606701004711100 20060701233416100 20060701233501100 20060701233511800 20060702000641100 20060702000736100 200607122351100 200607122351100 200607122351100 200607122351100 200607122351100 20060712215616100 20060712215616100 20060712215701100 20060712215711800 20060712215711800 20060712215711800 20060712215711800</td><td>17 75 17 <</td><td>$\begin{array}{c} 1500466+657740\\ 1941434+862600\\ 2341470+845600\\ 2028307+512840\\ 2038350+563460\\ 1221226+707320\\ 1115319+738870\\ 1459362+696250\\ 1915065+255340\\ 1949158+292960\\ 2043010+763220\\ 2220192+756650\\ 1833091+331260\\ 1900058+362530\\ 2040408+431180\\ 2113182+439130\\ 1815326+508440\\ 1907355+558430\\ 2316499+564130\\ 2352094+535290\\ 0515518+846390\\ 0302473+813460\\ 0124377+620690\\ 134523+364810\\ 0124377+620690\\ 134523+364810\\ 115451+407210\\ 1139122+493640\\ 1109240+505350\\ 0832494+839130\\ 0500130+847430\\ \end{array}$</td><td>566666666 5555555 5 5555555555555</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030 S+030 S+025 S+025</td><td>10 10 10 10 10 10 10 10 10 10</td></tr<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 20060619231256100 20060619232206800 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235911800 200606701004711100 20060701233416100 20060701233501100 20060701233511800 20060702000641100 20060702000736100 200607122351100 200607122351100 200607122351100 200607122351100 200607122351100 20060712215616100 20060712215616100 20060712215701100 20060712215711800 20060712215711800 20060712215711800 20060712215711800	17 75 17 <	$\begin{array}{c} 1500466+657740\\ 1941434+862600\\ 2341470+845600\\ 2028307+512840\\ 2038350+563460\\ 1221226+707320\\ 1115319+738870\\ 1459362+696250\\ 1915065+255340\\ 1949158+292960\\ 2043010+763220\\ 2220192+756650\\ 1833091+331260\\ 1900058+362530\\ 2040408+431180\\ 2113182+439130\\ 1815326+508440\\ 1907355+558430\\ 2316499+564130\\ 2352094+535290\\ 0515518+846390\\ 0302473+813460\\ 0124377+620690\\ 134523+364810\\ 0124377+620690\\ 134523+364810\\ 115451+407210\\ 1139122+493640\\ 1109240+505350\\ 0832494+839130\\ 0500130+847430\\ \end{array}$	566666666 5555555 5 5555555555555	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030 S+030 S+025 S+025	10 10 10 10 10 10 10 10 10 10
26473 00 047A 26473 00 047A 26473 00 047A 26934 01 044A 26934 01 044A 26934 01 044A 15331 84 105A 15331 84 105A 27699 03 009B 28647 05 016B 28647 05 016B 25017 97 064A 25017 97 064A <t< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235901100 200606701004721800 20060701233416100 20060701233501100 20060702000641100 20060702000746800 2006071223511800 20060702000746800 200607122351100 200607122351100 200607122351100 200607122351100 200607122351100 20060712215616100 20060712215711800 20060712215711800 20060712215711800 20060712215711800 20060712215711800 20060712215711800</td><td>17 75 17 <</td><td>$\begin{array}{c} 1500466+657740\\ 1941434+862600\\ 2341470+845600\\ 2028307+512840\\ 2038350+563460\\ 1221226+707320\\ 1115319+738870\\ 1459362+696250\\ 1915065+255340\\ 1949158+292960\\ 2043010+763220\\ 2220192+756650\\ 1833091+331260\\ 1900058+362530\\ 2040408+431180\\ 2113182+439130\\ 1815326+508440\\ 1907355+558430\\ 2316499+564130\\ 2352094+535290\\ 0515518+846390\\ 0302473+813460\\ 0124377+620690\\ 134523+364810\\ 0124377+620690\\ 134523+364810\\ 115451+407210\\ 1139122+493640\\ 1109240+505350\\ 0832494+839130\\ 0500130+847430\\ \end{array}$</td><td>566666666 5555555 5 5555555555555</td><td>S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030 S+030 S+025 S+025</td><td>10 10 10 10 10 10 10 10 10 10</td></t<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20060619231306800 20060619231351100 20060619231401800 2006061923156100 20060619232206800 20060619231256100 20060619231256100 20060619231256100 20060627213256800 20060630235901100 20060630235901100 200606701004721800 20060701233416100 20060701233501100 20060702000641100 20060702000746800 2006071223511800 20060702000746800 200607122351100 200607122351100 200607122351100 200607122351100 200607122351100 20060712215616100 20060712215711800 20060712215711800 20060712215711800 20060712215711800 20060712215711800 20060712215711800	17 75 17 <	$\begin{array}{c} 1500466+657740\\ 1941434+862600\\ 2341470+845600\\ 2028307+512840\\ 2038350+563460\\ 1221226+707320\\ 1115319+738870\\ 1459362+696250\\ 1915065+255340\\ 1949158+292960\\ 2043010+763220\\ 2220192+756650\\ 1833091+331260\\ 1900058+362530\\ 2040408+431180\\ 2113182+439130\\ 1815326+508440\\ 1907355+558430\\ 2316499+564130\\ 2352094+535290\\ 0515518+846390\\ 0302473+813460\\ 0124377+620690\\ 134523+364810\\ 0124377+620690\\ 134523+364810\\ 115451+407210\\ 1139122+493640\\ 1109240+505350\\ 0832494+839130\\ 0500130+847430\\ \end{array}$	566666666 5555555 5 5555555555555	S+030 S+025 S+025 I+030 I-020 S+030 S+025 S+020 S+030 S+030 S+030 S+030 S+025 S+025	10 10 10 10 10 10 10 10 10 10

00015	7 0 7	064B	1252 0	200	007	1000	101/	000	17	75	0102014 (70120	EC	01020	10
2301	1 91	064B	4353 G	200	1001	1222	TTT	00800	1/	15	0103214+678130	20	5+030	10
27699	2 0 3	009B	4353 G	200	1607	1321	3251	1100	17	75	1641050+613210	56	S+020	10
27699	9 03	009B	4353 G	200	0607	1321	3301	L800	17	75	1603197+695250	56	S+020	10
20045	7 OF	0100	1252 0	200	0007	1 2 2 2	FOF	1100	17	75	1922350+831500	ΕC	01000	10
28647	05	016B	4353 G	200	1001	1323	282-	LIUU	1/	75	1922350+831500	20	5+020	10
28647	7 05	016B	4353 G	200	1607	1323	5901	1800	17	75	2208547+783950	56	S+020	10
25017	7 97	064A	4353 G	200	0607	1400	2217	7100	17	75	1712158+629510	56	+020	10
														10
25017	1 91	064A	4353 G	200	0607	1400	222	/800	17	75	1804530+635810	56	M+000	10
25017	7 0 7	0647	4353 G	200	0607	1 1 2 2	1020	100	17	75	2212151 042070	БG	01020	10
2301	1 91	064A	4353 G	200	1001	1423	TUZ	5100	1/	15	2212151+843970	20	S+020	10
25017	7 97	064A	4353 G	200	1607	1/23	1030	5800	17	75	2310240+790630	56	S+020	10
20011	, ,,	OOHA							± /	15	23102401750050	50	51020	TO
28647	7 0.5	016B	4353 G	200	0607	1500	0646	5100	17	75	2026050+593240	56	S+020	10
28647	7 05	016B	4353 G	200	0607	1500	0656	5800	17	75	2116535+536310	56	S+020	10
0 - 0 1 -	- 07	0 6 4 7	1252 0	0.07	0 0 0 7	1 - 0 1	F 0 1 1	1100	17	75	0000571.017000	БC	a . 0 0 F	10
25017	1 91	064A	4353 G	200	1607	1271	2817	LIUU	17	75	0233571+817990	56	S+025	10
25017	7 97	064A	4353 G	200	1607	1521	5821	1800	17	75	0128151+776350	56	S+025	10
20625	5 90	046b	4353 G	200	0607	1521	5811	L100	17	75	2311598+766620	56	S+020	10
		0.4.61											a	10
20625	o 90	046b	4353 G	200	0607	1521	582.	L800	17	75	0004574+751040	56	S+020	10
27600	0.02	009B	4353 G	200	0607	1621	5620	000	17	75	1332576+405740	БG	S+025	10
2/093	05	0096	4555 G	200	0007	TOZI	5020	5000	Τ/	15	1332370+403740	50	37023	ΤU
25017	7 97	064A	4353 G	200	0607	1622	2731	1100	17	75	2220470+855060	56	S+025	10
25017	1 97	064A	4353 G	200	0607	1622	2741	L800	17	75	2303062+801450	56	S+025	10
26934	1 0 1	044A	4353 G	200	0607	1600	1 / 1 1	1100	17	75	2228163+484440	БG	01025	10
									17				S+035	
26934	1 01	044A	4353 G	200	0607	1623	1421	L800	17	75	2237250+522640	56	S+035	10
25017	7 97	064A	4353 G	200	1607	1821	444	1100	17	75	2254197+834750	56	S+020	10
25017	7 97	064A	4353 G	200	0607	1821	4451	L800	17	75	2300026+778930	56	S+020	10
25017	7 97	064A	4353 F	200	1607	2121	3124	5100	17	75	1936168+662940	56	S+025	10
25017	7 97	064A	4353 F	2.00	0607	2121	3130	5800	17	75	2012065+613670	56	S+025	10
27699	9 03	009B	4353 F	200	J607	2121	3246	001c	17	75	1730276+544160	56	S+020	10
2700	9 03	0000	4353 F	200	0007	0101	225	-000	17	75	170500000000	EC	S+020	10
27699	000	009B	4333 E	200	0007		3230	0000	17	15	1705269+632230	20	57020	ΤU
26473	3 00	047A	4353 F	200	0607	2122	4206	5100	17	75	2153012+632290	56	S+020	10
26473	3 00	047A	4353 F	200	0607	2122	4210	5800	17	75	2155084+572500	56	S+020	10
26473	3 00	047A	4353 G	200	0607	2322	1441	1100	17	75	2126197+599140	56	S+015	10
26473	3 00	047A	4353 G	200	0607	2322	145.	L800	17	75	2129257+538830	56	S+015	10
28646	5 0 5	016A	4353 P	2.00	0607	2.62.2	5831	1100	17	75	1833427+418610	56	+015	10
27699	9 03	009B	4353 P	200	1607	2821	5611	1100	17	75	1508055+323940	56	S+020	10
2/095	000	0096	4333 P	200	0007	2021	70T-	LIUU	Τ/	15	13000337323940	20	57020	ΤU
27699	9 03	009B	4353 P	200	1607	2821	5621	1800	17	75	1442024+372140	56	S+020	10
26473	3 00	047A	4353 P	200	0607	2821	5611	L100	17	75	1611026+272100	56	S+025	10
												ГC	a . 0 0 F	10
26473	3 00	047A	4353 P	200	1607	2821	562.	L800	17	75	1629348+240150	56	S+025	10
28646	5 05	016A	4353 P	200	0608	0301	1146	5100	17	75	2131070+597140	56	-010	10
28646	5 05	016A	4353 P	200	1608	0301	1126	0086	17	75	2214547+573210	56	-010	10
28646	5 05	016A	4353 G	2.00	0608	0623	1446	5100	17	75	1429262+603060	56	S+015	10
28646	5 05	016A	4353 G	200	0608	0623	1456	5800	17	75	1441209+638250	56	S+015	10
28646	5 05	016A	4353 G	200	1600	0622	152	5100	17	75	1638252+775050	56	+000	10
20040	5 05	AGIO	4333 G	200	0000	0023	T 2 2 6	00100	Τ/	15	1030232+773030	20	+000	ΤU
28646	5 05	016A	4353 G	2.00	0608	0623	1546	5800	17	75	1812437+800840	56	+010	10
28646	o 05	016A	4353 G	200	1608	0623	1641	LT00	17	75	0008173+639540	56	S+020	10
20616	05	0167	1252 0	200	0600	0622	1651		17	75	00240701500000	БG	01020	10
20046	, 05	016A	4333 G	200	0008	0023	T 0 2 1	1000	τ/	15	0024070+590090	20	57020	ΤŪ
21147	/ 91	017A	4353 F	200	1608	2620	T 001	LTOO	17	15	1301442+561650	56	S+030	10
21147	7 91	017A	4353 F	200	1608	2620	1611	1800	17	75	1241370+602510	56	S+030	10
21141	51	OTIA	1555 F	200		2020	T 0 T -	2000	± /	, ,	12413701002310	50	51050	τU
24000	0.00	0707	1252 -	200	1600	1000	051	100	17	75	2255554 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E C	01020	10
		072A									2355554+462420			
24680) 96	072A	4353 F	200	0609	1020	0.526	5800	17	75	0014197+507660	56	S+030	10
28888	3 05	042A	4353 F	200	0609	1021	1316	5100	17	75	1535302+562880	56	-010	10
		042A	1353 -	200	1600	1021	1324	5800	17	75	1513154+572640	56	+035	10
20005	05	042A	4333 F	200	1009	TOST	T 2 7 (00800	Τ/	15	1313134+572640	20	+035	TU
0000		0.40-	4050			1000	101		1 -		1 (11004) 55 4055			1.0
28888	3 05	042A	4353 F	200	1609	1821	1016	0080	17	15	1611084+554030	56	1+0.35	10
28888	3 05	042A	4353 G	200	0609	2020	194	L100	17	75	2318346+495220	56	S+035	10
28888	3 05	042A	4353 G	200	1609	2020	T 721	1800	17	15	2326595+542510	56	S+035	10
211/-	7 0 1	017A	1353 0	200	1600	2020	5001	1100	17	75	1257278+851610	56	S+0.25	10
21147	7 91	017A	4353 G	200	0609	2020	5011	1800	17	75	1914372+888670	56	S+025	10
28888	3 05	042A	4353 G	200	0609	2120	4341	L100	17	75	2020233+592310	56	I+035	10
28885	5 05	042A	4353 G	200	1003	2120	435.	1800	Τ/	15	2001298+639330	26	1+035	TU
28880	3 05	042A	4353 0	200	1600	2120	4434	5100	17	75	1643053+777830	56	T+025	10
28888	3 05	042A	4353 G	200	0609	2120	4446	0086	17	75	1523386+781740	56	I-020	10
21147	7 91	017A	4353 P	200	0609	2320	2601	1100	17	75	1909386+674270	56	S+020	10
21147	/ 91	017A	4353 P	200	0609	2320	2611	L800	17	75	1959538+636040	56	S+020	10
25017	7 97	064A	4353 P	200	0609	3019	4341	1100	17	75	1545151+650390	56	S+020	10
			1000 1	200					- '			20	2 020	

* SatTrackCam Report no. 1 - The First 15 Months *

Public Version

25017	97	064A	4353	Ρ	20060930194351800	17	75	1551295+704190	56	S+020	10
28647	05	016B	4353	Ρ	20060930194341100	17	75	1352254+727670	56	S+025	10
28647	05	016B	4353	Ρ	20060930194351800	17	75	1326036+775050	56	S+025	10
28647	05	016B	4353	G	20061008190501100	17	75	2257401+762230	56	S+025	10
28647	05	016B	4353	G	20061008190511800	17	75	2343559+709900	56	S+025	10
28647	05	016B	4353	G	20061008190546100	17	75	0040290+533870	56	S+020	10
28647	05	016B	4353	G	20061008190556800	17	75	0048379+483600	56	S+020	10
25017	97	064A	4353	G	20061008201446100	17	75	1608197+539770	56	S+020	10
25017	97	064A	4353	G	20061008201456800	17	75	1626437+568990	56	S+020	10
26473	00	047A	4353	Ρ	20061015190501100	17	75	1710581+575750	56	S+025	10
26473	00	047A	4353	Ρ	20061015190511800	17	75	1704058+631650	56	S+025	10
26473	00	047A	4353	Ρ	20061015190551100	17	75	1527194+820450	56	S+025	10
26473	00	047A	4353	Ρ	20061015190601800	17	75	1305240+852260	56	S+025	10
26473	00	047A	4353	G	20061016180141800	17	75	2335216+471850	56	S+025	10
29503	06	045A	4353	F	20061024175941800	17	75	2015391-019200	56	S+015	10

Appendix 3:Excerpt from United Nations resolution 2222 (XXI).Treaty on Principles Governing the Activities of States in the
Exploration and Use of Outer Space, including the Moon and
Other Celestial Bodies

Article XI

In order to promote international co-operation in the peaceful exploration and use of outer space, States Parties to the Treaty conducting activities in outer space, including the moon and other celestial bodies, agree to inform the Secretary-General of the United Nations as well as the public and the international scientific community, to the greatest extent feasible and practicable, of the nature, conduct, locations and results of such activities. On receiving the said information, the Secretary-General of the United Nations should be prepared to disseminate it immediately and effectively.

http://www.unoosa.org/oosa/SpaceLaw/gares/html/gares_21_2222.html