

TABLE OF CONTENTS

No. 42 -----	April 1993 -----
Observatory Controllers Message	2
Personnel Changes	4
IUE Spacecraft Status D. Hermoso	5
The Scattered Light in the FES P. Rodriguez	8
The Transfer of IUESIPS to the VAX D. de Martino and M. Barylak	17
On the Analysis of FES Data R. Vio and W. Wamsteker	23
FES Archive Observations (21 Sept 92 - 10 Mar 92)	39
Membership of the IUE Allocation Committee (16th Year)	40
Proposal Statistics for the 16th Year	43
Merged Log (1 Jun 92 - 31 Dec 92)	44
List of IUE Publications in Journals (1 Jan 92 - 31 Dec 92)	116
Form for Requesting Archive Material	131
Form for Notifying Errors in Merged Log	133

IUE ESA NEWSLETTER

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CONTROLLER'S MESSAGE

In early March, the 15th Anniversary of the launch of IUE was celebrated at VILSPA. This occasion also allowed the inauguration of the recently finished, future home of the ISO Observatory. Old timers shared this festive occasion with the current staff at VILSPA. Prof. Brendan Byrne and Prof. Klaas de Boer highlighted the importance of IUE for astrophysics in an enjoyable way for all those whose daily efforts in many areas at VILSPA, allow us to continue to use the extremely efficient IUE facilities.

In the meantime, the IUEAC has finished its deliberations and has overcome the difficulties presented by the challenge of the 2-year cycle allowed by the 16th Call for Proposals. Of the proposals submitted under the 2-year call, the IUEAC chose 35 to be judged under the special considerations for the 2-year proposals; the others were placed in the normal annual allocation process to compete with the proposals submitted only for the 16th year (see page 43).

On the operations side of the IUE Project many activities are taking place, some planned and others driven by the unexpected consequences of the long life of the Spacecraft in orbit.

In the Observatory at VILSPA we have seen in early January the replacement of the original Experiment Display Systems (EDS) by more modern control stations. Most likely before the start of the 16th episode these familiar machines will have definitely disappeared from the Observatory and users will have to get used to a "windowed" view of their results. As a consequence of this, the IUESIPS software for data reduction had also to be removed from the Telefile. This transition has been done smoothly, thanks to the good efforts of the staff involved. For the implications of this, please see page 17.

The difficulties associated with the scattered sunlight in the telescope (the "IUE Baffle Anomaly") have generated some operational problems, especially since the appearance of the associated "streak", which is mainly present at intermediate beta angles (see pg 8). Since additional care has to be applied to target acquisition and tracking, some decrease in efficiency has occurred, however only little (from 58% to 50%). To minimize the impact on the G.O. programs, we have implemented some new observation preparation procedures as the Users for May will have noticed on their schedule confirmation FAX. A somewhat earlier target screening -similar to that for Service

Observing- will prevent last minute problems. Also the scheduling process has been adapted to consider the Baffle Anomaly and minimize its impact.

Although no further problems are foreseen, we are currently planning to perform some Spacecraft tests to study the possibility of scattered light suppression for especially difficult observations.

On the side of the Final Archive, activities are accelerating now that that the start of the IUEFA production of the VILSPA data is only a few days away. The long and extensive preparations are expected to pay off through a smooth, trouble-free and efficient cycle of processing. For the ULDA, version 4.0 has been delivered now to 22 National Hosts, serving scientists of 35 countries. In view of the success of the usage of the ULDA, a new version of the USSP is in preparation, allowing with host and end-users to function under UNIX type systems.

Willem Wamsteker

PERSONNEL CHANGES

On 1st March 1991 Enrique Solano joined the Vilspa Image Processing Team (IPS), but his arrival at Vilspa was 2 years earlier when he started his doctoral thesis on delta Scuti pulsating variable stars. He graduated in Mathematics (branch of Astronomy) at Universidad Complutense de Madrid. He likes sports, especially tennis, football and athletics.



On 1st July 1992 Eva Suarez-Llanos joined the IPS team of Vilspa. Prior to this she worked here at Vilspa as an ISAS operator. She is a physics graduate (computer science branch) from the Universidad Complutense de Madrid. She is an ecology activist, is interested in Flamenco music and likes writing and travelling.

On 1st February 1993 Roberto Vio joined Vilspa as an ESA Research Fellow. He obtained his Ph.D. from the University of Padua in the subject of activity in galactic nuclei. Currently he is interested in the development of statistical techniques for the analysis of astronomical data and whilst at Vilspa he will be working on the analysis of the FES archive. He likes sports.



IUE SPACECRAFT STATUS

March 1993

D. Hermoso, VILSPA

1. GENERAL

The spacecraft continued to support science operations normally and effectively in its sixteenth year of highly successful in-orbit operations. At the end of February 1993, a total of 24511 images had been collected from 10398 celestial objects (VILSPA only).

Although the light scattering phenomena, the so-called "scattered light" and the "streak", -most likely associated with the environmental aging of the spacecraft- are a matter of concern to the project, there are no indications that these will have immediate influence on the importance of the IUE as a scientific mission. The current situation is described in a separate article in this Newsletter.

2. POWER SUBSYSTEM.

IUE's 31th Eclipse Season ran from Jan. 15 to Feb. 12, 1993. The maximum depths of discharge for the season were 43.49% for battery 1, and 47.71% for battery 2.

Weekly top-offs continue for Battery #1 in order to force some charge current into the battery. At present Battery #1 is configured on its main charger, which limits the battery voltage to 24.72 volts. The charger is turned off and trickle resistors supply charge current to the battery. When the redline voltage of 25.84 V is reached the main charger is enabled and the battery voltage is again limited to 24.72V.

As far as the performance of batteries 1 and 2 is concerned, Battery 2 dominates and it supplied an average of 2.74% more power, at minimum voltage, than Battery 1.

3. SOLAR ARRAYS

The average yearly degradation from 1978-1992 was 3.31%. The largest degradation took place during the years 1988-1991. This increased degradation may have been a result of the solar cycle maximum. Despite their degradation, enough power is supplied by the arrays to keep the spacecraft power positive over the range of beta angles between 35° and 107°. This range is based on a nominal power requirement of approximately 145 watts.

4. ATTITUDE CONTROL SYSTEM

Gyro 5 continues to show 0 amps of motor current since its sudden drop on February 5, 1991. The slope of Gyro 5's drift remains reasonably constant (-305.4 counts/sec on 26th Feb. 1993). Gyro 4 continues to perform nominally, maintaining a very stable drift rate. The nominal increase in gyro drift is associated with the degradation of the gyro's condition, while periodic fluctuations are thermally induced.

On 20 November 1992 the IUE spacecraft successfully executed a 9.78 seconds orbit adjustment Delta-V maneuver with all systems performing nominally.

Selecting the most favorable momentum-wheel unload jet firings to counteract the westward drift of the spacecraft continues to extend the duration of the IUE orbital drift period.

5. THERMAL

In general the spacecraft temperatures remain stable.

OBC temperature operating limits were relaxed by eliminating the 55.8°C constraint zone; cooling of the OBC needs to take place only when its temperature glitches to 57.0°C.

The HOT OBC beta region has changed as follows:

<u>MONTH</u>	<u>LOWER LIMIT</u>	<u>UPPER LIMIT</u>
JANUARY	65°	85°
FEBRUARY	70°	79°
MARCH	--	--
APRIL	--	--
MAY	--	--
JUNE	--	--
JULY	--	--
AUGUST	--	--
SEPTEMBER	--	--
OCTOBER	--	--
NOVEMBER	70°	79°
DECEMBER	65°	85°

6. ANOMALIES

The IUE spacecraft has performed satisfactorily well over the last months, only a few anomalies were encountered:

- On Oct. 12, '92 at the end of a maneuver to $\beta = 48^\circ$, the error flag "register overflow in worker 0" appeared. The spacecraft was in Fine Sun Sensor (FSS) default mode. A dump of OBC telemetry showed that the error flag was caused by the calculation of an incorrect solar aspect angle (beta angle) by worker 0. This incorrect β angle was most probably caused by bad data coming from the FSS. The calculated β angle switched from its correct value of 48° to an incorrect value of 73° . The switch was only momentary and corrected itself immediately. When in FSS default mode, the pitch positional error is calculated using this β value and when it switched by such a large amount, worker 0 set the overflow error flag. At a $\beta = 48^\circ$, a dropout of the 5th coarse bit in the FSS pitch axis would have caused the false reading of $\beta=73^\circ$.
- On 11 Dec. the maneuver procedure stopped at 03:10z when telemetry did not confirm that worker 1 had received the data block 11 containing the slew information. The data block had been uplinked and confirmed by the ground system but the OBC failed to execute. The maneuver was re-calculated at 03:27z and uplinked successfully at 03:30z.
- On 14 Dec. a data block 17 to read-erase the LWP camera did not appear to execute. It appears the data block did not get into the OBC or interrupt 10 did not execute properly. The procedure was successfully repeated.

The scattered light in the FES

Pedro M. Rodríguez Pascual

March, 1993

1 Introduction

Since November, 1992, IUE has suffered from an anomalous source of scattered light in the FES instrument (Teays, 1992). Here, anomalous means that it is not the diffuse scattered light detected since February 20th, 1991 (e.g., Monier, 1992; Weinstein and Carini, 1992a,b). Because the effect is confined to the lower right corner of the FES field, it is colloquially referred to as the "streak".

Since the "streak" appeared for the first time in IUE FES images, we have been collecting information that will help us to manage the situation during Real Time (R/T) operations. Although the phenomenon is not yet fully understood, we are able to predict when the "streak" will occur and, under some circumstances how to remove it or at least decrease it and, finally how to keep scientific programs running with the maximum efficiency.

2 Tests Results

After the appearance on a regular basis, some tests were made to establish the behaviour of the streak and to generate a predictive knowledge. The test strategy consisted in recording the FES counts at a point representative of the strength of the streak ($X = 300, Y = -1400$) a) in a number of positions distributed all over the sky and b) during the slews from target to target. At each position, the FES counts at the Reference Point (R.P.) were measured as well. The sequence was repeated in order to check the consistency of the results.

These results can be summarized as follows:

- a) in general, the behaviour was found to be quite consistent,
- b) the intensity of the streak strongly varies along pitch maneuvers, but, in nearly all cases, no dependence was found with yaw maneuvers,¹
- c) in general, the streak was weaker (or nearly absent) both at high and low β angles, with a dip around $\beta = 75^\circ$ (see fig. 1 and 2).

¹ Along Yaw maneuvers β (the complementary angle between the Sun direction and the telescope axis) remains constant; Pitch maneuvers are those in which only β changes.

d) the β angle above which the streak vanishes is different when pitching up (moving to the Sun, increasing β) or down (moving away the Sun, decreasing β). The streak is present up to $\beta=99^\circ$ when pitching up but does not come back until $\beta=87^\circ$ when pitching down. At low β , the break always happens near $\beta=54^\circ$, but below this, the streak intensity is highly variable.

These results show that the strongest dependence of the streak is with the β angle. Since November, 1992, we have been recording, at every telescope attitude, the FES counts at the R.P. and $X=-300, Y=-1400$. The streak shows in these data the same behaviour with β as found in the test maneuvers (Fig. 3): it is always present between 54 and 85° . The scattering of the points in figure 3 at low β is real in the sense that the streak can be weak or moderate; the scattering at high β is due mainly to the fact that coming from low β the streak is strong, but after a pitch up and down slew it decreases (see below).

With the wider time coverage we have now, any strong dependence with the position or the phase of the Earth and/or the Moon seems to be ruled out (Fig. 4). Neither the shadow season #31 seems to have had any impact on the streak presence or intensity. FES images taken when the Sun was hidden to the IUE by the Earth, showed no streak at all, proving that the background light detected in the FES is solar radiation.

As mentioned above, the streak is characterized to fill in the bottom right hand corner of the FES field. However, the actual fraction of the field covered is not always the same; it runs from a narrow band near the edge to almost $2/3$ of the whole field. In these cases, the background reaches the apertures and thus enters the spectrographs. Since the R.P. is near the apertures, the ratio of the FES counts at $X=-300, Y=-1400$ and at the R.P. can be used as a guess of the amount of background light entering the spectrographs. Figure 5 shows that, in general, this is not very large unless the streak is very strong (larger than 7000 counts FO at $-300, -1400$).

3 Normal Operations

The incidence of the streak on normal R/T operations can be divided in three issues: a) target acquisition, b) guiding and c) contamination of science spectra.

3.1 Target acquisition

The presence of the streak in FES images obviously complicates the visual identification of the field; in the worst cases, only stars brighter than 7th magnitude can be clearly seen. Whenever there is a fair chance of the streak being present at the attitude of a not very bright target, its acquisition is done as a blind offset from a nearby bright star. If there is not such a nearby (nearer than 1°) star, two blind offsets are needed: first, a coarse slew to a very bright ($V<7.0$) star, then, an offset to a second bright ($V<10.0$) star, and, finally, the offset to the target. In this case, a different reference point is used in the top left hand of the FES field, where there is no streak; given the high accuracy of fixed rate maneuvers with IUE ($1''-2''$), the second offset star will be found in the region out of

the streak. Thus, the net effect of the streak on target acquisition is only to increase the number of blind offsets, a very usual and reliable operation with IUE.

In the range $87^\circ < \beta < 100^\circ$, the tests carried out on December, 1991, showed that the strength of the streak was significantly lower when arriving from high β than coming from low β . So, if after a maneuver to a target in the mentioned β range from a lower β the streak is strong, we are able to reduce it by slewing up to $\beta = 105^\circ$ and down back to the target. The intensity of the streak in the bottom right hand corner of the FES field is not only reduced, but its coverage of the field diminishes as well.

3.2 Guiding

For exposures longer than 15 minutes some guiding is normally needed to keep the target in the aperture. In the early days of IUE this was not a problem, since stars up to $V=13$ were suitable to track on. After the appearance of the diffuse scattered light on 1991, the magnitude of guide stars was limited to 12. With the streak, the situation has become a bit more complicated, since it depends on both the magnitude of the guide star and the position on the FES. As the orientation of the field depends on the Roll angle, which changes with time, a possible guide which lies on the streak at a given epoch of the year, will be out of it at some other epoch when the Roll angle has changed. Since we can foresee when and where the streak will be, as well as the astronomical orientation of the FES field, we know where we have to look for guide stars. The Guide Star Catalogue has proved to be an extremely useful tool in preparing IUE observations.

Even in the case of no bright enough star is in the field (the FES can track on stars giving only 15% of the background counts), a long exposure can be done in "short" segments. Depending on the actual stabilization of the S/C, a target can remain well within the large apertures ($10'' \times 20''$) up to 60 minutes without guiding.

3.3 Contamination of Long Wavelength (LW) spectra

In long LWP Low Resolution exposures, extended solar type spectra have been detected (Weinstein and Carini, 1992b). The DN level of this contamination is related to the total exposure time and the background near the apertures. A series of serendipity LWP exposures has been taken during the last months in order to analyse the spectral shape of the background spectrum and its relation to the FES background. These data are currently being analysed.

3.4 Open questions

Although the tests and normal operations have given us an acceptable understanding of the streak behaviour, providing the necessary guidelines to keep the impact on the scientific programs limited, the cause of this phenomenon is still unknown. It is, however, unambiguously established that the radiation has a solar spectrum and this will be most

likely related with problems in the light baffles in the telescope. Therefore, this is all referred to as the "IUE baffle anomaly".

New tests are planned to further reduce its operational impact and also various procedures are under consideration associated with the observation planning (schedule) and the observation preparation (training) to minimize the impact of this baffle anomaly on the IUE science program.

References

- Monier R., 1992, *ESA IUE Newsletter*, #40, 5
- Teays T., 1992, *NASA IUE Newsletter*, #49, 3
- Weinstein D., Carini M., 1992a, *NASA IUE Newsletter*, #48, 143
- Weinstein D., Carini M., 1992b, *NASA IUE Newsletter*, #49, 5

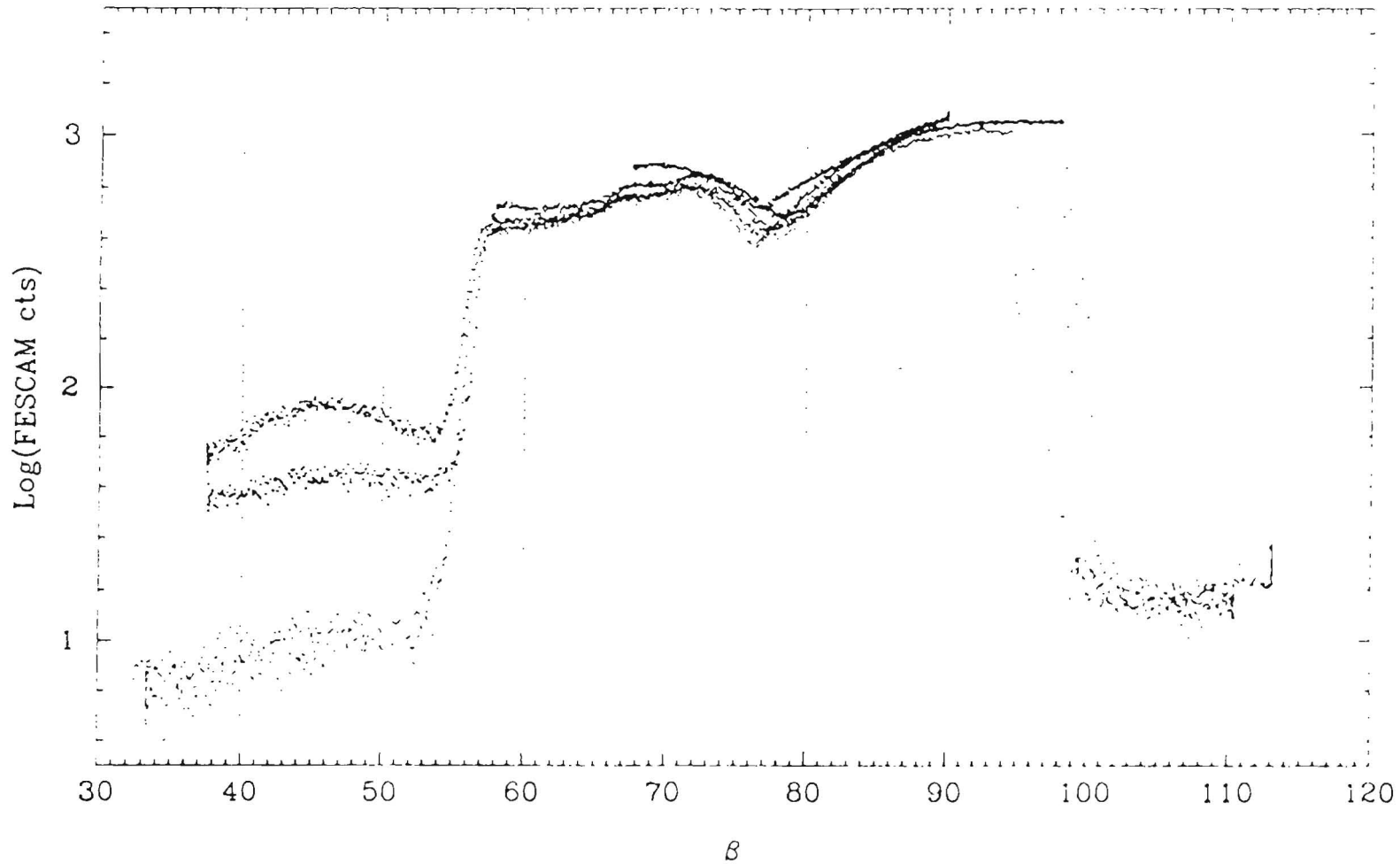


Fig. 1: FES (camera mode) counts (log scale) during pitch legs of maneuvers from low beta to high beta (pitching-up). This contains all data from 2 days testing (Dec. 1 and 2). All maneuvers on days 1 and 2 were identical.

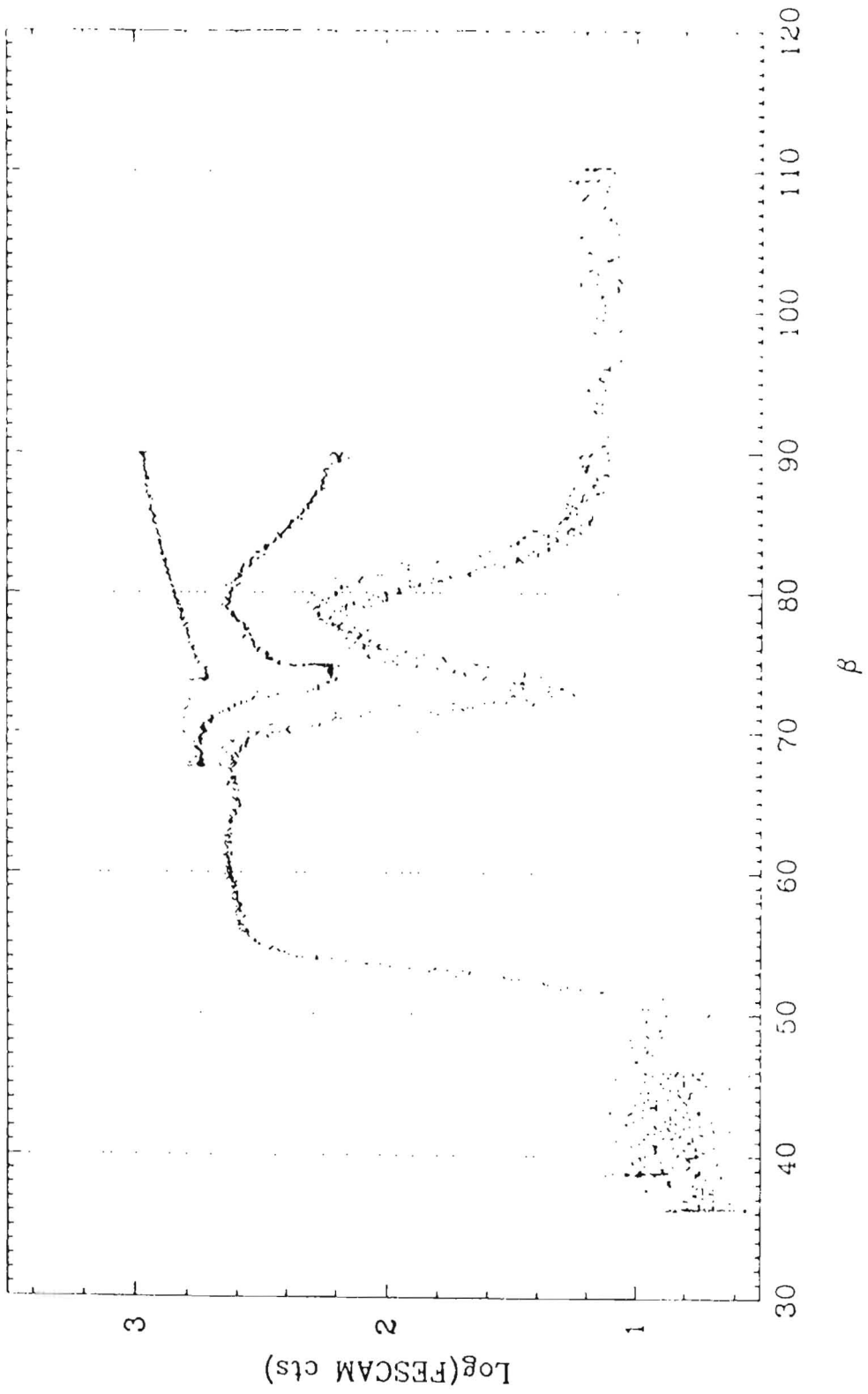


Fig. 2: Same as Figure 1, but only shows the pitch-down legs

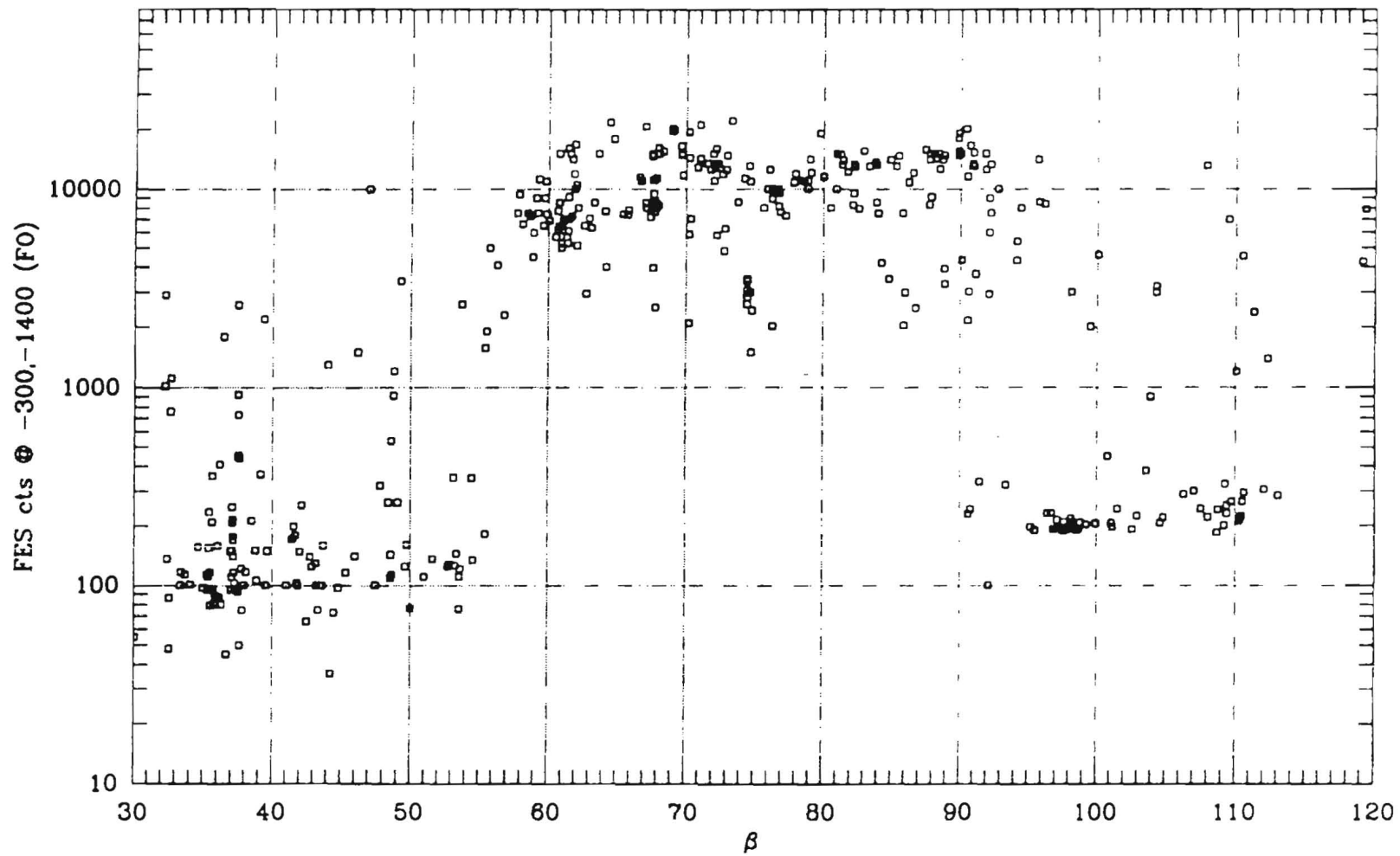


Figure 3: Equivalent to figures 1 and 2, but showing the streak intensity after the maneuver is complete instead of during the slew. It includes all data recorded since Nov. 1992. Note that $cts_{FO} = 15 \times cts_{FESCAM}$.

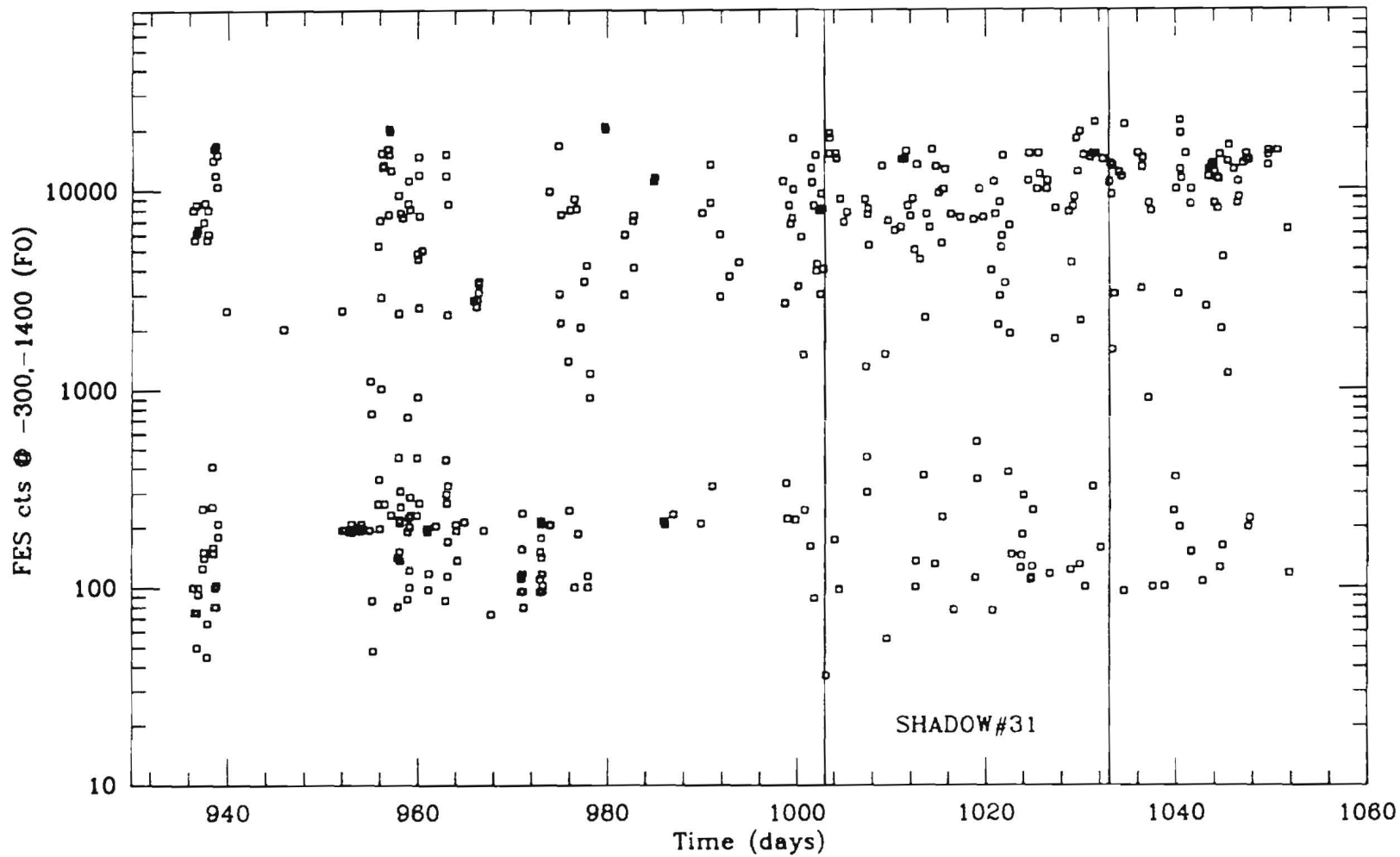


Figure 4: Although the streak seemed to appear at certain dates during earlier months, now, no dependence with time is found.

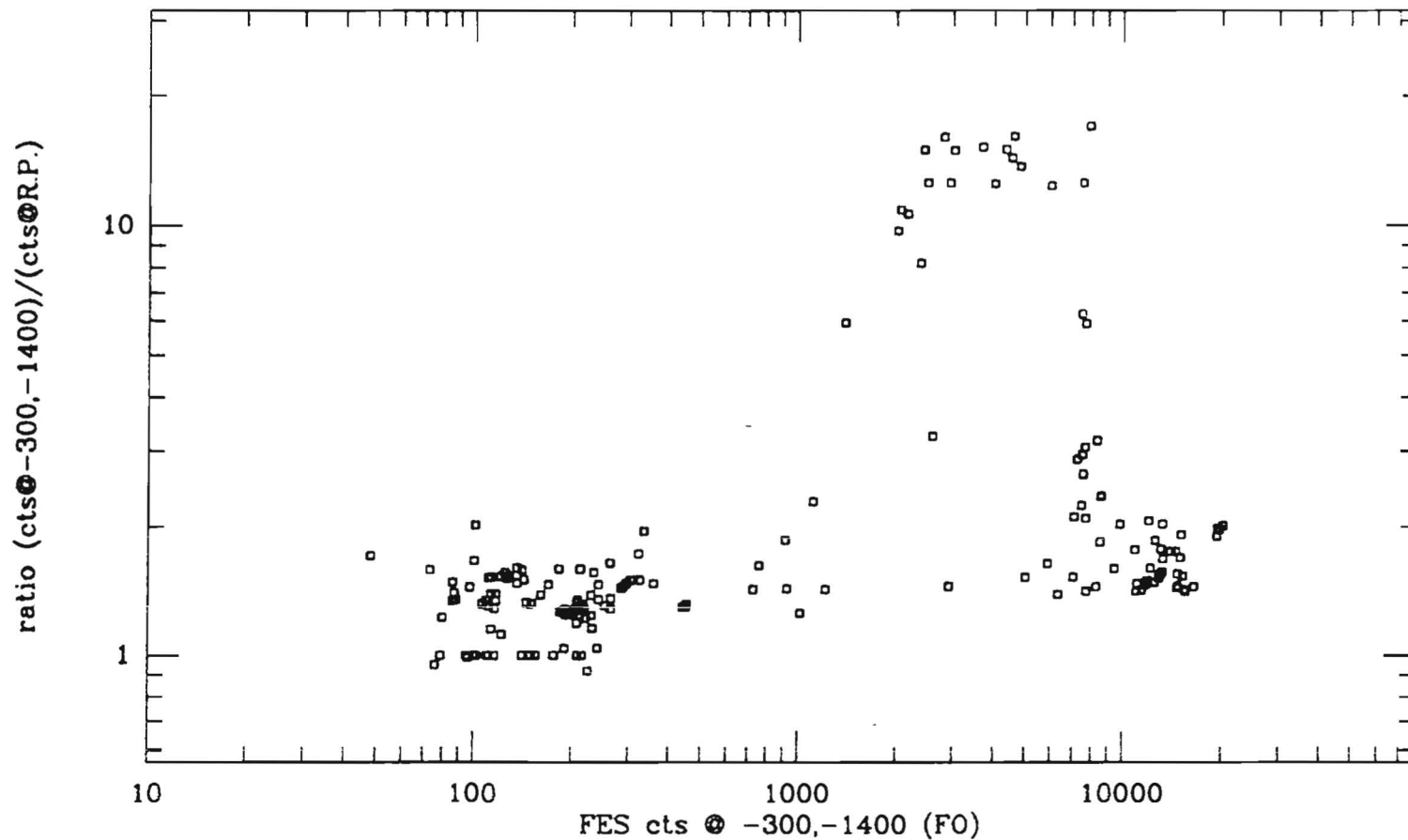


Figure 5: The extent of the streak in the FES (as represented by the ratio between the counts at $X=-300$, $Y=-1400$ and the counts at the R.P.) is shown against its intensity at $X=-300$, $Y=-1400$. Points below 400 counts correspond to both low β angles (where the streak covers a large fraction of the field, even though it is weak) and high β angles (where the "normal" diffuse scattered background dominates). At intermediate β , the streak only reaches the apertures region when it is very strong (larger than 7000 counts FO). Points near 1000 counts (FO), correspond to a moderate intensity streak at low β .

VAX-IUESIPS TRANSITION

D. de Martino and M. Barylak

IUE Observatory - VILSPA

On **March 15, 1993** the standard IUE spectral image processing system (IUESIPS) will be moved from the old TELEFILE to VAX/VMS computers. This transition is necessary for the following reasons:

- due to the installation of new Telescope Operations Command Stations (TOCS) based on VAX VS3500 workstations, the daily image processing tasks can no longer be supported by the TELEFILE.
- GSFC has been running IUESIPS on VAX/VMS machines since Feb. 16, 1988. Adapting IUESIPS to the same environment eliminates the difficulties of implementing simultaneously upgrades to the IUESIPS software at both stations.
- finally, the migration has also been dictated by the fact that the final reprocessing of the entire IUE archive will be performed on VAX computers.

We have performed several tests to ensure that the compatibility requirements as defined by the IUE project are fulfilled. The tests showed that the outputs from IUESIPS on VAX are compatible with the ones of the TELEFILE. This is also true for the outputs obtained by the VILSPA VAX IUESIPS and the NASA VAX one. There is **no change** in the format of the IUE Guest Observer (GO) tape. The results of these tests are reported in Appendix A. These results indicate that there is normally **no need** to reprocess images processed at the TELEFILE in order to be comparable to images processed by VAX IUESIPS. IUE users are reminded that all reprocessing requests have to be scientifically justified in writing to the Observatory Manager. Reprocessing requests will be handled on a low priority basis with respect to both the operational processing and the IUE final archive reprocessing. As pointed out in Appendix A reprocessing will only be done under VAX IUESIPS.

As from **March 15, 1993**, options for output products, routinely provided to Guest Observers, will also slightly change. Specifically, CALCOMP plots will only be produced for high resolution images while low resolution plots will be provided in special cases only. Photowrites will continue to be produced for both resolution modes. Listings of low resolution fluxes will be suppressed. These changes are based

upon a statistical study of IUE output-product requests by Guest Observers over the last three years.

The transition of IUESIPS to the VAX will also imply a different work load for the Image Processing Specialists (IPS) and Computer Operators at VILSPA. As a consequence VILSPA GO tapes will be available to IUE users within **36 hrs** after the end of the shift whereas plots and photowrites will be delivered within **72 hrs**. Therefore IUE output products will be shipped to IUE users as a *standard procedure* starting March 15, 1993. IUE users visiting VILSPA who wish to pick up their tapes and output products personally before leaving VILSPA should plan their departure times accordingly.

For any further clarification IUE users are welcome to contact D. de Martino, responsible for IUESIPS at VILSPA (VILSPA::DDM) or M. Barylak, responsible for the IUE data base and archive (VILSPA::MB).

Appendix A

VAX-IUESIPS DATA TEST EVALUATION

VAX/IUESIPS output data evaluation is based on the following items provided by Vilspa Computer Services (see VCS memo of 29/01/1993):

- 1- Output products from IUESIPS on TELEFILE (GO tape, label prints, photowrites and plots)
- 2 - Output products from IUESIPS on VAX (GO tape, label prints, photowrites and plots)
- 3 - Output products from IUESIPS on VAX from NASA (GO tape and label prints)
- 4 - Byte to byte comparison between processed images at NASA and VILSPA with IUESIPS on VAX.
- 5 - Report on test results from VCS.

The set of 6 images used for the test comprises of SW and LW, low and high dispersion and large and small aperture images and a trailed LWP low resolution one.

1 - BYTE-TO-BYTE comparison

Results of a byte-to-byte comparison, performed by VCS, have been produced by files containing the detected differences between the RAW, PI, ELBL, MELO and MEHI files as produced by IUESIPS on VAX at VILSPA and NASA. The detected differences, as also indicated in the test report, refer only to the image labels in the processing history portion and processing date and time with no differences in the scientific data.

2 - Comparison of IUESIPS on TELEFILE and VAX

2a. IMAGES: HEADERS

Differences are not critical as they refer to the scheme names and time of processing on above machines.

2b. IMAGES: SCIENTIFIC DATA

Pixel-by-pixel comparison between the products on the different computers has been performed by differences. For RAW, PI and ELBL, histograms of the difference images have been done while for MELO and MEHI files differences of wavelength, background, gross, net, rnet and fluxes have been performed and percentage deviations from the mean for each pixel has been computed.

2b1. RAW: Raw images are identical as from TELEFILE and VAX.

2b2. PI: For low and high dispersion, 99.8 % of the differenced images are within ± 0.05 FN. Few pixels have been found to be within ± 3 FN and a single pixel at 2000 FN on two images.

2b3. LOW DISPERSION:

WAVELENGTH: Difference of a step size (0.2 \AA) at selected wavelengths have been detected in both cameras. The VAX assigns λ 1730.4, 2654.8, 2929.6, 3021.2 while TELEFILE assigns λ 1730.2, 2654.6, 2929.4, 3021.0.

ELBL: 99.5 % of the differenced SWP images are within ± 1 FN with few pixels up to 30 FN. 99.3% of the differenced LWP images are within ± 2 FN with few pixels up to ± 4 FN. Regions of strong flux gradients, as those at the apertures, have the largest differences. 94.5% of the differenced trailed ELBL is within ± 2 FN with the largest differences at the borders of the trailing path. Few pixels have been found at 20,30 and 180 FN.

MELO: No differences have been found in the EPSILONS. NET flux differences for both cameras are within ± 7 FN ($\sim 0.05\%$). Differences in single pixels of 70 - 100 FN have been found in a manual zero shift both aperture SWP image. This was also a low signal image. GROSS and BACKGROUND differences have been found within ± 5 FN ($\sim 0.03\%$) with few cases at 9-13 FN. Trailed GROSS differences have been found within ± 20 FN. Single pixels at 110 FN and 280 FN have been found in the GROSS in the above mentioned SWP image and in the trailed one.

2b4. HIGH DISPERSION:

WAVELENGTH assignments differ of 0.002 A (one unit scale factor) ($\sim 0.4 \text{ Km/s}$ for SWP and $\sim 0.2 \text{ Km/s}$ for LWP cameras).

MEHI: Differences within ± 5 FN and ~ 10 FN have been found in the NET and RNET fluxes respectively with differences up to 30-75 FN at the ends of the order respectively. BACKGROUND differences have been found within ± 2 FN ($\sim 0.02\%$) while GROSS differ as much as ± 5 FN. Single pixels reaching 2000, 5000 or even 10000 have been found for both SW and LW cameras in the GROSS, BACKGROUND and NET differences.

2c. PHOTOWRITES AND CALCOMP PLOTS

No visible differences between VAX and TELEFILE image prints. Plots show a better visibility due to bigger characters and higher resolution.

3 - CONCLUSIONS

- 1 - The VAX-IUESIPS processing at VILSPA, as from par.1, is compatible with that of NASA.
- 2 - IUESIPS on VAX will produce differences in flux generally within $\sim 0.05\%$ of the TELEFILE (see the summarizing attached table). The largest differences are found in very low signal spectra or regions of large flux gradients. These

differences are however below the IUE flux accuracy ($\sim 10\%$) and well within the IUE Project acceptance standard for output compatibility. Wavelength assignments in the high and low dispersion spectra are below the resolution of the two modes. Differences are due to the truncation during real calculations in the TELEFILE while the VAX is a rounding machine.

- 3 - The above differences are compatible with those found in the $\Sigma 9$ /VAX compatibility test done at NASA (NASA IUE NEWSLETTER, N.35,p.29), except for the wavelength assignments in the low dispersion mode. The latter differences, due to the implementation of dispersion constants in April 1988, have been detected in further compatibility tests performed between VAX and $\Sigma 9$ NASA IUESIPS outputs. Hence the compatibility requirements between VAX/TELEFILE/ $\Sigma 9$ defined in the 3-Agency Meeting, Sept.88, are fulfilled.
- 4 - The differences between IUESIPS at NASA (implemented on VAX since February 16, 1988) and at VILSPA, due to the different machines used, will disappear.
- 5 - In those cases that users wish to compare data acquired and processed at different times and hence with the two processing systems (TELEFILE and VAX) they can ask for reprocessing of old images with the VAX only.

Summary of VAX/TELEFILE differences

Image type	Quantity	Difference	Percentage of image	IUE Project Acceptance
RAW		0.0 DN	100.	0.0
PI				± 2 FN
ELBL		0.05 FN	99.8	± 9 FN
	SWP Flux	± 1 FN	99.5	
	LWP Flux	± 2 FN	99.3	
% deviation				
	EPSILONS	0	.00	0
MELO	λ	0.2 Å		0.2 Å
	NET	± 7 FN	.05	± 9 FN
	GROSS	± 5 FN	.03	
	BACK	± 5 FN	.03	
MEHI	λ	0.002 Å		0.012 Å
	NET	± 5 FN	.02	± 5 FN
	RNET	± 10 FN	.04	
	GROSS	± 5 FN	.02	
	BACK	± 2 FN	.015	

ON THE ANALYSIS OF THE FES DATA

R. Vio, W. Wamsteker

IUE Observatory, VILSPA, Spain

Abstract

The FES light curves of two stars, HD332076 (A2, $m_v=9.3$) and HD204188 (A8m, $m_v=6.29$), obtained with the FES were analysed with the aim of ascertaining the possibility of using this instrument as a high-speed photometer in stellar variability studies.

Introduction

The FES data with their high time resolution (~ 100 ms) and their almost uninterrupted long sequences constitute a potentially powerful tool in studying rapid variability of stellar sources (Pike and Wamsteker, 1990). However, since this instrument has not been designed to work as a photometer, its real capabilities for such a task must be tested. For this reason the light curves of two stars, HD204188 and HD332076, characterized by about 10000 and 1000 counts per second, respectively, were investigated.

HD204188

Fig. 1 shows the power spectrum of a sequence of 2000 points ($\sim 200s$) extracted from the light curve of HD204188. A statistically significant peak at frequency 0.467 (in units of sampling frequency), corresponding to a period of ~ 0.22 s, indicates the presence of a high frequency modulation in the data. This modulation, however, is not intrinsic to the source but it is due a difference in the zero-points of the X and Y pairs of the FES scan pattern (see Fig. 2). The position of the peak near, but not exactly at, 0.5 (the Nyquist frequency) means that the X Y scan alternation is not a strict one; in other words, sometimes it is possible to see two consecutive X or two consecutive Y values. This effect is due to the difference between the time arrival of the data from the satellite (51.2ms) and the update of the FES values (96ms), that determines the loss of a point approximately every 15 (Ojero, 1991). The consequence is that the X Y scan alternation in practice is characterized by a period slightly longer than the sampling period of the signal. Since in this case the time behaviour of the signal is not sinusoidal (only a sequence of + - + - + - can be considered a sinusoid, with frequency equal to the Nyquist frequency) the other peaks visible in the power spectrum can be interpreted as harmonics of this. The natural way of eliminating this spurious modulation is to separate the X and Y tracks. This procedure is advisable also because the the X data tend to be noiser that the Y data (Pike and Wamsteker, 1990). Fig. 3 shows the Power-Spectrum of the signal consituted by the Y data only (1000 points, $\sim 200s$). The modulation at 0.22s seconds and the corresponding harmonics are no longer present, but a new periodic modulation is visible at about 7 sec (in reality the width of the peak, which is larger than the minimum time resolution implies that the modulation

is a quasi-periodic process). The origin of such modulation, that can be easily mistaken as genuine, is more subtle. The explanation is linked to the errors in the tracking of the telescope. In effect, because of the small drifts of the satellite, the position of a star on the focal plane of the FES is not constant and must be continuously corrected. A different position means that the image of the star is sampled at different points, with consequent variations of the recorded counts. The correction can have a periodic character (Fig. 4a,b) and, consequently, the signal is modulated in the same way (Fig. 5). This interpretation is confirmed by Fig. 6, which shows the Cross-Correlation Function of the signal (Y data) and the quantity EY that gives the difference, along the Y scan direction, between the expected position of the star and the true one. The observed correlation is inverted if the EX quantity is considered (Fig. 7). The meaning of these results is that when the error along the Y direction is large the counts are higher, the opposite is true for the error along the X direction. This result implies, at least for the segment of time series considered here, a dependence between the EX and EY quantities, and more precisely when the correction EY is large in one sense the EX correction is large in the other one (Fig. 8). In spite of the statistical significance of the correlations, these cannot be used directly for the correction of the counts since it is their combination, and not their actual magnitude, that determines the spurious modulation of the signal. This effect is troublesome since in practice it limits the time resolution of the FES.

Other sources of errors for the FES photometry are the changes of focus and sky brightness which, although they can be approximated by means of smooth functions (e.g. polynomials), are not easy to remove (see Fig. 9a and Fig. 9b).

All these problems render problematic the reliable detection of possible small variations in the luminosity of a star on time scales of a few seconds. For the moment, assuming that the characteristics of the variability of a star are constant on time scales of some hours, the most reliable procedure for analysing the FES data appears the following:

- rebinning of the time series with a time step larger than the period characteristic of the fluctuations of the EX and EY quantities. In this way the influence of a spurious periodic modulation of the signal is reduced ;
- division of the time series in several sub-sequences;
- comparison of the results obtained from the statistical analysis of such individual sequences.

In the case of HD204188, using this procedure, it is possible to exclude the presence, on a time scale of about 4 hours, of a large amplitude, coherent variability with constant characteristic.

HD332076

In the case of this faint star the situation is, in a certain sense, less difficult, since the noise is so high that it masks most of the problems found for HD204188. For example the Power-Spectrum (Fig. 10) of a sub-sequence of 2000 points ($\sim 200s$) extracted by the original time series does not show the high frequency modulation due to the X and Y pairs of the FES scan patten (compare with Fig. 1). Moreover the cross-correlation of the signal with the quantities EX and EY, although present, is weak. Only the power spectra of EX and EY and their cross-correlation are similar to those found in the case of HD204188. Also for this object the statistical analysis carried out according to the procedure above described permits to exclude the presence of a coherent variability with constant characteristic on a time scale of about 4 hours.

Conclusions

At this stage a reliable analysis of the FES data appears not to be simple: the influence of factors on time scales from some seconds to some minutes make problematic the identification of possible small amplitude modulations of the signal. Moreover, from this study it appears that it is not possible to analyse the FES time series without taking into account the sequence of the EX and EY errors.

REFERENCES

- Ojero, E., *internal note* Vilspa, *SD/204900/EO/910702*, July 2 1991
- Pike, C.D. and Wamsteker, W., 1990, in *Evolution in Astrophysics - IUE Astronomy in the era of new space mission*, Proc. of an International Workshop held in Toulouse, France, 29 May - 1 June 1990, ESA SP-310, p. 353

FIGURE CAPTIONS

Fig.1 – Power-Spectrum of a sequence of 2000 points ($\sim 200s$) extracted from the original light curve of HD204188. Frequency in units of frequency sampling ($1 \sim 10Hz$). Power in free units. Confidence threshold = 95%.

Fig.2 – Sequence of 100 points ($\sim 10s$) extracted from the original light curve of HD204188. Time in units of hours.

Fig.3 – Power-Spectrum of a sequence of 1000 points ($\sim 200s$) extracted from the time series of HD204188 constituted only by the Y data. Frequency in units of frequency sampling ($1 \sim 5Hz$). Power in free units. Confidence threshold = 95%.

Fig.4a) – Sequence of 100 points ($\sim 20s$) extracted from the EY time series of HD204188. Time in units of hours. b) corresponding Power-Spectrum.

Fig.5 – Section of the light curve of HD204188 corresponding to Fig. 4a.

Fig.6 – Cross-Correlation between the light curve and the EY quantity (1000 points, $\sim 200s$) of HD204188. Here the confidence levels (95%) are only indicative.

Fig.7 – Cross-Correlation between the light curve and the EX quantity (1000 points, $\sim 200s$) of HD204188. Here the confidence levels (95%) are only indicative.

Fig.8 – Cross-Correlation between the EX and EY quantities (1000 points, $\sim 200s$) of HD204188. Here the confidence levels (95%) are only indicative.

Fig.9a),b) – Power-Spectra of a section of the time series of HD204188 when detrended with two different polynomials a) 3-th degree, b) 5-th degree. Confidence threshold = 90%.

Fig.10 – Power- Spectrum of a sequence of 2000 points ($\sim 200s$) extracted from the original time series of HD332076. 95% confidence threshlod (here not visible) ~ 9.87 .

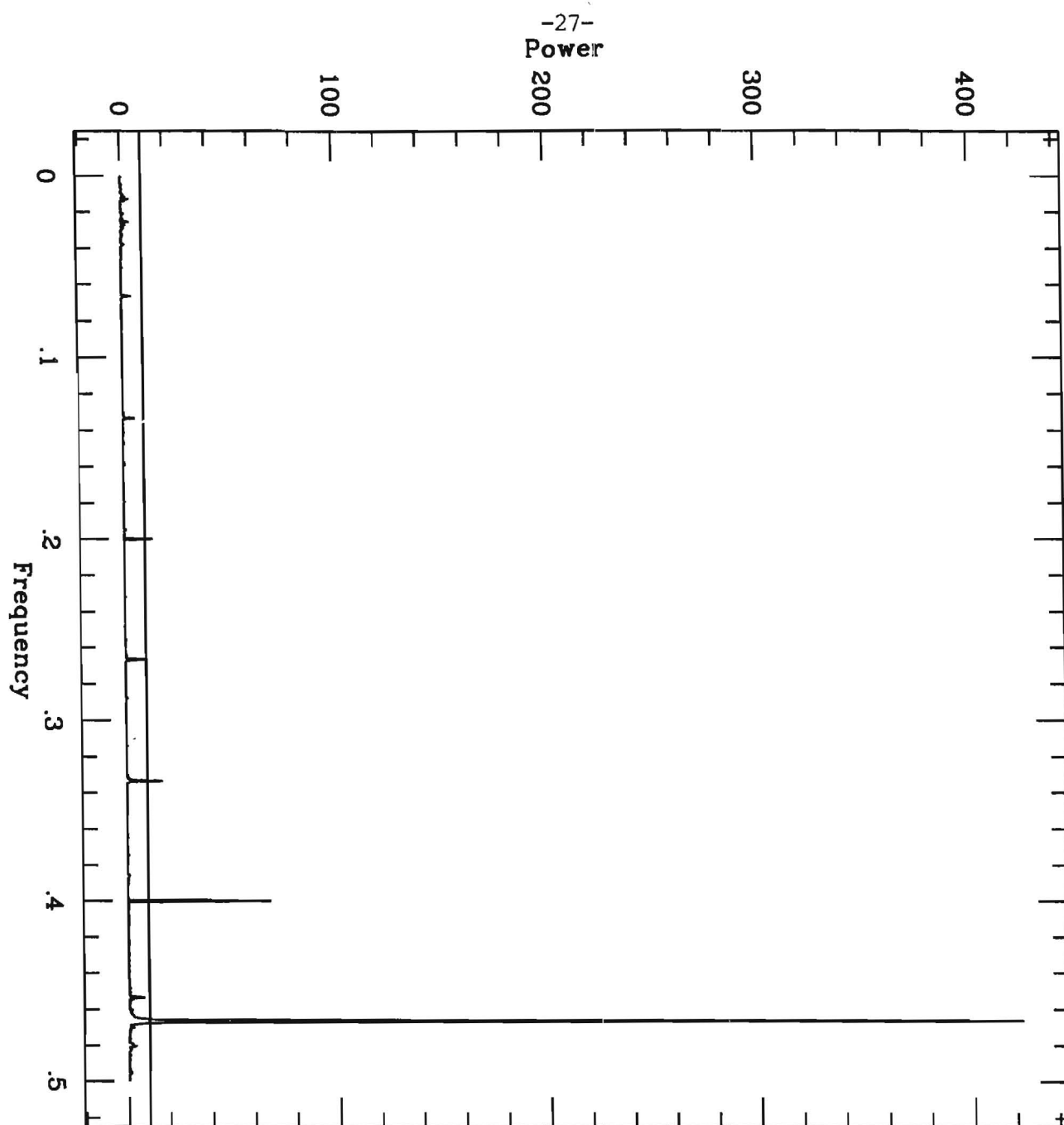


Figure 1

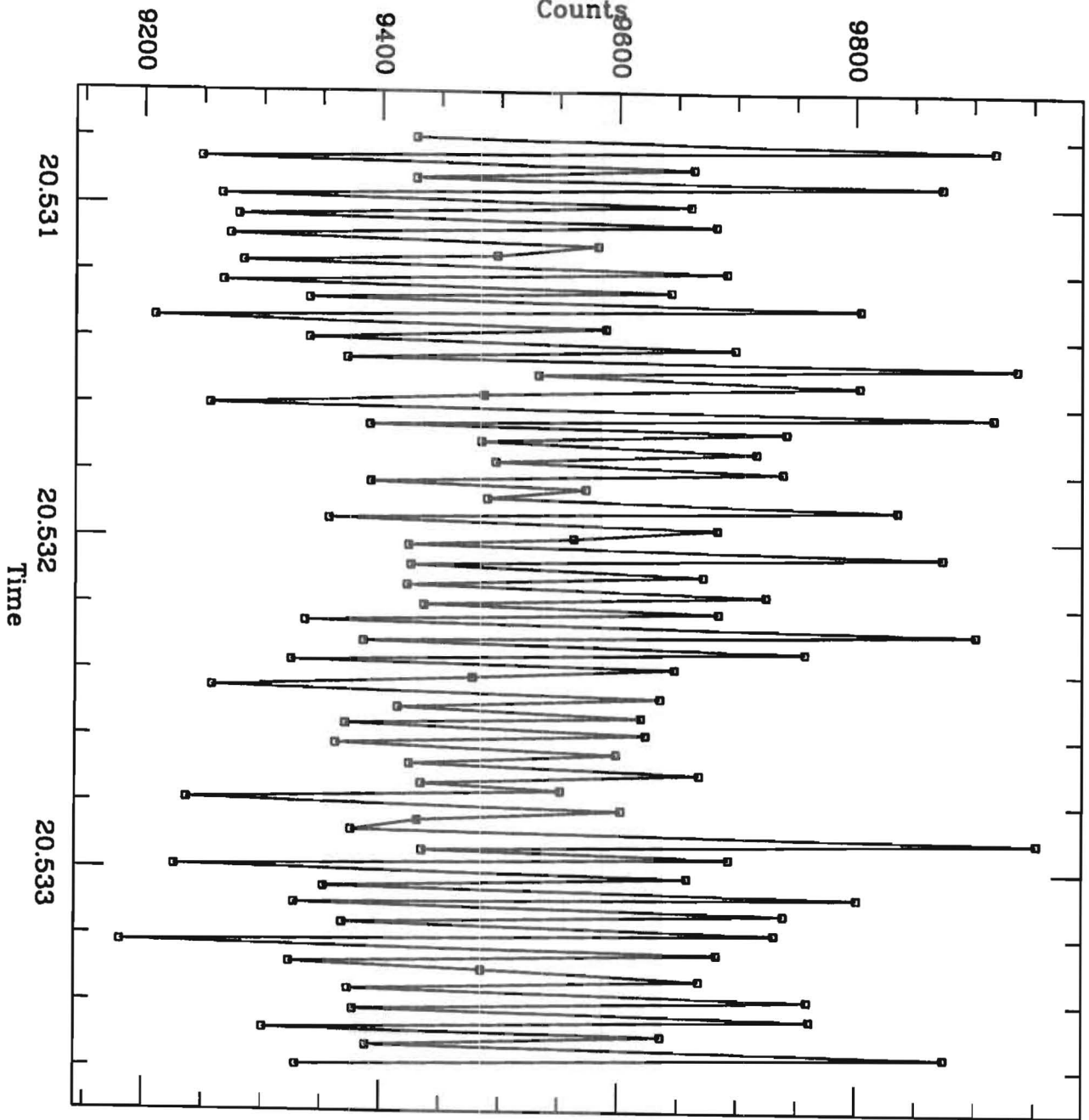


Figure 2

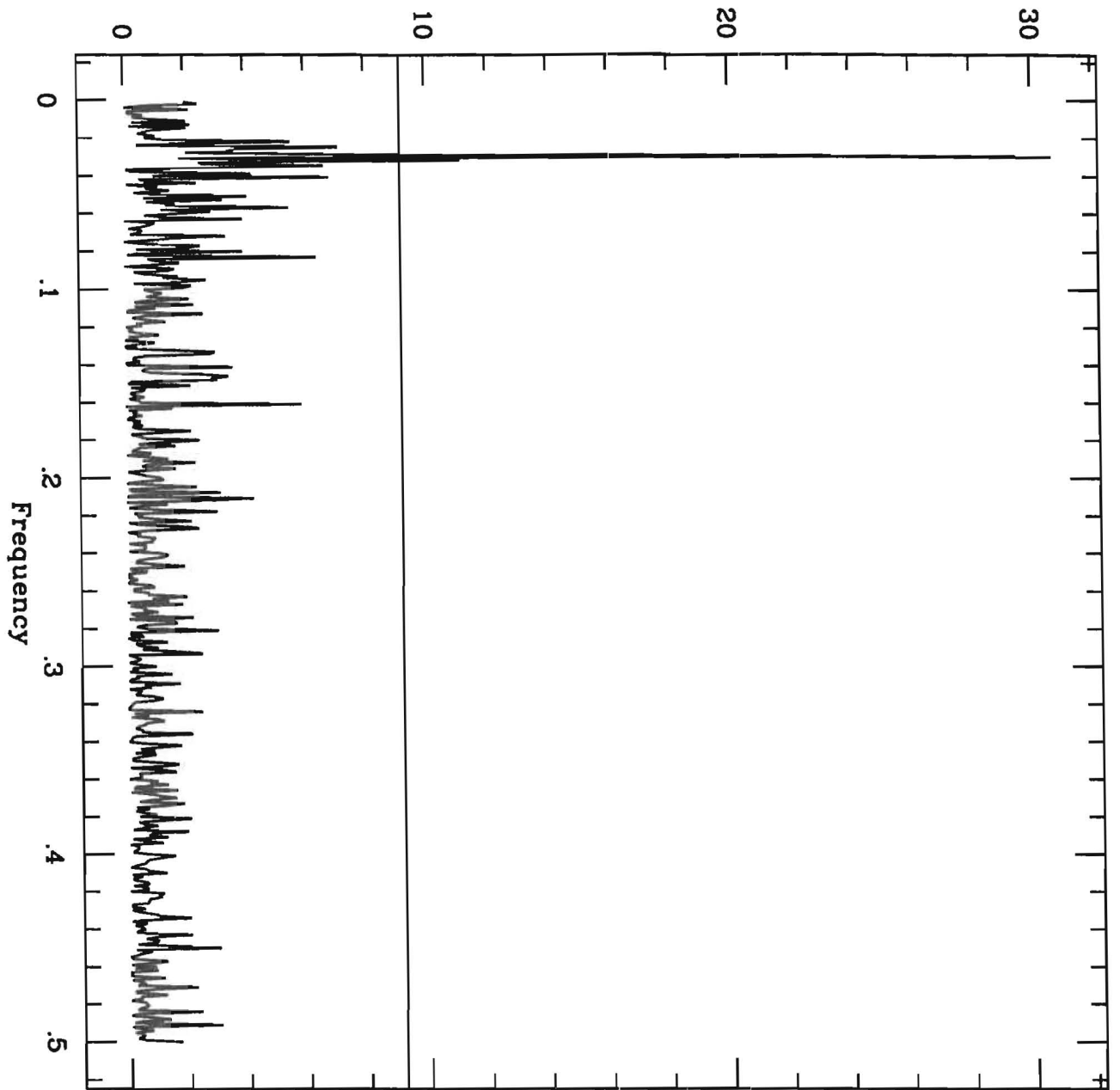


Figure 3

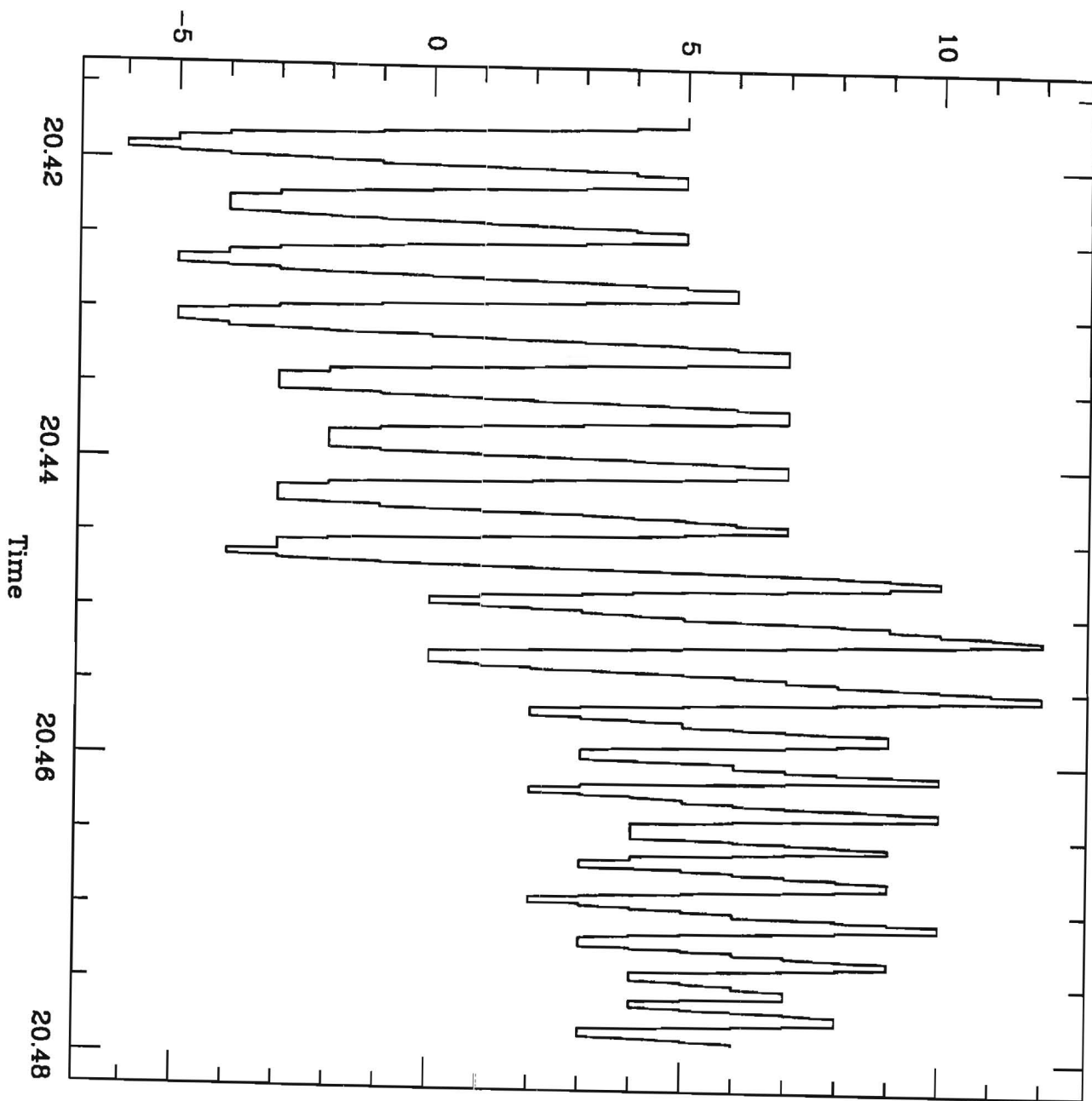


Figure 4a

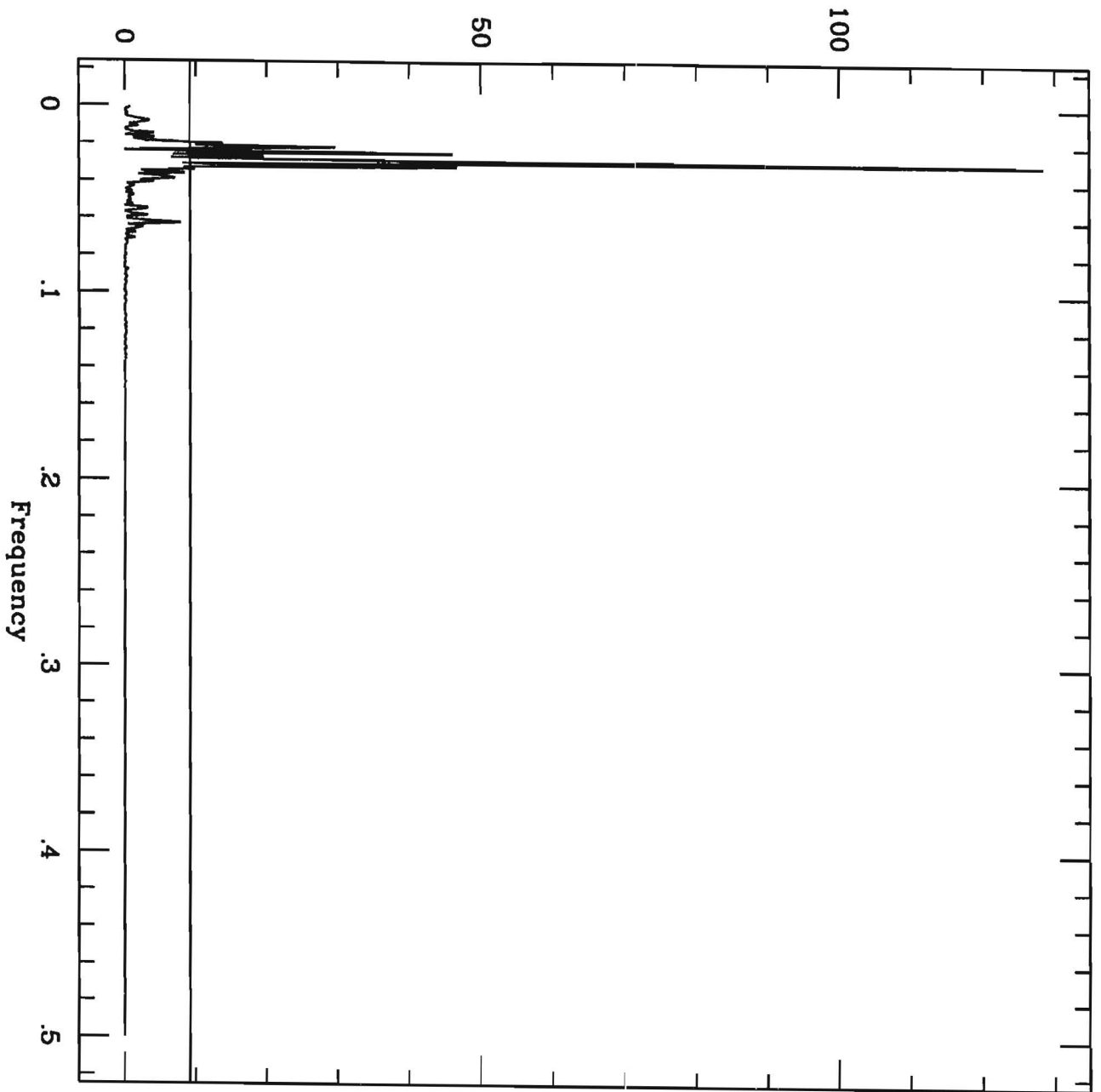


Figure 4b

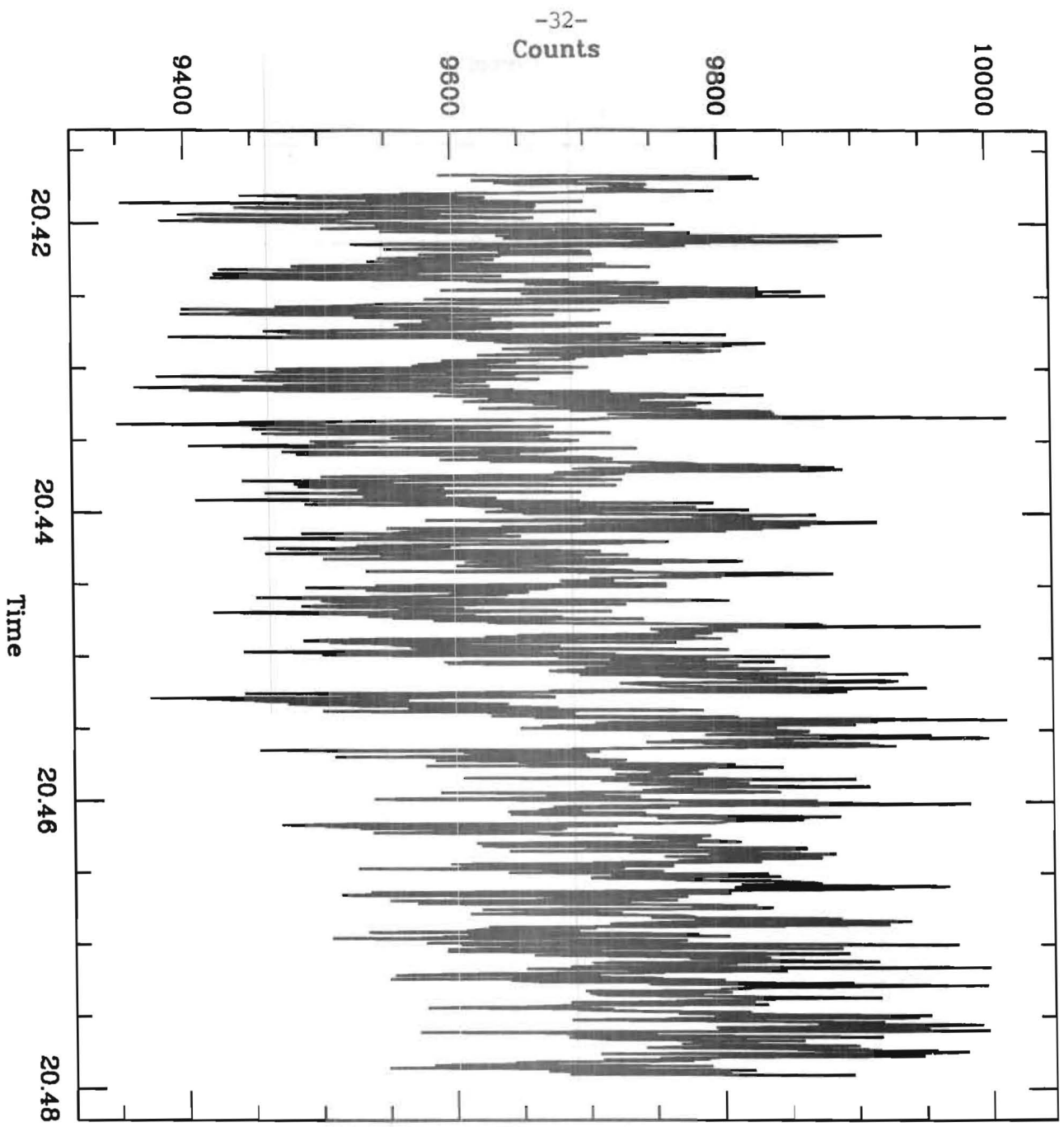


Figure 5

Cross-Correlation

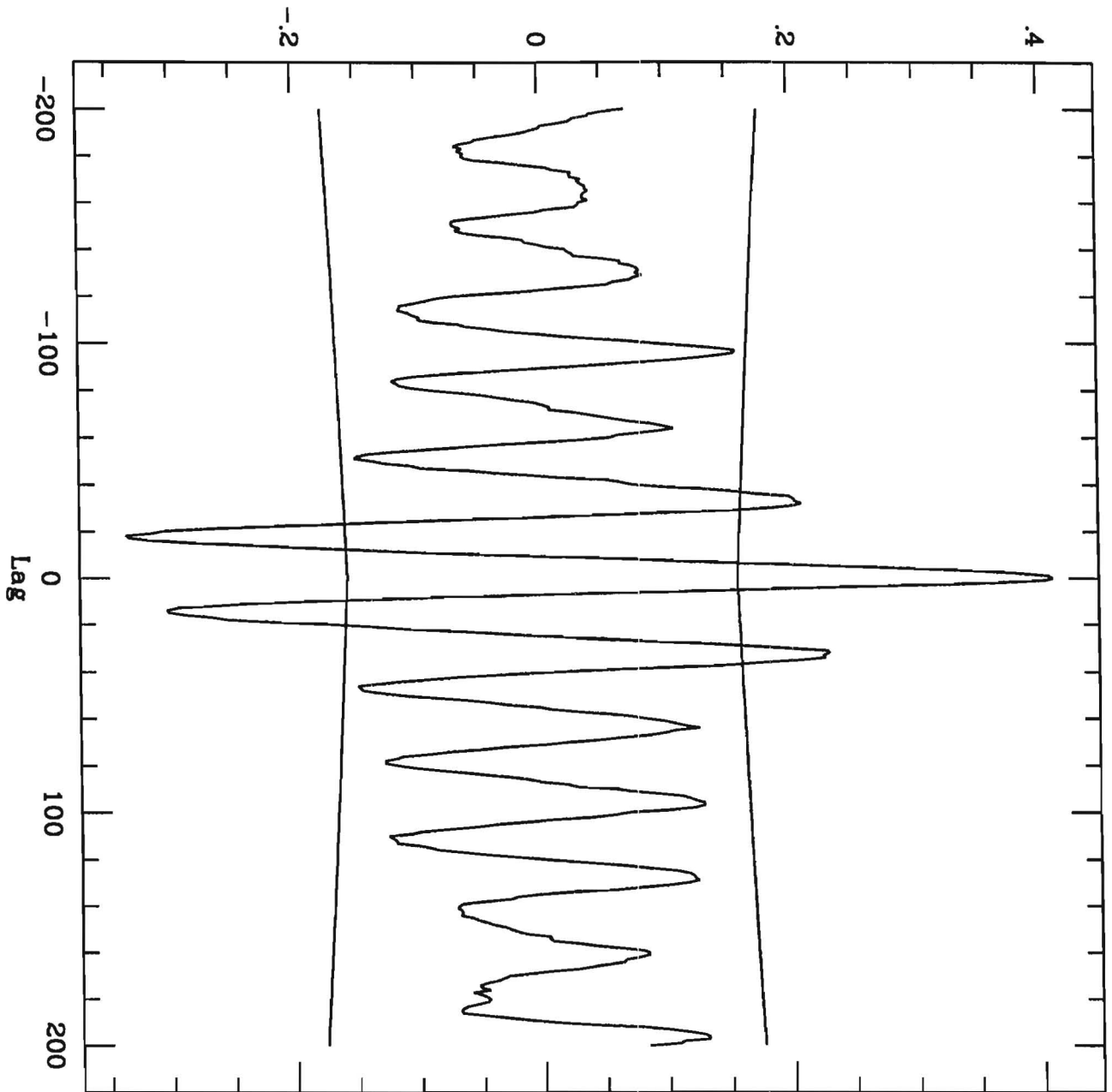


Figure 6

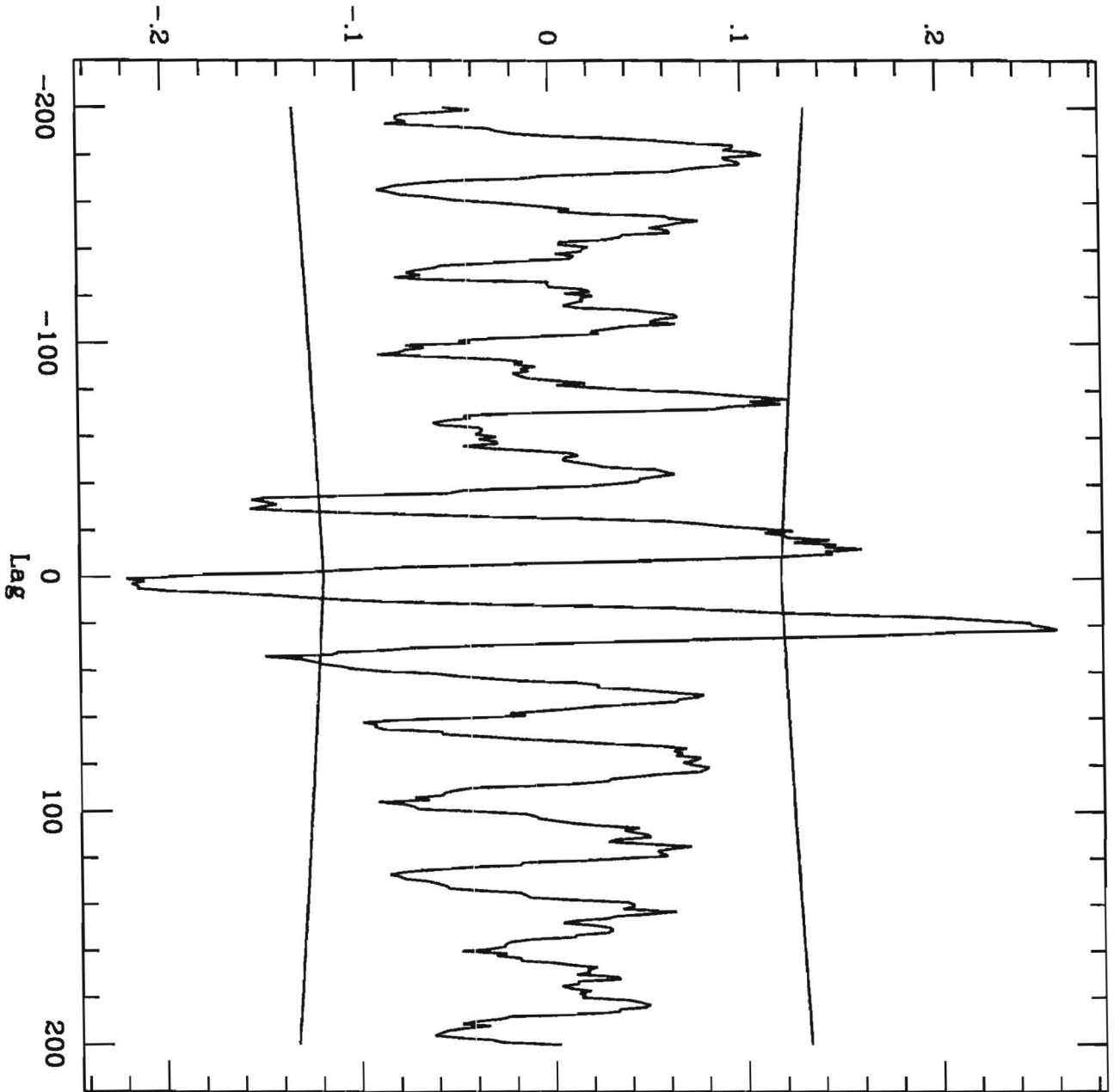


Figure 7

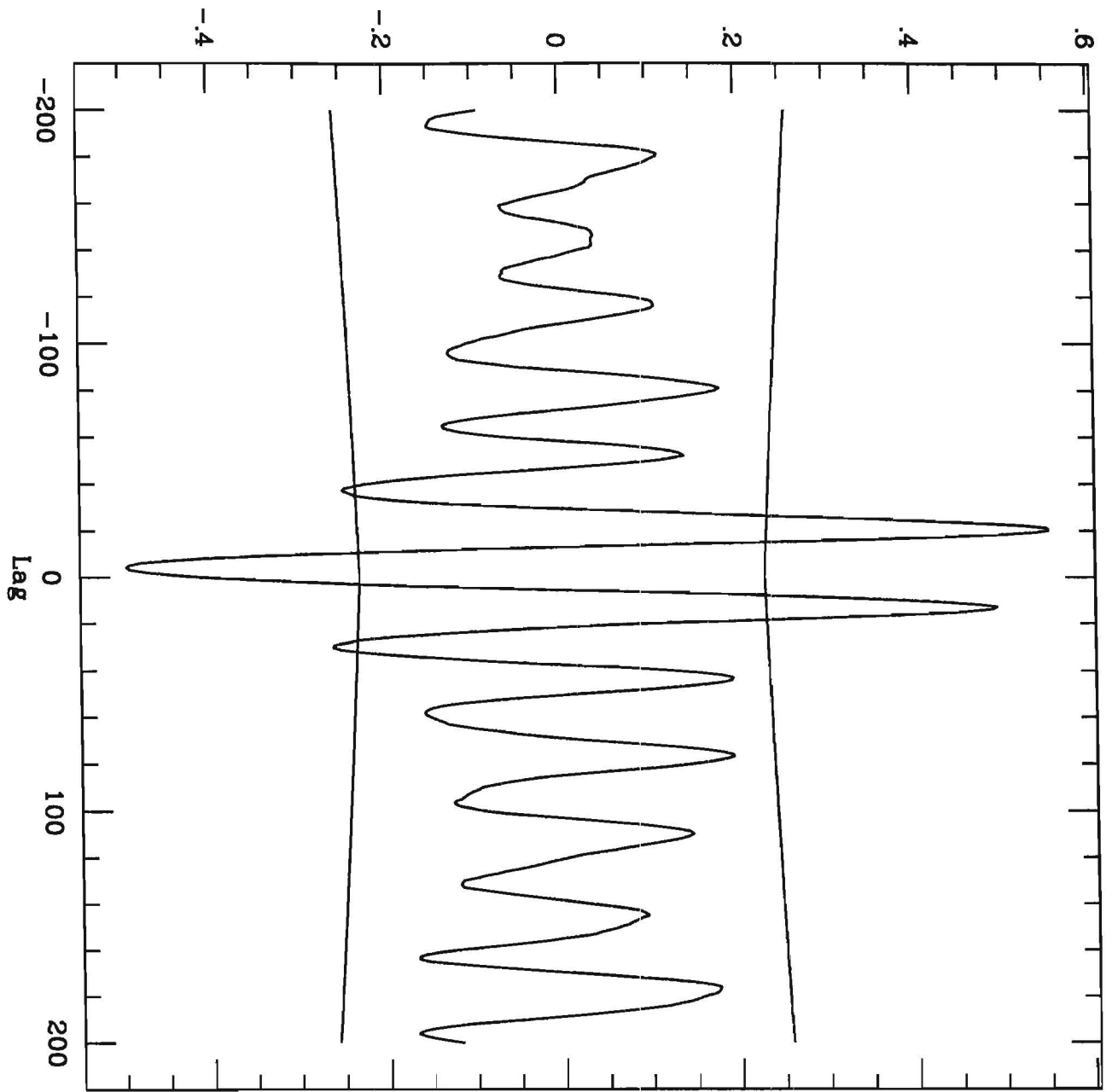


Figure 8

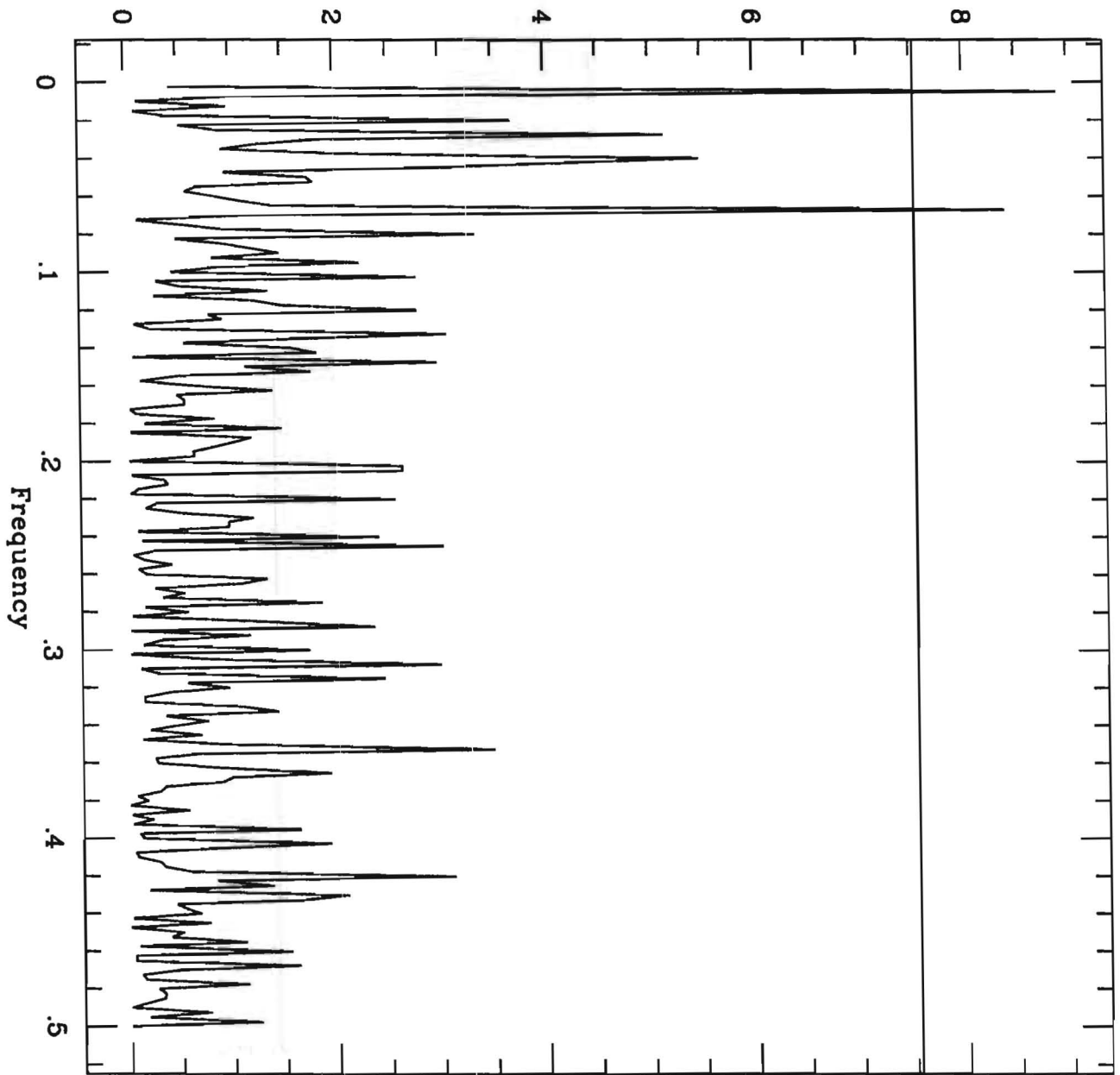


Figure 9a

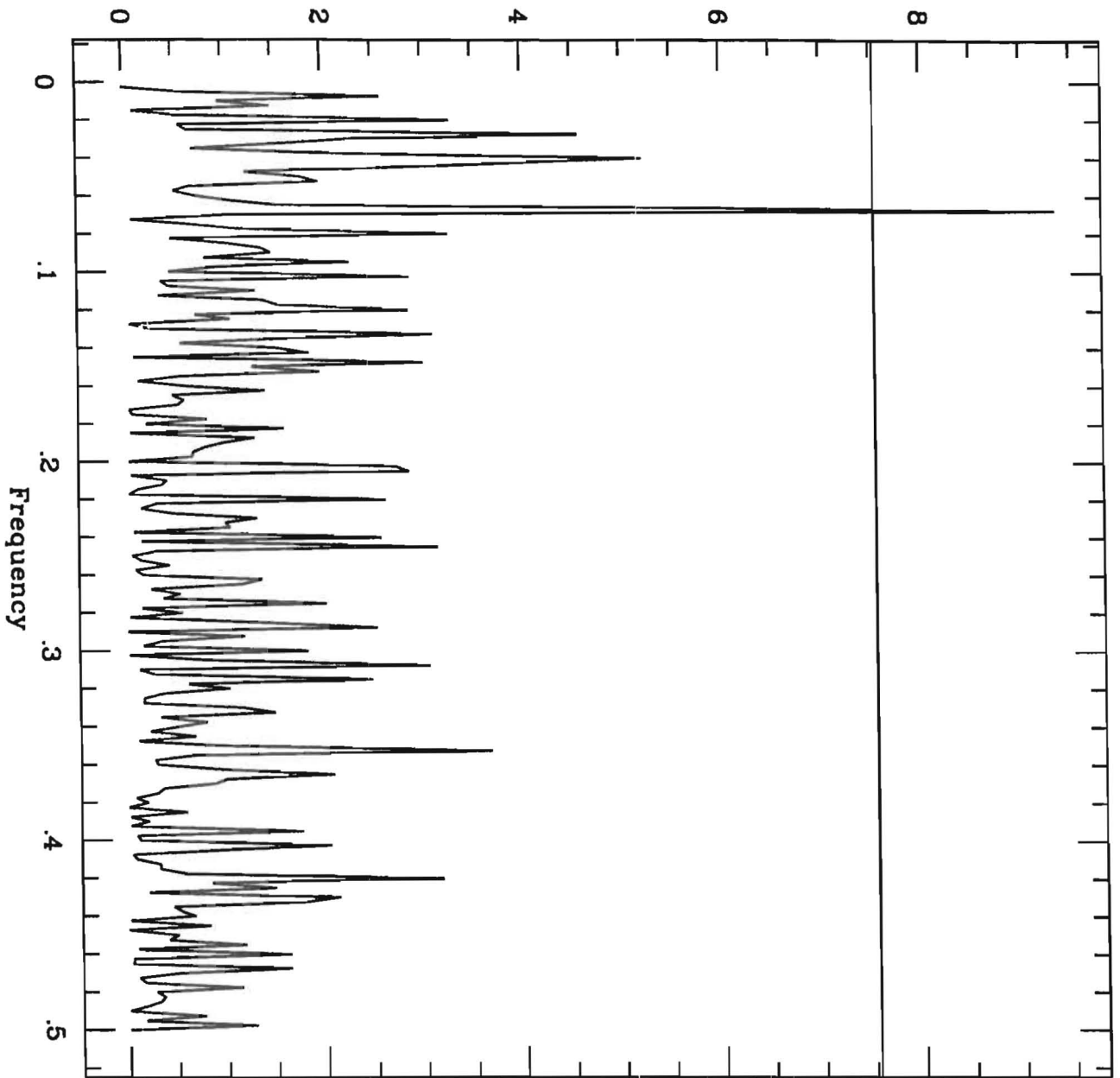


Figure 9b

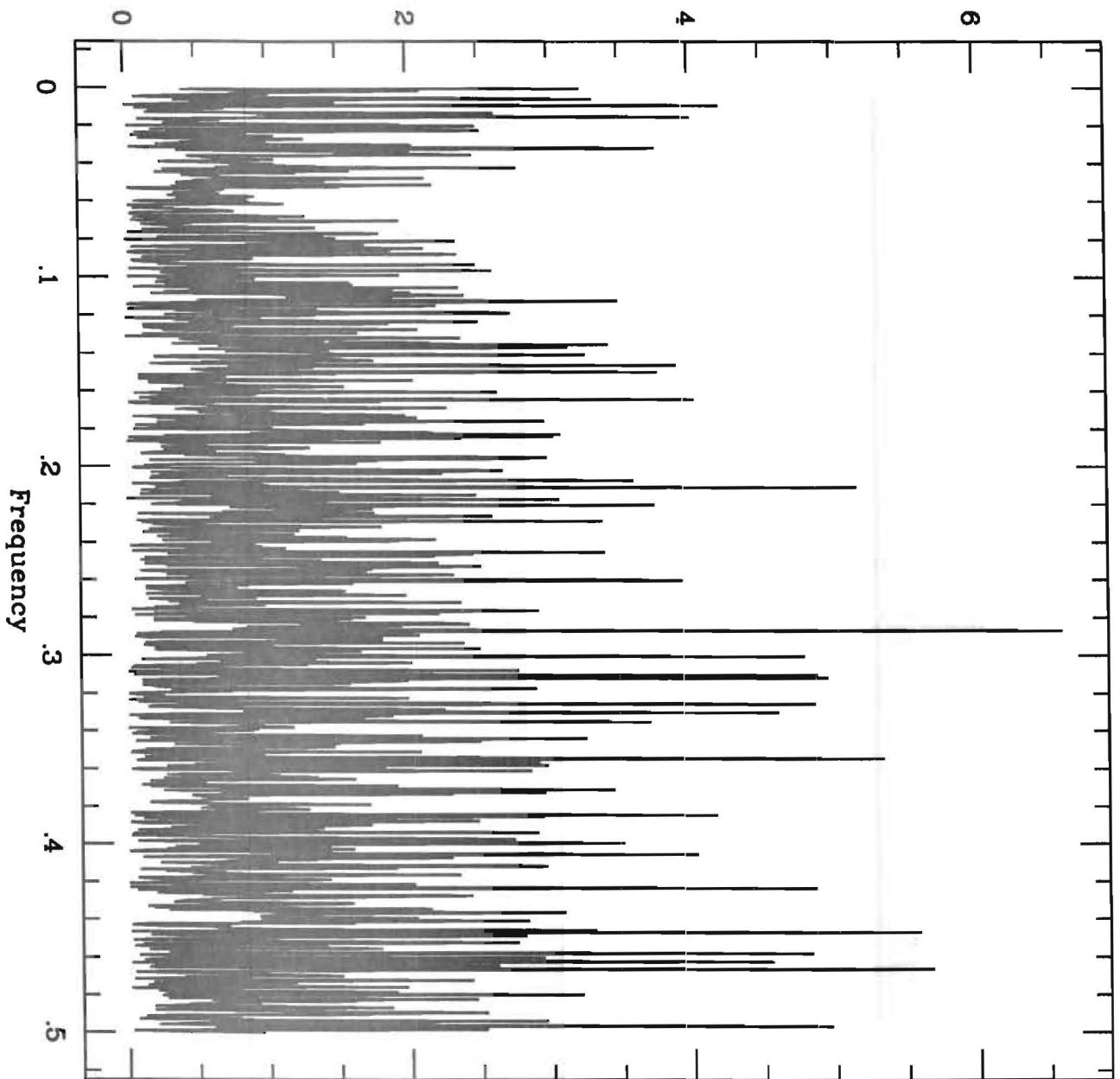


Figure 10

The catalogue to the IUE FES photometric archive -
September 21, 1992 through March 10, 1993

FILENAME	FESIM	OBJECT	R.A.	DEC	OBS.	EXP.	TIME	CTS	MD	CAM	STA	COMMENT	
			HHMMSSs	DDMMSS	YYMMDD	HHMMSS	MMM:SS					MAG. SPT	
920924VI	2575	GSC	5122.00670	1844274	-054621	920924	160930	393:00	226	FO	FES2	V	11.4
920925VI	2576	NGC	6752 4651	1905448	-601033	920925	162556	376:00	192	FO	FES2	V	11.5
920927VI	2577	NGC	6752 4651	1905448	-601033	920927	162330	383:00	132	SO	FES2	V	11.5
921010VI	2581	GSC	2221.00852	2244244	+231805	921010	145100	356:00	398	SO	FES2	V	10.6
921011VI	2582	GSC	2603.00825	1712584	+365051	921011	144300	364:00	300	FO	FES2	V	10.1
921012VI	2584	GSC	5122.00813	1844226	-044750	921014	144925	355:00	165	FO	FES2	V	11.6
921018VI	2589	GSC	5122.00670	1844274	-054621	921018	140505	405:00	151	FO	FES2	V	11.4
921024VI	2599	GSC	9166.00247	0534192	-694840	921024	143922	336:06	233	FO	FES2	V	10.4
921027VI	2600	GSC	5122.00813	1844226	-044750	921027	152605	322:00	66	FO	FES2	V	11.6
921116VI	2622	GSC	4686.01763	0143364	-013836	921116	125827	347:00	425	FO	FES2	V	10.7
921118VI	2623	HD	223155	2344305	+091614	921118	130652	340:00	1279	FO	FES2	V	9.0 K0
921121VI		HD	191511	2007128	+333030	921121	090625	440:00	1633	FO	FES2	V	7.5 G5 II
921122VI	2627	HD	211111	2212455	-460353	921122	124635	440:00	905	FO	FES2	V	10.0 K3 III
921128VI	2631	BD	+52 913	0501317	+524434	921128	131000	260:00	297	FO	FES2	V	10.0
921208VI	2674	HD	16160A	0233252	+064000	921208	100952	400:00	10483	FO	FES2	V	5.8 K3 V
930103VI		GSC	4959.01119	1253349	-053401	930103	081314	440:00	212	FO	FES2	V	12.8
930104VI	2679	GSC	4959.01119	1253349	-053401	930104	074657	440:00	253	FO	FES2	V	12.8
930105VI	2680	GSC	4959.01119	1253349	-053401	930105	075144	440:00	286	FO	FES2	V	12.8
930124VI		GSC	3253.00229	0036224	+480653	930126	070720	280:00	329	FO	FES2	V	11.7
930125VI		GSC	3253.00229	0036224	+480653	930125	062214	325:00	201	FO	FES2	V	11.7
930126VI		SAO	75477	0234448	+205639	930126	062957	250:00	495	FO	FES2	V	8.9 K0
930127VI		HD	116584	1322151	-380838	930127	063442	250:00	611	FO	FES2	V	9.5
930128VI		CPD	-62 469	0523576	-622447	930128	070404	250:00	250	FO	FES2	V	9.5 F4 V
930131VI	2692	?		1237091	-112222	930131	054121	315:00	292	FO	FES2	V	11.
930203VI		GSC	2533.01898	1247295	+341013	930203	061717	282:29	119	FO	FES2	V	10.6
930208VI	2695	GSC	1453.00082	1303140	+183124	930208	060215	320:00	286	FO	FES2	V	13.0
930211VI		HD	116548	1322151	-380838	930211	063500	305:00	1853	FO	FES2	V	10.1 G8III/IV
930212VI		HD	110438	1239277	+351924	930212	064500	325:00	687	FO	FES2	V	9.7 G5

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SUBCLASS	# OF SHIFTS REQUESTED		%		PROP.		15TH ROUND REQUESTED SHIFTS
	2 YR.	1 YR.	2 YR.	1 YR.	##	%	
Q	154.5	158	18.5	32.5	25	13.0	157
E	80	55	9.5	11.2	16	8.2	85
A	190	60.5	22.6	12.3	43	22.8	183.5
I	135.5	109.5	18.1	22.3	39	20.6	141.5
M	70	24	8.3	4.9	15	7.6	74
C	197	73.5	23.4	14.9	44	23.4	169.5
S	10	11	2.2	2.2	8	4.4	23
SUM	846	491.5			190		846
TOTAL	1337.5		63	37			

PROPOSAL STATISTICS

The table below shows the breakdown of Applications for IUE time according to category (Q, E, A, etc.) and according to whether it is a 1 year or 2 year proposal. for comparison last year's Applications are shown in the end column.

MERGED LOG OF IUE OBSERVATIONS

1 JUNE 1992 - 31 DECEMBER 1992

The merged log of VILSPA and Goddard images for the above dates is listed in order of right ascension. (For non-standard images the information given can be incomplete).

The Obejet Classification Codes (column 3) and the VILSPA Exposure Classification Codes (column 16) are listed overleaf.

CLASSIFICATION OF OBJECTS USED IN THE JOINT ESA/SERC LOG OF IUE OBSERVATIONS

00	SUN	50	R, N OR S TYPES
01	EARTH	51	LONG PERIOD VARIABLE STARS
02	MOON	52	IRREGULAR VARIABLES
03	PLANET	53	REGULAR VARIABLES
04	PLANETARY SATELLITE	54	DWARF NOVAE
05	MINOR PLANET	55	CLASSICAL NOVAE
06	COMET	56	SUPERNOVAE
07	INTERPLANETARY MEDIUM	57	SYMBIOTIC STARS
08	GIANT RED SPOT	58	T TAURI
09		59	X-RAY
10	W C	60	SHELL STAR
11	W M	61	ETA CARINAE
12	MAIN SEQUENCE O	62	PULSAR
13	SUPERGIANT O	63	NOVA-LIKE
14	OE	64	STELLAR OBJECT NOT INCLUDED ABOVE
15	OF	65	MISIDENTIFIED TARGETS
16	SD O	66	INTERACTING BINARIES
17	WD O	67	
18		68	
19	UV-STRONG	69	
20	B0-B2 V-IV	70	PLANETARY NEBULAR+CENTRAL STAR
21	B3-B5 V-IV	71	PLANETARY NEBULAR-CENTRAL STAR
22	B6-B9,5 V-IV	72	H II REGION
23	B0-B2 III-I	73	REFLECTION NEBULA
24	B3-B5 III-I	74	DARK CLOUD (ABSORPTION SPECTRUM)
25	B6-B9,5 III-I	75	SUPERNOVA REMNANT
26	BE	76	RING NEBULA (SHOCK-IONISED)
27	BP	77	
28	SDB	78	
29	WDB	79	
30	A0-A3 V-IV	80	SPIRAL GALAXY
31	A4-A9 V-IV	81	ELLIPTICAL GALAXY
32	A0-A3 III-I	82	IRREGULAR GALAXY
33	A4-A9 III-I	83	GLOBULAR CLUSTER
34	AE	84	SEYFERT GALAXY
35	AM	85	QUASAR
36	AP	86	RADIO GALAXY
37	WDA	87	BL LACERTAE OBJECT
38	HORIZONTAL BRANCH	88	EMISSION LINE GALAXY (NON-SEYFERT)
39	COMPOSITE	89	
40	F0-F2	90	INTERGALACTIC MEDIUM
41	F3-F9	91	
42	FP	92	
43	LATE TYPE DEGENERATE STARS	93	
44	G (TO 1FEB79); GIV-V (FROM 1FEB79)	94	
45	G I-III (FROM 1FEB79)	95	
46	K (TO 1FEB79); K IV-V (FROM 1FEB79)	96	
47	K I-III (FROM 1FEB79)	97	
48	M (TO 1FEB79); M DWARFS (FRM 1FEB79)	98	WAVELENGTH CALIBRATION (NASA LOG)
49	M I-III (FROM 1 FEB79)	99	NULLS AND FLAT FIELDS (NASA LOG)

THE CLASSIFICATION IS SUPPLIED BY D STICKLAND FOR USE ONLY WITHIN THE PROJECT

EXPOSURE CLASSIFICATION CODES

The exposure levels of Vilspa images are described by a 3-digit code listed in column 16 in the merged log.

DIGIT 1: EXPOSURE LEVEL OF CONTINUUM
DIGIT 2: EXPOSURE LEVEL OF EMISSION LINES
DIGIT 3: BACKGROUND LEVEL

The CONTINUUM and EMISSION are both classified as follows:-

0: NOT APPLICABLE
1: NO SPECTRUM VISIBLE
2: FAINT SPECTRUM: MAX DN < 20 ABOVE LOCAL BACKGROUND
3: UNDEREXPOSED: MAX DN < 100 ABOVE LOCAL BACKGROUND
4: WEAK: MAX DN BETWEEN 100 AND 150 ABOVE LOCAL BACKGROUND
5: GOOD: NO SATURATION BUT MAX DN OVER 150 ABOVE LOCAL BACKGROUND
6: A BIT STRONG: A FEW PIXELS SATURATED
7: SATURATED FOR LESS THAN HALF THE SPECTRUM
8: MOSTLY SATURATED BUT SOME PARTS USABLE
9: COMPLETELY SATURATED

The BACKGROUND is classified in terms of a standard region of each camera outside the area affected by the high resolution orders. The value used is the mean DN given by a subset histogram approximately 10 pixels in width.

The BACKGROUND classification codes are:- (limits inclusive)

0 DN<20
1 21<DN<30
2 31<DN<40
3 41<DN<50
4 51<DN<60
5 61<DN<70
6 71<DN<80
7 81<DN<90
8 91<DN<100
9 DN>101
X SATURATED

NOTES

- 1) No exposure classification code was assigned to VILSPA images before 1 August 1978.
- 2) Prior to 1 Sept 1979, the BACKGROUND digit was not included and the ECC occupied the first two places in the comment line.
- 3) The Goddard images are described in the comments by the gross DN of the CONTINUUM (C), EMISSION LINES (E) and BACKGROUND (B).

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	runmsst	ECC	Comment	
NQ02	NULL	99	99.99	000000	+000000	L 1	23375	0000		92062522	225500	000000	000	V	
FHCAL	WAWCAL	98		000000	+000000	H 1	24266	S 0		92110504	043500	000016	23	G E=60X,B=46	
NM021	NULL	99	99.99	000000	+000000	3	45002	0000		92062421	211300	000000	000	V	
RJ057	NULL	99	99.99	000000	+000000	L 3	45137	0000		92071420	200549	000000	460	V	
EC079	NULL	99	99.99	000000	+000000	1	23615	0000		92080100	000000	000000		V	
PI024	NULL	99	99.99	000000	-000000	3	45498	0000		92090116	000000	000000	000	V	
FC000	NULL	99	08.90	000000	+000000	L 3	45585	01062	FO	92090900	000000	000000		V FESBCK:34,SD;	
FC018	NULL	99	99.99	000000	+000000	1	24044	0000		92100100	000000	000000		V SAFETY HEAD	
FC018	NULL	99	99.99	000000	+000000	H 3	45822	0000		92100100	000000	000000	000	V SAFETY HEAD	
FM002	NULL	99	99.99	000000	+000000	3	45835	0000		92100300	000000	000000	111	V SAFETY HEAD	
PA071	SKY	99	99.99	000000	+000000	L 1	24298	L 0000		92110913	131627	002500	300	V	
EM128	NULL	99	99.99	000000	+000000	3	46368	0000		92112911	000000	000000		V	
FHCAL	NULL	99	99.99	000000	+000000	L 1	24415	0000		92120510	000000	000000	009	V HIGH GAIN HEAD	
FHCAL	60%CALV	99	99.99	000000	+000000	L 1	24416	0000		92120511	000000	000000	005	V FINAL UWIEMP=38	
FHCAL	20%CALV	99	99.99	000000	+000000	L 1	24417	0000		92120512	000000	000000	003	V FINAL UWIEMP=36	
FHCAL	120% CALV	99	99.99	000000	+000000	L 1	24418	0000		92120512	000000	000000	007	V FINAL UWIEMP=42	
FHCAL	60% CALV	99	99.99	000000	+000000	L 1	24419	0000		92120513	000000	000000	005	V FINAL UWIEMP=39	
FHCAL	100% FHCAL	99	99.99	000000	+000000	L 1	24420	0000		92120513	000000	000000	009	V	
FHCAL	160% CALV	99	99.99	000000	+000000	L 1	24421	0000		92120514	000000	000000	009	V FINAL UWIEMP=33	
FHCAL	NULL	99	99.99	000000	+000000	L 1	24422	0000		92120515	000000	000000	000	V SECOND HEAD	
FHCAL	NULL	99	99.99	000000	+000000	L 1	24423	0000		92120515	000000	000000	009	V HIGH GAIN HEAD	
FHCAL	NULL	99	99.99	000000	+000000	L 1	24424	0000		92120516	000000	000000	000	V	
FM123	NULL	99	99.99	000000	+000000	H 3	46437	0000		92120900	000000	000000		V SAFETY HEAD	
FM123	NULL	99	99.99	000000	+000000	L 3	46550	0000		92122211	000000	000000	004	V	
FHCAL	60% CALV	99	99.99	000000	+000000	L 3	46551	L 0000		92122212	121027	000149	004	V	
FHCAL	20%CALV	99	99.99	000000	+000000	L 3	46552	0000		92122212	124158	000036	001	V	
FHCAL	120% CALV	99	99.99	000000	+000000	L 3	46553	0000		92122213	131210	000338	007	V	
FHCAL	60% CALV	99	99.99	000000	+000000	L 3	46554	0000		92122213	134451	000149	004	V	
FHCAL	100%FHCAL	99	99.99	000000	+000000	L 3	46555	0000		92122214	141028	000016	009	V	
FHCAL	160%CALV	99	99.99	000000	+000000	L 3	46556	0000		92122214	144846	000451	009	V	
FHCAL	NULL	99	99.99	000000	+000000	L 3	46557	0000		92122215	151700	000000	000	V	
FHCAL	NULL	99	99.99	000000	+000000	L 3	46558	0000		92122215	154200	000000	004	V	
FHCAL	NULL	99	99.99	000000	+000000	L 3	46559	0000		92122216	160421	000000	000	V	
SXMM	MN 344	81		000357	+214054	L 3	45117	L 0	EO	92071204	041800	039000	334	G E=84,C=90,B=59	
CL2Z	000319	64	11.30	0003523	+195335	L 1	23791	L 456	SD	92082810	100500	000700	302	G C=64,B=35	
CL2Z	000319	64	11.30	0003523	+195335	L 1	23792	L 481	SD	92082810	105100	004000	407	G C=192,B=83	
CL2Z	000319	64	11.30	0003523	+195335	L 1	24304	F 464	SD	92111402	020900	004000	402	G C=186,B=37	
CL2Z	000319	64	11.30	0003523	+195335	L 3	45456	L 477	SD	92082811	113900	007000	08	G B=99	
SC014	HD	43	12.10	0004177	+24818	L 3	45947	L 221	SD	92101509	095800	017000	03	G B=41	
SC014	HD	43	40	2.250	0006298	+585227	L 3	45173	L 2378	FU	92071903	034800	000005	300	G C=100,B=18
SC014	HD	43	40	2.250	0006298	+585227	L 3	45174	L 2470	FU	92071904	042300	000400	230	G E=49,C=25X,B=12
SC014	HD	43	40	2.250	0006298	+585227	L 3	45174	S 2453	FU	92071904	043200	000400	230	G E=44,C=25X,B=14
SC014	HD	43	40	2.250	0006298	+585227	L 3	45175	L 2416	FU	92071905	051500	001200	330	G E=82,C=36.5X,B=14
SC014	HD	43	40	2.250	0006298	+585227	L 3	45176	L 2454	FU	92071906	060300	001200	330	G E=78,C=36.5X,B=14
SC014	HD	43	40	2.250	0006298	+585227	L 3	45177	L 2479	FU	92071907	070800	001200	230	G E=91,C=36.5X,B=16
SC014	HD	43	40	2.250	0006298	+585227	L 3	45178	L 2432	FU	92071907	075500	001200	230	G E=85,C=36.5X,B=16
SC014	HD	43	40	2.250	0006298	+585227	L 3	45179	L 2487	FU	92071908	084800	001200	330	G E=107,C=36.5X,B=15
SC014	HD	43	40	2.250	0006298	+585227	L 3	45180	L 2475	FU	92071909	093500	000600	330	G E=87,C=36.5X,B=14
SC014	HD	43	40	2.250	0006298	+585227	L 3	45180	S 2449	FU	92071909	094600	000600	330	G E=63,C=36.5X,B=14
SC014	HD	43	40	2.250	0006298	+585227	L 3	45181	L 2415	FU	92071910	103200	001200	330	G E=90,C=36.5X,B=15

HO	Objct	CL	MAG	R.A.	DEC	D C	Image	A	FES	MD	Obs.date	Exptim	transstt	ECC	Comment
EC01A	HD	432	40	2.250	0006298	+585227	L 3	45182	L	2485	FU	92071911	112300	001200	230 G E=90,C=36.5X,B=16
EC01A	HD	432	40	2.250	0006298	+585227	L 3	45183	L	2444	FU	92071912	121800	001200	230 G E=92,C=36.5X,B=17
EC01A	HD	432	40	2.250	0006298	+585227	L 3	45184	L	2412	FU	92071913	130900	001200	330 G E=104,C=36.5X,B=15
EC01A	HD	432	40	2.250	0006298	+585227	L 3	45185	L	2494	FU	92071914	140800	001200	30 G E=91,B=19
EC01A	HD	432	40	2.250	0006298	+585227	L 3	45186	L	2417	FU	92071915	150600	000600	230 G E=106,C=36.5X,B=19
EC01A	HD	432	40	2.250	0006298	+585227	L 3	45186	S	2420	FU	92071915	151600	000600	230 G E=56,C=36.5X,B=19
EC01A	HD	432	40	2.250	0006298	+585227	L 3	45187	L	2473	FU	92071915	155100	000600	330 G E=71,C=36.5X,B=15
EC01A	HD	432	40	2.250	0006298	+585227	L 3	45188	L	2549	FU	92071916	163000	000600	230 G E=93,C=36.5X,B=16
EC01A	HD	432	40	2.250	0006298	+585227	L 3	45189	L	2569	FU	92071917	170600	000600	330 G E=86,C=36.5X,B=15
EC01A	NULL		99		0006298	+585227	L 3	45190	L	0		92071917	174500	000000	00 G B=17
EC01A	NULL		99		0006298	+585227	L 3	45191	L	0		92071918	180500	000000	00 G B=17
EC01A	NULL		99		0006298	+585227	L 3	45192	L	0		92071918	182600	000000	00 G B=17
IB01P	HD	232121	66	9.200	0008040	+543700	L 1	23939	L	601	FO	92091510	103300	001500	5X3 G E=1.5X,C=221,B=48
IB01P	HD	232121	66	9.200	0008040	+543700	L 1	23940	L	561	FO	92091512	122200	002000	523 G E=2x,C=252,B=42
IB01P	HD	232121	66	9.200	0008040	+543700	L 1	23941	L	521	FO	92091513	135700	001500	5X2 G E=1.5X,C=211,B=38
IB01P	HD	232121	66	9.200	0008040	+543700	L 1	23949	L	404	FO	92091609	090500	003000	??2 G E=3x,C=1.5x,B=38
IB01P	HD	232121	66	9.200	0008040	+543700	L 1	23950	L	413	FO	92091611	112300	001500	5X3 G E=1.5X,C=214,B=47
IB01P	HD	232121	66	9.200	0008040	+543700	L 1	23951	L	407	FO	92091613	132400	005500	X3 G E=6x,C=4x,B=41
IB01P	HD	232121	66	9.200	0008040	+543700	L 1	23960	L	411	FO	92091708	083300	004000	??2 G E=4x,C=6x,B=38
IB01P	HD	232121	66	9.200	0008040	+543700	L 1	23961	L	425	FO	92091710	103200	002000	??2 G E=1.5x,C=1.5x,B=38
IB01P	HD	232121	66	9.200	0008040	+543700	L 1	23962	L	433	FO	92091712	121300	001500	5X2 G E=1.5X,C=225,B=34
IB01P	HD	232121	66	9.200	0008040	+543700	L 1	23963	L	446	FO	92091713	134500	001000	4X2 G E=1.5X,C=173,B=32
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45644	L	610	FO	92091509	095300	003000	441 G E=160,C=146,B=21
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45645	L	585	FO	92091511	111200	006000	5X3 G E=1.5X,C=216,B=45
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45646	L	544	FO	92091512	125700	005000	450 G E=208,C=155,B=19
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45647	L	504	FO	92091514	143100	006800	330 G E=89,C=67,B=14
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45656	L	398	FO	92091607	075300	006000	350 G E=185,C=101,B=20
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45657	L	408	FO	92091609	094400	009000	4X5 G E=1.5X,C=179,B=63
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45658	L	409	FO	92091611	115600	008000	452 G E=248,C=141,B=33
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45659	L	403	FO	92091614	142600	002300	330 G E=100,C=50,B=15
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45664	L	412	FO	92091707	072600	006000	350 G E=206,C=111,B=19
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45665	L	416	FO	92091709	092300	006000	350 G E=208,C=112,B=19
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45666	L	425	FO	92091711	110500	006000	450 G E=228,C=133,B=20
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45667	L	435	FO	92091712	124600	005000	450 G E=205,C=121,B=18
IB01P	HD	232121	66	9.200	0008040	+543700	L 3	45668	L	462	FO	92091714	141500	003500	340 G E=153,C=95,B=17
IB02C	HD	627	73	8.290	0008079	+582929	L 1	23726	L	1520	FO	92082008	082500	000200	X02 G C=1.5X,B=33
IB02C	HD	627	73	8.290	0008079	+582929	L 3	45378	L	1512	FO	92082008	081700	000300	500 G C=210,B=20
IB02H	NTC	40	70		0010164	+721438	L 1	24372	L	0	BO	92113009	091200	001000	552 G E=215,C=200,B=37
IB02H	NTC	40	70	10.70	0010164	+721438	L 3	46379	L	0	BO	92113008	082700	002000	4X0 G E=1.5X,C=156,B=19
IB02H	NTC	40	70	10.70	0010164	+721438	L 3	46380	L	0	BO	92113009	094500	002000	4X0 G E=1.5X,C=165,B=18
NIL36	RXJ0019.8+	59	12.97	0017140	+214014	L 3	45128	L	00112	SO	92071321	214502	004000		450 V FRESHCK:309,SO;
NIL36	RXJ0019.8+	59	13.00	0017140	+214014	L 1	23497	L	00109	SO	92071322	223944	002000		500 V FRESHCK:309,SO;
NIL36	RXJ0019.8+	59	13.07	0017140	+214014	L 3	45129	L	00102	SO	92071323	231052	004000		450 V FRESHCK:309,SO;
NIL36	RXJ0019.8+	59	13.17	0017140	+214014	L 1	23498	L	00094	SO	92071400	000129	002000		501 V FRESHCK:309,SO;
NIL36	RXJ0019.8+	59	99.99	0017140	+214014	L 3	45130	L	00000		92071400	005012	004000		550 V FRESHCK:309,SO;
NIL36	RXJ0019.8+	59	13.07	0017140	+214014	L 1	23499	L	00103	SO	92071401	013702	002000		501 V FRESHCK:309,SO;
NIL36	RXJ0019.8+	59	13.07	0017140	+214014	L 3	45131	L	00103	SO	92071402	020714	004000		550 V FRESHCK:309,SO;
NIL36	RXJ0019.8+	59	12.84	0017140	+214014	L 3	45127	L	00126	SO	92071320	201353	003000		440 V FRESHCK:309,SO;
NIL36	RXJ0019.8+	59	13.06	0017140	+214014	L 1	23496	L	00103	SO	92071320	205802	003000		601 V FRESHCK:309,SO;
SURFC	HD	1835	04	6.400	0020180	-122915	H 1	23657	L	7115	FO	92080700	005400	008500	433 G E=138,C=160,B=44

FO	Object	CL	MAG	R.A.	DEC	D C	Image	A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
SJDEG HD	1835	44	6.400	0020180	-122915	H 1	24326	L	8276	FO	92111901	012600	008500	543	G E=193,C=227,B=48
SJDEG HD	1835	44	6.400	0020180	-122915	L 3	45299	L	7298	FO	92080702	022400	018000	331	G E=101,C=121,B=26
PHCAL HR 88		44	07.09	0020191	-122912	L 1	24373	L	05265	FO	92113012	125441	000100	400	V FESECK:10046,FO;
PHCAL HR 88		44	07.07	0020191	-122912	L 1	24374	L	05354	FO	92113013	133946	000130	500	V FESECK:9838,FO;
PHCAL HR 88		44	07.04	0020191	-122912	L 1	24375	L	05501	FO	92113014	142223	000200	600	V FESECK:9900,FO
PHCAL HR 88		44	07.03	0020191	-122912	L 1	24376	L	05538	FO	92113015	151115	000400	600	V FESECK:9991,FO;
PHCAL HR 88		44	07.04	0020191	-122912	L 1	24377	L	05509	FO	92113015	155635	000100	400	V FESECK:10093,FO;
SECEL T CAS		43	7.300	0020315	+553056	L 3	45914	L	4649	FO	92101011	110200	003000	00	G B=17
SJDEG HD	2151	44	2.800	0023090	-773200	H 1	24324	L	1607	FU	92111823	232600	001500	X43	G E=158,C=2X,B=50
SJDEG HD	2151	44	2.800	0023090	-773200	H 1	24325	L	1580	FU	92111900	002300	001500	X44	G E=164,C=2X,B=52
SJDEG HD	2151	44	2.800	0023090	-773200	L 3	46298	L	1602	FU	92111823	234800	002000	X30	G E=60,C=1.5X,B=17
USJFS HD	2151	49	2.800	0023091	-773208	H 1	23571	L	1494	FU	92072401	012000	000400	X02	G C=1.5X,B=40
USJFS HES 1075		50	14.90	0023293	-193523	L 3	45418	L	0	BO	92082402	021400	039500	05	G B=70
USJFS HD	2261	47	2.400	0023498	-423455	L 3	46135	L	2139	FU	92110510	101400	003000	350	G E=203,C=40,B=17
PHCAL SP0128839		00	05.76	0032404	-035204	E 9	02664	2	15700	FO	92120316	165000	016000		V FESECK:3320:FO;FES T
PHCAL HD 3360		21	3.680	0034103	+533719	H 1	23420	L	928	FU	92070217	171400	000021	502	G C=212,B=39
PHCAL HD 3360		21	3.680	0034103	+533719	H 1	23623	L	1009	FU	92080303	031000	000021	502	G C=201,B=39
PHCAL HD 3360		21	3.680	0034103	+533719	H 1	23637	L	910	FU	92080502	023700	000021	503	G C=229,B=41
PHCAL HD 00003360		21	3.680	0034103	+533719	H 1	23638	L	927	FU	92080503	031400	000021	502	G C=237,B=38
PHCAL HD 3360		21	3.680	0034103	+533719	H 1	23639	L	947	FU	92080506	064000	000021	502	G C=219,B=39
PHCAL HD 3360		21	3.680	0034103	+533719	H 1	23647	L	928	FU	92080602	024800	000021	503	G C=210,B=48
PHCAL HD 3360		21	3.680	0034103	+533719	H 1	23648	L	919	FU	92080603	032100	002010	402	G C=175,B=39
PHCAL HD 3360		21	3.680	0034103	+533719	H 1	23649	L	1004	FU	92080606	065900	000021	502	G C=210,B=40
PHCAL HD 00003360		21	3.680	0034103	+533719	H 1	23859	L	897	FU	92090611	112000	000021	503	G C=229,B=49
PHCAL HD 00003360		20	3.680	0034103	+533719	H 1	24144	L	812	FU	92102423	234300	000021	502	G C=233,B=39
PHCAL HD 00003360		20	3.680	0034103	+533719	H 1	24365	L	985	FU	92112909	094700	000021	502	G C=223,B=39
PHCAL HD 00003360		20	3.680	0034103	+533719	H 1	24560	L	12248	FU	92122307	072400	000021	302	G C=114,B=36
PHCAL HD 3360		20	3.680	0034103	+533719	H 2	18683	L	4579	FU	92122904	042000	000028	301	G C=106,B=25
PHCAL HD 3360		21	3.680	0034103	+533719	H 3	45055	L	933	FU	92070217	170500	000024	501	G C=183,B=29
PHCAL HD 3360		20	3.680	0034103	+533719	H 3	45271	L	926	FU	92080313	133900	000024	502	G C=193,B=36
PHCAL HD 00003360		21	3.680	0034103	+533719	H 3	45538	L	903	FU	92090611	112400	000024	502	G C=191,B=38
PHCAL HD 00003360		20	3.680	0034103	+533719	H 3	46052	L	837	FU	92102500	000900	000024	502	G C=199,B=33
PHCAL HD 00003360		20	3.680	0034103	+533719	H 3	46263	L	856	FU	92111401	010600	000024	502	G C=186,B=32
PHCAL HD 00003360		20	3.680	0034103	+533719	H 3	46564	L	12197	FU	92122307	073200	000024	401	G C=155,B=29
PNNST HB-1		70		0034449	-135927	L 1	23692	L	0	BO	92081313	135100	002500	07	G B=90
PNNST HB-1		70	15.00	0034449	-135927	L 1	23697	L	0	BO	92081414	142700	012000	309	G C=200,B=160
PNNST HB-1		70	15.00	0034449	-135927	L 1	23699	L	0	BO	92081513	132600	020000	339	G E=189,C=160,B=120
HCOMP NIC HB-1		70	15.00	0034449	-135927	L 1	23713	L	0	BO	92081813	131700	003000	35	G E=107,B=64
HCOMP HB-1		70	15.00	0034449	-135927	H 1	23718	L	0	BO	92081902	023800	036000	06	G B=75
PHCAL SKYFOND		07		0034449	-135927	L 1	23719	L	0		92081911	114500	003000	03	G B=45
PNNST HB-1		70	15.00	0034449	-135927	L 3	45330	L	0	BO	92081312	121400	009000		G B=1.7X
PNNST HB-1		70		0034449	-135927	L 3	45331	L	0	BO	92081314	142800	002500	41	G E=205,B=55
PNNST HB-1		70		0034449	-135927	L 3	45332	L	0	BO	92081315	152600	002500	52	G E=210,B=32
PNNST HB-1		70		0034449	-135927	L 3	45338	L	0	BO	92081410	105100	003000	41	G E=177,B=30
PNNST HB-1		70	15.00	0034449	-135927	L 3	45339	L	0	BO	92081411	114700	002500	45	G E=197,B=65
PNNST HB-1		70	15.00	0034449	-135927	L 3	45340	L	0	BO	92081412	123800	003000		G E=1.5X,C=1.80
PNNST HB-1		70	15.00	0034449	-135927	L 3	45341	L	0	BO	92081413	134900	003000	X8	G E=1.5X,B=100
PNNST HB-1		70	15.00	0034449	-135927	L 3	45345	L	0	BO	92081510	104200	006000	301	G E=1.5X,C=50,B=26
PNNST HB-1		70	15.00	0034449	-135927	L 3	45346	L	0	BO	92081512	121000	002000	41	G E=155,B=25
PNNST HB-1		70		0034449	-135927	L 3	45347	L	0	BO	92081512	125800	002000	242	G E=165,C=50,B=32

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs. date	Exp	lim	ramms	stt	ECC	Comment
HDMF N/C	HB-1	70	15.00	0034449	-135927	H 3	45367 L	0	BO	92081810	101700	012000				43 G F=156, B=44
HDMF N/C	HB-1	70	15.00	0034449	-135927	L 3	45368 L	0	BO	92081812	124100	012500				52 G B=209, B=36
HDMF N/C	HB-1	70	15.00	0034449	-135927	H 3	45369 L	0	BO	92081813	135100	017500				44 G F=196, B=60
HDMF N/C	HB-1	70	15.00	0034449	-135927	H 3	45371 L	0	BO	92081908	084400	033000				X9 G F=1.5X, B=109
HDMF N/C	HB-1	70	15.00	0034449	-135927	H 3	45386 L	0	BO	92082101	015800	015000				43 G F=168, B=45
MCOB HD	3651	46	5.800	0036454	+205852	L 3	45232 L	10445	FO	92072701	014200	042500				306 G C=125, B=76
USOAK N/C	210	80	11.60	0038041	-140851	L 1	23673 L	0	BO	92081102	021900	037000				307 G C=144, B=90
USOAK N/C 210		80	11.60	0038041	-140851	L 3	45309 L	0	BO	92081000	003100	046500				206 G C=95, B=75
NC199 FHD044+09	46	11.18	0041255	+091634	3	44864 L	00137	FO	92060422	220131	006000					700 V
NC199 FHD044+09	46	10.61	0041255	+091634	L 1	23739 L	00230	FO	92082118	182226	003000					552 V FESBCK: 18 S/O;
NC199 FHD044+09	46	10.64	0041255	+091634	L 3	45396 L	00225	FO	92082118	185841	003000					500 V FESBCK: 18 S/O;
NC199 FHD044+09	46	10.63	0041255	+091634	H 1	23740 L	00226	FO	92082119	193738	012000					303 V FESBCK: 18 S/O;
FC045 SKY	07	99.99	0041427	+394623	E 9	02594 2	00000			92102016	163000	016000				V FES FOR TEST
FC045 HD174	57	07.36	0041526	+402421	E 9	02593 2	16711	SO	92102016	164400	016000					V FESBCK:53,SO; FES FO
FC045 HD174	57	07.36	0041527	+402422	E 9	02591 2	16711	SO	92102014	141500	016000					V FESBCK:53,SO; FES FO
FC045 HD174	57	07.36	0041527	+402422	E 9	02592 2	16711	SO	92102015	153000	016000					V FESBCK:53,SO; FES FO
FC045 HD 4174	57	07.36	0041527	+402422	E 9	02595 2	16711	SO	92102018	180000	016000					V FESBCK:53,SO; (FES F
FC045 HD174	57	07.36	0041527	+402422	E 9	02596 2	16711	SO	92102019	192600	016000					V FESBCK:53,SO; (FES F
FC045 HD174	57	07.36	0041527	+402422	E 9	02597 2	16711	SO	92102020	203800	016000					V FESBCK:53,SO; (FES F
FC045 HD174	57	07.36	0041527	+402422	H 3	46021 L	16711	SO	92102014	140454	035700					362 V FESBCK:53,SO
SMOCS SK 15	24	12.20	0045500	-732410	L 1	23320 L	458	SO	92061815	150000	002700					X03 G C=1.5X, B=46
SMOCS SK 15	24	12.20	0045500	-732410	L 3	44953 L	453	SO	92061815	153900	005500					402 G C=175, B=32
SMOCS SK 31	23	11.10	0048041	-731204	L 1	23321 L	724	SO	92061816	165500	000600					502 G C=210, B=33
SMOCS SK 31	23	11.10	0048041	-731204	L 3	44954 L	727	SO	92061817	173400	001500					400 G C=135, B=15
SMOCS SK 33	23	11.03	0048198	-732404	L 1	23319 L	761	SO	92061813	133300	001100					402 G C=180, B=33
SMOCS SK 33	23	11.03	0048198	-732404	L 3	44952 L	771	SO	92061814	141000	003400					400 G C=140, B=17
SMOCS SK 45	25	11.45	0049373	-723916	L 1	23322 L	591	SO	92061818	181900	003000					X02 G C=1.5X, B=34
SMOCS SK 45	25	11.40	0049373	-723916	L 3	44955 L	592	SO	92061818	185600	011300					501 G C=225, B=25
SMOCS AV 104	23	13.10	0049526	-730423	L 1	23326 L	381	SO	92061915	152000	001900					402 G C=165, B=38
SMOCS AV 104	23	13.10	0049526	-730423	L 3	44959 L	382	SO	92061915	155800	006200					X01 G C=1.5X, B=21
SMOCS SK 56	25	10.70	0051198	-725416	L 1	23325 L	899	SO	92061913	135200	000700					502 G C=195, B=31
SMOCS SK 56	25	10.70	0051198	-725416	L 3	44958 L	903	SO	92061914	140900	002100					400 G C=150, B=16
FC045 IG (0162+251	85	15.40	0052111	+250924	L 1	23401 L	0	BO	92062906	065900	014000					304 G C=152, B=56
FC045 IG (0162+251	85	15.40	0052111	+250924	L 3	45033 L	0	BO	92062905	055200	006000					232 G B=82, C=51, B=33
FC045 IG (0162+251	85	15.40	0052111	+250924	L 3	45034 L	0	BO	92062909	092700	020000					352 G B=196, C=110, B=40
SMOCS SK 57	25	12.20	0052156	-730214	L 1	23327 L	476	SO	92061917	171300	001700					402 G C=185, B=35
SMOCS SK 57	25	12.20	0052156	-730214	L 3	44960 L	489	SO	92061917	174900	006000					500 G C=200, B=16
SMOCS SK 58	32	11.80	0052188	-724800	L 1	23347 L	497	SO	92062118	185700	011100					403 G C=185, B=49
SMOCS SK 58	32	12.00	0052188	-724800	L 3	45098 L	472	SO	92070803	034700	012000					306 G C=141, B=79
SMOCS SK 62	23	12.60	0054303	-731050	L 1	23328 L	418	SO	92061919	190500	002200					502 G C=210, B=35
SMOCS SK 62	23		0054303	-731050	L 3	44961 L	412	SO	92061919	194000	006000					501 G C=180, B=23
EQ099 FXJ0067-72	84	13.50	0054530	-223909	L 3	44957 L	00000	BO	92061902	022331	011000					351 V
EQ099 FXJ0067-72	84	13.50	0054530	-223909	L 1	23323 L	00000	BO	92061904	042059	003000					301 V
EQ099 FXJ 0067-72	84	13.50	0054530	-223909	L 3	45039 L	00000	BO	92063001	014016	011000					350 V
EQ099 FXJ 0067-72	84	13.50	0054530	-223909	L 3	45040 L	00000	BO	92063004	040218	004500					330 V
EQ099 FXJ0067-72	85	13.50	0054530	-223909	L 3	46527 L	00000	BO	92121815	152918	008000					350 V FESBCK:2200,FO;
SMOCS SK 73	24	12.60	0056546	-723235	L 1	23355 L	414	SO	92062215	151600	005700					501 G C=200, B=23
SMOCS SK 73	24	12.60	0056546	-723235	L 3	44978 L	411	SO	92062215	155300	006500					501 G C=200, B=23
LACRIT QSO 0057-251	85	16.70	0057372	-251746	L 1	23305 L	0	BO	92061505	054200	043000					307 G C=140, B=90
SMOCS SK 87	23	12.90	0058406	-722706	L 1	23354 L	370	SO	92062213	130600	003300					502 G C=233, B=38

FFO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Cos.date	Exptim	mmmsst	ECC	Comment
SMGS	SK 87	23	12.90	0058506	-722706	L 3	44977 L	375	SO	92062213	135000	007500	501 G	C=215,B=24
SMGS	SK 90	23	12.80	0059000	-714722	L 3	45202 L	399	SO	92072118	182100	002000	500 G	C=240,B=15
SMGS	SK 90	23	12.80	0059005	-714722	L 1	23514 L	352	SO	92071614	141100	001400	403 G	C=170,B=43
SMGS	SK 90	23	12.80	0059005	-714722	L 3	45154 L	347	SO	92071614	144600	004000	203 G	C=2x,B=41
USBS HD	6L30	40	5.900	0100311	+604825	H 1	24163 L	10310	FO	92102710	103600	005000	403 G	C=188,B=45
USBS HD	6L30	40	5.900	0100311	+604825	L 3	46077 L	10018	FO	92102711	113400	000520	500 G	C=202,B=15
SMGS	AV 314	24	12.90	0101111	-723251	L 1	23356 L	405	SO	92062217	170800	003500	502 G	C=233,B=39
SMGS	AV 314	24	12.90	0101111	-723251	L 3	44979 L	412	SO	92062217	175200	008000	501 G	C=193,B=23
SMGS	AV 320	23	12.30	0101193	-721711	L 1	23513 L	317	SO	92071611	115300	003400	502 G	C=215,B=38
SMGS	AV 320	23	12.30	0101193	-721711	L 3	45153 L	321	SO	92071612	123200	008000	X02 G	C=1.5X,B=35
SMGS	AV 324	24	12.90	0101256	-722721	L 1	23357 L	393	SO	92062219	192300	007700	X03 G	C=1.5X,B=45
SMGS	AV 324	24	12.80	0101256	-722721	L 3	45155 L	350	SO	92071616	163300	013500	X02 G	C=1.5X,B=40
PHCAL FEIGE	11	28	12.06	0101467	+035733	L 1	23650 L	108	FO	92080608	083200	000535	402 G	C=178,B=33
PHCAL FEIGE	11	28	12.06	0101467	+035733	L 3	45293 L	106	FO	92080608	084600	000430	500 G	C=179,B=16
SMGS	SK 110	32	12.60	0102064	-723135	L 1	24262 L	158	FO	92110419	194600	005500	403 G	C=188,B=42
SMGS	SK 110	32	12.60	0102064	-723135	L 3	46131 L	158	FO	92110420	204600	024000	404 G	C=191,B=55
SMGS	SK 113	33	12.10	0102347	-720807	L 1	23559 L	475	SO	92072117	171900	005000	X02 G	C=1.5X,B=39
SMGS	SK 116	23	13.00	0103175	-730250	L 1	23308 L	372	SO	92061517	171200	001200	302 G	C=100,B=40
SMGS	SK 116	23	13.20	0103175	-730249	L 1	23309 L	358	SO	92061519	193500	003500	402 G	C=180,B=38
SMGS	SK 116	23	13.00	0103175	-730250	L 3	44931 L	373	SO	92061517	174900	008300	401 G	C=145,B=24
SMGS	SK 119	23	12.20	0103240	-725602	L 1	23306 L	466	SO	92061513	135200	001200	502 G	C=190,B=35
SMGS	SK 119	23	12.20	0103240	-725602	L 3	44929 L	473	SO	92061514	141400	002400	400 G	C=144,B=19
SMGS	SK 121	25	11.40	0103543	-730417	L 1	23307 L	652	SO	92061515	150000	003000	X03 G	C=1.5X,B=47
SMGS	SK 121	25	11.40	0103543	-730417	L 3	44930 L	656	SO	92061515	154300	007500	503 G	C=205,B=50
SMGS	SK 128	24	12.20	0104556	-723810	L 1	23515 L	425	SO	92071615	155300	001100	502 G	C=200,B=39
SMGS	SK 128	24	12.20	0104556	-723810	L 3	44932 L	475	SO	92061520	202000	002700	500 G	C=170,B=15
PAICO HD 6658		31	05.26	0105080	+434035	L 3	46266 L	21885	FO	92111416	163423	000100	600 V	FESBCK:2529,FO;
PAICO HD6658		31	05.23	0105080	+434035	L 1	24306 L	22380	FO	92111416	164056	000010	501 V	FESBCK:2521,FO;
PAICO HD 6658		31	05.24	0105080	+434035	H 3	46267 L	22191	FO	92111417	172046	005000		V FESBCK:2520,FO;NO CU
LANDT QSO 0105-291		85	16.30	0105198	-291947	L 1	23742 L	0	BO	92082201	015700	041500	07 G	B=85
NA040 R 40		25	10.00	0105460	-724400	L 3	44905 L	00230	FO	92061004	040451	002000	300 V	
SMGS	SK 138	24	12.80	0107447	-724111	L 1	23558 L	377	SO	92072115	151100	003500	503 G	C=239,B=45
SMGS	SK 113	24	12.80	0107447	-720806	L 3	45201 L	377	SO	92072115	155200	008000	501 G	C=193,B=23
SMGS	SK 143	23	12.80	0109273	-725851	L 1	23556 L	331	SO	92072111	114500	002800	502 G	C=188,B=37
SMGS	SK 143	23	12.80	0109273	-725851	L 3	45199 L	334	SO	92072112	121800	008000	401 G	C=162,B=28
SMGS	SK 148	23	13.20	0111010	-724522	L 1	23557 L	333	SO	92072113	135300	001900	503 G	C=219,B=42
SMGS	SK 148	23	13.20	0111010	-724522	L 3	45200 L	330	SO	92072114	142800	002800	500 G	C=215,B=20
RCUS PG 0119+229		88	15.40	0119570	+225435	L 3	45198 L	0	BO	92072103	033500	043000	336 G	E=152,C=161,B=75
OD31Z FAIRALL9		84	14.00	0121512	-590359	L 1	24352 L	196	FO	92112423	235100	006000	343 G	E=164,C=133,B=44
OD31Z FAIRALL9		84	14.00	0121512	-590359	L 1	24353 L	189	FO	92112501	014000	006000	342 G	E=163,C=122,B=40
OD31Z FAIRALL9		84	14.00	0121512	-590359	L 1	24354 L	0	BO	92112503	033600	006000	343 G	E=174,C=130,B=41
OD31Z FAIRALL9		84	14.00	0121512	-590359	L 1	24355 L	0	BO	92112505	052700	006000	349 G	E=223,C=203,B=105
OD31Z FAIRALL9		84	14.00	0121512	-590359	L 1	24356 L	0	BO	92112507	072700	006000	343 G	E=190,C=142,B=47
OD31Z FAIRALL9		84	14.00	0121512	-590359	L 1	24357 L	0	BO	92112509	092000	006000	342 G	E=181,C=130,B=39
AGDC FAIRALL9		84	14.00	0121512	-590359	L 3	44976 L	0	BO	92062211	115100	004500	340 G	E=162,C=41,B=17
FC078 FAIRALL 9		84	14.38	0121514	-590359	L 3	45932 L	00032	SO	92101214	140545	009000	350 V	FESBCK:126,FO;
FC078 FAIRALL 9		84	11.60	0121514	-590359	L 1	24094 L	00000	BO	92101215	154335	007000	350 V	FESBCK:347,SO;
FC078 FAIRALL 9		84	11.60	0121514	-590359	L 3	45933 L	00000	BO	92101217	170129	016000	360 V	FESBCK:350,SO;
FC078 FAIRALL 9		84	11.60	0121514	-590359	L 1	24095 L	00000	BO	92101219	194712	005500	350 V	FESBCK:325,SO;
FC078 FAIRALL		84	11.60	0121514	-590358	L 1	24292 L	00000	BO	92110716	160130	006000	341 V	FESBCK:134,FO;

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsst	ECC	Comment
PQ078	FAIRBALL 9	84	11.60	0121514	-590358	L 3	46152 L	0000	BO	92110717	170800	009500	360	V FESECK:134,FO;
USSBS	HD 8538	33	2.700	0122314	+595833	H 1	24164 L	1716	FU	92102712	121700	000130	503	G C=245,B=41
USSBS	HD 9270	45	3.620	0128482	+150519	L 3	46306 L	735	FU	92112007	075500	007000	X01	G C=4X,B=23
TUCRP	IZ FER	66	7.800	0128565	+534543	L 1	23593 L	1799	FO	92072715	155200	000130	X02	G C=1.5X,B=32
TUCRP	IZ FER	66	7.800	0128565	+534543	L 3	45235 L	1793	FO	92072715	155800	000300	500	G C=245,B=15
COOPF	1991 A1	06		0131543	+550338	L 1	23245 L	0	BO	92060306	063200	015000	354	G E=254,C=104,B=56
PA090	CD984	37	13.50	0131578	-162229	L 3	46319 L	0000	BO	92112317	175345	002000	300	V FESECK:365,SO
PA090	CD984	37	13.50	0131579	-162230	L 1	24343 L	0000	BO	92112318	181928	002500	001	V FESECK:365,SO;
PHCAL	HD 10144	21	0.480	0135512	-572925	H 1	23626 L	12468	FU	92080310	103300	000002	402	G C=163,B=39
PHCAL	HD 10144	21	0.480	0135512	-572925	H 3	45269 L	12495	FU	92080310	104000	000003	402	G C=175,B=32
PIC024	HD 10072	45	05.47	0136203	+440757	L 1	23845 L	19200	FO	92090416	161246	000040	443	V FESECK:305,SO;
PIC024	HD 10072	45	05.47	0136204	+440757	L 3	45520 L	19200	FO	92090415	153715	006000	300	V FESECK:305,SO; TWO S
MMSB	HD 10476	46	5.200	0139465	+200134	L 3	45263 L	18340	FO	92080201	010800	040000	304	G C=143,B=54
MMSB	HD 10700	44	3.500	0141396	-161124	L 3	45239 L	857	FU	92072802	020400	039000	703	G C=10X,B=46
FQ118	UM 366	85	18.00	0143181	-013532	E 9	02622 2	0000	BO	92111616	160000	015000		V FESECK:170,FO; FES F
FQ118	UM 366	85	18.00	0143181	-013532	L 1	24319 L	0000	BO	92111612	125827	034700	113	V FESECK:170,FO;
SCOSS	HD 10780	46	5.630	0144100	+633614	L 1	23968 L	12764	FO	92091723	234800	000230	X22	G E=C=3X,B=31
SCOSS	HD 10780	46	5.630	0144100	+633614	L 1	23969 L	12964	FO	92091800	003800	002500	332	G E=129,C=127,B=40
SCOSS	HD 10780	46	5.630	0144100	+633614	L 3	45671 L	12688	FO	92091723	235900	003000	330	G E=57,C=38,B=15
SCOSS	HD 10780	46	5.630	0144100	+633614	L 3	45672 L	12678	FO	92091801	011900	033000	345	G E=202,C=162,B=65
PQ076	RXJ0148.4-	84	15.00	0146046	-281318	L 3	45107 L	0000	BO	92071000	000550	016200	350	V
PHCAL	HD 00011636	31	2.640	0151523	+203352	H 1	23487 L	1796	FU	92071217	172200	000110	503	G C=220,B=42
PHCAL	HD 11636	31	2.600	0151523	+203352	H 1	23624 L	1865	FU	92080307	070800	000110	504	G C=219,B=59
PHCAL	HD 00011636	31	2.640	0151523	+203352	L 1	23686 L	1847	FU	92081213	133700	000001	502	G C=192,B=39
PHCAL	HD 00011636	31	2.640	0151523	+203352	H 3	45120 L	1794	FU	92071217	172600	000310	502	G C=217,B=33
PHCAL	HD 00011636	31	2.640	0151523	+203352	L 3	45121 L	1809	FU	92071218	184400	000002	300	G C=105,B=15
PHCAL	HD 11636	31	2.640	0151523	+203352	H 3	45267 L	1857	FU	92080307	071700	000310	502	G C=216,B=33
PHCAL	HD 00011636	31	2.640	0151523	+203352	L 3	45322 L	1834	FU	92081213	134500	000003	400	G C=170,B=20
NSOLD	UGC01385	88	13.40	0151563	+364022	L 3	45243 L	0	BO	92072902	023300	038700	334	G E=114,C=124,B=55
SSCEL	U PER	43	7.600	0156152	+543449	L 3	45929 L	2930	FO	92101205	054300	012000	01	G B=26
NC190	HD12311	40	03.21	0157116	-614844	E 9	02554 2	01517	FU	92062721	210700	016000		V IMAGE FOR FES PHOTOM
NC190	HD12311	40	03.17	0157117	-614845	H 3	45023 L	01517	FU	92062721	213218	041000	704	V
USSBS	HD 12311	40	2.900	0157117	-614845	H 3	45035 L	1514	FU	92062916	163500	000800	502	G C=187,B=35
PAL36	H50209+083	29	14.00	0209255	+083248	L 1	23689 L	0000	BO	92081218	182350	004000	700	V FESECK: 374,SO
PAL36	H50209+083	29	14.00	0209255	+083248	L 3	45325 L	0000	BO	92081219	191104	002000	600	V FESECK: 374,SO
PAL36	H50209+083	29	14.00	0209255	+083248	L 3	45324 L	0000	BO	92081217	174301	003500	700	V FESECK: 374, SO
PHCAL	TH100D	99		0223319	-123053	L 2	18679 S	0		92120106	062900	000010	07	G B=86
PHCAL	TH100D	99		0223319	-123053	L 3	46383 S	0		92120105	052500	000005	09	G B=108
PHCAL	WAWCAL	98		0223320	-123054	L 1	24382 S	0		92120103	030500	000001	72	G E=10X,B=34
PHCAL	TH100D	99		0223320	-123054	L 1	24383 S	0		92120103	033900	000025	08	G B=100
PHCAL	WAWCAL	98		0223320	-123054	H 1	24384 S	0		92120104	040900	000016	32	G E=60X,B=38
PHCAL	NULL/SAF	99		0223320	-123054	L 2	18677 S	0		92120104	045100	000000	06	G B=72
PHCAL	WAWCAL	98		0223320	-123054	L 2	18678 S	0		92120105	055900	000001	71	G E=10X,B=21
PHCAL	WAWCAL	98		0223320	-123054	H 2	18680 S	0		92120106	065700	000022	31	G E=60X,B=24
PHCAL	WAWCAL	98		0223320	-123054	L 3	46382 S	0		92120104	042500	000002	70	G E=10X,B=18
PHCAL	WAWCAL	98		0223320	-123054	H 3	46384 S	0		92120105	055400	000200	31	G E=60X,B=27
TBOIS	HD 15638	40	8.700	0226590	-613141	L 3	45007 L	863	FO	92062517	170900	003500	502	G C=244,B=39
AFNIS	HD 15638	40	8.700	0226591	-613141	L 1	24027 L	866	FO	92092909	090000	001400	X02	G C=2X,B=39
PAL30	HD 15638	30	09.16	0226592	-613141	L 3	45959 L	00838	FO	92101613	134929	000140	200	V FESECK:70,FO;
PAL30	HD 15638	30	09.14	0226592	-613141	L 3	45960 L	00858	FO	92101614	144505	002500	500	V FESECK:90,FO;3 SEQME

FFO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
LADT QSO 229+1309	85	16.90	0229026	+130941	L 1	23804	L	0	EO	92083001	013900	043000	307	G C=127,B=90
PC147 GLIESE 105	48	11.66	0233357	+063906	E 9	02674	2	00000	EO	92120890	905000	016000		V FESECK:134,FO; FES F
PC147 GLIESE 105	48	11.66	0233357	+063906	L 1	24437	L	00000	EO	92120810	100152	040000	336	V FESECK:134,FO;
SNOW SKY EKED	07		0236012	-065247	L 1	24380	L	0		92113020	201700	012000	204	G C=72,B=52
SNOW NGC 1022	88	11.33	0236041	-065336	L 1	24381	L	0	EO	92120100	001100	012000	304	G C=86,B=52
SNOW NGC 1022	88	11.33	0236041	-065336	L 3	46381	L	0	EO	92113019	191400	022000	302	G C=64,B=40
PA067 HD16691	15	09.08	0239123	+564131	E 9	02676	2	00900	FO	92122110	101000	016000		V FESECK:299,SO;FES FO
PA067 SKY	07	99.99	0239123	+564131	L 1	24549	L	00000		92122115	150042	009000	202	V FESECK: 490,FO;SKY N
PA067 HD16691	15	09.08	0239123	+564131	H 3	46545	L	00900	FO	92122110	102540	038000	402	V FESECK:299,SO; ;SKY N
PE150 NGC 1058	80	11.80	0240234	+370745	E 9	02568	2	00000	EO	92080817	172500	014000		V FESECK:371,SO;FES FO
USOPK NGC 1058	80	11.80	0240234	-370745	L 1	23666	L	0	EO	92080821	210900	038500	307	G C=130,B=88
USOPK NGC 1058	80	11.80	0240234	+370745	L 3	45305	L	0	EO	920808:8	180400	044500	306	G C=100,B=72
PE150 NGC 1058	80	11.80	0240235	+370745	S 9	02569	2	00000	EO	92080821	211500	014000		V FES FOR IWP23666 AND
PHCAL SAG110707	00	03.72	0240424	+030128	E 9	02640	2	00924	FU	92120115	150000	016000		V FESECK:366,SO; FES T
PHCAL SAG 110707	00	03.68	0240424	+030128	E 9	02652	2	00957	FU	92120215	153500	016000		V FESECK:100,FO; FES T
COORC HD 17506	47	3.760	0247019	+554122	L 3	46528	L	1581	FU	92121817	175700	042000	356	G E=250,C=143,B=76
PHCAL HD 17520	12	8.540	0247220	+601049	H 1	23636	L	1489	FO	92080500	005800	006000	503	G C=199,B=45
PHCAL HD 17520	12	8.540	0247220	+601049	H 3	45292	L	1514	FO	92080600	003800	011000	403	G C=150,B=42
COOPF 1991A1	06		0253439	+712626	L 3	44969	L	157	FO	92062108	080300	012000	21	G E=41,B=27
COORC HD 19058	49	3.390	0301580	+383840	L 3	46530	L	1218	FU	92121905	050900	022000	352	G E=202,C=97,B=39
OFOIM HD 19805	36	8.000	0309347	+484921	L 1	24636	L	1863	FO	92123105	054600	000110	502	G C=197,B=34
OFOIM HD 19805	36	8.000	0309347	+484921	L 3	46629	L	1861	FO	92123105	055200	000400	500	G C=188,B=18
OFOIM HD 20391	30	7.900	0315114	+493518	L 1	24634	L	1882	FO	92123103	032800	000100	402	G C=172,B=34
OFOIM HD 20391	30	7.900	0315114	+493518	L 3	46627	L	1878	FO	92123103	033400	000335	400	G C=153,B=18
SUEG HD 20630	44	4.800	0316439	+031117	H 1	23664	L	23072	FO	92080809	090900	002000	542	G E=183,C=224,B=39
SUEG HD 20630	44	4.800	0316439	+031117	L 3	45303	L	22724	FO	92080809	094100	007000	540	G E=146,C=175,B=15
OFOIM HD 21091	30	7.300	0322388	+481233	L 1	24633	L	2813	FO	92123102	021300	000030	402	G C=176,B=34
OFOIM HD 21091	30	7.300	0322388	+481233	L 3	46625	L	2802	FO	92123101	014100	000110	400	G C=124,B=15
OFOIM HD 21091	30	7.300	0322388	+481233	L 3	46626	L	2838	FO	92123102	022000	000150	500	G C=180,B=17
OFOIM HD 21398	22	7.600	0325352	+480751	L 3	46632	L	3240	FO	92123108	081800	000130	500	G C=216,B=15
OFOIM HD 21479	30	7.500	0326173	+490231	L 1	24635	L	3377	FO	92123104	043600	000052	X02	G C=255,B=32
OFOIM HD 21479	30	7.500	0326173	+490231	L 3	46628	L	3393	FO	92123104	044200	000325	X00	G C=2X,B=18
OFOIM HD 21479	30	7.500	0326173	+490231	L 3	46630	L	3386	FO	92123106	065400	000240	500	G C=239,B=17
GROJW GK PER 55	10.00	0327475	+434404	L 1	23644	L	265	FO	92080515	153500	001500	X02	G C=2X,B=36	
GROJW GK PER 55	10.00	0327475	+434404	L 1	23677	L	228	FO	92081115	152200	000700	502	G C=209,B=36	
GROJW GK PER 55	10.90	0327475	+434404	L 1	23688	L	245	FO	92081216	161800	000700	402	G C=182,B=32	
GROJW GK PER 55	10.90	0327475	+434404	L 1	23728	L	189	FO	92082013	134700	000900	402	G C=160,B=35	
GROJW GK PER 55		0327475	+434404	L 1	23793	L	155	FO	92082814	143300	001200	302	G C=100,B=35	
GROJW GK PER 55	11.50	0327475	+434404	L 1	23794	L	146	FO	92082816	163000	001500	302	G C=111,B=34	
GROJW GK PER 55	10.00	0327475	+434404	L 1	23866	L	526	SO	92090707	072900	002000	332	G E=76,C=66,B=36	
GROJW GK PER 55	13.00	0327475	+434404	L 1	23868	L	130	FO	92090710	100900	004000		G E=3X,C=2X,B=1.5X	
GROJW GK PER 55	1.000	0327475	+434404	L 1	23981	L	372	SO	92092210	103600	001300	232	G E=60,C=54,B=39	
GROJW GK PER 55	13.30	0327475	+434404	L 3	45288	L	279	FO	92080513	132900	003000	552	G E=218,C=188,B=31	
GROJW GK PER 55	10.00	0327475	+434404	L 3	45289	L	264	FO	92080515	155600	003000	450	G E=222,C=164,B=15	
GROJW GK PER 55	10.00	0327475	+434404	L 3	45315	L	231	FO	92081116	160100	002500	440	G E=150,C=136,B=15	
GROJW GK PER 55	10.90	0327475	+434404	L 3	45323	L	237	FO	92081215	153800	002500	440	G E=145,C=117,B=16	
GROJW GK PER 55	10.90	0327475	+434404	L 3	45380	L	192	FO	92082014	140500	003500	341	G E=145,C=100,B=24	
GROJW GK PER 55		0327475	+434404	L 3	45457	L	152	FO	92082813	134500	004000	332	G E=101,C=77,B=39	
GROJW GK PER 55	11.50	0327475	+434404	L 3	45458	L	151	FO	92082815	150400	008000	342	G E=138,C=91,B=31	
GROJW GK PER 55		0327475	+434404	L 3	45546	L	127	FO	92090707	075900	011500	336	G E=121,C=106,B=74	

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
GROW	GK FER	55	1.000	0327475	+434404	L 3	45741 L	373	SO	92092207	075800	015000	303	G C=75,B=42
GLOB	SKYBKND	07		0327499	+434301	L 1	23867 L	0		92090708	084300	002000	02	G B=38
FC178	HD22468	44	06.11	0334130	+002527	L 3	46462 L	12007	FO	92121310	100806	003000	340	V FESECK:81,FO;
FC178	HD22468	44	06.11	0334130	+002527	H 1	24476 L	12003	FO	92121311	110215	002500	350	V FESECK:81,FO;
FC178	HD22468	44	06.13	0334130	+002527	L 3	46463 L	11877	FO	92121300	003000	114523	340	V FESECK:127,FO;
FC178	HD22468	44	06.14	0334130	+002527	H 1	24477 L	11767	FO	92121312	123900	002500	350	V FESECK:127,FO;
FC178	HD22468	44	06.17	0334130	+002527	L 3	46464 L	11439	FO	92121313	131652	008000	340	V FESECK:127,FO(MULTIP
FC178	HD 22468	44	06.20	0334130	+002527	H 1	24478 L	11181	FO	92121315	151149	002500	350	V FESECK:127,FO;MULTIP
FC178	HD 22468	44	06.19	0334130	+002527	L 3	46465 L	11326	FO	92121315	155536	003500	340	V FESECK:127,FO;
FC178	HD22468	44	06.17	0334130	+002527	L 3	46461 L	11504	FO	92121308	081025	003000	340	V FESECK:79,FO;
FC178	HD22468	44	06.14	0334130	+002527	H 1	24475 L	11723	FO	92121309	090152	002500	350	V FESECK:81,FO;
FC178	HD 22468	44	06.31	0334131	+002528	H 1	24460 L	10292	FO	92121210	100816	002000	360	V FESECK:105,FO;
VIOJN	HD 22468	46	5.700	0334131	+002533	L 1	24464 L	10334	FO	92121217	171500	002000	352	G E=236,C=91,B=39
FC178	HD22468	44	06.32	0334131	+002528	L 3	46447 L	10193	FO	92121210	103618	004000	360	V FESECK:105,FO;
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24465 L	10553	FO	92121218	184000	002000	352	G E=222,C=88,B=39
FC178	HD22468	44	06.32	0334131	+002528	H 1	24461 L	10167	FO	92121211	112552	002000	360	V FESECK:105,FO;
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24466 L	11034	FO	92121220	202100	002000	352	G E=196,C=77,B=39
FC178	HD 22468	44	06.30	0334131	+002528	L 3	46448 L	10347	FO	92121212	120406	004000	360	V FESECK:105,FO;
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24467 L	11348	FO	92121221	215400	002000	342	G E=178,C=78,B=40
FC178	HD22468	44	06.30	0334131	+002528	H 1	24462 L	10329	FO	92121212	125336	001800	350	V FESECK:105,FO;
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24468 L	10958	FO	92121223	233700	002500	332	G E=255,C=93,B=40
FC178	HD22468	44	06.26	0334131	+002528	L 3	46449 L	10657	FO	92121213	134434	007000	340	V FESECK:105,FO; (2EXPO
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24469 L	10997	FO	92121300	005700	002500	332	G E=1.5x,C=95,B=38
FC178		44	06.28	0334131	+002528	H 1	24463	10519	FO	92121200	000000	000000	360	V FESECK:105,FO;
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24470 L	11390	FO	92121302	022000	002500	352	G E=223,C=90,B=39
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24471 L	11434	FO	92121303	033500	002500	354	G E=227,C=110,B=60
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24472 L	11291	FO	92121304	045800	002500	357	G E=242,C=148,B=82
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24473 L	11227	FO	92121306	061600	002500	353	G E=204,C=105,B=50
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24474 L	11355	FO	92121307	073400	002500	343	G E=187,C=95,B=41
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24479 L	11333	FO	92121316	163800	002500	352	G E=210,C=101,B=39
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24480 L	11178	FO	92121318	180600	003000	302	G C=95,B=39
VIOJN	HD 22468	46	5.700	0334131	+002533	L 1	24481 L	11172	FO	92121319	192700	003000	G	
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24482 L	11678	FO	92121321	211100	003000	342	G E=145,C=79,B=40
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24483 L	11101	FO	92121322	223600	004000	352	G E=235,C=109,B=40
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24484 L	11051	FO	92121400	000900	004000	333	G E=1.5x,C=110,B=45
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24485 L	10768	FO	92121401	015200	004000	333	G E=1.5x,C=122,B=45
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24486 L	10700	FO	92121403	033000	004000	334	G E=1.5x,C=133,B=60
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24487 L	10661	FO	92121405	050900	003500	336	G E=1.5x,C=140,B=75
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24488 L	10603	FO	92121406	064000	004000	333	G E=1.5x,C=120,B=43
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24494 L	10493	FO	92121418	181200	004000	353	G E=254,C=114,B=47
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24495 L	10660	FO	92121420	200200	002615	342	G E=161,C=82,B=40
VIOJN	HD 22468	46	5.700	0334131	+002533	L 1	24496 L	10556	FO	92121423	232400	004000	322	G E=1.5x,C=114,B=39
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24497 L	10748	FO	92121501	011300	004000	333	G E=1.5x,C=120,B=43
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24498 L	10580	FO	92121502	025200	004000	323	G E=1.5x,C=127,B=47
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24499 L	10543	FO	92121504	043100	007500	334	G E=1.5x,C=135,B=60
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24500 L	10528	FO	92121506	060100	003500	333	G E=1.5x,C=120,B=47
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24501 L	10597	FO	92121507	073100	004000	332	G E=1.5x,C=115,B=39
VIOJN	HD 22468	46	5.700	0334131	+002526	H 1	24506 L	11741	FO	92121521	215200	004000	333	G E=1.5x,C=110,B=41
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24507 L	11010	FO	92121523	233300	004000	333	G E=1.5x,C=110,B=42
VIOJN	HD 22468	46	5.700	0334131	+002533	H 1	24508 L	10813	FO	92121601	011200	004000	333	G E=1.5x,C=130,B=41

FPO	Object	CL	MAG	R.A.	DEC	D C	Image	A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24509	L	11060	FO	92121602	024800	004000	3X3	G E=1.5X,C=129,B=45
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24510	L	11378	FO	92121604	042500	004000	3X4	G E=1.5X,C=144,B=60
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24511	L	11532	FO	92121606	060300	004000	3X3	G E=1.5X,C=119,B=47
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24512	L	11380	FO	92121607	074500	004000	3X3	G E=1.5X,C=121,B=42
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24518	L	10467	FO	92121617	171600	004000	3X3	G E=1.5X,C=126,B=44
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24519	L	10801	FO	92121619	190300	004000	353	G E=236,C=105,B=42
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24520	L	1309	FO	92121620	203800	003500	352	G E=222,C=103,B=35
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24521	L	10748	FO	92121622	223200	004000	3X3	G E=1.5X,C=118,B=41
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24522	L	10337	FO	92121700	000500	004000	3X3	G E=1.5X,C=122,B=43
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24523	L	10514	FO	92121701	014200	004000	3X3	G E=1.5X,C=123,B=43
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24524	L	10683	FO	92121703	032100	004000	3X4	G E=2X,C=131,B=55
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24525	L	10637	FO	92121705	050800	003500	3X4	G E=1.5X,C=129,B=57
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24526	L	10922	FO	92121706	064100	003500	3X3	G E=1.5X,C=105,B=42
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24527	L	11116	FO	92121708	081300	003500	3X3	G E=1.5X,C=101,B=42
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24530	L	10471	FO	92121718	185700	003000	343	G E=174,C=82,B=42
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24531	L	11905	FO	92121720	203200	004000	3X3	G E=1.5X,C=123,B=44
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24532	L	10930	FO	92121722	223900	004000	353	G E=249,C=107,B=42
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24533	L	10700	FO	92121800	001700	004000	3X3	G E=1.5X,C=124,B=41
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24534	L	10620	FO	92121802	020000	004000	3?3	G E=2X,C=132,B=42
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24535	L	10760	FO	92121803	033500	004000	3X3	G E=2X,C=133,B=47
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24536	L	10864	FO	92121805	051100	004000	3X3	G E=2X,C=122,B=47
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24537	L	11362	FO	92121806	064500	004000	3X3	G E=2X,C=116,B=41
VIOJN HD	22468	46	5.700	03341.31	+002533	H 1	24538	L	11060	FO	92121808	082000	006800	3X2	G E=1.5X,C=96,B=38
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46450	L	10304	FO	92121216	162300	004000	350	G E=180,C=69,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46451	L	10362	FO	92121217	175100	003500	3X0	G E=1.5X,C=93,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46452	L	10700	FO	92121219	191500	003500		G
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46453	L	11311	FO	92121221	210900	002500	330	G E=96,C=49,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46454	L	11209	FO	92121222	224100	002500	330	G E=105,C=50,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46455	L	10936	FO	92121300	001500	003000	340	G E=142,C=60,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46456	L	11213	FO	92121301	013800	003000	340	G E=144,C=57,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46457	L	11491	FO	92121302	025600	003000	340	G E=134,C=56,B=18
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46458	L	11406	FO	92121304	041500	003000	332	G E=128,C=85,B=40
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46459	L	11257	FO	92121305	053200	003000	332	G E=124,C=75,B=35
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46460	L	11189	FO	92121306	065400	003000	340	G E=120,C=60,B=19
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46466	L	11215	FO	92121317	171800	003000		G
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46467	L	11196	FO	92121318	184700	006000		G
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46468	L	11240	FO	92121320	201100	003000	330	G E=94,C=58,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46469	L	11517	FO	92121321	215300	003000	340	G E=118,C=55,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46470	L	11050	FO	92121323	232800	003000	330	G E=112,C=59,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46471	L	10849	FO	92121401	010300	004000	340	G E=145,C=65,B=19
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46472	L	10702	FO	92121402	024100	004000	341	G E=149,C=68,B=21
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46473	L	10689	FO	92121404	041800	004000	352	G E=238,C=90,B=37
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46474	L	10586	FO	92121405	055300	003500	351	G E=217,C=80,B=23
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46475	L	10748	FO	92121407	072900	003000	340	G E=124,C=60,B=17
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46480	L	10420	FO	92121417	171500	003500	330	G E=107,C=76,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46481	L	10555	FO	92121419	190900	003500	330	G E=90,C=60,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46482	L	10780	FO	92121422	221100	003500	340	G E=119,C=63,B=15
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46483	L	10556	FO	92121500	001400	004000	350	G E=188,C=70,B=19
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46484	L	10668	FO	92121502	020200	004000	350	G E=177,C=70,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46485	L	10535	FO	92121503	034100	004000	341	G E=168,C=70,B=25

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46486 L	10560	FO	92121505	051600	003500	341 G	E=160,C=70,B=28
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46487 L	10527	FO	92121506	064500	003500	340 G	E=133,C=60,B=18
VIOJN HD	22468	46	5.700	03341.31	+002526	L 3	46493 L	11165	FO	92121522	224300	004000	340 G	E=127,C=66,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46494 L	10802	FO	92121600	002300	004000	350 G	E=197,C=64,B=17
VIOJN HD	22468	46	5.700	03341.31	+002526	L 3	46495 L	10806	FO	92121601	015900	004000	340 G	E=162,C=61,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46496 L	11167	FO	92121603	033500	004000	341 G	E=158,C=70,B=23
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46497 L	11556	FO	92121605	051200	004000		G C=65
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46498 L	11468	FO	92121606	065500	004000	340 G	E=132,C=65,B=18
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46504 L	10383	FO	92121616	162100	004000	341 G	E=153,C=68,B=22
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46505 L	10816	FO	92121618	181000	004000	340 G	E=134,C=64,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46506 L	10917	FO	92121619	195300	003500	330 G	E=85,C=55,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46507 L	11384	FO	92121621	214700	003500	330 G	E=110,C=70,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46508 L	10553	FO	92121623	231800	004000	331 G	E=112,C=74,B=22
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46509 L	10312	FO	92121700	005200	004000	340 G	E=135,C=62,B=19
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46510 L	10759	FO	92121702	023000	004000	341 G	E=123,C=63,B=21
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46511 L	10650	FO	92121704	041600	004000	341 G	E=129,C=76,B=28
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46512 L	10878	FO	92121705	055100	004000	340 G	E=127,C=65,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46513 L	11022	FO	92121707	072200	004000	340 G	E=141,C=61,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46517 L	10226	FO	92121718	180600	004000	341 G	E=141,C=69,B=23
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46518 L	10812	FO	92121719	193500	004000	330 G	E=97,C=66,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46519 L	11872	FO	92121721	213900	004000	331 G	E=109,C=63,B=24
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46520 L	10847	FO	92121723	232800	004000	340 G	E=154,C=70,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46521 L	10586	FO	92121801	010400	004000	340 G	E=142,C=61,B=19
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46522 L	10658	FO	92121802	024600	004000	340 G	E=128,C=65,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46523 L	10815	FO	92121804	042100	004000	340 G	E=1.5X,C=69,B=20
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46524 L	11034	FO	92121805	055600	004000	350 G	E=196,C=62,B=19
VIOJN HD	22468	46	5.700	03341.31	+002533	L 3	46525 L	11175	FO	92121807	073000	004000	340 G	E=141,C=61,B=19
PC178 HD	22468	44	06.28	03341.32	+002533	L 3	46488 L	10535	FO	92121508	082004	004000	341 V	FESBECK:76,FO;
PC178 HD	22468	44	06.23	03341.32	+002533	H 1	24502 L	10924	FO	92121509	093500	004000	361 V	FESBECK:377,SO;
PC178 HD	22468	44	06.22	03341.32	+002533	L 3	46489 L	11025	FO	92121510	102731	004000	341 V	FESBECK:109,FO;
PC178 HD	22468	44	06.21	03341.32	+002533	H 1	24503 L	11155	FO	92121511	112747	004000	361 V	FESBECK:175,FO
PC178 HD	22468	44	06.23	03341.32	+002533	L 3	46490 L	10913	FO	92121512	122140	004000	341 V	FESBECK:229,FO;
PC178 HD	22468	44	06.26	03341.32	+002533	H 1	24504 L	10658	FO	92121513	131150	004000	362 V	FESBECK:198,FO
PC178 HD	22468	44	06.29	03341.32	+002533	L 3	46491 L	10459	FO	92121514	140926	008000	352 V	FESBECK:154,FO;2ND EX
PC178 HD	22468	44	06.32	03341.32	+002533	H 1	24505 L	10202	FO	92121515	155536	002000	352 V	FESBECK:360,SO;
PC178 HD	22468	44	06.30	03341.32	+002533	L 3	46492 L	10299	FO	92121515	155536	003000	341 V	FESBECK:410,SO;
PC178 HD	22468	44	06.16	03341.32	+002533	L 3	46499 L	11611	FO	92121608	083156	004000	340 V	FESBECK:381,SO;
PC178 HD	22468	44	06.14	03341.32	+002533	H 1	24513 L	11794	FO	92121610	101730	004000	350 V	FESBECK:110,FO;
PC178 HD	22468	44	06.14	03341.32	+002533	L 3	46500 L	11794	FO	92121610	101730	004000	350 V	FESBECK:110,FO;
PC178 HD	22468	44	06.15	03341.32	+002533	H 1	24514 L	11661	FO	92121611	110822	003000	350 V	FESBECK:150,FO;
PC178 HD	22468	44	06.18	03341.32	+002533	L 3	46501 L	11407	FO	92121611	115027	004000	350 V	FESBECK:209,FO;
PC178 HD	22468	44	06.20	03341.32	+002533	H 1	24515 L	11205	FO	92121612	123913	003000	350 V	FESBECK:216,FO;
PC178 HD	22468	44	06.22	03341.32	+002533	L 3	46502 L	11063	FO	92121613	131345	004000	340 V	FESBECK:177,FO;
PC178 HD	22468	44	06.24	03341.32	+002533	H 1	24516 L	10823	FO	92121614	141202	003000	350 V	FESBECK:141,FO;
PC178 HD	22468	44	06.27	03341.32	+002533	L 3	46503 L	10618	FO	92121614	145230	004000	340 V	FESBECK:116,FO;
PC178 HD	22468	44	06.27	03341.32	+002533	H 1	24517 L	10595	FO	92121615	154335	003000	350 V	FESBECK:385,SO;
PC178 HD	22468	44	06.24	03341.38	+002528	H 1	24489 L	10897	FO	92121408	081107	004000	361 V	FESBECK:325,SO;
PC178 HD	22468	44	06.23	03341.38	+002528	L 3	46476 L	10980	FO	92121409	092235	003500	250 V	FESBECK:325,SO;
PC178 HD	22468	44	06.21	03341.38	+002528	H 1	24490 L	11104	FO	92121410	100952	004000	361 V	FESBECK:383,SO;
PC178 HD	22468	44	06.20	03341.38	+002528	L 3	46477 L	11192	FO	92121411	110052	003500	350 V	FESBECK:446,SO;

PRO	Object	CL	MAG	R.A.	DEC	D C	Image	A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
FC178	HD22468	44	06.25	0334138	+002528	H 1	24491	L	10760	FO	92121412	125248	004000	361	V FESECK:157,FO;
FC178	HD 22468	44	06.28	0334138	+002528	L 3	46478		10535	FO	92121400	000000	000000	360	V FESECK:150,FO;2ND EX
FC178	HD 22468	44	06.28	0334138	+002528	H 1	24492	L	10485	FO	92121414	142953	004000	361	V FESECK:391,SO;
FC178	HD 22468	44	06.30	0334138	+002528	L 3	46479	L	10342	FO	92121415	152079	003500	240	V FESECK:319,SO;
USBS	HD 22316	22	6.300	0334230	+564611	H 1	24043	L	8746	FO	92100112	122400	001230	503	G C=247,B=41
USBS	HD 22316	21	6.300	0334230	+564611	H 1	24116	L	8719	FO	92101904	043200	000948	503	G C=222,B=42
USBS	HD 22316	21	6.300	0334230	+564611	H 3	46000	L	8733	FO	92101903	035000	001800	502	G C=192,B=34
CFOIM	HD 22401	36	7.600	0334428	+472449	L 1	24637	L	3027	FO	92123107	073800	000040	502	G C=222,B=32
CFOIM	HD 22401	36	7.600	0334428	+472449	L 3	46631	L	3129	FO	92123107	073200	000130	500	G C=194,B=15
IFOIA	HR 1105	66	5.140	0337477	+630325	L 1	24284	L	21651	FO	92110619	194500	000900	3x2	G E=1.5X,C=99,B=32
IFOIA	HR 1105	66	5.140	0337477	+630325	H 1	24285	L	21848	FO	92110621	213500	006500	353	G E=209,C=87,B=42
IFOIA	HR 1105	66	5.140	0337477	+630325	L 3	46147	L	21884	FO	92110620	200200	008000	3x1	G E=1.5X,C=123,B=27
SFOGC	HD 23180	23	3.820	0341105	+320752	L 1	23842	L	751	FU	92090407	073900	000000	402	G C=158,B=31
SFOGC	HD 23180	23	3.820	0341105	+320753	L 3	45515	L	741	FU	92090407	072800	000001	400	G C=141,B=15
SFOGC	HD 23180	23	3.820	0341105	+320753	L 3	45516	L	748	FU	92090408	085500	000002	500	G C=219,B=17
FC062	HD23089	39	05.10	0341387	+631121	H 3	45762	L	24012	FO	92092320	200239	006000	500	V FESECK:132,FO;
FC062	HD23089	39	05.14	0341387	+631121	H 1	23989	L	23519	FO	92092321	211021	001800	501	V FESECK:132,FO;
PA004	HD 84461	30	05.76	0342003	-533942	H 3	46574	L	15704	FO	92122409	095848	003000	602	V FESECK:187,FO;
PA004	HD 84461	30	05.84	0342003	-533942	H 1	24569	L	14824	FO	92122410	102821	002000	701	V FESECK:187,FO;
PA004	HD 84461	30	05.83	0342003	-533942	L 1	24570	L	14948	FO	92122411	113610	000010	600	V FESECK:187,FO;
PA004	HD 84461	30	05.83	0342003	-533942	L 3	46575	L	14978	FO	92122411	113134	000017	500	V FESECK:187,FO;
SACOW	HD 23338	22	4.300	0342136	+241842	L 1	23805	L	566	FU	92083009	094500	000003	401	G C=167,B=28
SACOW	HD 23338	22	4.300	0342136	+241842	L 1	23806	L	563	FU	92083011	110400	000005	501	G C=229,B=28
SACOW	HD 23338	22	4.300	0342136	+241842	L 3	45471	L	564	FU	92083009	095700	000006	500	G C=184,B=17
PA162	HD 23630	23	03.06	0344304	+235708	H 3	45650	L	01669	FU	92091518	185245	000050	500	V FESECK:92,FO;
PA162	HD 23630	23	03.04	0344304	+235708	L 1	23944	L	01696	FU	92091518	185759	000030	401	V FESECK:92,FO;
PA162	HD23862	23	05.24	0346124	+235907	H 3	45648	L	22170	FO	92091515	154615	001000	600	V FESECK:92,FO;
PA162	HD23862	23	05.23	0346124	+235907	H 1	23942	L	22345	FO	92091516	162048	000415	601	V FESECK:92,FO;
PA162	HD 23862	23	05.23	0346124	+235907	L 3	45649	L	22361	FO	92091517	173018	000005	500	V FESECK:92,FO;
PA162	HD 23862	23	05.24	0346124	+235907	L 1	23943	L	22178	FO	92091517	173527	000003	500	V FESECK:92,FO;
PA162	HD 23862	23	05.23	0346124	+235907	H 1	24563	L	22259	FO	92122315	150625	000400	503	V FESECK:113,FO;
PA162	HD 23862	23	05.18	0346124	+235907	H 3	46567	L	22942	FO	92122314	144825	000945	600	V FESECK:113,FO;
PA162	HD 23862	23	05.23	0346124	+235907	L 1	24564	L	22277	FO	92122316	162312	000003	603	V FESECK:113.FO
PA162	HD 23862	23	05.23	0346124	+235907	L 3	46568	L	22318	FO	92122316	161538	000005	500	V FESECK:113.FO
HFCB	HD 24357	41	5.970	0350182	+171047	L 3	45936	L	10970	FO	92101302	025700	009000		G E=96,C=10X
HFCB	HD 24357	41	5.970	0350182	+171047	L 3	45936	S	10624	FO	92101304	043300	001700		G C=1.5X
USBS	HD 25025	49	3.000	0355417	-133858	H 1	24331	L	1410	FU	92112006	064400	001000	332	G E=104,C=67,B=39
SACOW	HD 24912	13	4.040	0355428	+353856	L 1	23809	L	673	FU	92083016	160500	000215	501	G C=182,B=29
SACOW	HD 24912	13	4.040	0355428	+353856	L 3	45474	L	679	FU	92083016	162100	000004	X00	G C=1.5X,B=17
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45555	L	695	FU	92090723	233200	000110	552	G E=224,C=219,B=39
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45558	L	684	FU	92090808	084200	000110	502	G C=232,B=37
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45559	L	672	FU	92090809	091500	000110	552	G E=234,C=230,B=38
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45560	L	670	FU	92090809	094500	000110	552	G E=245,C=235,B=39
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45561	L	679	FU	92090810	101500	000110	553	G E=243,C=239,B=44
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45562	L	676	FU	92090810	104400	000110	553	G E=239,C=242,B=50
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45563	L	680	FU	92090811	111400	000110	554	G E=248,C=247,B=58
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45564	L	687	FU	92090811	114400	000110	554	G E=238,C=245,B=58
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45565	L	676	FU	92090812	121300	000110	553	G E=234,C=243,B=48
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45566	L	691	FU	92090812	124200	000110	553	G E=246,C=241,B=41
FNOSH	HD 24912	12	4.000	0355430	+353856	H 3	45567	L	685	FU	92090813	131200	000110	552	G E=233,C=235,B=39

FFO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	numms	stt	ECC	Comment
FNOSH HD	24912	12	4.000	0355430	+353856	H 3	45568 L	673	FU	92090813	134000	000110		552 G	E=248,C=235,B=39
FNOSH HD	24912	12	4.000	0355430	+353856	H 3	45569 L	666	FU	92090814	140900	000110		552 G	E=245,C=234,B=35
FNOSH HD	24912	12	4.000	0355430	+353856	H 3	45570 L	676	FU	92090814	143600	000110		552 G	E=242,C=240,B=39
HFCFB HD	25102	41	6.370	0356559	+101123	L 3	45928 L	7284	FO	92101202	025300	012000		X31 G	E=77,C=3X,B=26
PHCAL SACL17807		00	05.41	0400161	+590107	E 9	02657 2	19914	FO	92120311	111000	016000			V FESECK:351,FO;FES TE
PHCAL SACC24384		00	99.99	0400162	+590108	E 9	02634 2	00000		92120110	103400	016000			V FESECK:343,FO; FES T
PHCAL SAO 24384		00	05.38	0400162	+590108	F 9	02646 2	20404	FO	92120211	112000	016000			V FESECK:510,FO; FES T
PHCAL SAC24384		00	05.30	0400162	+590108	E 9	02658 2	21424	FO	92120312	120500	016000			V FESECK:642,FO;FES TE
PHCAL SAC24384		00	99.99	0400162	+590108	E 9	02660 2	00000		92120313	133000	016000			V FESECK:799,FO;FES TE
SLOCA HD	25443	20	6.740	0401443	+615801	L 1	24567 L	5577	FO	92122403	033400	000300		X02 G	C=2X,B=37
SLOCA HD	25443	20	6.740	0401443	+615801	L 3	46571 L	5619	FO	92122403	032800	000045		300 G	C=73,B=16
PHCAL VW HYL	54	14.00	0409330	-712527	L 3	45945 L		0	BO	92101500	001600	003000		X01 G	C=8X,B=27
CD30Z VW HYL	54	9.200	0409330	-712527	L 3	45994 L		601	FO	92101821	215400	000300		500 G	C=174,B=16
CD30Z VW HYL	54	9.200	0409330	-712527	L 3	45995 L		567	FO	92101822	225000	000300		500 G	C=166,B=15
CD30Z VW HYL	54	9.200	0409330	-712527	L 3	45996 L		599	FO	92101823	233100	000300		500 G	C=175,B=15
CD30Z VW HYL	54	9.200	0409330	-712527	L 3	45997 L		576	FO	92101900	001200	000300		500 G	C=170,B=17
CD22Z HD	283447	58	10.62	0411073	+280441	L 1	23901 L	271	FO	92091108	080300	004500		232 G	E=98,C=60,B=40
CD22Z HD	283447	58	10.62	0411073	+280441	L 1	23902 L	263	FO	92091109	092700	004500		234 G	E=126,C=70,B=60
CD22Z HD	283447	58	10.62	0411073	+280441	L 1	23903 L	263	FO	92091110	104800	004500		339 G	E=242,C=235,B=200
CD22Z HD	283447	58	10.62	0411073	+280441	L 1	23904 L	262	FO	92091112	121000	004500		338 G	E=159,C=120,B=92
CD22Z HD	283447	58	10.62	0411073	+280441	L 1	23905 L	260	FO	92091113	133200	004500		332 G	E=128,C=60,B=39
HFCFB HD	26784	41	7.140	0411490	+108435	L 3	45941 L	3897	FO	92101323	230200	035000		X33 G	E=84,C=2X,B=48
MDCSB HD	26965	46	4.400	0412582	-074346	L 3	45407 L	441	FU	92082301	014700	042000		5X6 G	E=1.5X,C=240,B=80
TBOIS HD	27397	40	5.590	0417085	+135458	H 3	45802 L	14295	FO	92092912	123200	000732		500 G	C=224,B=10
HFCFB HD	27483	41	6.170	0418038	+134447	L 3	45918 L	9398	FO	92101102	024600	012500		X01 G	C=3X,B=27
HFCFB HD	27483	41	6.170	0418038	+134447	L 3	45940 L	8454	FO	92101321	210900	003500		X0 G	E=1.5X,B=19
HFCFB HD	27483	41	6.170	0418038	+134447	L 3	45940 S	8491	FO	92101321	215900	001500		300 G	C=90,B=19
XFOCS J0422+32	59	12.50	0418299	+324724	L 1	23703 L		404	SO	92081614	145400	004500		402 G	C=150,B=39
XFOCS J0422+32	59	13.00	0418299	+324724	L 1	23727 L		388	SO	92082009	095600	005000		402 G	C=180,B=40
XFOCS J0422+32	59	13.00	0418299	+324723	L 1	23774 L		408	SO	92082601	014400	005000		403 G	C=178,B=45
XFOCS GFOJ0422	59	13.50	0418299	+324723	L 1	23827 L		493	SO	92090210	101800	004000		302 G	C=137,B=39
XFOCS J0422+32	59	13.50	0418299	+324723	L 1	23893 L		0	BO	92091010	101500	003500		302 G	C=105,B=37
XFOCS GFOJ0422	59	13.50	0418299	+324723	L 1	23975 L		0	BO	92092002	022100	003000		302 G	C=100,B=34
XFOCS J0422+32	59	13.50	0418299	+324723	L 1	24009 L		0	BO	92092702	021400	003800		302 G	C=112,B=37
XFOCS J0422+32	59	12.50	0418299	+324724	L 3	45356 L		414	SO	92081614	141900	009500		333 G	E=110,C=100,B=42
XFOCS J0422+32	59	13.00	0418299	+324724	L 3	45379 L		378	SO	92082010	105100	012000		332 G	E=124,C=125,B=34
XFOCS J0422+32	59	13.00	0418299	+324723	L 3	45437 L		388	SO	92082602	024000	013000		332 G	E=127,C=130,B=39
XFOCS GFOJ0422	59	13.50	0418299	+324723	L 3	45504 L		122	FO	92090207	075800	013000		331 G	E=115,C=120,B=29
XFOCS J0422+32	59	13.50	0418299	+324723	L 3	45590 L		0	BO	92091008	080800	012000			G c=95,b=28
XFOCS GFOJ0422	59	13.50	0418299	+324723	L 3	45688 L		0	BO	92092000	001700	012000		332 G	E=92,C=105,B=31
XFOCS J0422+32	59	13.50	0418299	+324723	L 3	45781 L		383	SO	92092700	000100	013000		332 G	E=93,C=96,B=38
XFOCS J0422+32	59	13.50	0418299	+324723	L 3	45841 L		0	BO	92100422	223000	014000		704 G	C=12,B=55
DAQ.H FE042774	37	14.50	0421259	+740045	L 3	45967 L		0	BO	92101702	024000	003300		400 G	C=122,B=15
HFCFB HD	27901	41	5.970	0422020	+185543	L 3	45935 L	10301	FO	92101300	002500	008000		X31 G	E=81,C=3X,B=23
HFCFB HD	27901	41	5.970	0422020	+185543	L 3	45935 S	10208	FO	92101301	015400	002000		501 G	C=228,B=23
TBOIS HD	28024	31	4.280	0423187	+224207	L 3	45757 L	468	FU	92092311	114200	000229		501 G	C=195,B=23
TBOIS HD	28024	31	4.280	0423187	+224207	L 3	45803 L	461	FU	92092913	133900	000228		500 G	C=201,B=16
TBOIS HD	28052	40	4.490	0423296	+153023	L 3	45756 L	403	FU	92092310	104800	000247		501 G	C=214,B=24
PHCAL HD28099	44	08.53	0423477	+163806	L 1	23678 L		01473	FO	92081117	175208	000500		500 V	FESECK:405,SO;
PHCAL HD28099	44	08.56	0423477	+163806	L 1	23679 L		01425	FO	92081118	183237	000500		500 V	FESECK:405,SO;

FO	Object	CL	MAG	R.A.	DEC	D C	Irrage A	FES	MD	Obs.date	Exptim	numinst	ECC	Comment
PHCAL	HD28099	44	08.65	0423477	+163806	L 1	23680 L	01316	FO	92081119	191236	001000	600	V FESECK:405,SO;
PHCAL	HD 28099	44	08.63	0423477	+163806	L 1	23681 L	01351	FO	92081120	200042	002000	700	V FESECK:405,SO;
PHCAL	HD28099	44	08.49	0423477	+163806	L 1	23714 L	01528	FO	92081817	175504	000500	500	V FESECK:309,SO;
PHCAL	HD 28099	44	08.49	0423477	+163806	L 1	23715 L	01532	FO	92081818	184305	000500	500	V
PHCAL	HD 28099	44	08.40	0423477	+163806	L 1	23716 L	01658	FO	92081819	192355	001000	601	V FESECK:309,SO;
PHCAL	HD 28099	44	08.47	0423477	+163806	L 1	23717 L	01551	FO	92081820	201037	002000	601	V FESECK:309,SO;
USSBS	HD 28149	22	5.500	0424178	+225307	H 3	45496 L	16457	FO	92090112	122800	000600	502	G C=203,B=37
TBOIS	HD 28556	40	5.400	0427483	+133702	L 3	45804 L	16775	FO	92092914	142900	000242	500	G C=186,B=13
HFCFB	HD 28677	41	6.020	0429002	+154445	L 3	45934 L	9436	FO	92101221	214200	009000	X31	G E=98,C=4X,B=26
HFCFB	HD 28677	41	6.020	0429002	+154445	L 3	45934 S	9410	FO	92101223	232200	002000	501	G C=197,B=26
HFCFB	HD 28911	41	6.620	0430580	+130854	L 3	45917 L	6006	FO	92101021	214600	021000	X33	G E=96,C=3X,B=42
HFCFB	HD 28911	41	6.620	0430580	+130854	L 3	45917 S	6098	FO	92101001	012600	002000	303	G C=111,B=42
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23810 L	8115	FU	92083101	013900	006000	5X3	G E=2X,C=214,B=42
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23811 L	8096	FU	92083103	032100	009000	X23	G E=30X,C=1.5X,B=50
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23814 L	8251	FU	92083109	091000	009000	X35	G E=140,C=2X,B=65
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23816 L	8145	FU	92083113	133300	009000	X35	G E=120,C=3X,B=67
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23818 L	8030	FU	92090101	011200	009000	X24	G E=32,C=2X,B=51
SCORS	HD 29139	47	0.900	0433030	+162430	L 1	23819 L	8049	FU	92090103	032600	009000	X24	G E=32X,C=2X,B=52
SCORS	HD 29139	47	0.090	0433030	+162430	H 1	23834 L	8102	FU	92090307	074700	009000	?24	G E=30X,C=2X,B=55
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23836 L	8212	FU	92090312	121600	009000	?26	G E=30X,C=2X,B=71
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23850 L	8153	FU	92090507	073400	009000	?24	G E=30X,C=2X,B=57
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23852 L	7977	FU	92090512	125100	006500	?29	G E=30X,C=3X,B=185
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23908 L	8299	FU	92091207	073000	009000	X24	G E=30X,C=1.5X,B=52
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23970 L	8174	FU	92091807	072500	009000	X24	G E=30X,C=2X,B=55
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	23972 L	8260	FU	92091812	121100	012000	X26	G E=40X,C=3X,B=75
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	24007 L	8209	FU	92092611	111200	009000	X25	G E=30X,C=3X,B=61
SCORS	HD 29139	47	0.900	0433030	+162430	H 1	24008 L	8209	FU	92092613	132600	005000	523	G E=15X,C=221,B=43
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45483 L	8096	FU	92083102	024600	002500	350	G E=187,C=45,B=15
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45485 L	8067	FU	92083110	104800	003000	350	G E=221,C=58,B=15
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45492 L	7981	FU	92090102	024800	002500	350	G E=210,C=47,B=15
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45507 L	8139	FU	92090309	092500	002500	350	G E=203,C=49,B=15
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45509 L	8254	FU	92090313	135400	005000	370	G E=2X,C=55,B=15
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45527 L	8094	FU	92090509	091300	002500	300	G C=49,B=18
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45529 L	8064	FU	92090513	133600	001500	340	G E=158,C=47,B=15
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45611 L	8053	FU	92091209	091000	002500	50	G E=191,B=20
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45673 L	8098	FU	92091809	090400	002500	350	G E=211,C=50,B=18
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45675 L	8305	FU	92091814	141800	002500	350	G E=230,C=45,B=18
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45777 L	8268	FU	92092610	103900	002500	251	G E=197,C=44,B=25
SCORS	HD 29139	47	0.900	0433030	+162430	L 3	45778 L	8185	FU	92092612	125000	002500	350	G E=211,C=48,B=18
RQ076	RJ0437.5-	84	14.00	0436019	-471726	L 3	45761 L	00000	BO	92092316	162117	016000	331	V FESECK:114,FO;
USSBS	HD 29763	21	4.300	0439144	+225146	H 3	45931 L	502	FU	92101212	123800	000230	X03	G C=1.5X,B=47
HFCFB	HD 30311	41	7.260	0444015	+085543	L 3	45909 L	3233	FO	92100922	220000	041000	X34	G E=95,C=2X,B=60
PAL35	HD30422	30	06.52	0444258	-281035	L 3	46036 L	08628	FO	92102214	140141	000400	700	V FESECK:216,SO;
USSBS	HD 30652	41	3.190	0447074	+065232	H 1	23825 L	1131	FU	92090114	140300	000240	502	G C=228,B=40
USSBS	HD 30652	41	3.190	0447074	+065232	H 3	45497 L	1137	FU	92090113	131100	007700	X05	G C=3X,B=66
HFCFB	HD 30869	41	6.270	0449006	+133419	L 3	45927 L	7686	FO	92101121	215200	022000	?43	G E=150,C=3X,B=44
HFCFB	HD 30869	41	6.270	0449006	+133419	L 3	45927 S	7825	FO	92101101	014100	003000	403	G C=179,B=44
PI024	AB 14	59	70.00	0449518	-692557	L 3	45505 L	00000	BO	92090215	155145	018000	351	V FESECK:463,SO;
PI024	AB 14	59	17.00	0449518	-692558	L 1	23832 L	00000	BO	92090218	185904	012000	332	V FESECK:463,SO;
PAL24	HD31293	34	07.24	0452342	+302822	H 1	24224 L	04640	FO	92110111	110509	003500	342	V FESECK:20,SO;

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsstt	ECC	Comment
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24197 L	4109	FO	92103022	221100	003500	456	G E=229,C=205,B=77
PA124	HD31293	34	07.26	0452342	+302822	H 1	24225 L	04540	FO	92110112	122342	003500	442	V FESECK:20,SO;
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24198 L	4152	FO	92103023	233000	003500	478	G E=1.5X,C=210,B=92
PA124	HD 31292	34	07.29	0452342	+302822	H 1	24226 L	04412	FO	92110113	134517	003500	442	V FESECK:20,SO;
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24199 L	4322	FO	92103100	005000	003000	448	G E=213,C=210,B=92
PA124	HD 31293	34	07.35	0452342	+302822	H 1	24227 L	04193	FO	92110115	151539	004000	452	V FESECK:20,SO;
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24200 L	4333	FO	92103102	020800	003000	448	G E=221,C=200,B=100
PA124	HD 31293	34	07.34	0452342	+302822	H 1	24228 L	04249	FO	92100116	164439	004000	452	V FESECK:20,SO
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24201 L	4292	FO	92103103	032400	003000	449	G E=231,C=230,B=120
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24202 L	4265	FO	92103104	043800	003000	449	G E=241,C=225,B=121
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24203 L	4463	FO	92103105	055500	002500	439	G E=202,C=207,B=105
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24204 L	4463	FO	92103107	070900	002500	339	G E=214,C=220,B=124
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24205 L	4443	FO	92103108	081900	002500	349	G E=225,C=208,B=119
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24206 L	4597	FO	92103109	093100	002500	446	G E=179,C=175,B=71
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24207 L	4594	FO	92103110	104300	003000	446	G E=194,C=183,B=76
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24208 L	4502	FO	92103112	120200	003500	446	G E=221,C=197,B=71
ABOIS	AB AURIG	30	7.200	0452342	+302822	H 1	24213 L	4301	FO	92103119	195900	003500	444	G E=197,C=175,B=55
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24214 L	4570	FO	92103121	212900	003500	454	G E=206,C=160,B=54
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24215 L	4402	FO	92103122	225100	003500	444	G E=190,C=165,B=51
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24216 L	4613	FO	92110100	001200	003500	443	G E=181,C=160,B=49
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24217 L	4575	FO	92110101	013300	003500	443	G E=189,C=160,B=49
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24218 L	4659	FO	92110102	025400	004000	444	G E=196,C=176,B=52
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24219 L	4558	FO	92110104	042400	004000	453	G E=215,C=177,B=48
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24220 L	4577	FO	92110105	054600	004000	454	G E=212,C=183,B=57
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24221 L	4559	FO	92110107	071000	004000	XX9	G E=1.5X,C=1.5X,B=147
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24222 L	4490	FO	92110108	083500	003000	447	G E=193,C=205,B=85
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24223 L	4515	FO	92110109	094800	003000	443	G E=164,C=154,B=45
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24230 L	4372	FO	92110119	195000	003500	443	G E=185,C=167,B=48
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24231 L	4337	FO	92110121	211700	003500	443	G E=185,C=170,B=46
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24232 L	4282	FO	92110122	224500	003500	443	G E=188,C=183,B=45
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24233 L	4257	FO	92110200	001200	004000	553	G E=217,C=198,B=47
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24234 L	4295	FO	92110201	015200	004000	453	G E=214,C=191,B=43
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24235 L	4203	FO	92110203	032100	004000	455	G E=232,C=197,B=63
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24236 L	4284	FO	92110204	044700	003500		G E=2x,C=2x,B=1.5x
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24237 L	4249	FO	92110206	060100	001500	XX9	G E=1.5X,C=1.5X,B=176
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24238 L	4306	FO	92110206	065500	001500	339	G E=176,C=207,B=129
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24239 L	4365	FO	92110207	075200	002500	XX9	G E=1.5X,C=1.5X,B=206
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24240 L	4488	FO	92110208	085400	002000	XX9	G E=1.5X,C=1.5X,B=202
ABOIS	AB AUR	30	7.200	0452342	+302822	H 1	24241 L	4598	FO	92110210	103000	001500	339	G E=240,C=234,B=154
ABOIS	AB AUR	30	7.200	0452342	+302822	H 3	46099 L	4177	FO	92103022	225100	048000	407	G C=220,B=88
ABOIS	AB AUR	30	7.200	0452342	+302822	L 3	46100 L	4276	FO	92103104	042600	000300	500	G C=187,B=15
ABOIS	AB AUR	30	7.200	0452342	+302822	L 3	46101 L	4462	FO	92103105	051300	000300	500	G C=183,B=15
ABOIS	AB AUR	30	7.200	0452342	+302822	L 3	46102 L	4388	FO	92103106	062600	000300	500	G C=180,B=15
ABOIS	AB AUR	30	7.200	0452342	+302822	L 3	46103 L	4394	FO	92103107	073800	000300	500	G C=202,B=15
ABOIS	AB AUR	30	7.200	0452342	+302822	L 3	46104 L	4395	FO	92103108	084900	000300	500	G C=206,B=15
ABOIS	AB AUR	30	7.200	0452342	+302822	L 3	46105 L	4515	FO	92103110	100100	000300	500	G C=194,B=15
ABOIS	AB AUR	30	7.200	0452342	+302822	L 3	46106 L	4582	FO	92103111	111800	000300	500	G C=188,B=15
ABOIS	AB AUR	30	7.200	0452342	+302822	H 3	46108 L	4415	FO	92110120	205000	018000	506	G C=235,B=73
ABOIS	AB AUR	30	7.200	0452342	+302822	L 3	46109 L	4604	FO	92110105	050900	000300	500	G C=176,B=17
ABOIS	AB AUR	30	7.200	0452342	+302822	L 3	46110 L	4545	FO	92110106	063200	000300	500	G C=184,B=20

FFO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
ABOIS	AB ALR	30	7.200	0452342	+302822	L 3	46111 L	4454	FO	92110107	075600	000300	501 G	C=198,B=22
ABOIS	AB ALR	30	7.200	0452342	+302822	L 3	46112 L	4421	FO	92110109	091000	000300	500 G	C=188,B=18
ABOIS	AB ALR	30	7.200	0452342	+302822	H 3	46113 L	4615	FO	92110111	114600	018500	505 G	C=222,B=65
ABOIS	AB ALR	30	7.200	0452342	+302822	H 3	46114 L	4323	FO	92110120	203300	021000	X07 G	C=1.5X,B=86
ABOIS	AB ALR	30	7.200	0452342	+302822	L 3	46115 L	4226	FO	92110205	052700	000300	501 G	C=204,B=22
ABOIS	AB ALR	30	7.200	0452342	+302822	L 3	46116 L	4403	FO	92110208	082200	000300	501 G	C=203,B=22
PAL24	HD 31293	34	07.31	0452344	+302822	H 1	24209 L	04352	FO	92103113	133607	003500	433 V	FESBCK:20,SO;
PAL24	HD 31293	34	07.36	0452344	+302822	H 1	24210 L	04170	FO	92103114	145536	003500	453 V	FESBCK:20,SO;
PAL24	HD 31293	34	07.37	0452344	+302822	H 1	24211 L	04112	FO	92103116	161953	003500	453 V	FESBCK:20,SO;
PAL24	HD 31293	34	07.37	0452344	+302822	H 1	24212 L	04117	FO	92103117	174241	003500	453 V	FESBCK:20,SO;
PAL24	HD 31293	34	07.31	0452344	+302822	H 3	46107 L	04352	FO	92103113	130644	017500	602 V	FESBCK:20,SO;SEGMENT
SACOW	HD 31327	23	6.070	0452595	+360525	L 1	23807 L	9313	FO	92083012	124300	000000	402 G	C=165,B=38
SACOW	HD 31327	23	6.070	0452595	+360525	L 1	23807 S	9360	FO	92083012	125200	000240	X02 G	C=3X,B=35
SACOW	HD 31327	23	6.070	0452595	+360525	L 1	23808 L	9389	FO	92083014	140200	000104	502 G	C=216,B=36
SACOW	HD 31327	23	6.070	0452595	+360525	L 1	23808 S	9281	FO	92083014	141500	000400	X02 G	C=5X,B=35
SACOW	HD 31327	23	6.070	0452595	+360525	L 3	45472 L	9339	FO	92083012	120700	000900	301 G	C=3,B=26
SACOW	HD 31327	23	6.070	0452595	+360525	L 3	45473 L	9268	FO	92083014	143800	000322	500 G	C=222,B=16
CCOAB	HD 31398	47	2.690	0453440	+330520	H 1	24183 L	1649	FU	92102911	115000	001000	342 G	E=166,C=69,B=34
CCOAB	HD 31398	47	2.690	0453440	+330520	H 1	24184 L	1692	FU	92102912	123400	001500	352 G	E=201,C=77,B=36
PAL23	FE0457	37	15.00	0455139	-281229	L 3	46302 S	00000	EO	92111912	125537	002200	200 V	FESBCK:185,SO;GU
WD04H	0457-28	37	14.10	0455139	-281228	H 3	46304 L	0	EO	92111918	183600	062000	409 G	C=228,B=128
PAL23	FE0457	37	15.00	0455139	-281229	L 3	46302 L	00000	EO	92111912	123412	001100	500 V	FESBCK:185,SO;GU
PAL23	FE 0457	34	15.00	0455139	-281229	E 9	02624 2	00000	EO	92111918	181000	016000		V FESBCK:92,SO;
PA090	WD0455-28	17	13.70	0455139	-281228	L 3	46318 L	00000	EO	92112312	122059	001500	500 V	FESBCK:147,SO
PA090	WD0455-28	17	13.70	0455139	-281228	L 1	24342 L	00000	EO	92112312	124720	002500	501 V	FESBCK:147,SO
HCOAP	HD 31943	33	8.300	0456060	-430626	L 1	23521 L	1476	FO	92071715	150700	000125	402 G	C=140,B=33
HCOAP	HD 31943	33	8.300	0456067	-430626	L 3	45163 L	1548	FO	92071714	145500	000628	400 G	C=130,B=19
HCOFH	NGC 1770L27	23	14.30	0457140	-682943	L 3	46414 L	0	EO	92120508	082900	002000	200 G	C=40,B=20
HCOFH	NGC 1770 L27	23	14.30	0457142	-682936	L 1	23665 L	0	EO	92080813	135400	004000	08 G	B=100
HCOFH	NGC 1770L22	23	14.10	0457150	-682903	L 1	24411 L	0	EO	92120501	015200	005000	502 G	C=190,B=39
HCOFH	NGC 1770L22	23	14.10	0457150	-682903	L 3	46412 L	0	EO	92120504	043500	006000	403 G	C=160,B=41
HCOFH	NGC 1770-L26	23	12.00	0457172	-682943	L 1	24396 L	244	FO	92120304	045300	001500	X02 G	C=2X,B=40
HCOFH	NGC 1770L26	23	12.00	0457172	-682943	L 1	24414 L	260	FO	92120507	075900	000600	502 G	C=184,B=33
HCOFH	NGC 1770 L26	23		0457172	-682943	L 3	45304 L	0	EO	92080812	125300	005000	X07 G	C=2X,B=87
HCOFH	NGC 1770-L26	23	12.00	0457172	-682943	L 3	45306 L	705	SO	92080912	121500	002500	503 G	C=203,B=50
HCOFH	NGC 1770-L25	23	13.70	0457200	-682920	L 1	24395 L	0	EO	92120302	025500	004500	502 G	C=250,B=39
HCOFH	NGC 1770-L25	23	13.70	0457200	-682920	L 3	45307 L	0	EO	92080914	142600	004000	406 G	C=220,B=71
HCOFH	NGC 1770-L33	23	14.00	0457210	-683143	L 3	46397 L	0		92120307	070100	005000	300 G	C=40,B=19
HCOFH	NGC 1770-L30	23	13.50	0457250	-683040	L 1	23668 L	0		92080915	152200	004000	X03 G	C=1.5X,B=49
HCOFH	NGC 1770-L30	23	13.50	0457250	-683040	L 3	46395 L	0	EO	92120303	035200	004000	440 G	E=146,C=135,B=20
HCOFH	NGC 1770-L3	23	10.90	0457259	-682910	L 1	24394 L	258	FO	92120301	014900	001200	X02 G	C=1.5X,B=33
HCOFH	NGC 1770L 3	23	10.90	0457259	-682910	L 1	24413 L	275	FO	92120505	055300	000630	402 G	C=180,B=37
HCOFH	NGC 1770-L3	23	10.90	0457259	-682910	L 3	45308 L	205	FO	92080916	161100	000400	300 G	C=53,B=15
HCOFH	NGC 1770-L3	23	10.90	0457259	-682910	L 3	46394 L	262	FO	92120302	021000	001700	400 G	C=126,B=16
HCOFH	NGC 1770-L34	23	13.70	0457290	-683109	L 1	24397 L	0	EO	92120306	062600	003000	302 G	C=135,B=40
HCOFH	NGC 1770L34	23	13.70	0457290	-683109	L 3	46411 L	0	EO	92120503	030600	004000	400 G	C=120,B=16
HCOFH	NGC 1770L34	23	13.70	0457290	-683109	L 3	46413 L	0	EO	92120506	064100	005000	501 G	C=210,B=23
PHCAL	NGC 1770/L	00	99.99	0457360	-682826	E 9	02656 2	00000		92120309	090300	016000		V FESBCK:166,FO;FESIES
HCOFH	NGC 1770-L16	23	13.20	0457360	-682826	L 1	24398 L	0		92120307	075800	004500	X02 G	C=1.5X,B=40
HCOFH	NGC 1770L16	23		0457360	-682826	L 1	24412 L	0	EO	92120503	035700	002500	303 G	C=100,B=41

FR0	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment		
HRCFH NCC	1770-L16	23	13.20	0457360	-682826	L 3	46396 L	0	BO	92120305	053300	004500	540 G	E=142,C=175,B=20		
LENSS	S009/IMC	26	12.70	0457364	-663716	L 1	23604 L	0	BO	92073015	152000	002000	402 G	C=167,B=32		
LENSS	S009/IMC	26	12.70	0457364	-663716	L 3	45251 L	105	FO	92073015	155700	003500	400 G	C=130,B=18		
HRCFH NCC	1770-L43	23	12.90	0457470	-682913	L 1	23667 L	0	BO	92080913	131000	002000	309 G	C=150,B=128		
IFCRS HD	31964	66	2.900	0458226	+434505	H 1	24048 L	1292	FU	92100208	080000	002500	X09 G	C=3X,B=123		
IFCRS HD	31964	66	2.900	0458226	+434505	L 3	45613 L	1260	FU	92091212	121000	000500	X00 G	C=1.5X,B=15		
IFCRS HD	31964	66	2.900	0458226	+434505	H 3	45825 L	1270	FU	92100208	083400	002500	X09 G	C=1.5X,B=163		
EVOSC	SAO	39961	21	9.120	0458452	L 3	46081 L	566	FO	92102803	035400	005600	300 G	C=70,B=17		
IFCRS HD	32068	66	3.800	0458590	+410030	H 1	23817 L	738	FU	92083116	162200	000430	442 G	E=188,C=169,B=40		
IFCRS HD	32068	66	3.800	0458590	+410030	H 3	45486 L	745	FU	92083115	153300	001000	402 G	C=173,B=33		
NM21	SK-65	22	15	12.10	0501139	-655649	E 9	02553	2	00000	BO	92062421	213000	016000	000 V	FES FOR SWP 45003 -
NM21	SK-65	22	15	12.10	0501139	-655649	H 3	45003	L	00000	BO	92062422	221759	039000	002 V	
NM21	SK-65	22	15	12.48	0501140	-655647	H 3	45216	L	00174	SD	92072318	183630	037000	402 V	
PHCAL	GL91E2B	37	11.80	0501310	+524548	H 1	24189 L	309	SD	92103001	014800	018200	405 G	C=192,B=67		
PHCAL	GL91E2B	37	11.80	0501310	+524548	H 1	24608 L	152	FO	92122718	180800	022000	406 G	C=215,B=78		
OX91K	G 191E2B	37	11.80	0501310	+524548	L 3	46044 L	112	FO	92102311	111400	000300	500 G	C=190,B=13		
OX91K	G 191E2B	37	11.80	0501310	+524548	L 3	46045 L	108	FO	92102311	115500	000130	500 G	C=194,B=14		
OX91K	G 191E2B	37	11.80	0501310	+524548	L 3	46046 L	442	SD	92102312	122700	000130	500 G	C=194,B=14		
PHCAL	GL91E2B	37	11.80	0501310	+524548	H 3	46600 L	101	FO	92122721	215400	017500	404 G	C=195,B=57		
FML28	GL91 E2B	07	99.99	0501311	+524550	E 9	02632	2	00000	92112811	114500	016000		V FESECK:483,FO; FOR S		
FML28	GL91 E2B	07	99.99	0501311	+524550	E 9	02631	2	00000	92112811	114500	016000		V FESECK:483,FO; FOR S		
FML28	SKY	07	00.00	0501311	+524550	L 3	46358 L	00000	BO	92112800	000000	040000	801 V	FESECK:483,FO; GL91		
FML28	SKY	07	99.99	0501311	+524550	L 1	24360 L	00000		92112812	120505	003000	101 V	FESECK:483,FO;		
FML28	SKY	07	99.99	0501311	+524550	L 1	24361 L	00000		92112800	000000	024000	302 V	FESECK:466,FO; SEFEN		
PA129	RE 0503-28	37	13.90	0501574	-285843	E 9	02673	2	00000	92120716	162500	016000		V FESECK:341,SD; FES F		
HRCES	0503-28	17	13.00	0501575	-285844	H 3	46428 L	0	BO	92120716	165100	047500	408 G	C=196,B=94		
PROCG	HD	293782	60	0502010	-035124	L 1	23996 L	167	FO	92092413	132500	004800	452 G	E=201,C=161,B=38		
PROCG	UX ORI	60	12.00	0502010	-035120	L 3	45774 L	173	FO	92092523	235300	018000	403 G	C=176,B=43		
TBOIS	HD	32537	40	5.000	0502453	+513201	L 3	45832 L	21264	FO	92100306	062100	002000	330 G	E=49,C=15X,B=2	
LENSS	S155/IMC	26	10.20	0502455	-712423	L 1	23597 L	238	FO	92072816	163100	001000	302 G	C=3X,B=35		
LENSS	S155/IMC	26	10.20	0502455	-712422	L 3	45242 L	239	FO	92072817	171200	002000	500 G	C=176,B=17		
CAOSB	HR	1662	44	6.170	0504537	+092426	L 3	45545 L	9040	FO	92090702	025100	024000	404 G	C=186,B=55	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45970 L	1313	FO	92101708	080000	000100	400 G	C=166,B=17	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45971 L	1335	FO	92101708	083200	000120	500 G	C=179,B=17	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45972 L	1338	FO	92101709	090400	000140	500 G	C=205,B=18	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45973 L	1342	FO	92101709	093600	000145	500 G	C=220,B=19	
TTOCP	HD	33088	66	8.300	0506148	+393125	H 3	45974 L	1336	FO	92101710	101100	009000	405 G	C=193,B=70	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45975 L	1265	FO	92101712	121400	000145	500 G	C=203,B=17	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45976 L	1228	FO	92101712	124300	000145	500 G	C=196,B=17	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45982 L	733	FO	92101806	063600	000200	400 G	C=142,B=15	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45983 L	618	FO	92101807	070400	000240	400 G	C=157,B=15	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45984 L	530	FO	92101807	074100	000300	400 G	C=120,B=17	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45985 L	630	FO	92101808	081800	000300	400 G	C=151,B=20	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45986 L	761	FO	92101808	084800	000300	501 G	C=183,B=23	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45987 L	899	FO	92101809	092800	000300	500 G	C=213,B=20	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45988 L	1051	FO	92101809	095800	000230	500 G	C=212,B=17	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45989 L	1114	FO	92101810	102600	000210	500 G	C=226,B=17	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45990 L	1203	FO	92101810	105400	000145	500 G	C=190,B=15	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45991 L	1228	FO	92101811	112100	000145	500 G	C=203,B=16	
TTOCP	HD	33088	66	8.300	0506148	+393125	L 3	45992 L	1254	FO	92101811	115700	000130	500 G	C=183,B=15	

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	transst	ECC	Comment
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	45993	L	1284	FO	92101812	122400	000115	500 G	C=170,B=15
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46001	L	1255	FO	92101905	053900	000140	500 G	C=234,B=16
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46002	L	1264	FO	92101906	060700	000130	500 G	C=217,B=15
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46003	L	1281	FO	92101906	063700	000130	500 G	C=208,B=15
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46004	L	1293	FO	92101907	071300	000130	500 G	C=213,B=15
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46005	L	1304	FO	92101907	074300	000130	500 G	C=204,B=15
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46006	L	1294	FO	92101908	081400	000130	500 G	C=215,B=15
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46007	L	1305	FO	92101908	084100	000130	500 G	C=220,B=17
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46008	L	1315	FO	92101909	091300	000130	500 G	C=214,B=17
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46009	L	1303	FO	92101909	094500	010000	408 G	C=215,B=95
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46014	L	1075	FO	92102005	054400	000155	500 G	C=193,B=14
TTOGP HD	33088 66	8.300	0506148	+393125	H 3	46015	L	1016	FO	92102006	062000	009000	303 G	C=145,B=50
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46016	L	851	FO	92102008	082400	000215	500 G	C=218,B=14
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46017	L	931	FO	92102009	090300	000200	500 G	C=208,B=15
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46018	L	1023	FO	92102009	093700	000150	500 G	C=203,B=13
TTOGP HD	33088 66	8.300	0506148	+393125	L 3	46019	L	1090	FO	92102010	101000	000145	500 G	C=206,B=14
WDOJH	0512-00 37	13.80	0509335	+004539	L 3	45952	S	214	SO	92101601	012900	002400	500 G	C=171,B=15
WDOJH	0512-00 37	13.80	0509335	+004539	L 3	45952	L	212	SO	92101602	020000	001200	300 G	C=91,B=15
PHCAL	SAO 150239 00	99.99	0510552	-125957	E 9	02633	2	00000		92120109	093933	016000		V 65,FO; FES TEST
PHCAL	SAO 150239 00	04.74	0510552	-125957	E 9	02645	2	00374	FU	92120210	101500	016000		V FESBCK:62,FO; FES TE
PHCAL	SAO 150239 00	04.49	0510552	-125957	E 9	02670	2	00468	FU	92120609	092414	016000		V FESBCK:258,SO;FNT(-3
CD27Z	HD 33959C 37	7.400	0512079	+323745	L 1	23959	L	0	BD	92091623	235600	000500	X02 G	C=2X,B=33
CD27Z	HD 33959C 37	7.400	0512079	+323745	L 3	45662	L	0	BD	92091623	234700	000500	300 G	C=85,B=15
CD27Z	HD 33959C 37	7.400	0512079	+323745	H 3	45663	L	0	BD	92091700	002900	038000	307 G	C=188,B=89
CBORK	HD 33959C 37	7.400	0512079	+323745	L 3	45690	L	0	BD	92092007	074000	001800	500 G	C=239,B=16
CBORK	HD 33959C 37	7.400	0512079	+323745	L 3	45710	L	0	BD	92092102	023500	002200	X00 G	C=1.5X,B=15
SSOBL	R AUR 43	6.700	0513153	+533157	L 3	45913	L	1661	FO	92101009	092500	003000	00 G	B=19
LEOSS	S22/IMC 26	11.00	0513573	-673011	L 3	46592	L	252	FO	92122622	224300	005000	401 G	C=160,B=23
LEOSS	S022/IMC 26	11.80	0513574	-673012	L 1	23595	L	154	FO	92072813	131700	001500	502 G	C=190,B=32
LEOSS	S22/IMC 26	11.00	0513574	-673011	L 1	24599	L	250	FO	92122622	220300	001200	402 G	C=151,B=33
LEOSS	S022/IMC 26	11.80	0513574	-673012	L 3	45240	L	158	FO	92072813	134700	005000	501 G	C=187,B=24
NA040	HEN S93 33	12.70	0516438	-682524	L 1	23269	L	00000	BD	92060821	214944	004500	312 V	
NA040	HEN S93 33	12.70	0516438	-682524	L 3	44896	L	00000	BD	92060822	224030	018000	311 V	
PHCAL	HD 00034816 20	4.290	0517162	-131337	H 1	23858	L	597	FU	92090610	100100	000022	503 G	C=218,B=48
PHCAL	HD 00034816 20	4.290	0517162	-131337	H 1	24104	L	565	FU	92101606	065600	000022	503 G	C=195,B=42
PHCAL	HD 00034816 20	4.290	0517162	-131337	H 1	24330	L	553	FU	92112005	054000	000022	403 G	C=189,B=43
PHCAL	HD 00034816 20	4.290	0517162	-131337	H 1	24559	L	557	FU	92122305	053700	000022	502 G	C=190,B=39
PHCAL	NULL 99		0517162	-131337	L 2	18681	L	0		92122901	015000	000000	01 G	B=30
PHCAL	HD 34816 20	4.290	0517162	-131337	H 2	18682	L	552	FU	92122902	025100	000035	501 G	C=208,B=30
PHCAL	HD 00034816 20	4.290	0517162	-131337	H 3	45537	L	600	FU	92090610	100600	000022	502 G	C=200,B=31
PHCAL	HD 00034816 20	4.290	0517162	-131337	H 3	45955	L	565	FU	92101606	065200	000022	501 G	C=201,B=30
PHCAL	HD 00034816 20	4.290	0517162	-131337	H 3	46305	L	556	FU	92112005	054700	000022	401 G	C=167,B=30
PHCAL	HD 00034816 20	4.290	0517162	-131337	H 3	46563	L	556	FU	92122305	054600	000022	402 G	C=175,B=31
LEOSS	S096/IMC 26	10.00	0518332	-691802	L 1	23596	L	467	FO	92072815	150300	000400	X01 G	C=2X,B=29
LEOSS	S096/IMC 26	10.00	0518332	-691802	L 3	45241	L	470	FO	92072815	153600	002500	X00 G	C=2X,B=20
PI046	UV AUR 49	10.64	0518333	+322748	L 3	45459	L	00224	FO	92082818	180539	002000	400 V	FESBCK: 312,SO;
PI046	UV AUR 49	10.65	0518333	+322748	L 1	23795	L	00223	FO	92082810	104313	001500	501 V	FESBCK: 312,SO;
PI046	UV AUR 49	10.65	0518333	+322748	L 3	45460	L	00222	FO	92082819	191422	005000	500 V	FESBCK: 312,SO;
PI046	UV AUR 49	10.66	0518333	+322748	L 1	23796	L	00221	FO	92082820	201149	005000	701 V	FESBCK: 312, SO;
PI046	SY MUS 49	11.18	0518333	+322748	L 3	45461	L	00139	FO	92082822	220208	002000	350 V	FESBCK: 285,SO;

FEO	Object	CL	MFG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
PAL30 RE	0521-10	37	99.99	0518574	-103208	L 3	45948 S	00000	SD	92101514	144239	000324	311 V	FESBCK:285,SO;TA
PAL30 RE	0521-10	37	99.99	0518574	-103208	L 3	45948 L	00000	SD	92101514	145101	000142	211 V	FESBCK:285,SO;TA
PAL30 RE	0521-14	37	15.22	0518574	-103208	L 3	45949 L	00015	SD	92101515	153416	003400	300 V	FESBCK:285,SO;TARGET
PIT00	NULL	99	99.99	0519363	-685733	L 1	24367	00000		92112900	000000	000000		V FESBCK:9918,FO;CAMER
PIT00	NOVA IMC92	55	12.00	0519363	-685733	L 3	46369 L	00000	EO	92112917	175816	002500	201 V	FESBCK:9918,FO; EXPO
EQ078	NOVA IMC 1	55	10.24	0519364	-685733	E 9	02619 2	00320	FO	92111311	112010	016000		V FESBCK:500,FO;AT OFF
NO0SS	N IMC 92	55	10.40	0519364	-685733	L 1	24327 L	938	SD	92111904	044000	000500	342 G	E=134,C=75,B=32
PIT00	NOVA IMC 1	55	10.24	0519364	-685733	L 3	46259 L	00320	FO	92111310	104633	018000	311 V	FESBCK:500,FO;AT OFF
NO0SS	N IMC 92	55	11.90	0519364	-685733	L 1	24328 L	228	FO	92111906	064300	001000	352 G	E=214,C=100,B=34
NO0SS	N IMC 92	55	10.40	0519364	-685733	L 3	46299 L	229	FO	92111905	051400	008000	502 G	C=194,B=36
NO0SS	NOVA1992	55	11.90	0519368	-685731	L 1	24345 L	195	FO	92112406	060800	000300	333 G	E=108,C=74,B=41
NO0SS	NOVA1992	55	11.90	0519368	-685731	L 1	24345 S	196	FO	92112406	062200	000900	333 G	E=96,C=63,B=41
NO0SS	NOVA1992	55	12.90	0519368	-685731	L 1	24346 L	195	FO	92112407	073200	001000	352 G	E=223,C=84,B=33
NO0SS	N IMC 92	55	13.00	0519368	-685731	L 1	24402 L	0	BO	92120402	024000	001000	342 G	E=137,C=70,B=33
NO0SS	N IMC 92	55	13.00	0519368	-685731	L 1	24403 L	0	BO	92120404	040600	002500	342 G	E=1.5X,C=130,B=37
NO0SS	N IMC 92	55	13.00	0519368	-685730	L 1	24450 L	0	BO	92121001	013100	001500	352 G	E=225,C=101,B=35
NO0SS	N IMC 92	55	13.00	0519368	-685731	L 1	24451 L	0	BO	92121003	031000	003000	4X3 G	E=2X,C=169,B=46
NO0SS	IMC 1992	55	13.00	0519368	-685731	L 1	24457 L	0	BO	92121201	014200	001500	352 G	E=197,C=83,B=35
NO0SS	IMC 1992	55	13.00	0519368	-685731	L 1	24458 L	0	BO	92121203	030600	006000	5X7 G	E=3X,C=240,B=85
NO0SS	N IMC 92	55		0519368	-685731	L 1	24598 L	0	BO	92122619	195300	002000	35 G	E=133,B=70,B=35
NO0SS	NOVA1992	55	11.90	0519368	-685731	L 3	46323 L	197	FO	92112406	064100	004000	341 G	E=145,C=63,B=21
NO0SS	NOVA1992	55	11.90	0519368	-685731	L 3	46324 L	196	FO	92112408	080500	004500	340 G	E=158,C=64,B=16
NO0SS	N IMC 92	55	13.00	0519368	-685731	L 3	46401 L	0	BO	92120402	025700	006000	351 G	E=219,C=110,B=23
NO0SS	N IMC 92	55	13.00	0519368	-685731	L 3	46402 L	0	BO	92120404	045200	004500	451 G	E=204,C=130,B=25
NO0SS	N IMC 92	55	13.00	0519368	-685731	L 3	46442 L	0	BO	92121002	021200	005000	3X0 G	E=1.5X,C=62,B=19
NO0SS	N IMC 92	55	13.00	0519368	-685731	L 3	46443 L	0	BO	92121003	035100	005500	3X3 G	E=1.5X,C=107,B=44
NO0SS	IMC 1992	55	13.00	0519368	-685731	L 3	46445 L	0	BO	92121202	021000	005000	3X1 G	E=1.5X,C=95,B=23
NO0SS	N IMC 92	55		0519368	-685731	L 3	46590 L	0	BO	92122618	183400	005000	3X1 G	E=2X,C=50,B=25
NO0SS	N IMC 92	55		0519368	-685731	L 3	46591 L	0	BO	92122620	203100	003000	251 G	E=216,C=40,B=25
NO0SS	N IMC 92	55		0519369	-685731	L 1	24543 L	0	BO	92122002	020500	001500	342 G	E=164,C=73,B=35
NO0SS	N IMC 92	55		0519369	-685731	L 1	24544 S	0	BO	92122003	033400	003000	203 G	C=62,B=49
NO0SS	N IMC 92	55		0519369	-685731	L 1	24544 L	0	BO	92122004	040800	004500	3X3 G	E=1.5X,C=119,B=49
NO0SS	N IMC 92	55		0519369	-685731	L 3	46537 L	0	BO	92122002	023500	005000	3X1 G	E=1.5X,C=57,B=21
NO0SS	N IMC 92	55	10.00	0519420	-685700	L 1	24302 L	799	FO	92111308	080000	000500	333 G	E=80,C=79,B=42
NO0SS	N IMC 92	55	10.20	0519420	-685700	L 1	24303 L	796	FO	92111309	091700	002000	542 G	E=165,C=189,B=38
NO0SS	N IMC 92	55	10.00	0519420	-685700	L 3	46258 L	0	FO	92111308	081100	004500	302 G	C=66,B=40
IF01A	HD 35155	66	6.770	0519548	-084247	L 1	24286 L	5629	FO	92110623	233300	000600	352 G	E=222,C=84,B=32
IF01A	HD 35155	66	6.770	0519548	-084247	H 1	24287 L	5643	FO	92110700	005500	007500	343 G	E=159,C=88,B=44
IF01A	HD 35155	66	6.770	0519548	-084247	L 3	46148 L	5591	FO	92110623	234800	006000	450 G	E=207,C=165,B=20
PHCAL	HD 35580	22	6.100	0521268	-561051	H 1	23625 L	10469	FO	92080308	083100	000800	502 G	C=208,B=39
PHCAL	HD 35580	22	6.200	0521268	-561050	L 1	23693 L	10285	FO	92081316	163200	000007	502 G	C=230,B=32
PHCAL	HD 35580	22	6.100	0521268	-561051	H 3	45268 L	9986	FO	92080309	090600	001000	402 G	C=166,B=32
P1024	N44C	59	14.00	0522234	-680115	H 3	45506 L	00000	BO	92090221	213335	007400	231 V	FESBCK:450,SO;
PN0SH	IC 418	70	9.600	0525120	-124358	L 1	24371 L	965	FO	92113005	055800	000200	5X2 G	E=1.5X,C=240,B=38
PN0SH	IC 418	70	9.600	0525120	-124358	L 3	46377 L	960	FO	92113005	055000	000200	540 G	E=154,C=180,B=15
PN0SH	IC 418	70	9.600	0525120	-124358	L 3	46378 L	976	FO	92113006	062900	000200	540 G	E=157,C=180,B=15
PA049	IMC E007	12	13.50	0525374	-661601	L 3	45385 L	00000	EO	92082023	232916	007800	300 V	FESBCK:494,F/O;
PA049	IMC E006	12	12.90	0525583	-661905	L 3	45382 L	00000	EO	92082018	181154	006000	300 V	FESBCK:494,S/O;
PA049	IMC E006	12	12.90	0525583	-661905	L 1	23729 L	00000	EO	92082019	191639	003000	302 V	FESBCK:494,S/O;
PA049	SK -66 88	20	12.20	0525583	-661905	L 3	45383 L	00000	EO	92082019	195637	003000	300 V	FESBCK:494,S/O;

FPO	Object	CL	MAG	R.A.	DEC	D C	Image	A	FES	MD	Cos.date	Exptim	mmmsstt	ECC	Comment
PA049 SK -66 88		20	12.20	0525583	-661905	L 1	23730	L	0000	HO	92082020	203342	004500	503 V	FESCK:494,S/O; SEGM
PA049 SK -66 88		20	12.20	0525583	-661905	L 3	45384	L	0000	HO	92082000	000000	009000	300 V	FESCK:494,S/O;
PA049 IMC E003		12	12.10	0526029	-661625	L 3	45374	L	0000	HO	92081923	232622	004000	330 V	FESCK:125,S/O;
PA049 IMC E003		12	12.10	0526029	-661625	L 1	23722	L	0000	HO	92082000	001104	004000	403 V	FESCK:125,F/O;
PA049 IMC E001		12	12.80	0526032	-661707	3	45372	L	0000	HO	92081918	184428	004000	430 V	FESCK:472,S/O;
PA049 IMC E001		12	12.80	0526032	-661707	L 1	23720	L	0000	HO	92081919	192911	004000	602 V	FESCK:472,S/O;
PA049 IMC E008		12	14.60	0526032	-661707	L 3	45373	L	0000	HO	92081920	201525	009000	300 V	FESCK:125,F/O;
PA049 IMC E008		12	14.60	0526032	-661707	L 1	23721	L	0000	HO	92081921	215158	009000	302 V	FESCK:125,F/O;
PHCAL WAWCAL		98		0527154	-683944	L 1	24264	S	0		92110503	033400	000001	72 G	E=10X,B=31
PHCAL TIFLOOD		99		0527154	-683944	L 1	24265	S	0		92110504	040700	000025	08 G	B=100
PHCAL WAWCAL		98		0527154	-683944	L 3	46132	S	0		92110504	044800	000002	70 G	E=10X,B=16
PHCAL TIFLOOD		99		0527154	-683944	L 3	46133	S	0		92110505	052200	000005	09 G	B=104
PHCAL WAWCAL		98		0527154	-683945	H 3	46134	S	0		92110505	054800	000200	31 G	E=60X,B=26
NA040 HEN S35		23	12.70	0527160	-662430	L 1	23271	L	0000	HO	92060904	043023	002000	411 V	TWO SPECTRA VISIBLE
NA040 HEN S35		23	12.70	0527160	-662430	L 3	44903	L	0000	HO	92060922	223017	006000	500 V	
SC06S HD 269587		33	11.80	0528151	-664326	L 1	23345	L	451	SO	92062115	151600	006000	403 G	C=150,B=50
SC06S HD 269587		33	11.80	0528151	-664326	L 3	45104	L	519	SO	92070904	041500	039500	305 G	C=154,B=64
NI153 RXJ0527B		59	15.30	0528155	-695622	L 3	44877	L	0000	HO	92060701	011445	021300	200 V	
PI024 RXJ0527AB		59	15.30	0528161	-695626	L 1	23826	L	0000	HO	92090116	162100	010000	302 V	FESCK:469,SO;
PI024 RXJ 0527AB		59	15.30	0528161	-695626	L 3	45499	L	0000	HO	92090118	180847	027800	302 V	FESCK: 469,S/O;
NI153 RXJ0527A		59	15.20	0528166	-695630	L 3	44876	L	0000	HO	92060622	223341	012000	200 V	
LE06S S111/IMC		26	10.10	0528420	-691051	L 1	24600	L	437	FO	92122723	235900	000600	502 G	C=202,B=33
LE06S S111/IMC		26	10.10	0528420	-691051	L 3	46593	L	438	FO	92122700	003800	000800	500 G	C=209,B=14
SC06S HD 269651		32	10.70	0530529	-691120	L 1	23281	L	212	FO	92061015	152200	002100	442 G	E=179,C=182,B=39
SC06S HD 269651		32	10.70	0530529	-691120	L 3	44909	L	211	FO	92061013	135600	007800	301 G	C=120,B=23
LE06S S117/IMC		26	10.70	0531126	-693337	L 1	23603	L	299	FO	92073012	124400	000900	502 G	C=224,B=32
LE06S S117/IMC		26		0531126	-693337	L 3	45250	L	291	FO	92073013	133600	002000	400 G	C=145,B=17
CD18Z ML SEREN		73		0531290	+215737	L 1	23841	L	0		92090400	001100	036000	309 G	C=140,B=105
CD18Z CRAB NEB		73		0531293	+215842	L 3	45514	L	0	HO	92090400	000900	040000	337 G	E=113,C=124,B=83
DAOJH 0534-02		37	12.60	0531491	-021628	L 3	45953	L	292	SO	92101603	030500	000800	200 G	C=32,B=12
DAOJH 0534-02		37	12.60	0531491	-021628	L 3	45953	S	296	SO	92101603	031900	001600	00 G	B=12
CD21Z P1414		40	11.40	0531526	-042036	L 1	24056	L	171	FO	92100307	073800	003000	308 G	C=153,B=98
CD21Z P1507		31	10.26	0532066	-050503	L 1	24080	L	318	FO	92100511	114400	005500	XX9 G	E=1.5X,C=2X,B=150
PA071 HD36861		15	03.41	0532228	+095409	H 3	46223	L	01226	FU	92111115	152608	000020	500 V	FESCK:148,SO;
PA071 HD36861		15	03.47	0532229	+095410	H 3	46163	L	01156	FU	92110812	120836	000020	500 V	
SW0JN HD 36861		15	3.700	0532229	+095403	H 3	46156	L	1131	FU	92110805	055900	000020	502 G	C=211,B=38
PA071 HD 36861		13	03.47	0532229	+095410	H 3	46184	L	01160	FU	92110911	110859	000020	500 V	
SW0JN HD 36861		15	3.700	0532229	+095403	H 3	46159	L	1153	FU	92110808	084500	000020	502 G	C=210,B=39
PA071 HD36861		15	03.44	0532229	+095410	H 3	46203	L	01185	FU	92111015	152356	000021	500 V	
SW0JN HD 36861		13	3.700	0532229	+095403	H 3	46169	L	1141	FU	92110820	204500	000020	502 G	C=228,B=39
PA071 HD36861		15	03.30	0532229	+095410	H 3	46245	L	01349	FU	92111214	142855	000020	500 V	
SW0JN HD 36861		15	3.700	0532229	+095403	H 3	46172	L	1162	FU	92110823	233300	000020	502 G	C=224,B=39
PA071 HD36861		15	03.35	0532229	+095410	H 3	46247	L	01286	FU	92111216	161327	000020	500 V	
SW0JN HD 36861		15	3.700	0532229	+095403	H 3	46177	L	1163	FU	92110904	045600	000020	502 G	C=209,B=39
P1100 HD36861		15	03.39	0532229	+095410	H 3	46260	L	01243	FU	92111315	155745	000020	500 V	FESCK:182,FO;
SW0JN HD 36861		15	3.700	0532229	+095403	H 3	46180	L	1164	FU	92110907	074000	000020	502 G	C=230,B=39
PA071 HD36861		15	03.44	0532229	+095410	H 3	46220	L	01191	FU	92111111	113305	000020	500 V	FESCK:360,SO;
SW0JN HD 36861		15	3.700	0532229	+095403	H 3	46189	L	1193	FU	92110922	220000	000020	502 G	C=226,B=39
SW0JN HD 36861		15	3.700	0532229	+095403	H 3	46192	L	1169	FU	92111001	013900	000020	502 G	C=231,B=39
SW0JN HD 36861		15	3.700	0532229	+095403	H 3	46196	L	1165	FU	92111006	062400	000020	502 G	C=239,B=39

FRO	Object	CL	MAG	R.A.	DEC	D C Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
SWJN HD	36861	15	3.700	0532229	+095403	H 3 46199 L	1218	FU	92111009	094800	000019	502	G C=220,B=39
SWJN HD	214680	15	3.700	0532229	+095403	H 3 46207 L	1278	FU	92111020	202800	000019	502	G C=208,B=38
SWJN HD	36861	15	3.700	0532229	+095403	H 3 46210 L	1219	FU	92111100	000200	000019	502	G C=217,B=35
SWJN HD	36861	15	3.700	0532229	+095403	H 3 46216 L	1164	FU	92111107	074300	000019	502	G C=220,B=38
SWJN HD	36861	15	3.700	0532229	+095403	H 3 46227 L	1402	FU	92111119	195400	000020	502	G C=222,B=39
SWJN HD	36861	15	3.700	0532229	+095403	H 3 46230 L	1282	FU	92111123	231700	000020	502	G C=225,B=40
SWJN HD	36861	15	3.700	0532229	+095403	H 3 46234 L	1201	FU	92111203	032400	000020	502	G C=217,B=38
SWJN HD	36861	15	3.700	0532229	+095403	H 3 46237 L	1207	FU	92111206	061500	000020	502	G C=241,B=40
SWJN HD	36861	15	3.700	0532229	+095403	H 3 46241 L	1291	FU	92111209	095600	000020	502	G C=232,B=38
SWJN HD	36861	15	3.700	0532229	+095403	H 3 46253 L	1196	FU	92111302	023900	000020	502	G C=240,B=39
SWJN HD	36861	15	3.700	0532229	+095403	H 3 46257 L	1259	FU	92111306	062500	000020	502	G C=231,B=39
USSBS HD	36819	20	5.300	0532237	+240030	H 1 24277 L	17909	FO	92110600	001500	000250	502	G C=220,B=38
USSBS HD	36819	20	5.300	0532237	+240030	H 3 46138 L	18040	FO	92110600	000000	000430	502	G C=198,B=34
CD21Z	P1654	22	8.880	0532280	-044752	L 1 24059 L	957	FO	92100311	114100	000200	502	G C=215,B=31
CD21Z	P1698	30	8.870	0532351	-042500	L 1 24055 L	926	FO	92100305	053100	000330	X02	G C=1.5X,B=31
CD21Z	P1698	30	8.870	0532351	-042500	L 1 24057 L	981	FO	92100310	100500	000200	446	G E=218,C=208,B=71
CD21Z	P1817	46	11.13	0532469	-044637	L 1 24060 L	208	FO	92100312	122500	002500	332	G E=87,C=71,B=37
CD21Z	NULL	99		0532469	-044637	L 3 45834 L	0		92100312	122600	000000	00	G B=10
CD21Z	P1854	30	10.10	0532496	-044300	L 1 24077 L	0	BO	92100508	081600	001000	407	G C=203,B=87
CD21Z	P1881	30	9.810	0532502	-044249	L 1 24065 L	487	FO	92100408	083000	002000	X09	G C=2X,B=127
CD21Z	P1881	30	9.810	0532502	-044249	L 1 24076 L	0	BO	92100507	072700	001500	X06	G C=2X,B=73
CD21Z	P1881	30	9.810	0532502	-044249	H 1 24079 L	0	BO	92100510	105100	000500	406	G C=229,B=79
SOCM	MT ORI	52	11.20	0532505	-052438	L 1 24001 L	784	FO	92092508	084100	001200	442	G E=180,C=173,B=37
SOCM	MT ORI	52	11.20	0532505	-052438	L 1 24002 S	785	FO	92092510	100500	002900	303	G C=105,B=48
SOCM	MT ORI	52	11.20	0532505	-052438	L 1 24003 L	783	FO	92092511	113400	002000	552	G E=231,C=228,B=36
SOCM	MT ORI	52	11.20	0532505	-052438	L 1 24004 L	789	FO	92092513	131600	002936	X02	G C=2X,B=35
SOCM	MT ORI	52	11.20	0532505	-052438	L 1 24014 L	789	FO	92092712	123500	001200	452	G E=186,C=169,B=35
SOCM	MT ORI	52	11.20	0532505	-052438	L 1 24015 L	778	FO	92092713	133400	001300	452	G E=193,C=182,B=33
SOCM	MT ORI	52	11.20	0532505	-052438	L 1 24016 L	781	FO	92092714	142700	001300	442	G E=162,C=167,B=34
SOCM	MT ORI	52	11.20	0532505	-052438	L 3 45769 L	783	FO	92092509	094900	000600	430	G E=97,C=135,B=17
SOCM	MT ORI	52	11.20	0532505	-052438	L 3 45770 L	788	FO	92092510	105100	002000	X51	G E=227,C=2X,B=28
SOCM	MT ORI	52	11.20	0532505	-052438	L 3 45771 L	791	FO	92092512	123700	003000	XX1	G E=3X,C=3X,B=26
SOCM	MT ORI	52	11.20	0532505	-052438	L 3 45772 L	781	FO	92092514	142000	002000	X50	G E=236,C=1.5X,B=20
HCFY M42-H3A		69		0532546	-052651	L 1 23946 L	0	BO	92091600	005400	001000	X02	G C=3X,B=33
HCFY M42-H3A		69		0532546	-052651	L 3 45653 L	0	BO	92091601	011700	005300	703	G C=10X,B=44
HCFY M42-H3A		69		0532548	-052655	L 1 23947 S	0	BO	92091602	025900	007500	503	G C=241,B=50
HCFY M42-H3A		69		0532548	-052655	L 3 45654 S	0	BO	92091604	042300	004500	501	G C=217,B=26
HCFY M42-H4C		69		0532569	-052633	L 1 23948 L	0	BO	92091605	052700	002000	X02	G C=1.5X,B=38
HCFY M42-H4C		69		0532569	-052633	L 3 45655 S	0	BO	92091606	061500	003500	X01	G C=6X,B=26
FO025 HD37077		40	05.57	0533113	-045313	L 1 23837 L	17947	FO	92090315	155057	000015	500	V FESBCK: 354, SO;
FO025 HD37077		40	05.54	0533114	-045314	L 3 45510 L	18359	FO	92090316	160102	003000	700	V FESBCK: 354, SO;
CD21Z	P2131	40	5.250	0533114	-045313	L 1 24058 L	18627	FO	92100310	105700	000055	X02	G C=3X,B=39
CD21Z	P2131	40	5.250	0533114	-045313	L 1 24063 L	17808	FO	92100405	053500	000020	X02	G C=1.5X,B=35
CD21Z	P2131	40	5.250	0533114	-045313	H 1 24064 L	17779	FO	92100407	072200	001200	403	G C=188,B=41
CD21Z	P2131	40	5.250	0533114	-045313	L 1 24078 L	17883	FO	92100510	100500	000010	502	G C=190,B=34
CD21Z	P2131	40	5.250	0533114	-045313	L 3 45845 L	17918	FO	92100510	101000	000030	300	G C=82,B=17
SCGS HD	269735	33	11.70	0533240	-692426	L 1 23346 L	498	SO	92062117	171700	005000	302	G C=130,B=40
SCGS HD	269735	33	11.70	0533240	-692426	L 3 46090 L	769	SO	92102821	215100	041800	407	G C=184,B=82
TUCRP	ET TAU	66	9.100	0534329	+271434	L 1 24122 L	953	FO	92102106	062700	000800	702	G C=1.5X,B=31
TUCRP	ET TAU	66	9.100	0534329	+271434	L 3 46023 L	947	FO	92102106	061000	000800	500	G C=241,B=14

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Expt.im	nummsstt	ECC	Comment
NAC23 ER 50		10	14.10	0534449	-694702	E 9	02599 2	00000	EO	92102414	144500	016000		V FESBCK:128 F/O;FES F
NAC23 ER 50		10	14.10	0534449	-694702	H 3	46050 L	00000	EO	92102414	143922	036500		242 V FESBCK:128,FO;
SNGS SN 1987A		56	17.00	0535500	-691758	L 1	23282 L	0	EO	92061016	165500	016000		X07 G C=1.5X,B=84
SNGS SN 1987A		56	18.00	0535500	-691758	L 1	23799 L	0	EO	92082901	015000	018000		505 G C=235,B=64
SNGS SN 1987A		56	18.00	0535500	-691758	L 1	23800 L	0	EO	92082905	051700	021000		505 G C=244,B=66
SNGS SN 1987A		56	17.00	0535500	-691758	L 1	24333 L	0	EO	92112101	010600	010000		403 G C=175,B=44
SNGS SN 1987A		56	18.00	0535500	-691758	L 3	45426 L	0	EO	92082502	025300	035500		406 G C=211,B=73
SNGS SN 1987A		56	17.00	0535500	-691758	L 3	46307 L	0	EO	92112019	194400	032000		503 G C=218,B=50
NEO62 STAR 3		20	15.80	0535503	-691759	E 9	02548 2	00000	EO	92061021	212000	016000		V FES SWP44910LWP22283
SNGS STAR 3		23	15.80	0535503	-691758	L 3	44910 S	0	EO	92061020	200600	098000		309 G C=197,B=122
SNGS SKY BKGD		07		0536088	-691738	L 1	23283 L	0		92061020	205000	088000		309 G C=190,B=140
SNGS HD 269809		33	11.80	0536093	-695300	L 1	24263 L	184	FO	92110501	011400	009500		403 G C=150,B=45
NAC40 R 127		52	09.37	0537060	-693150	H 1	23278 L	00698	FO	92060923	235208	022500		402 V
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46157 L	4828	FU	92110806	064000	000007		XX3 G E=1.5X,C=1.5X,B=49
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46160 L	4953	FU	92110809	092600	000006		XX3 G E=1.5X,C=1.5X,B=44
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46171 L	4892	FU	92110822	225100	000005		X03 G C=1.5X,B=42
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46174 L	5020	FU	92110901	015700	000005		X03 G C=1.5X,B=42
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46178 L	4881	FU	92110905	053300	000005		XX2 G E=1.5X,C=1.5X,B=38
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46181 L	4874	FU	92110908	082100	000005		XX2 G E=1.5X,C=1.5X,B=35
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46190 L	4829	FU	92110922	225800	000005		X03 G C=1.5X,B=41
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46193 L	4817	FU	92111002	023700	000005		X03 G C=1.5X,B=42
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46197 L	4856	FU	92111007	071300	000005		X03 G C=1.5X,B=42
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46200 L	4982	FU	92111010	104600	000005		503 G C=243,B=41
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46208 L	4967	FU	92111021	211700	000004		502 G C=240,B=39
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46211 L	4877	FU	92111100	005600	000004		502 G C=241,B=39
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46217 L	4848	FU	92111108	083700	000004		502 G C=247,B=39
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46228 L	4952	FU	92111120	204200	000004		X02 G C=1.5X,B=39
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46231 L	4930	FU	92111200	000400	000005		X02 G C=1.5X,B=39
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46235 L	4925	FU	92111204	040800	000004		502 G C=244,B=40
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46238 L	5035	FU	92111206	065700	000004		503 G C=239,B=41
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46242 L	5064	FU	92111210	103600	000005		502 G C=246,B=40
SWJN HD 37742		13	2.000	0538139	-015808	H 3	46254 L	4812	FU	92111303	033000	000004		502 G C=252,B=39
PA071 HD37742		13	01.74	0538140	-015803	H 3	46164 L	05367	FU	92110812	125229	000005		500 V
PA071 HD37742		13	01.85	0538140	-015803	H 3	46166 L	04879	FU	92110814	145910	000005		700 V
PA071 HD 37742		13	01.86	0538140	-015803	H 3	46185 L	04841	FU	92110912	120211	000005		600 V
PA071 HD 37742		13	01.86	0538140	-015803	H 3	46202 L	04836	FU	92111014	142713	000005		700 V FESBCK:173,SOO; AT R
PA071 HD37742		13	01.79	0538140	-015803	H 3	46246 L	05146	FU	92111215	152520	000004		500 V
PA071 HD 37742		13	01.93	0538140	-015803	H 3	46221 L	04565	FU	92111112	123824	000004		600 V
PA071 HD 37742		13	01.86	0538140	-015803	H 3	46224 L	04832	FU	92111116	161143	000004		600 V
PHCAL SKYBKGD		07		0538307	-640703	L 1	24322 L	0		92111723	232700	012000		303 G C=130,B=47
ADOPAC SKY BKGD		07		0538364	-640738	H 1	24052 L	0		92100223	230000	003000		02 G B=31
ADOPAC SKY BKGD		07		0538364	-640738	H 1	24053 L	0	EO	92100300	002500	003000		04 G B=55
ADOPAC SKY BKGD		07		0538364	-640738	H 1	24054 L	0	EO	92100302	021400	003000		02 G B=40
ADOPAC ILC X-3		59	16.60	0538399	-640637	H 3	44831 L	0	EO	92060205	054600	042000		305 G C=142,B=68
ADOPAC ILC X-3		59	16.60	0538399	-640637	L 3	44854 L	0	EO	92060405	055300	041500		305 G C=131,B=67
ADOPAC ILC X-3		59	16.60	0538399	-640637	L 3	44995 L	0	EO	92062405	055500	041500		336 G E=108,C=130,B=73
ADOPAC ILC X-3		59	16.60	0538399	-640637	L 3	45125 L	0	EO	92071303	035000	042000		304 G C=145,B=60
ADOPAC ILC X-3		59	16.60	0538399	-640637	L 3	45276 L	0	EO	92080401	012000	041000		336 G E=118,C=114,B=71
ADOPAC ILC X-3		59	16.60	0538399	-640637	L 3	45455 L	0	EO	92082802	021700	039000		304 G C=106,B=58
ADOPAC ILC X-3		59	16.60	0538399	-640637	L 3	45831 L	0	EO	92100222	220300	040500		309 G C=184,B=1238

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsstt	ECC	Comment
ADPC	IMC X-3	59	16.60	0538399	-640637	L 3	46013 L	0		92101922	220000	041000	305 G	C=122,B=69
ADPC	IMC X-3	59	16.60	0538399	-640637	L 3	46291 L	0	BO	92111723	232400	020500	302 G	C=97,B=35
ADPC	IMC X-3	59	16.60	0538399	-640637	L 3	46444 L	0	BO	92121118	180300	040500	306 G	C=107,B=75
CD20Z	R143	52	12.00	0539126	-690938	L 1	23299 L	137	FO	92061410	100200	003000	302 G	C=124,B=38
CD20Z	R143	52	12.00	0539126	-690938	L 3	44923 L	136	FO	92061410	104400	012500	300 G	C=81,B=20
CD20Z	R143	52	12.00	0539126	-690938	L 3	44951 L	121	FO	92061809	094800	018000	302 G	C=120,B=35
PAC04	HD38090	32	06.21	0540076	-222347	H 3	45357 L	11096	FO	92081618	181232	009000	500 V	FESECK:490,SO;
PAC04	HD38090	32	06.23	0540076	-222347	H 1	23704 L	10961	FO	92081619	195135	002300	500 V	FESECK:490,SO;
PAC04	HD38090	32	06.28	0540076	-222348	L 1	23705 L	10480	FO	92081620	205659	000012	400 V	FESECK:490,SO
PAC04	HD38090	32	06.25	0540076	-222348	L 3	45358 L	10726	FO	92081620	205145	000100	400 V	FESECK:490,SO;
PAC04	HD 38090	32	06.22	0540076	-222348	H 3	45616 L	11062	FO	92091217	173859	008000	501 V	FESECK:129,FO;
SCGS	HD 270033	32	11.70	0542058	-672154	L 1	23344 L	467	SO	92062113	134300	004000	402 G	C=145,B=40
NA040	HEN SL37	23	13.00	0542095	-693857	L 1	23270 L	00000	BO	92060902	020408	003000	311 V	
NA040	HEN SL37	23	13.00	0542095	-693857	L 3	44897 L	00000	BO	92060902	023826	009000	310 V	
PHCAL	HD 00038666	12	5.170	0544084	-321927	H 1	23857 L	22140	FO	92090608	085500	000042	503 G	C=205,B=41
PHCAL	HD 00038666	12	5.170	0544084	-321927	H 1	24105 L	21960	FO	92101608	084600	000045	503 G	C=219,B=42
PHCAL	HD 00038666	12	5.170	0544084	-321927	H 1	24594 L	23421	FO	92122605	055800	000042	502 G	C=203,B=39
PHCAL	HD 00038666	12	5.170	0544084	-321927	H 3	45536 L	22135	FO	92090608	085100	000051	502 G	C=208,B=37
PHCAL	HD 00038666	12	5.170	0544084	-321927	H 3	45956 L	22003	FO	92101608	085000	000051	502 G	C=222,B=40
PHCAL	HD 00038666	12	5.170	0544084	-321927	H 3	46536 L	3376	FU	92122000	004900	000051	502 G	C=198,B=34
PAL35	HD38545	00	99.99	0544221	+142817	E 9	02598	00000		92102200	000000	000000		V FESECK:296,SO;
PAL35	HD38545	30	06.03	0544221	+142817	L 3	46037 L	12830	FO	92102215	150846	000230	700 V	FESECK:296,SO;
NA040	HEN S59	32	14.40	0545425	-681249	L 3	44885 L	00000	BO	92060722	220202	030000	501 V	
NA040	HEN S59	32	14.40	0545425	-681249	L 1	23267 L	00000	BO	92060803	030903	010000	301 V	
FC016	GL 218	48	11.07	0545552	-362039	L 1	24185 L	00153	FO	92102914	141348	015000	332 V	FESECK:320,SO;EXPOSE
FM183	SAO 234134	31	3.900	0546058	-510457	H 3	46433 L	733	FU	92120904	043400	001000		G
FM181	HD39060	31	04.12	0546059	-510502	H 3	45139 L	00646	FU	92071500	001126	001000	500 V	FESECK:251,SO;
FM183	SAO 234134	31	3.900	0546059	-510458	H 1	24438 L	714	FU	92120902	024600	000400	502 G	C=245,B=38
FM181	HD39060	31	04.11	0546059	-510502	H 1	23503 L	00654	FU	92071500	002909	000400	501 V	FESECK:251,SO;
FM183	SAO 234134	31	3.900	0546059	-510458	H 1	24439 L	722	FU	92120903	035600	000400	502 G	C=209,B=38
FM181	HD39060	31	04.13	0546059	-510502	H 3	45140 L	00642	FU	92071501	010314	001000	500 V	FESECK:251,SO;
FM183	SAO 234134	31	3.900	0546059	-510458	H 1	24440 L	726	FU	92120905	050900	000400	503 G	C=236,B=42
FM181	HD39060	31	04.13	0546059	-510502	H 1	23504 L	00643	FU	92071501	013943	001000	701 V	FESECK:251,SO;
FM183	SAO 234134	31	3.900	0546059	-510458	H 1	24441 L	744	FU	92120906	062000	000400	503 G	C=252,B=41
FM181	HD39060	31	04.13	0546059	-510502	H 3	45141 L	00641	FU	92071502	022335	001000	500 V	FESECK:251,SO
FM183	SAO 234134	31	3.900	0546059	-510458	H 1	24442 L	733	FU	92120907	073000	000400	502 G	C=249,B=38
FM181	HD 39060	31	04.05	0546059	-510502	H 1	23862 L	00688	FU	92090616	164909	000400	600 V	FESECK:429,SO;
FM183	SAO 234134	31	3.900	0546059	-510458	H 1	24445 L	749	FU	92120917	174100	000400	503 G	C=238,B=44
FM181	HD 39060	31	09.39	0546059	-510502	H 3	45541 L	00687	FO	92090617	170100	001000	500 V	FESECK:429,SO;
FM183	SAO 234134	31	3.900	0546059	-510458	H 1	24446 L	744	FU	92120920	202900	000400	503 G	C=246,B=41
FM181	HD 39060	31	09.37	0546059	-510502	H 1	23863 L	00694	FO	92090618	180215	001000	700 V	FESECK:429,SO;
FM183	SAO 234134	31	3.900	0546059	-510458	H 1	24447 L	763	FU	92120921	214400	000400	503 G	C=247,B=41
FM181	HD 39060	31	04.05	0546059	-510502	H 3	45542 L	00692	FU	92090618	181937	001000	500 V	FESECK:429,SO;
FM183	SAO 234134	31	3.900	0546059	-510458	H 1	24448 L	768	FU	92120922	225500	000400	503 G	C=242,B=43
FM183	HD39060	31	04.24	0546059	-510458	H 1	24443 L	00582	FU	92120910	105226	000400	501 V	FESECK:174,FO;
FM183	SAO 234134	31	3.900	0546059	-510458	H 1	24449 L	770	FU	92121000	001000	000400	502 G	C=254,B=39
FM183	HD39060	31	04.28	0546059	-510458	H 3	46436 L	00563	FU	92120908	080847	030000	800 V	FESECK:174,FO; 2 SEG
FM183	SAO 234134	31	3.900	0546059	-510458	H 3	46431 L	721	FU	92120902	022900	001000	502 G	C=199,B=34
FM183	HD39060	31	04.27	0546059	-510458	H 1	24444 L	00567	FU	92120913	134231	000400	501 V	FESECK:174,FO;
FM183	SAO 234134	31	3.900	0546059	-510458	H 3	46432 L	726	FU	92120903	032300	001000	502 G	C=209,B=35

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
FM183	SPO	234134	31	3.900	0546059	-510458	H 3 46434 L	737	FU	92120905	054700	001000	502	G C=218,B=38
FM183	SPO	234134	31	3.900	0546059	-510458	H 3 46435 L	741	FU	92120906	065700	001000	502	G C=206,B=34
FM183	SPO	234134	31	3.900	0546059	-510458	H 3 46438 L	756	FU	92120915	150600	030000	707	G C=30X,B=90
FM183	SPO	234134	31	3.900	0546059	-510458	H 3 46439 L	757	FU	92120921	211100	001000	502	G C=192,B=33
FM183	SPO	234134	31	3.900	0546059	-510458	H 3 46440 L	774	FU	92120922	222200	001000	502	G C=201,B=33
FM183	SPO	234134	31	3.900	0546059	-510458	H 3 46441 L	781	FU	92120923	233500	001000	502	G C=208,B=32
PC062	HD	39118	39	06.42	0547539	+020041	H 1 23984 L	09391	FO	92092215	152807	003000	401	V FESECK:136,FO;
SSOBL	R COL	43	7.800	0548367	-291240	L 3 45923 L		1155	FO	92101110	101800	003000	00	G B=17
PC062	HD	39286	39	06.40	0549256	+195125	L 3 45744 L	09544	FO	92092216	163058	000100	500	V FESECK:119,FO;
SC0RS	HD	39801	49	0.800	0552280	+072358	H 1 23812 L	12658	FU	92083105	053700	006000	X23	G E=15X,C=1.5X,B=46
SC0RS	HD	39801	49	0.800	0552280	+072358	H 1 23813 L	12727	FU	92083107	072000	006000	X23	G E=15X,C=2X,B=49
SC0RS	HD	39801	49	0.800	0552280	+072358	L 1 23815 L	12873	FU	92083111	115100	006000	X38	G E=153,C=3X,B=94
SC0RS	HD	39801	49	0.800	0552280	+072358	H 1 23820 L	12723	FU	92090105	054900	006000	X23	G E=30X,C=2X,B=43
SC0RS	HD	39801	49	0.800	0552280	+072358	H 1 23821 L	12723	FU	92090107	071700	006000	X33	G E=118,C=2X,B=50
SC0RS	HD	39801	49	0.800	0552280	+072358	H 1 23835 L	12659	FU	92090310	101600	006000	??4	G E=15x,C=2x,B=55
SC0RS	HD	39801	49	0.800	0552280	+072358	H 1 23851 L	12625	FU	92090510	101200	006000		G E=15x,C=2x
AUCIC	HD	39801	49	0.500	0552280	+072358	H 1 23886 L	12623	FU	92090914	143000	001800	3X2	G E=6X,C=128,B=38
SC0RS	HD	39801	49	0.800	0552280	+072358	H 1 23910 L	13064	FU	92091213	131500	006000	??4	G E=18X,C=18X,B=52
AC0PD	HD	39801	49	0.500	0552280	+072358	L 1 23913 L	12827	FU	92091308	081200	005000	??4	G E=14X,C=14X,B=55
AC0PD	HD	39801	49	0.500	0552280	+072358	H 1 23914 L	12820	FU	92091309	095800	000330	342	G E=170,C=90,B=40
AC0PD	HD	39801	49	0.500	0552280	+072358	L 1 23915 L	12883	FU	92091310	103400	000005	332	G E=126,C=60,B=32
SC0RS	HD	39801	49	0.800	0552280	+072358	H 1 23971 L	13005	FU	92091810	101100	006000	X28	G E=20X,C=2X,B=100
SC0RS	HD	39801	49	0.800	0552280	+072358	H 1 24006 L	13135	FU	92092608	082200	006000	X24	G E=30X,C=2X,B=55
AC0PD	HD	39801	49	0.500	0552280	+072358	H 1 24109 L	14679	FU	92101721	215100	000345	352	G E=204,C=66,B=32
AC0PD	HD	39801	49	0.500	0552280	+072358	H 1 24309 L	12204	FU	92111507	075200	000345	352	G E=202,C=103,B=39
AC0PD	HD	39801	49	0.500	0552280	+072358	H 1 24310 L	12125	FU	92111508	084300	005500	X24	G E=12X,C=4X,B=55
AC0PD	HD	39801	49	0.500	0552280	+072358	L 1 24311 L	12297	FU	92111510	103500	000008	352	G E=192,C=80,B=32
SC0RS	HD	39801	49	0.800	0552280	+072358	L 3 45484 L	12644	FU	92083106	064400	002500	350	G E=212,C=65,B=15
SC0RS	HD	39801	49	0.800	0552280	+072358	L 3 45508 L	12489	FU	92090311	112400	002500	350	G E=200,C=63,B=15
SC0RS	HD	39801	49	0.800	0552280	+072358	L 3 45528 L	12569	FU	92090511	112300	002500	??9	G E=2x,C=1.5x,B=199
SC0RS	HD	39801	49	0.800	0552280	+072358	L 3 45614 L	13132	FU	92091214	142300	002500	350	G E=208,C=75,B=20
AC0PD	HD	39801	49	0.500	0552280	+072358	L 3 45620 L	12667	FU	92091307	075400	001230	331	G E=88,C=50,B=23
SC0RS	HD	39801	49	0.800	0552280	+072358	L 3 45674 L	13097	FU	92091811	111800	002500	351	G E=222,C=75,B=30
SC0RS	HD	39801	49	0.800	0552280	+072358	L 3 45776 L	13029	FU	92092609	093000	002500	351	G E=215,C=70,B=24
AC0PD	HD	39801	49	0.500	0552280	+072358	H 3 45979 L	14379	FU	92101721	215900	017000	355	G E=244,C=91,B=64
AC0PD	HD	39801	49	0.500	0552280	+072358	L 3 46271 L	12254	FU	92111508	080400	002000	350	G E=184,C=82,B=20
AC0PD	HD	39801	49	0.500	0552280	+072358	L 3 46272 L	12078	FU	92111509	094300	004700	3X0	G E=2X,C=110,B=20
TU0RP	Z ORI	66	9.800	0553010	+134118	L 1 24123 L		390	FO	92102108	081000	000300	402	G C=170,B=32
TU0RP	Z ORI	66	9.800	0553010	+134118	L 3 46024 L		394	FO	92102107	075600	000900	500	G C=201,B=18
PHCAL	SPO	217650	00	99.99	0557370	-424901	E 9 02643 2	00000		92120116	165000	016000		V FESECK:3662, FO; FES
SSOBL	0601+072	43	0.000	0601171	+072603	L 3 45919 L		0	HO	92101105	053700	003000	00	G B=16
PA004	HD41511	30	05.20	0602451	-162846	H 3 45615 L		22679	FO	92091216	160508	002500	401	V FESECK:129,FO;
PA004	HD 41511	30	05.25	0602452	-162847	H 1 23911 L		22117	FO	92091216	163814	000800	501	V FESECK:129,FO;
IE0RP	17 IEP	66	4.930	0602452	-162847	H 1 23982 L		22521	FO	92092211	115400	001000	552	G E=214,C=189,B=35
IE0RP	17 IEP	66	4.930	0602452	-162847	H 1 23983 L		22647	FO	92092213	133500	002000	5X3	G E=2X,C=253,B=41
IE0RP	17 IEP	66	4.930	0602452	-162847	H 1 24132 L		22577	FO	92102205	055600	001000	452	G E=214,C=181,B=38
IE0RP	17 IEP	66	4.930	0602452	-162847	H 1 24133 L		23067	FO	92102207	075000	002000	XX5	G E=2X,C=1.5X,B=61
IE0RP	17 IEP	66	4.930	0602452	-162847	H 1 24339 L		22984	FO	92112209	094000	001000		G
IE0RP	17 IEP	66	4.930	0602452	-162847	H 1 24558 L		22392	FO	92122303	033000	001000	453	G E=198,C=173,B=44
IE0RP	17 IEP	66	4.930	0602452	-162847	H 3 45742 L		22765	FO	92092212	122300	006000	5X3	G E=2X,C=238,B=43

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsst	ECC	Comment
LECRP	17 IEP	66	4.930	0602452	-162847	H 3	45743 L	22915	FO	92092214	141200	003500	502	G C=210,B=31
LECRP	17 IEP	66	4.930	0602452	-162847	H 3	46033 L	22971	FO	92102206	061200	009000	X25	G E=54,C=3X,B=65
LECRP	17 IEP	66	4.900	0602452	-162847	H 3	46034 L	23187		92102208	082200	002800		G
LECRP	17 IEP	66	4.930	0602452	-162847	H 3	46314 L	23343	FO	92112208	081800	007500	X23	G E=34,C=2X,B=50
LECRP	17 IEP	66	4.930	0602452	-162847	H 3	46315 L	22911	FO	92112210	101800	003000	501	G C=180,B=29
LECRP	17 IEP	66	5.000	0602452	-162847	H 3	46407 L	23043	FO	92120417	175200	007000	X23	G E=43,C=2.5X,B=47
LECRP	17 IEP	66	4.930	0602452	-162847	H 3	46561 L	22532	FO	92122301	015000	009000	X26	G E=56,C=3X,B=71
LECRP	17 IEP	66	4.930	0602452	-162847	H 3	46562 L	23148	FO	92122304	040400	005000	X25	G E=49,C=1.5X,B=61
HECAP	HD 252940	33	9.100	0608301	+262817	L 1	24148 L	689	FO	92102511	115000	000715	502	G C=233,B=33
HECAP	HD 252940	33	9.100	0608301	+262817	L 3	46059 L	686	FO	92102512	120800	002300	400	G C=126,B=14
PC085	HD43246	39	07.70	0613117	+285212	H 3	45669 L	03093	FO	92091715	154624	013500	500	V FESECK:396,SO;
PC085	HD43246	39	07.74	0613117	+285212	H 1	23964 L	02977	FO	92091718	181443	004500	401	V FESECK:396,SO;
PT063	HD43246	39	07.74	0613117	+285212	H 3	45702 L	02980	FO	92092016	163804	015000	501	V FESECK:438,SO;
PC085	HD43246	39	07.72	0613117	+285212	H 3	45792 L	03040	FO	92092816	160506	001500	501	V FESECK:490,SO;
PC085	HD43246	39	07.79	0613117	+285212	H 1	24024 L	02859	FO	92092818	184520	006000	501	V FESECK:490,SO;
MAINT	HR2290	00	99.99	0618481	-484301	L 1	24267 L	00000		92110511	114935	000200	602	V FESECK:136,FO;
MAINT	HR2290	44	06.96	0618481	-484301	L 1	24268 L	05910	FO	92110512	123352	000400	702	V FESECK:136,FO;
MAINT	HR2290	44	06.96	0618481	-484301	L 1	24269 L	05889	FO	92110513	132335	000800	702	V FESECK:136,FO;
MAINT	HR2290	44	06.98	0618481	-484301	L 1	24270 L	05815	FO	92110514	142020	000200	703	V FESECK:136,FO;
USSES	HD 44478	49	2.900	0619561	+223228	H 1	24332 L	1600	FU	92112010	102400	001300	352	G E=196,C=75,B=32
SSOEL	V MON	43	6.000	0620123	-021010	L 3	45920 L	881	FO	92101106	065000	003000	00	G B=15
PAL30	SAO 196735	45	03.98	0620171	-332436	E 9	02584 2	00734	FU	92101517	172250	016000		V FES IMAGE FOR FIELD
WDQH	FE 0623-	37	12.00	0621300	-373950	H 3	45951 L	0		92101518	185900	024000	406	G C=204,B=74
PAL30	FE 0623-37	00	99.99	0621301	-373961	E 9	02585 2	00000		92101520	200203	016000		V FESECK:206,FO;FES IM
PAL30	FE 0623-37	37	12.00	0621301	-373961	L 3	45950 L	00000	BO	92101518	182237	000418	600	V FES IMAGE FOR FIELD
PAL23	FE0623	37	12.00	0621301	-373951	L 3	46303 S	00000	BO	92111915	155839	000840	500	V FESECK:7271,FO;G
PAL23	FE0623	37	12.00	0621301	-373951	L 3	46303 L	00000	BO	92111915	161258	000420	700	V FESECK:7271,FO;G
PROCG	HD 45677	26	8.000	0625590	-130113	H 3	46547 L	1792	FO	92122201	015300	012000	X06	G C=1.5X,B=71
PROCG	HD 45677	26	8.300	0625591	-130112	H 1	24552 L	1818	FO	92122204	040500	004000	XX6	G E=2X,C=1.5X,B=71
PROCG	HD 45677	26	8.300	0625591	-130112	H 1	24553 L	1849	FO	92122206	061300	008000	XX5	G E=3X,C=2X,B=61
PROCG	HD 45677	26	8.300	0625591	-130112	L 1	24554 L	1872	FO	92122208	081500	000023	552	G E=222,C=189,B=32
PROCG	HD 45677	26	8.300	0625591	-130112	H 3	46548 L	1842	FO	92122204	045400	007000	503	G C=202,B=50
PROCG	HD 45677	26	8.300	0625591	-130112	L 3	46549 L	1880	FO	92122208	080900	000054	400	G C=158,B=15
BVOSC	IC 446	21	11.60	0628202	+102943	L 1	24167 L	173	FO	92102802	024600	004000	502	G C=247,B=38
BVOSC	IC 446	21	11.60	0628202	+102943	L 3	46080 L	176	FO	92102801	010100	010000	401	G C=171,B=27
PHCAL	WAWCAL	98		0632032	+280347	H 1	24042 S	0		92100108	082600	000016	32	G E=60X,B=38
PHCAL	WAWCAL	98		0632032	+280347	L 3	45819 S	0		92100109	091400	000002	30	G E=60X,B=15
PHCAL	TIFFOOD	99		0632032	+280347	L 3	45820 S	0		92100109	091100	000005	08	G B=97
PHCAL	WAWCAL	98		0632032	+280347	H 3	45821 S	0		92100110	100600	000200	23	G E=60X,B=45
PC016	GL 238	48	11.87	0633045	-582923	L 1	24186 L	00075	FO	92102918	180933	015800	233	V FESECK:170,FO;
PM02	ML-7	70	13.60	0634180	+230314	L 3	45829 L	00000	BO	92100215	155612	006000	120	V 127,FO;
DNDM	HL CMA	54	13.20	0643034	-164823	L 3	46232 L	0	BO	92111607	074900	006000	332	G E=60,C=58,B=34
DNDM	HL CMA	54	13.20	0643034	-164823	L 3	46233 L	0	BO	92111609	092600	008000	331	G E=118,C=65,B=30
DNDM	HL CMA	54	13.20	0643034	-164823	L 3	46238 L	0	BO	92111707	072400	008000	334	G E=123,C=90,B=55
DNDM	HL CMA	54	13.20	0643034	-164823	L 3	46239 L	0	BO	92111709	091500	009000	331	G E=105,C=72,B=26
DNDM	HL CMA	54	13.20	0643034	-164823	L 3	46295 L	0	BO	92111810	100600	001400	230	G E=40,C=32,B=19
DNDM	HL CMA	54	13.20	0643034	-164823	L 3	46295 L	0	BO	92111810	102400	002500	230	G E=40,C=32,B=19
DNDM	HL CMA	54		0643041	-164827	L 3	46294 L	0		92111808	081500	006000	301	G C=51,B=24
DAQH	O648-25	37	13.90	0646569	-251949	L 3	45954 L	0	BO	92101604	045000	001600	00	G B=15
COOP	C 1991A	06		0647402	+783757	L 1	23409 L	201	FO	92063016	165400	009000	348	G E=3X,C=129,B=95

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	numms	stt	ECC	Comment
COCK HD	50877	47	3.870	0652034	-240713	L 3	46529 L	647	FU	92121901	015900	012000		331	G E=73,C=58,B=30
TIOGP HD	50846	66	8.300	0652225	-011841	L 1	24110 L	879	FO	92101801	012100	000120		502	G C=205,B=31
TIOGP HD	50846	66	8.300	0652225	-011841	L 1	24117 L	1753	FO	92101912	121900	000045		502	G C=248,B=34
TIOGP HD	50846	66	8.300	0652225	-011841	L 1	24121 L	1676	FO	92102011	110000	000035		502	G C=235,B=31
TIOGP HD	50846	66	8.300	0652225	-011841	H 3	45969 L	1667	FO	92101705	055600	008000		5X4	G E=1.5X,C=210,B=54
TIOGP HD	50846	66	8.300	0652225	-011841	L 3	45980 L	872	FO	92101801	014800	000300		500	G C=196,B=15
TIOGP HD	50846	66	8.300	0652225	-011841	L 3	46010 L	1765	FO	92101912	121300	000105		500	G C=216,B=16
TIOGP HD	50846	66	8.300	0652225	-011841	L 3	46020 L	1682	FO	92102011	111600	008000		503	G C=215,B=49
EXOSS GL 256		46	9.120	0656070	-125518	L 3	46430 L	1121	FO	92120818	181500	039500		305	G C=101,B=66
NAL92 HD52961		40	07.75	0700535	+105042	L 1	24098 L	02944	FO	92101313	135635	000600		700	V FESBCK:207,FO;
NAL92 HD52961		40	07.74	0700536	+105042	L 3	45939 L	02988	FO	92101314	142838	016000		600	V FESBCK:157,FO;
NAL92 HD52961		40	07.75	0700536	+105042	H 1	24099 L	02956	FO	92101316	165657	018000		501	V FESBCK:157,FO;
MIO67 SAO 96430		32	07.78	0700536	+105042	L 1	24407 L	02869	FO	92120414	142052	000200		400	V FESBCK:268,FO;
SOOMC MOON		02		0702085	+252445	H 3	46264 S	0	FO	92111404	041000	036000		X?9	G E=1.37,C=1.5X,B=200
MIO67 SAO 96709		45	08.74	0713253	+100509	L 1	24408 L	01227	FO	92120415	153838	002000		300	V FESBCK:338,SO;
PHCAL SAO79294		00	03.68	0717083	+220436	E 9	02639 2	00964	FU	92120114	140000	016000			V FESBCK:114,FO; FES T
PHCAL SAO 79294		00	03.63	0717083	+220434	E 9	02651 2	01000	FU	92120214	144000	016000			V FESBCK:162,FO; FES T
PHCAL WAUCAL		98		0720257	+250854	L 1	24040 S	0		92100106	065400	000001		??	G E=10X,B=32
PHCAL TIFLOD		99		0720257	+250854	L 1	24041 S	0		92100107	072300	000025		09	G B=103
COOMA 1979 VA		05		0720276	+250153	L 1	24039 L	0	FO	92093023	234100	036900		309	G C=133,B=109
COOMA 1979 VA		05		0722409	+245439	L 1	24046 L	0	FO	92100122	221400	037000		X09	G C=1.5X,B=237
NOSS MNC 560		57	11.00	0723259	-073806	L 3	46446 L	340	FO	92121205	051600	004000		404	G C=180,B=60
CD28Z MNC 560		57	10.00	0723279	-073735	L 1	24086 L	334	FO	92100905	054200	000800		452	G E=228,C=160,B=32
CD28Z MNC 560		57	10.00	0723279	-073735	L 3	45907 L	342	FO	92100906	061700	003000		441	G E=126,C=160,B=23
PNCFB NEC 2392FOSD		71		0726127	+210057	L 3	45791 L	0	FO	92092814	142500	002000		340	G E=155,C=42,B=15
PNCFB NEC 2392FOSA		71		0726133	+210042	L 1	24019 L	0	FO	92092808	080600	000700		302	G C=64,B=32
PNCFB NEC 2392FOSA		71		0726133	+210042	L 1	24020 L	0	FO	92092808	085800	003000		X52	G E=230,C=1.5X,B=39
PNCFB NEC 2392FOSB		71	10.00	0726133	+210112	L 1	24021 L	0	FO	92092810	102200	003000		333	G E=118,C=85,B=43
PNCFB NEC 2392FOSA		71		0726133	+210042	L 3	45786 L	0	FO	92092808	082100	000700		230	G E=55,C=29,B=16
PNCFB NEC 2392FOSA		71		0726133	+210042	L 3	45787 L	0	FO	92092809	093700	003000		351	G E=219,C=70,B=21
PNCFB NEC 2392FOSB		71	10.00	0726133	+210112	L 3	45788 L	0	FO	92092811	110000	003000		340	G E=165,C=48,B=15
PNCFB NEC 2392		70	10.40	0726134	+210056	L 1	24370 L	392	FO	92113003	034800	000140		502	G C=222,B=34
PNCFB NEC 2392		70	10.40	0726134	+210056	L 3	46375 L	392	FO	92113003	034200	000200		500	G C=202,B=15
PNCFB NEC 2392		70	10.40	0726134	+210056	L 3	46376 L	385	FO	92113004	042100	000200		500	G C=204,B=15
PNCFB NEC 2392FOSC		71		0726138	+210057	L 1	24022 L	0	FO	92092811	114200	001000		32	G E=79,B=34
PNCFB NEC 2392FOSC		71		0726138	+210057	L 1	24023 L	0	FO	92092812	125400	003000		342	G E=150,C=127,B=37
PNCFB NEC 2392FOSC		71		0726138	+210057	L 3	45789 L	0	FO	92092812	121600	001000		330	G E=90,C=38,B=16
PNCFB NEC 2392FOSC		71		0726138	+210057	L 3	45790 L	0	FO	92092813	133100	002000		340	G E=149,C=78,B=15
IFOIA HD	59643	66	7.800	0728527	+243638	H 1	24288 L	1893	FO	92110702	025200	014000		34	G E=115,B=55
IFOIA HD	59643	66	7.800	0728527	+243638	L 1	24289 L	1894	FO	92110706	063100	001500		342	G E=140,C=60,B=35
IFOIA HD	59643	66	7.800	0728527	+243638	L 3	46149 L	1868	FO	92110705	052200	006000		331	G E=69,C=45,B=23
IFOIA HD	59643	66	7.800	0728527	+243638	L 3	46313 L	1766	FO	92112205	054900	006000		331	G E=107,C=44,B=23
SSOEL S CMI		43	7.000	0729600	+082535	L 3	45921 L	4548	FO	92101107	075500	003000		00	G B=17
LFORS HD	60414	66	4.800	0731300	-142452	H 1	24401 L	25925	FO	92120400	000900	002000		X03	G C=2X,B=47
LFORS HD	60414	66	4.800	0731300	-142452	H 3	46400 L	25773	FO	92120400	003400	001800		401	G C=130,B=29
PHCAL HD 60753		21	06.85	0732080	-502828	L 3	45814 L	06495	FO	92093015	155052	000011			V FESBCK:424,SO;
PHCAL HD 60753		21	06.90	0732080	-502828	L 1	24034 L	06241	FO	92093016	164203	000007		500	V FESBCK:424,SO;
PHCAL HD 60753		21	06.89	0732080	-502828	H 1	24035 L	06268	FO	92093018	180533	001200		700	V FESBCK:424,SO;
PHCAL HD60753		21	06.92	0732080	-502829	L 1	24173 L	06141	FO	92102814	142346	000007		500	V FESBCK:133,FO;
PHCAL HD60753		21	06.93	0732080	-502829	H 3	46086 L	06089	FO	92102815	155531	001800		500	V FESBCK:133,FO;

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsstt	EQC	Comment
PHCAL	HD60753	21	06.92	0732080	-502829	H 1	24174 L	06107	FO	92102816	162405	001200	500 V	FESBCK:133,FO;
PHCAL	HD60753	21	06.91	0732080	-502829	L 3	46087 L	06160	FO	92102817	172720	000022	600 V	FESBCK:133,FO;
PHCAL	HD60753	21	06.91	0732080	-502829	L 1	24175 L	06165	FO	92102817	173317	000014	600 V	FESBCK:133,FO;
PHCAL	HD60753	21	06.87	0732080	-502829	H 3	46088 L	06417	FO	92102818	183206	003600	600 V	FESBCK:133,FO;
PHCAL	HD60753	21	06.91	0732080	-502829	H 1	24176 L	06157	FO	92102819	191609	002400	601 V	FESBCK:133,FO;
PHCAL	HD70753	21	06.97	0732080	-502829	L 1	24177 L	05865	FO	92102820	202305	000007	500 V	FESBCK:133,FO;
PHCAL	HD60753	21	06.90	0732080	-502829	L 3	46089 L	06200	FO	92102820	201753	000011	500 V	FESBCK:133,FO;
PHCAL	HD60753	21	06.86	0732081	-502829	H 3	45027 L	06472	FO	92062821	214227	001800	500 V	
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	23284 L	6319	FO	92061113	134000	000006	502 G	C=191,B=32
PHCAL	HD60753	21	06.85	0732081	-502829	H 1	23397 L	06509	FO	92062822	221411	001200	501 V	
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	23284 S	6347	FO	92061113	134800	000018	502 G	C=243,B=32
PHCAL	HD60753	21	06.84	0732081	-502829	H 3	45029 L	06558	FO	92062900	000032	003600	700 V	
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	23285 L	6641	FO	92061114	144900	000025	502 G	C=186,B=34
PHCAL	HD60753	21	06.83	0732081	-502829	L 3	45028 L	06624	FO	92062823	231604	000011	500 V	
PHCAL	HD 00060753	21	6.690	0732081	-502829	H 1	23286 L	6531	FO	92061116	161000	000900	503 G	C=217,B=48
PHCAL	HD60753	21	06.83	0732081	-502829	L 1	23398 L	06630	FO	92062823	232128	000007	500 V	
PHCAL	HD 00060753	21	6.690	0732081	-502829	H 1	23451 L	6515	FO	92070607	074900	000900	502 G	C=218,B=40
PHCAL	HD 60753	21	06.85	0732081	-502829	H 3	45816 L	06506	FO	92093017	172603	001800	600 V	FESBCK:424,SO;
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	23478 L	6611	FO	92071014	141700	000025	402 G	C=182,B=35
PHCAL	HD 60753	21	06.83	0732081	-502829	L 1	24036 L	06604	FO	92093018	185114	000014	700 V	FESBCK:424,SO;
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	23486 L	6311	FO	92071215	153200	000006	502 G	C=197,B=31
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	23486 S	6201	FO	92071215	153600	000018	502 G	C=249,B=31
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	23977 L	6305	FO	92092123	234600	000006	502 G	C=209,B=32
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	23977 S	6306	FO	92092123	235300	000018	X02 G	C=1.5X,B=32
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	23978 L	6422	FO	92092201	011600	000025	502 G	C=185,B=32
PHCAL	HD 00060753	21	6.690	0732081	-502829	H 1	23979 L	6618	FO	92092202	024200	000900	502 G	C=210,B=40
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24114 L	6342	FO	92101901	011400	000006	502 G	C=183,B=32
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24114 S	6276	FO	92101901	011800	000018	X02 G	C=1.5X,B=32
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24115 L	6344	FO	92101902	024300	000025	402 G	C=180,B=36
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24368 L	13500	FO	92112919	195700	000006	502 G	C=194,B=32
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24368 S	13583	FO	92112920	200200	000018	X02 G	C=1.5X,B=32
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24369 L	13868	FO	92112921	212900	000025	502 G	C=193,B=36
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24541 L	6324	FO	92121921	214400	000006	502 G	C=212,B=31
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24541 S	6119	FO	92121921	215100	000018	X02 G	C=1.5X,B=31
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24542 L	6236	FO	92121923	231100	000025	402 G	C=183,B=33
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24574 L	6281	FO	92122418	182600	000025	402 G	C=180,B=34
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24575 L	6026	FO	92122419	190800	000010	302 G	C=105,B=35
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24576 L	6169	FO	92122419	195500	000030	502 G	C=200,B=34
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24577 L	6138	FO	92122420	203600	000040	502 G	C=230,B=35
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24578 L	6483	FO	92122421	211700	000025	402 G	C=180,B=34
PHCAL	NULL	99		0732081	-502829	L 1	24579 L	0		92122421	215300	000000	01 G	B=29
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24580 L	6662	FO	92122422	222700	000030	502 G	C=200,B=35
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24581 L	6612	FO	92122423	231000	000015	402 G	C=140,B=34
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24582 L	6393	FO	92122423	235300	000005	302 G	C=85,B=32
PHCAL	HD 60753	21	6.690	0732081	-502829	L 1	24583 L	6521	FO	92122500	003400	000025	402 G	C=182,B=34
PHCAL	HD 00060753	21	6.690	0732081	-502829	H 1	24629 L	6199	FO	92123018	180900	000900	503 G	C=213,B=44
PHCAL	HD 60753	21	6.690	0732081	-502829	L 2	18671 L	6389	FO	92061214	143400	000042	501 G	C=184,B=21
PHCAL	HD 60753	21	6.690	0732081	-502829	L 2	18672 L	6416	FO	92061215	153600	000010	401 G	C=154,B=21
PHCAL	HD 60753	21	6.690	0732081	-502829	L 2	18672 S	6424	FO	92061215	154100	000028	501 G	C=221,B=21
PHCAL	HD 60753	21	6.690	0732081	-502829	L 3	44911 L	6325	FO	92061113	132900	000010	500 G	C=191,B=17

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsstt	FCC	Comment
PHCAL	HD 60753	21	6.690	0732081	-502829	L 3	44911 S	6271	FO	92061113	133400	000030	X00	G C=1.5X,B=17
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	44912 L	6393	FO	92061115	150200	000040	500	G C=184,B=16
PHCAL	HD 00060753	21	6.690	0732081	-502829	H 3	44913 L	6313	FO	92061116	163200	001300	402	G C=185,B=39
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45067 L	6593	FO	92070503	035700	000040	500	G C=210,B=16
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45068 L	6467	FO	92070504	043500	000016	300	G C=110,B=14
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45069 L	6436	FO	92070505	050900	000048	500	G C=223,B=15
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45070 L	6345	FO	92070505	054700	000104	X00	G C=1.5X,B=15
PHCAL	HD 00060753	99		0732081	-502829	L 3	45071 L	0		92070506	061700	000000	00	G B=16
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45072 L	6377	FO	92070506	064500	000044	500	G C=208,B=15
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45073 L	6337	FO	92070507	072300	000017	300	G C=111,B=14
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45074 L	6107	FO	92070508	080200	000053	500	G C=232,B=15
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45075 L	6239	FO	92070508	084000	000040	500	G C=203,B=14
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45076 L	6255	FO	92070509	091400	000011	500	G C=243,B=13
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45077 L	6229	FO	92070509	094400	000004	400	G C=133,B=14
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45078 L	6126	FO	92070510	101400	000011	500	G C=233,B=14
PHCAL	HD 00060753	21	6.690	0732081	-502829	H 3	45084 L	6519	FO	92070608	080700	001300	502	G C=204,B=35
PHCAL	HD 60753	21	6.690	0732081	-502829	L 3	45110 L	6632	FO	92071013	133900	000010	500	G C=176,B=15
PHCAL	HD 60753	21	6.690	0732081	-502829	L 3	45110 S	6399	FO	92071013	134300	000030	500	G C=224,B=15
PHCAL	HD 60753	21	6.690	0732081	-502829	L 3	45111 L	6363	FO	92071014	142800	000040	500	G C=191,B=15
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45737 L	6331	FO	92092123	233100	000010	500	G C=209,B=14
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45737 S	6288	FO	92092123	233800	000030	X00	G C=1.5X,B=14
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45738 L	6557	FO	92092201	010300	000040	500	G C=196,B=14
PHCAL	HD 00060753	21	6.690	0732081	-502829	H 3	45739 L	6606	FO	92092201	015500	001300	402	G C=181,B=35
PHCAL	HD 60753	21	6.690	0732081	-502829	H 3	45957 L	6639	FO	92101610	102400	000010	200	G C=40,B=20
PHCAL	HD 60753	21	6.690	0732081	-502829	H 3	45957 S	6341	FO	92101610	103400	000030	00	G C=40,B=20
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45998 L	6270	FO	92101901	012200	000010	400	G C=165,B=16
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45998 S	6298	FO	92101901	012700	000030	500	G C=205,B=16
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	45999 L	6386	FO	92101902	023100	000040	500	G C=183,B=15
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	46370 L	13434	FO	92112919	194700	000010	500	G C=175,B=15
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	46370 S	13454	FO	92112919	195200	000030	X00	G C=1.5X,B=15
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	46371 L	14076	FO	92112921	211500	000040	500	G C=192,B=15
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	46534 L	6094	FO	92121921	215600	000010	500	G C=211,B=14
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	46534 S	6091	FO	92121922	220400	000030	500	G C=234,B=14
PHCAL	HD 00060753	21	6.690	0732081	-502829	L 3	46535 L	6221	FO	92121923	232200	000040	500	G C=197,B=13
PHCAL	HD 00060753	21	6.690	0732081	-502829	H 3	46622 L	6186	FO	92123017	173700	001400	502	G C=190,B=37
PHCAL	HD 62044	43	8.100	0738378	+082953	L 3	45922 L	1255	FO	92101109	090400	003000	00	G B=16
PHCAL	HD 62044	47	04.47	0740116	+290013	H 1	24087 L	00475	FU	92100913	134546	001000	361	V FESBCK:1181,FO;
PHCAL	HD 62044	47	04.49	0740116	+290013	H 3	45908 L	00468	FU	92100914	141606	036000	101	V FESBCK:1114,FO;
PHCAL	HD 62044	47	04.46	0740116	+290013	H 1	24088 L	00481	FU	92100920	202247	002500	371	V FESBCK:1114,FO;
PHCAL	HD 0750490	66	9.000	0750490	-025441	L 1	24410 L	635	FO	92120500	003400	000100	502	G C=200,B=32
PHCAL	HD 0750490	66	9.000	0750490	-025441	L 3	46408 L	858	FO	92120419	195300	000215	500	G C=230,B=14
PHCAL	HD 0750490	60	9.000	0750490	-025441	L 3	46410 L	641	FO	92120500	002300	000210	500	G C=210,B=15
PHCAL	HD 0750491	66	9.000	0750491	-025441	L 1	24409 L	740	FO	92120420	200300	000045	402	G C=168,B=31
PHCAL	HD 0750491	66	9.000	0750491	-025441	L 1	24425 L	209	FO	92120602	021500	000120	302	G C=75,B=31
PHCAL	HD 0750491	66	9.000	0750491	-025441	L 1	24426 L	216	FO	92120607	074000	000230	302	G C=90,B=31
PHCAL	HD 0750491	66	9.000	0750491	-025441	L 3	46409 L	685	FO	92120420	203800	018500	505	G C=241,B=69
PHCAL	HD 0750491	66	9.000	0750491	-025441	L 3	46416 L	226	FO	92120602	020400	000620	300	G C=100,B=11
PHCAL	HD 0750491	66	9.000	0750491	-025441	L 3	46417 L	146	FO	92120603	032100	003500	331	G B=51,C=45,B=21
PHCAL	HD 0750491	66	9.000	0750491	-025441	L 3	46418 L	145	FO	92120604	043500	006000	334	G B=79,C=80,B=52
PHCAL	HD 0750491	66	9.000	0750491	-025441	L 3	46419 L	154	FO	92120606	060900	006000	332	G B=91,C=115,B=31

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	FCC	Comment
TUCP	TU MN	66	9.00	0750491	-025441	L 3	46420 L	223	FO	92120607	075000	000900	400 G	C=140,B=15
TUCP	TU MN	66	9.00	0750491	-025441	L 3	46421 L	283	FO	92120608	083200	000400	400 G	C=130,B=16
UCFS	U CFM	54	14.30	0752077	+220803	L 3	46353 L	571	SO	92102501	014200	003500	300 G	C=103,B=16
UCFS	U CFM	54	14.30	0752078	+220803	L 3	45798 L	119	FO	92092904	040200	002500	302 G	C=96,B=40
UCFS	U CFM	54	14.30	0752078	+220803	L 3	45798 S	120	FO	92092904	044200	013044	402 G	C=175,B=40
UCFS	U CFM	54	14.30	0752078	+220803	L 3	46354 S	0	BO	92102502	025100	012000	301 G	C=106,B=27
UCFS	U CFM	54	14.30	0752078	+220803	L 3	46373 L	0	BO	92112923	231500	002500	300 G	C=67,B=17
UCFS	U CFM	54	14.30	0752078	+220803	L 3	46374 S	0	BO	92113000	001000	016000	302 G	C=78,B=40
UCFS	8002356	70	11.50	0800327	-235615	L 1	24329 L	0	BO	92111909	090800	004000	302 G	C=62,B=36
UCFS	8002356	70	11.50	0800327	-235615	L 1	24341 L	210	FO	92112305	054000	019000	307 G	C=144,B=87
UCFS	8002356	70	11.50	0800327	-235615	L 3	46300 L	0	BO	92111908	080100	006000	00 G	B=19
UCFS	8002356	70	11.50	0800327	-235615	L 3	46301 L	0	BO	92111909	095100	005700	00 G	B=20
PHAL	H +75 325	16	09.71	0804430	+750648	L 3	45550 L	00516	FO	92090715	155502	000017	500 V	FESBCK:400,SO;
PHAL	H +75 325	16	09.73	0804430	+750648	L 1	23870 L	00507	FO	92090716	160022	000020	400 V	FESBCK:400,SO;
PHAL	H +75 325	16	09.72	0804430	+750648	H 3	45551 L	00508	FO	92090716	163521	002500	400 V	FESBCK:400,SO;
PHAL	H +75 325	16	09.72	0804430	+750648	H 1	23871 L	00511	FO	92090717	171125	003000	500 V	FESBCK:400,SO;
PHAL	H +75 325	16	09.70	0804430	+750648	L 3	45552 L	00517	FO	92090718	181719	000034	700 V	FESBCK:400,SO;
PHAL	H +75 325	16	09.65	0804430	+750648	H 1	24158 L	00545	FO	92102614	143122	003000	402 V	FESBCK:126,FO;
PHAL	H +75 325	16	09.67	0804430	+750648	H 1	24160 L	00533	FO	92102617	172145	006000	602 V	FESBCK:126,FO;
PHAL	H +75 325	16	09.64	0804430	+750648	H 3	46068 L	00546	FO	92102613	135752	002500	500 V	FESBCK:126,FO;
PHAL	H +75 325	16	09.66	0804430	+750648	H 3	46070 L	00540	FO	92102616	162224	005000	601 V	FESBCK:126,FO;
PHAL	H +75 325	16	09.67	0804430	+750648	H 1	24159 L	00535	FO	92102615	154553	000020	400 V	FESBCK:126,FO;
PHAL	H +75 325	16	09.68	0804430	+750648	L 1	24161 L	00530	FO	92102619	193910	000040	600 V	FESBCK:126,FO;
PHAL	H +75 325	16	09.64	0804430	+750648	L 1	24162 L	00546	FO	92102620	204758	000020	500 V	FESBCK:126,FO;
PHAL	H +75 325	16	09.63	0804430	+750648	L 3	46069 L	00550	FO	92102615	154044	000017	500 V	FESBCK:126,FO;
PHAL	H +75 325	16	09.65	0804430	+750648	L 3	46071 L	00541	FO	92102618	183034	000034	600 V	FESBCK:126,FO;
PHAL	H +75 325	16	09.67	0804430	+750648	L 3	46072 L	00531	FO	92102619	194536	000017	500 V	FESBCK:126,FO;
PHAL	H +75 0325	16	9.540	0804432	+750648	L 1	23961 L	622	FO	92090613	135900	000020	501 G	C=188,B=30
PHAL	H +75 0325	16	9.540	0804432	+750648	L 1	23961 S	621	FO	92090614	140400	000100	301 G	C=1.5x,B=30
PHAL	H +75 0325	16	9.540	0804432	+750648	L 1	23986 L	616	FO	92092300	002000	000140	502 G	C=196,B=35
PHAL	H +75 0325	16	9.540	0804432	+750648	H 1	23987 L	613	FO	92092301	015300	002700	503 G	C=208,B=45
PHAL	H +75 0325	16	9.540	0804432	+750648	L 1	24143 L	649	FO	92102422	224400	000020	502 G	C=196,B=32
PHAL	H +75 0325	16	9.540	0804432	+750648	L 1	24168 S	653	FO	92102805	055800	000100	501 G	C=254,B=29
PHAL	H +75 0325	16	9.540	0804432	+750648	L 1	24169 L	678	FO	92102807	071200	000140	502 G	C=202,B=35
PHAL	H +75 0325	16	9.540	0804432	+750648	L 1	24364 L	1633	FO	92112908	082200	000020	502 G	C=193,B=32
PHAL	H +75 0325	16	9.540	0804432	+750648	L 1	24364 S	1657	FO	92112908	082700	000100	402 G	C=158,B=32
PHAL	H +75 0325	16	9.540	0804432	+750648	L 1	24592 L	648	FO	92122604	040400	000020	502 G	C=202,B=32
PHAL	H +75 0325	16	9.500	0804432	+750648	H 1	24631 L	585	FO	92123020	203200	002700	503 G	C=197,B=46
PHAL	H +75 0325	16	9.540	0804432	+750648	L 2	18686 L	593	FO	92122907	072100	000122	301 G	C=1.5x,B=24
PHAL	H +75 0325	16	9.540	0804432	+750648	L 3	45540 L	619	FO	92090614	141000	000014	500 G	C=180,B=16
PHAL	H +75 0325	16	9.540	0804432	+750648	L 3	45540 S	613	FO	92090614	141600	000042	500 G	C=206,B=16
PHAL	H +75 0325	16	9.540	0804432	+750648	L 3	45750 L	608	FO	92092300	003700	000043	400 G	C=149,B=16
PHAL	H +75 0325	16	9.540	0804432	+750648	H 3	45751 L	605	FO	92092301	011700	002500	402 G	C=176,B=35
PHAL	H +75 0325	16	9.540	0804432	+750648	L 3	46351 L	669	FO	92102422	223600	000014	500 G	C=175,B=16
PHAL	H +75 0325	16	9.540	0804432	+750648	L 3	46082 S	629	FO	92102806	060300	000042	500 G	C=208,B=15
PHAL	H +75 0325	16	9.540	0804432	+750648	L 3	46083 L	636	FO	92102807	072500	000043	400 G	C=146,B=15
PHAL	H +75 0325	16	9.540	0804432	+750648	L 3	46366 S	1510	FO	92112908	081100	000042	400 G	C=120,B=14
PHAL	H +75 0325	16	9.540	0804432	+750648	L 3	46366 L	1580	FO	92112908	081600	000014	500 G	C=176,B=14
PHAL	H +75 325	16	9.540	0804432	+750648	L 3	46537 L	623	FO	92122604	040900	000014	300 G	C=71,B=11
PHAL	H +75 0325	16	9.540	0804432	+750648	H 3	46624 L	608	FO	92123021	210600	002800	502 G	C=204,B=38

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	transmitt	ECC	Comment
P1100	NOVA RUPEI	55	12.24	0809441	-345828	L 1	24139 L	00054	FO	92102318	181148	001000	252	V FESBCK:119,FO;
NOSS	N RUP 91	55	11.90	0809441	-345829	L 1	24155 L	174	FO	92102607	074900	000140	32	G E=91,B=33
P1100	NOVA RUPEI	55	12.21	0809441	-345828	L 3	46048 L	00055	FO	92102318	182806	013700	350	V FESBCK:119,FO;
NOSS	N RUP 91	55	11.90	0809441	-345829	L 1	24155 S	173	FO	92102607	075900	001000	342	G E=160,C=59,B=33
NOSS	N RUP 91	55	12.00	0809441	-345829	L 1	24545 L	0	BO	92122007	071600	000300	232	G E=80,C=48,B=33
NOSS	N RUP 91	55	10.00	0809441	-345829	L 3	46065 L	180	FO	92102606	060400	010000	351	G E=198,C=60,B=25
NOSS	N RUP 91	55	10.50	0809441	-345829	L 3	46403 L	194	FO	92120406	062800	005000	341	G E=125,C=45,B=21
NOSS	N RUP 91	55	12.00	0809441	-345829	L 3	46538 L	0	BO	92122007	072300	008500	341	G E=129,C=51,B=23
PC025	HD 71243	41	04.23	0819511	-764544	L 1	23838 L	00587	FU	92090317	171958	000010	700	V FESBCK:469,SO;
PC025	HD 71243	41	04.23	0819511	-764544	L 3	45511 S	00587	FU	92090317	180102	000500	700	V FESBCK:469,SO;
PC025	HD 71243	41	04.23	0819511	-764544	L 3	45511 L	00587	FU	92090317	172809	001500	700	V FESBCK:469,SO;
PC062	AL VEL	39	08.96	0829354	-472948	E 9	02557 2	01001	FO	92070619	193000	016000		V FOR IWP 23459
PC062	AL VEL	39	08.96	0829354	-472948	H 1	23459 L	01001	FO	92070620	201040	039700	404	V
PHCAL	HD 00174280	21	4.290	0840367	+033446	H 1	24170 L	585	FU	92102808	082000	000040	503	G C=213,B=41
COOMA	2201 CLJ	05	17.50	0840423	-181314	L 1	24103 L	0	BO	92101422	221300	042100	309	G C=162,B=119
AFNIS	HD 74389	30	7.410	0842154	+490340	L 3	45833 L	3119	FO	92100309	090100	002000	309	G C=10X,B=211
AFNIS	HD 74389	30	7.410	0842154	+490340	L 3	45839 L	3021	FO	92100406	061800	002000	301	G C=10X,B=22
AFNIS	HD 74389	30	7.410	0842154	+490340	L 3	45844 L	3001	FO	92100509	091200	000120	301	G C=116,B=21
PHCAL	SKY NEAR	06		0842556	+180758	L 3	45946 L	0		92101506	060000	003000	00	G B=17
USSBS	HD 76296	41	7.300	0852170	-231951	H 1	24595 L	7831	FO	92122607	070400	007200	333	G E=122,C=111,B=49
USSBS	HD 76296	41	7.300	0852170	-231951	L 3	46588 L	8034	FO	92122608	082400	002500	300	G C=43,B=15
SACW	HD 76538	24	5.780	0852401	-600947	L 1	24601 L	13045	FO	92122702	022300	000013	502	G C=187,B=35
SACW	HD 76538	24	5.800	0852401	-600947	L 1	24601 S	13041	FO	92122702	023800	000015	X02	G C=2X,B=35
SACW	HD 76538	24	5.780	0852401	-600947	L 3	46594 L	13247	FO	92122702	020500	000024	500	G C=197,B=17
SACW	HD 76538	24	5.780	0852401	-600947	L 3	46594 S	13035	FO	92122702	021400	000025	X00	G C=2X,B=17
P1182	HD 77581	23	07.27	0900132	-402125	H 3	46144 L	04494	FO	92110611	115035	018000	501	V FESBCK:102,FO;
P1182	HD 77581	23	07.11	0900132	-402125	H 3	46151 L	05177	FO	92110712	122234	016000	500	V FESBCK:458,SO;
P1182	HD 77581	23	07.30	0900132	-402125	H 3	46167 L	04397	FO	92110815	154810	016500	500	V FESBCK:146,FO
PAG71	HD 77581	23	99.99	0900132	-402125	E 9	02615 2	00000		92110915	151500	016000		V FESIMAGE FOR ANOMAL
PAG71	HD 77581	23	99.99	0900132	-402125	E 9	02616 2	00000		92111012	120000	016000		V FESBCK:9611,FO; AT R
N1172	T PYX	55	15.00	0902372	-321047	L 3	44948 L	00000	BO	92061722	220941	028000	402	V
N1172	T PYX	55	15.00	0902372	-321047	L 1	23317 L	00000	BO	92061802	025433	011500	402	V
NE076	T PYX	55	15.50	0902372	-321047	L 1	24612 L	00000	BO	92122809	094828	014000	302	V FESBCK:7761,FO;
NE076	T PYX	55	15.50	0902372	-321047	L 3	46605 L	00000	BO	92122812	121549	027200	401	V FESBCK:8032,FO;
HECAP	HD 78913	38	9.290	0906165	-681713	L 1	23522 L	650	FO	92071716	164300	000528	502	G C=200,B=33
HECAP	HD 78913	38	9.290	0906165	-681713	L 3	45164 L	646	FO	92071716	162400	001115	400	G C=120,B=16
PHCAL	HD 80007	32	1.670	0912396	-693040	H 1	23653 L	4438	FU	92080611	113800	000023	502	G C=201,B=39
PHCAL	HD 80007	32	1.670	0912396	-693040	H 3	45294 L	4405	FU	92080611	114200	000047	402	G C=181,B=33
PHCAL	HD 80007	32	1.670	0912396	-693040	L 3	45295 L	4424	FU	92080612	121200	000001	300	G C=82,B=15
RQ094	IRAS 0914-	84	13.60	0914591	-620654	L 3	45977 L	00000	BO	92101714	141418	012000	330	V FESBCK:135,FO
RQ094	IRAS 0914-	84	13.60	0914591	-620654	L 1	24108 L	00000	BO	92101716	163153	006000	331	V FESBCK:137,FO;
RQ094	IRAS 0914-	84	13.60	0914591	-620654	L 3	45978 L	00000	BO	92101717	173934	018800	341	V FESBCK:137,FO;
BICPS	X 0921-630	59	15.20	0921251	-630448	L 3	45132 L	0	BO	92071404	040900	040000	334	G E=100,C=97,B=60
SACW	HD 81848	22	5.110	0924403	-530942	L 1	24602 L	22643	FO	92122703	035600	000007	502	G C=203,B=37
SACW	HD 81848	22	5.110	0924403	-530942	L 1	24602 S	22005	FO	92122704	040500	000008	X02	G C=2X,B=37
SACW	HD 81848	22	5.110	0924403	-530942	L 3	46595 L	21911	FO	92122704	041400	000014	500	G C=234,B=16
SACW	HD 81848	22	5.110	0924403	-530942	L 3	46595 S	21979	FO	92122704	042300	000015	X00	G C=2X,B=16
SYOM	SKY HCD	07		0931567	-613356	H 1	24061 L	0	BO	92100322	225900	003000	03	G B=49
SYOM	SKY HCD	07		0931567	+613356	H 1	24062 L	0	BO	92100402	020000	003000	02	G B=35
SYOM	UGC 5101	84	15.20	0932035	+613440	L 3	45838 L	0	BO	92100322	220300	040500	38	G E=130,B=100

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Expt.im	mmmsstt	ECC	Comment
COOMA 2201	CLJ	05	17.33	0932589	+145004	L 1	24140 L	0	EO	92102322	220100	038300	308	G C=139,B=96
PHCAL	SAO 117807	00	99.99	0934344	+070339	E 9	02635 2	00000		92120111	112800	016000		V FESECK:343,FO; FES T
PHCAL	SAO 117807	00	05.51	0934344	+070339	F 9	02647 2	18685	FO	92120212	121400	016000		V FESECK:3632,FO; FES
PHCAL	SAO117807	00	99.99	0934344	+070339	E 9	02661 2	00000		92120314	143000	016000		V FESECK:8000,FO;FES T
PHCAL	SAO258538	00	05.25	0936264	-804302	E 9	02642 2	22000	FO	92120116	163000	016000		V FESECK:194,FO, FES T
PHCAL	SAO 258538	00	05.30	0936264	-804302	D 9	02654 2	21453	FO	92120216	163500	016000		V FESECK:186,FO; FES T
PHCAL	SAO 217650	00	99.99	0936264	-804302	E 9	02655 2	00000		92120217	170200	016000		V FESECK:7997,FO; AT -
PAC04	HD84461	30	05.77	0942003	-533942	H 1	24571 L	15596	FO	92122412	120920	001000	500	V FESECK:187,FO;
CVDEL	HD 84748	49	6.500	0944522	+113942	H 1	24293 L	18173	FO	92110719	194200	009000	33	G E=132,B=44
CVDEL	HD 84748	49	6.500	0944522	+113942	L 1	24296 L	18048	FO	92110801	010800	001300	3x2	G E=1.5x,C=68,B=37
CVDEL	HD 84748	49	6.500	0944522	+113942	L 1	24297 L	17989	FO	92110802	020300	004500	4x3	G E=4x,C=148,B=41
USSES	HD 85123	33	3.000	0945517	-645024	H 3	45036 L	1424	FU	92062917	173500	001900	503	G C=222,B=45
DAQIL	PG 0945+246	37	14.45	0945564	+243526	L 1	24276 L	0	EO	92110520	202700	003500	402	G C=147,B=40
DAQIL	PG 0945+246	37	14.45	0945564	+243526	L 3	46136 L	0	EO	92110519	194500	003500	301	G C=67,B=23
DAQIL	PG 0945+246	37	14.45	0945564	+243526	L 3	46137 L	0	EO	92110521	211400	007000	301	G C=114,B=22
DAQIL	PG 0945+246	37	14.45	0945564	+243526	L 3	46139 L	0	EO	92110601	012600	008000	451	G E=218,C=135,B=24
USSES	HD 85503	47	3.900	0949545	+261435	H 1	24632 L	694	FU	92123022	224600	012000	5x4	G E=2x,C=217,B=53
NI031	HE 2-38	57	13.00	0953038	-570438	L 3	45228 L	00000	EO	92072521	214210	018600	031	V FESECK:246,S/O;
PAC04	HD 87887	32	02.20	1005227	-000735	H 3	46576 L	03587	FU	92122413	134720	000630	400	V FESECK:2947,FO;
PAC04	HD 87887	32	02.17	1005227	-000735	H 1	24572 L	03696	FU	92122413	135905	000300	300	V FESECK:2977,FO;
PAC04	HD 87887	32	02.12	1005227	-000735	H 1	24573 L	03841	FU	92122416	162719	000630	500	V FESECK:2977,FO;
PAC04	HD 87887	32	07.51	1005227	-000735	H 3	46577 L	03632	FO	92122416	161240	002000	600	V FESECK:2977,FO; 2 10
PAC04	HD87887	32	02.35	1005227	-000735	H 3	46584 L	03137	FU	92122515	155655	002000	501	V FESECK:2691,FO; 2 SE
PAC04	HD87887	32	02.32	1005227	-000735	H 1	24589 L	03227	FU	92122500	000000	162757	301	V FESECK:2691,FO;
PAC04	HD87887	32	01.73	1005227	-000735	H 3	46598 L	05407	FU	92122710	101456	003000	702	V FESECK:4886,FO; 3x10
PAC04	HD87887	32	01.70	1005227	-000735	L 1	24605 L	05542	FU	92122711	110542	000700	903	V FESECK:4886,FO; WRON
PAC04	HD87887	32	01.72	1005227	-000735	H 1	24608 L	05443	FU	92122712	125033	000700	501	V FESECK:4903,FO;
PAC04	HD87887	32	01.73	1005227	-000735	H 3	46599 L	05401	FU	92122716	164654	001000	500	V FESECK:4886,FO;
AFCEB	S CAR	51	0.700	1007462	-611814	L 3	45906 L	6531	FO	92100821	215800	038500	307	G C=105,B=81
TBOIS	HD 88824	31	5.300	1011268	-505904	L 1	23373 L	17641	FO	92062518	184800	000800	X01	G C=4x,B=23
TBOIS	HD 88824	31	5.300	1011268	-505904	L 3	45008 L	17890	FO	92062518	182800	000542	501	G C=231,B=25
USSES	HD 89025	40	3.400	1013547	+233001	H 3	44827 L	905	FU	92060120	200000	003000	X02	G C=1.5x,B=40
MI067	SFO 178644	33	05.85	1015499	-284429	L 3	46405 L	14673	FO	92120410	103652	001500	400	V FESECK:156,FO;
MI067	SFO 178644	33	05.84	1015499	-284429	L 1	24405 L	14793	FO	92120410	102835	000030	400	V FESECK:156,FO;
LENSS	HE3-407	26	9.200	1021070	-592216	H 1	23606 L	2370	FO	92073114	142400	010000	305	G C=155,B=66
LENSS	HE3-407	26	9.200	1021070	-592216	L 3	45255 L	2187	FO	92073116	161000	006000	400	G C=150,B=20
TBOIS	HD 90132	31	5.330	1021177	-374520	L 1	23372 L	17686	FO	92062515	155300	000043	X09	G C=8x,B=105
TBOIS	HD 90132	31	5.300	1021177	-374520	L 1	23372 L	17516	FO	92062516	160600	000631	X09	G C=8x,B=105
TBOIS	HD 90132	31	5.330	1021177	-374520	L 3	45006 L	17435	FO	92062515	153500	000309	401	G C=173,B=30
PNDGH	NGC 3242	70	11.00	1022215	-182324	L 3	44990 L	482	FO	92062320	201400	000300	540	G E=136,C=187,B=14
PNDGH	NGC 3242	70	11.00	1022215	-182324	L 3	44991 L	485	FO	92062320	204700	000320	540	G E=160,C=202,B=15
PT188	HD 182917	57	07.22	1023142	+500831	H 3	46566 L	04711	FO	92122311	110512	011000	341	V FESECK:181,FO;
PAC03	HD 91375	30	05.05	1029044	-714407	H 1	23607 L	24716	FO	92073100	185908	000800	601	V FESECK:312,SO;
PAC03	HD91375	30	05.00	1029044	-714407	H 3	45256 L	25370	FO	92073119	193307	002200	600	V FESECK:312,SO
PAC03	HD 91375	30	04.97	1029044	-714407	L 3	45257 L	25793	FO	92073120	203501	000025	600	V FESECK:312,SO;
PAC03	HD 91375	30	04.99	1029044	-714407	L 1	23608 L	25635	FO	92073120	203054	000006	601	V FESECK:312,SO;
SJNHM	JUPITER	03	-2.00	1033398	+101951	L 3	44884 L	0	EO	92060720	201400	002200	X50	G E=193,C=3x,B=19
SJNHM	JUPITER	03	-2.00	1033398	+101951	L 3	44886 L	0	EO	92060813	133100	003000	230	G E=77,C=31,B=16
SJNHM	JUPITER	03	-2.00	1033398	+101951	L 3	44887 L	0		92060814	143800	001500	540	G E=150,C=193,B=15
SJNHM	JUPITER	03	-2.00	1033398	+101951	L 3	44888 L	0	EO	92060815	152000	001500	540	G E=150,C=200,B=16

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsst	ECC	Comment
SJNHM	JPTIER	03	-2.00	1033398	+101951	L 3	44889 L	0	EO	92060816	160600	001500	540 G	E=147,C=205,B=15
SJNHM	JPTIER	03	-2.00	1033398	+101951	L 3	44890 L	0	EO	92060816	164700	001500	540 G	E=149,C=202,B=15
SJNHM	JPTIER	03	-2.00	1033398	+101951	L 3	44891 L	0	EO	92060817	172900	001400	540 G	E=161,C=192,B=16
SJNHM	JPTIER	03	-2.00	1033398	+101951	L 3	44892 L	0	EO	92060818	181300	001200	540 G	E=148,C=252,B=16
SJNHM	JPTIER	03	-2.00	1033398	+101951	L 3	44893 L	0	EO	92060818	185200	001200	540 G	E=134,C=230,B=16
SJNHM	JPTIER	03	-2.00	1033398	+101951	L 3	44894 L	0	EO	92060819	193100	001500	540 G	E=156,C=198,B=15
SJNHM	JPTIER	03	-2.00	1033398	+101951	L 3	44895 L	0	EO	92060820	201300	001600	550 G	E=171,C=212,B=15
COOMA	Z201 CLJ	05		1036336	+093452	L 1	24245 L	0		92110220	203000	015500		G B=2X
EC029	HR4180	45	04.21	1037187	-552033	E 9	02551 2	00603	EU	92061703	035000	016000		V FES FOR IWP23313
MOPB	HD 92449	45	4.280	1037187	-552033	H 1	23313 L	603	EU	92061704	040200	012000	XX3 G	E=2X,C=3X,B=50
MOPB	HD 92449	45	4.280	1037187	-552033	L 3	44940 L	444	EU	92061706	060700	040000	XX5 G	E=2X,C=5X,B=63
COOPF	1991A1	06		1037515	+654907	L 1	23472 L	257	EO	92070913	130000	006000	325 G	E=5X,C=102,B=61
COOPF	1991A1	06		1037515	+654907	L 1	23473 L	226	EO	92070917	170800	000430	32 G	E=101,B=35
COOPF	1991A1	06		1037515	+655844	L 3	45105 L	244	EO	92070914	142800	001500	X0 G	E=1.5X,B=12
SACGW	HD 93027	12	8.720	1041183	-595240	L 1	24604 L	1115	EO	92122708	080300	000300	502 G	C=242,B=35
SACGW	HD 93027	12	8.720	1041183	-595240	L 3	46597 L	1134	EO	92122708	082200	000320	500 G	C=208,B=15
SACGW	HD 93160	12	7.820	1042107	-591844	L 1	23301 L	2572	EO	92061415	154300	000030	502 G	C=226,B=33
SACGW	HD 93160	12	7.820	1042107	-591844	L 1	23301 S	2584	EO	92061415	155200	000040	402 G	C=170,B=33
SACGW	HD 93160	12	7.820	1042107	-591844	L 3	44925 L	2618	EO	92061415	150400	000055	300 G	C=95,B=15
SACGW	HD 93160	12	7.820	1042107	-591844	L 3	44925 S	2554	EO	92061415	152800	000120	300 G	C=114,B=15
SACGW	HD 93160	12	7.820	1042107	-591844	L 3	44926 L	2577	EO	92061416	165700	000115	500 G	C=246,B=15
SACGW	HD 93160	12	7.820	1042107	-591844	L 3	44926 S	2552	EO	92061417	171800	000400	X00 G	C=2X,B=15
SACGW	HD 93204	12	8.420	1042310	-592836	L 1	24603 L	1445	EO	92122705	054600	000124	502 G	C=237,B=35
SACGW	HD 93204	12	8.420	1042310	-592836	L 1	24603 S	1390	EO	92122706	064100	000500	X02 G	C=5X,B=35
SACGW	HD 93204	12	8.400	1042310	-592836	L 3	46596 L	1435	EO	92122705	055100	000415	X00 G	C=2X,B=16
SACGW	HD 93204	12	8.400	1042310	-592836	L 3	46603 L	1413	EO	92122806	061200	000145	440 G	E=157,C=165,B=17
SACGW	HD 93222	12	8.110	1042404	-594946	L 1	23302 L	1836	EO	92061418	184600	000120	502 G	C=196,B=35
SACGW	HD 93222	12	8.110	1042404	-594946	L 1	23302 S	1836	EO	92061418	185800	000045	502 G	C=236,B=35
SACGW	HD 93222	12	8.110	1042404	-594940	L 3	44927 L	1862	EO	92061418	183400	000209	500 G	C=197,B=15
SACGW	HD 93222	12	8.110	1042404	-594940	L 3	44927 S	1828	EO	92061418	185400	000110	500 G	C=178,B=15
SACGW	HD 93249	13	8.420	1042468	-590536	L 1	23303 L	0	EO	92061420	203200	000050	X02 G	C=1.5X,B=32
SACGW	HD 93249	13	8.420	1042468	-590536	L 3	44928 L	0	EO	92061420	202800	000200	500 G	C=247,B=15
SACGW	HD 93249	13	8.420	1042468	-590536	L 3	44928 S	0	EO	92061420	203500	000300		G
SACGW	HD 93249	13	8.420	1042469	-590537	L 1	23300 S	1779	EO	92061413	133300	000120	401 G	C=160,B=30
SACGW	HD 93249	13	8.420	1042469	-590537	L 1	23300 L	1779	EO	92061413	133700	000035	501 G	C=185,B=30
SACGW	HD 93249	13	8.420	1042469	-590537	L 3	44924 L	1778	EO	92061413	134200	000110	400 G	C=147,B=15
SACGW	HD 93249	13	8.420	1042469	-590537	L 3	44924 S	1764	EO	92061413	134600	000400	400 G	C=134,B=15
PATCO	EIA CAR NE	73	00.00	1043061	-592512	H 1	24639 S	00000	EO	92123014	143142	009500	131 V	FESBCK:201,FO; NEUL
NE076	EIA CAR	61	05.83	1043069	-592515	H 3	46618 L	14976	EO	92123010	100457	002000	350 V	FESBCK:201,FO;
NE076	EIA CAR	61	05.86	1043069	-592515	H 1	24625 L	14589	EO	92123010	103856	003000	471 V	FESBCK:201,FO;
NE076	EIA CAR	61	05.88	1043069	-592515	H 3	46619 L	14369	EO	92123011	112152	006000	470 V	FESBCK:201,FO
NE076	EIA CAR	61	05.90	1043069	-592515	H 1	24626 L	14177	EO	92123012	122959	001000	361 V	FESBCK:210,FO;
PATCO	HD 93308	61	05.91	1043069	-592515	L 3	46620 S	14109	EO	92123013	133639	000100	340 V	FESBCK:201,FO;
PATCO	HD 93308	61	05.91	1043069	-592515	L 3	46620 L	14109	EO	92123013	134215	000100	460 V	FESBCK:201,FO;
PATCO	HD 93308	61	05.91	1043069	-592515	L 1	24627 S	14081	EO	92123013	134732	000020	561 V	FESBCK:201,FO;
PATCO	HD 93308	61	05.91	1043069	-592515	L 1	24627 L	14081	EO	92123013	135221	000020	671 V	FESBCK:201,FO;
PATCO	EIACARNEB	73	00.00	1043069	-592515	L 3	46621 S	00000	EO	92123014	150416	006000	230 V	FESBCK:201,FO; N
PATCO	EIACARNEB	73	00.00	1043069	-592515	L 3	46621 L	00000	EO	92123014	142621	003000	770 V	FESBCK:201,FO; N
PATCO	EIACARNE	73	00.00	1043069	-592515	L 1	24628 S	00000	EO	92123016	162623	002000	361 V	FESBCK:201,FO; N
PATCO	EIACARNE	73	00.00	1043069	-592515	L 1	24628 L	00000	EO	92123016	161052	001000	771 V	FESBCK:201,FO; N

HFO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
COEFF C 1991 A	06			1044525	+641844	L 3	45108 L	229	FO	92071004	045200	019500	32	G E=112,B=36
PHCAL HD	00093521	12	7.040	1045336	+375004	H 1	23275 L	5024	FO	92060916	163700	000350	503	G C=205,B=47
PHCAL HD	00093521	12	7.040	1045336	+375004	H 1	23287 L	5141	FO	92061117	175900	000350	502	G C=198,B=39
PHCAL HD	00093521	12	7.040	1045336	+375004	L 1	24593 L	9231	FO	92122605	050400	000003	502	G C=191,B=31
PHCAL HD	00093521	12	7.040	1045336	+375004	H 1	24630 L	5468	FO	92123019	192800	000400	503	G C=210,B=42
PHCAL HD	00093521	12	7.040	1045336	+375004	L 2	18673 L	5191	FO	92061216	165400	000004	401	G C=166,B=22
PHCAL HD	93521	12	7.040	1045336	+375004	L 2	18685 L	4767	FO	92122906	062600	000004	401	G C=155,B=30
PHCAL HD	00093521	12	7.000	1045336	+375004	H 3	44900 L	4895	FO	92060916	162300	000430	402	G C=163,B=34
PHCAL HD	00093521	12	7.040	1045336	+375004	H 3	44914 L	4940	FO	92061118	181100	000430	402	G C=157,B=31
PHCAL HD	93521	12	7.040	1045336	+375004	L 3	46372 L	13022	FO	92112922	222600	000003	500	G C=176,B=15
PHCAL HD	00093521	12	7.040	1045336	+375004	L 3	46582 L	8001	FO	92122508	083200	000003	500	G C=168,B=13
PHCAL HD	00093521	12	7.040	1045336	+375004	H 3	46623 L	5392	FO	92123019	193700	000530	502	G C=189,B=33
PHCAL NGC	3393	84	14.00	1045595	-245352	L 3	46415 L	00000	FO	92120510	100803	040000	352	V FESECK:159,FO;
PS069 TOUTATIS	05	10.42	1048169	-035635	L 1	24456 L	00272	FO	92121110	103022	019000	400	V FESECK:182,FO;19*10	
PA145 HD	94305	10	11.82	1049101	-620108	L 3	45146 L	00078	FO	92071519	194723	004500	450	V FESECK:261,SO;
PA145 HD	94305	10	11.73	1049101	-620108	L 3	45123 L	00085	FO	92071300	000551	004500	450	V FESECK: 280,SO
PA145 HD	94546	11	10.60	1051432	-591446	L 3	45172 L	00000	FO	92071902	023751	001500	451	V FESECK:220,SO;HEAD
NE076 AG CAR	23	07.17	1054106	-601111	H 3	45282 L	04932	FO	92080421	211441	012000	400	V FESECK:228,SO;	
LENSS AG CAR	26	0.700	1054106	-601111	H 1	23507 L	5363	FO	92071514	144800	003000	XX9	G E=1.5X,C=1.5X,B=151	
NE076 AG CAR	23	07.15	1054106	-601111	L 1	23635 L	05010	FO	92080423	232004	000020	500	V FESECK:231,SO;	
LENSS AG CAR	26	0.700	1054106	-601111	H 1	23508 L	5344	FO	92071516	160100	002000	446	G E=174,C=205,B=73	
LENSS AG CAR	26	0.700	1054106	-601111	L 1	23509 L	5027	FO	92071518	183600	000040	XX2	G E=1.5X,C=1.5X,B=35	
LENSS AG CAR	26	0.700	1054106	-601111	L 3	45144 L	5360	FO	92071514	143400	000400	501	G C=230,B=21	
LENSS AG CAR	26	0.700	1054106	-601111	H 3	45145 L	5280	FO	92071516	163100	012000	404	G C=194,B=59	
PS069 TOUTATIS	05	10.43	1056100	-043458	L 1	24455 L	00270	FO	92121105	055601	009000	400	V FESECK:160,FO;(9*10	
BLOOM MKN421	87	14.00	1101405	+382843	L 3	46284 L	0	BO	92111620	204700	009000	300	G C=108,B=20	
BLOOM MKN 421	87	14.00	1101405	+382843	L 3	46317 L	0	BO	92112309	093700	007000	300	G C=63,B=19	
BLOOM MKN421	87	14.00	1101405	+382843	L 3	46322 L	0	BO	92112403	033500	007500	300	G C=67,B=18	
PA145 HD	97152	10	08.16	1107567	-604225	H 3	45148 L	08162	SO	92071522	223341	002500	340	V
PA145 HD	97152	10	08.21	1107567	-604225	H 3	45204 L	01953	FO	92072121	213012	004000	550	V FESECK:193,SO;
PA145 HD	97152	10	08.22	1107567	-604225	H 1	23561 L	01941	FO	92072122	221656	003000	501	V FESECK:193,SO;
PA145 HD	97277	30	04.55	1109117	-223309	L 3	45147 L	00443	FU	92071521	213255	000230	700	V FESECK:504,SO;
ALQJE TT HYA	66	7.300	1110457	-261135	H 1	24387 L	3589	FO	92120202	023500	006000	503	G C=216,B=47	
ALQJE TT HYA	66	7.300	1110457	-261135	L 1	24388 L	3561	FO	92120204	043100	000300	XX2	G C=2X,B=36	
ALQJE HD	97528	66	7.300	1110457	-261135	L 1	24392 L	885	FO	92120217	175600	001000	5X2	G E=1.5X,C=229,B=35
ALQJE HD	97528	66	7.300	1110457	-261135	H 1	24393 L	772	FO	92120222	221500	010500	333	G E=128,C=100,B=47
ALQJE TT HYA	66	7.300	1110457	-261135	H 3	46386 L	3647	FO	92120201	013000	006000	402	G C=146,B=35	
ALQJE TT HYA	66	7.300	1110457	-261135	L 3	46387 L	3580	FO	92120203	032100	000400	XX0	G C=1.5X,B=16	
ALQJE TT HYA	66	7.300	1110457	-261135	L 3	46388 L	3516	FO	92120204	043900	000200	500	G C=195,B=15	
ALQJE HD	97528	66	7.300	1110457	-261135	H 3	46392 L	785	FO	92120218	182600	022500	334	G E=109,C=100,B=55
ALQJE HD	97528	66	7.300	1110457	-261135	L 3	46393 L	782	FO	92120300	000900	001500	34	G E=130,B=55,B=17
PS069 TOUTATIS	05	11.25	1111077	-073136	L 1	24453 L	00130	FO	92121012	124351	010500	503	V FESECK:150,FO;12 SEG	
SACW HD	98664	22	4.050	1118335	+061813	L 1	24609 L	866	FU	92122803	030900	000007	502	G C=187,B=33
SACW HD	98664	22	4.050	1118335	+061813	L 1	24611 L	915	FU	92122807	073400	000008	502	G C=225,B=35
SACW HD	98664	22	4.050	1118335	+061813	L 3	46601 L	867	FU	92122803	032400	000014	500	G C=206,B=16
SNOW SKY BACK	07			1119216	+592004	L 1	24385 L	0		92120118	184600	016000	304	G C=90,B=58
SNOW NEC	3642	88	11.17	1119256	+592101	L 1	24386 L	0	BO	92120122	220400	016500	304	G C=91,B=54
SNOW NEC	3642	88	11.17	1119256	+592101	L 3	46385 L	0	BO	92120118	181900	022000	302	G C=70,B=40
SLOCA HD	99264	20	5.580	1122108	-715854	L 1	24566 L	15567	FO	92122401	011600	000200	XX3	G C=6X,B=50
SLOCA HD	99264	20	5.580	1122108	-715854	L 1	24566 S	15252	FO	92122401	014200	000200	XX3	G C=6X,B=50

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmstt	ECC	Comment
SIOGA HD	99264	20	5.580	1122108	-715854	L 3	46570 L	15753	FO	92122401	012100	000300	703	G C=10X,B=50
SIOGA HD	99264	20	5.580	1122108	-715854	L 3	46573 L	15704	FO	92122408	080900	000030	X00	G C=1.5X,B=15
TBOIS HD	99211	31	4.080	1122229	-172433	L 1	23368 L	536	FJ	92062415	150800	000222	X01	G C=8X,B=24
TBOIS HD	99211	31	4.100	1122229	-172433	L 3	44997 L	531	FJ	92062415	152500	000102	501	G C=210,B=23
SACOW HD	99211	37	4.080	1122229	-172433	L 3	46604 L	956	FJ	92122808	083100	000130	X01	G C=1.5X,B=21
SACOW HD	99211	37	4.080	1122229	-172433	L 3	46604 S	956	FJ	92122808	084300	000400	X01	G C=5X,B=21
PS069 TQUINTIS	05	11.68	1125066	-093712	L 1	24452 L	00089	FO	92121006	060606	012000	403	V FESBCK:150,FO; 12 X	
PHCAL WAWCAL	98		1126412	-041032	L 1	23236 S	0		92060114	143900	000001	72	G E=10X,B=32	
PHCAL TIFLOOD	99		1126412	-041032	L 1	23237 S	0		92060115	150800	000025	09	G B=104	
PHCAL WAWCAL	98		1126412	-041032	H 1	23238 S	0		92060115	153700	000016	32	G E=60X,B=39	
PHCAL WAWCAL	98		1126412	-041032	L 2	18667 S	0		92060117	173800	000001	70	G E=10X,B=20	
PHCAL TIFLOOD	99		1126412	-041032	L 2	18668 S	0		92060118	180600	000010	09	G B=125	
PHCAL WAWCAL	98		1126412	-041032	H 2	18669 S	0		92060118	183500	000022	31	G E=60X,B=27	
PHCAL WAWCAL	98		1126412	-041032	L 3	44824 S	0		92060115	155000	000002	70	G E=10X,B=16	
PHCAL TIFLOOD	99		1126412	-041032	L 3	44825 S	0		92060116	164900	000005	09	G B=110	
PHCAL WAWCAL	98		1126412	-041032	H 3	44826 S	0		92060117	171900	000200	32	G E=60X,B=35	
XRCBW FG 1126-041	84	15.40	1126436	-040735	L 1	23235 L	0	BD	92060109	090900	018000	454	G E=230,C=185,B=60	
XRCBW FG 1126-041	84	15.40	1126436	-040735	L 3	44822 L	0	BD	92060107	073000	009000	331	G E=96,C=56,B=26	
XRCBW FG 1126-041	84	15.40	1126436	-040735	L 3	44823 L	0	BD	92060112	121900	011000	341	G E=139,C=65,B=30	
PI046 SY MUS	49	11.17	1129548	-650837	L 1	23797 L	00140	FO	92082822	223033	001500	341	V FESBCK: 285,SO;	
PI046 SY MUS	49	11.17	1129548	-650837	L 3	45462	00140	FO	92082800	000000	000000	360	V FESBCK: 285,SO;	
PI046 SY MUS	49	11.14	1129548	-650837	L 1	23798 L	00143	FO	92082900	000059	004500	461	V FESBCK: 285,S/O;	
COCHF 1991A1	06		1130206	+472213	L 1	23518 L	363	FO	92071705	050400	000500	232	G E=95,C=44,B=34	
COCHF COMET 91	06	7.000	1130206	+472213	L 1	23519 L	298	FO	92071707	075600	004500	252	G E=203,C=60,B=40	
COCHF 1991A1	06		1130206	+472213	L 3	45160 L	300	FO	92071705	052600	000600	40	G E=134,B=16	
SACOW HD	100889	25	4.700	1134086	-093132	L 1	24610 L	734	FJ	92122804	044700	000011	502	G C=203,B=35
SACOW HD	100889	25	4.700	1134086	-093132	L 1	24610 S	27421	FJ	92122804	045600	000012	X02	G C=1.5X,B=35
SACOW HD	100889	25	4.700	1134086	-093132	L 3	46602 L	27294	FO	92122805	051400	000019	500	G C=200,B=15
AGNEP NCC3783	84	13.42	1136329	-372741	L 3	45194 L	00074	SD	92072019	194342	009000	350	V BCKG:214,SO;	
NQ022 NCC3783	84	13.60	1136329	-372741	L 3	45246 L	00064	SD	92072919	190423	009000	460	V FESBCK:374,SO;	
NQ022 NCC3783	84	13.00	1136330	-372742	L 3	44830 L	00000	BD	92060202	022551	009000	351	V	
AGNEP NCC 3783	84	13.50	1136330	-372741	L 1	23280 L	367	SD	92061011	113800	004000	452	G E=219,C=150,B=35	
NQ022 NCC3783	84	13.00	1136330	-372742	L 1	23241 L	00000	BD	92060204	040056	004500	451	V	
AGNEP NCC 3783	84	13.50	1136330	-372741	L 1	23289 L	103	FO	92061211	114800	004500	452	G E=249,C=158,B=39	
NQ022 NCC3783	84	13.51	1136330	-372742	L 3	44873 L	00069	SD	92060601	014849	009000	350	V	
AGNEP NCC 3783	84	13.50	1136330	-372741	L 1	23298 L	396	SD	92061407	074100	004500	352	G E=193,C=130,B=39	
NQ022 NCC3783	84	13.48	1136330	-372742	L 1	23260 L	00071	SD	92060603	032703	004500	451	V	
AGNEP NCC 3783	84	13.50	1136330	-372741	L 1	23311 L	385	SD	92061615	153300	004500	455	G E=250,C=176,B=64	
NQ022 NCC 3783	84	13.48	1136330	-372742	L 3	44874 L	00071	SD	92060604	042103	002700	330	V	
AGNEP NCC 3783	84	13.50	1136330	-372741	L 1	23318 L	360	SD	92061807	072100	004000	452	G E=228,C=145,B=38	
NQ022 NCC 3783	84	13.42	1136330	-372742	L 3	44992 L	00075	SD	92062322	220304	008500	350	V	
AGNEP NCC 3783	84	13.50	1136330	-372741	L 1	23329 L	387	SD	92062007	071400	004000	452	G E=214,C=138,B=38	
NQ022 NCC 3783	84	13.44	1136330	-372742	L 1	23366 L	00074	SD	92062323	233844	004000	451	V	
AGNEP NCC 3783	84	13.50	1136330	-372741	L 1	23330 L	383	SD	92062009	093600	004000	452	G E=213,C=151,B=39	
NQ022 NCC 3783	84	13.00	1136330	-372742	L 3	44993 L	00000	BD	92062400	002458	006000	340	V	
AGNEP NCC 3783	84	13.50	1136330	-372741	L 1	23331 L	379	SD	92062011	115700	004000	452	G E=211,C=148,B=37	
NQ022 NCC3783	84	13.51	1136330	-372742	L 3	45010 L	00069	SD	92062522	221722	009000	350	V	
AGNEP NCC 3783	84	13.50	1136330	-372741	L 1	23352 L	361	SD	92062207	071700	004000	452	G E=209,C=149,B=38	
NQ022 NCC3783	84	13.45	1136330	-372742	L 1	23376 L	00073	SD	92062522	225508	004500	461	V	
AGNEP NCC 3783	84	13.50	1136330	-372741	L 1	23387 L	492	SD	92062807	074300	004000	452	G E=206,C=141,B=39	

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsst	ECC	Comment
NQ022	NIC3783	84	13.00	1136330	-372742	L 3	45011 L	0000	BO	92062600	004529	003000	230 V	
AC0FP	NIC 3783	84	13.50	1136330	-372741	L 1	23388 L	399	SO	92062810	101500	004000	452 G	E=219,C=141,B=37
NQ022	NIC 3783	84	13.00	1136330	-372742	L 3	45038 L	0000	BO	92062922	221431	009000	350 V	
AGNFP	NIC 3783	84	13.50	1136330	-372741	L 1	23485 L	257	SO	92071213	132800	004000	442 G	E=190,C=145,B=40
NQ022	NIC 3783	84	13.00	1136330	-372742	L 1	23406 L	0000	BO	92062923	235011	004500	453 V	
AC0FP	NIC 3783	84	13.50	1136330	-372741	L 1	23500 L	266	SO	92071413	132600	004500	448 G	E=1.5X,C=214,B=100
NQ022	NIC 3783	84	13.00	1136330	-372742	L 3	45052 L	0000	BO	92070200	001651	009000	350 V	
AC0FP	NIC 3783	84	13.50	1136330	-372741	L 1	23510 L	267	SO	92071605	053600	004500	353 G	E=223,C=140,B=45
NQ022	NIC3783	84	15.38	1136330	-372742	L 1	23416 L	0000	BO	92070201	015427	004500	452 V	
AC0FP	NIC 3783	84	13.50	1136330	-372741	L 1	23511 L	265	SO	92071608	080400	004500	453 G	E=222,C=145,B=41
NQ022	NCC3783	84	13.00	1136330	-372742	L 3	45063 L	0000	BO	92070323	234425	009000	350 V	
AC0FP	NCC 3783	84	13.50	1136330	-372741	L 1	23512 L	264	SO	92071610	103100	002000	332 G	E=126,C=80,B=33
NQ022	NIC3783	84	13.00	1136330	-372742	L 1	23429 L	0000	BO	92070401	012102	004500	452 V	
AC0FP	NIC 3783	84	13.50	1136330	-372741	L 1	23524 L	277	SO	92071805	052300	004500	452 G	E=241,C=165,B=37
NQ022	NCC3783	84	13.00	1136330	-372742	L 3	45064 L	0000	BO	92070402	020825	004000	340 V	
AC0FP	NCC 3783	84	13.50	1136330	-372741	L 1	23525 L	278	SO	92071807	074900	004500	452 G	E=247,C=159,B=36
NQ022	NCC3783	84	13.39	1136330	-372742	L 3	45081 L	00077	SO	92070523	232716	009000	350 V	
AC0FP	NCC 3783	84	13.50	1136330	-372741	L 1	23526 L	278	SO	92071810	101200	003500	352 G	E=195,C=130,B=36
NQ022	NCC3783	84	13.45	1136330	-372742	L 1	23449 L	00073	SO	92070601	011201	004500	451 V	
AC0FP	NCC 3783	84	13.50	1136330	-372741	L 1	23562 L	674	SO	92072205	053900	004000	452 G	E=206,C=148,B=37
NQ022	NCC3783	84	13.36	1136330	-372742	L 3	45082 L	00079	SO	92070602	020423	004200	340 V	
AC0FP	NCC 3783	84	13.50	1136330	-372741	L 1	23563 L	665	SO	92072207	075900	004000	452 G	E=221,C=150,B=36
NQ022	NIC 3783	84	13.35	1136330	-372742	L 1	23466 L	00080	SO	92070800	004200	004500	451 V	
AC0FP	NIC 3783	84	13.50	1136330	-372741	L 1	23564 L	676	SO	92072210	102000	003500	452 G	E=208,C=149,B=38
NQ022	NIC 3783	84	13.36	1136330	-372742	L 3	45097 L	00079	SO	92070801	014633	006000	340 V	
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 1	23573 L	357	SO	92072410	103500	004000	452 G	E=237,C=175,B=38
NQ022	NCC3783	84	13.55	1136330	-372742	L 3	45105 L	00067	SO	92070920	202248	010000	450 V	
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 3	44907 L	371	SO	92061010	100000	009000	351 G	E=233,C=100,,B=25
NQ022	NCC3783	84	13.48	1136330	-372742	L 1	23475 L	00071	SO	92070922	220856	004500	451 V	
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 3	44908 L	372	SO	92061012	122300	002500	330 G	E=93,C=48,B=17
AGNFP	NCC3783	84	13.00	1136330	-372742	L 3	45195 L	00000	BO	92072022	220637	005500	340 V	BOKCD:214,SO;
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 3	44918 L	424	SO	92061210	100100	009000	351 G	E=218,C=125,B=26
AGNFP	NCC3783	84	13.00	1136330	-372742	L 1	23553 L	00000	BO	92072021	211754	004500	350 V	BOKCD:214,SO;
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 3	44921 L	402	SO	92061406	060600	009000	351 G	E=195,C=100,B=22
NQ022	NCC 3783	84	13.00	1136330	-372742	L 3	45227 L	00000	BO	92072518	182956	009000	450 V	FESBCK:314,S/O;
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 3	44922 L	396	SO	92061408	083000	002900	330 G	E=90,C=54,B=15
NQ022	NCC 3783	84	13.00	1136330	-372742	L 1	23583 L	00000	BO	92072520	201101	004500	450 V	FESBCK:314,S/O;
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 3	44936 L	389	SO	92061616	162300	002500	331 G	E=91,C=55,B=26
NQ022	NIC3783	84	13.33	1136330	-372742	L 3	45237 L	00081	SO	92072718	185048	009000	350 V	FESBCK:325,SO;
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 3	44949 L	350	SO	92061805	054500	008500	351 G	E=214,C=91,B=23
NQ022	NCC 3783	84	13.48	1136330	-372742	L 1	23594 L	00071	SO	92072720	203131	004500	451 V	FESBCK:333,SO;
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 3	44950 L	364	SO	92061808	081500	003500	330 G	E=114,C=49,B=20
NQ022	NCC3783	84	13.27	1136330	-372742	L 1	23601 L	00086	SO	92072920	204158	004000	450 V	FESBCK:358,SO;
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 3	44962 L	389	SO	92062005	054000	008500	351 G	E=185,C=91,B=26
AGNFP	NCC 3783	84	13.50	1136330	-372741	L 3	44963 L	383	SO	92062008	080300	008500	351 G	E=224,C=92,B=27
AGNFP	NIC 3783	84	13.50	1136330	-372741	L 3	44964 L	386	SO	92062010	102400	008500	351 G	E=210,C=98,B=29
AGNFP	NIC 3783	84	13.50	1136330	-372741	L 3	44974 L	366	SO	92062205	054400	008500	351 G	E=221,C=91,B=27
AC0FP	NIC 3783	84	13.50	1136330	-372741	L 3	45024 L	502	SO	92062806	060500	008500	351 G	E=198,C=99,B=26
AC0FP	NIC 3783	84	13.50	1136330	-372741	L 3	45025 L	495	SO	92062808	083400	009000	351 G	E=243,C=96,B=29
AC0FP	NIC 3783	84	13.50	1136330	-372741	L 3	45026 L	399	SO	92062811	110800	009000	351 G	E=223,C=110,B=30

FPO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsst	ECC	Comment
AGNEP	NCC	3783	84	13.50	1136330	-372741	L 3 45118 L	262	SD	92071211	115700	008500	351	G E=196,C=91,B=25
AGNEP	NCC	3783	84	13.50	1136330	-372741	L 3 45119 L	263	SD	92071214	141700	003500	331	G E=104,C=55,B=21
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45133 L	263	SD	92071411	115200	008500	352	G E=203,C=101,B=32
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45134 L	266	SD	92071414	141700	003000	333	G E=119,C=84,B=42
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45150 L	273	SD	92071604	040400	008500	342	G E=183,C=95,B=35
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45151 L	272	SD	92071606	062700	009000	352	G E=206,C=95,B=32
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45152 L	267	SD	92071608	085600	009000	351	G E=201,C=80,B=27
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45167 L	276	SD	92071803	035000	008500	351	G E=202,C=95,B=29
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45168 L	275	SD	92071806	061600	008500	351	G E=201,C=90,B=28
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45169 L	278	SD	92071808	084200	008500	351	G E=196,C=97,B=29
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45206 L	687	SD	92072204	040700	008500	351	G E=191,C=107,B=29
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45207 L	671	SD	92072206	062700	008500	351	G E=195,C=105,B=28
AGCEP	NCC	3783	84	13.50	1136330	-372741	L 3 45208 L	675	SD	92072208	084800	008500	3X1	G E=1.5X,C=106,B=27
AGNEP	NCC	3783	84	13.50	1136330	-372741	L 3 45219 L	371	SD	92072408	085800	008500	351	G E=218,C=120,B=26
AGNEP	NCC	3783	84	13.50	1136330	-372741	L 3 45220 L	359	SD	92072411	112700	005200	342	G E=170,C=95,B=35
FCO29	HR4522	45	04.43	1144050	-605401	L 3 44939 L		00494	FU	92061622	222358	030000	751	V
PHCAL	SAQ138445	00	06.01	1148288	-050319	E 9 02638 2		13000	FO	92120113	132000	016000		V FESECK:171,FO;FES TE
PHCAL	SAO 138445	00	06.10	1148288	-050319	E 9 02650 2		12095	FO	92120214	140000	016000		V FESECK:162,FO; FES T
PHCAL	SKY BKGD	07		1149280	-110638	L 1 24618 L		0		92122918	182900	034000	307	G C=127,B=88
FCO25	PG 1149-110	85	15.46	1149304	-110543	L 3 46610 L		0	EO	92122917	173900	043000	346	G E=218,C=130,B=74
USSES	HD	104565	13	9.400	1159536	-575752	L 1 23458 L	660	FO	92070618	181500	000210	502	G C=243,B=32
USSES	HD	104565	13	9.400	1159536	-575752	L 1 23458 S	663	FO	92070618	182600	000300	402	G C=161,B=32
QSNAP	NCC	4051	84	11.70	1200363	+444834	L 1 24347 L	0	EO	92112409	095100	006000	342	G E=159,C=105,B=40
QSNAP	NCC	4051	84	11.70	1200363	+444834	L 3 46316 L	0	EO	92112304	040800	004500	230	G E=54,C=33,B=17
TBOIS	HD	105452	40	4.000	1205497	-242700	L 1 23367 L	563	FU	92062413	133600	000406	X01	G C=8X,B=24
TBOIS	HD	105452	40	4.000	1205497	-242700	L 3 44996 L	562	FU	92062413	135500	000147	501	G C=200,B=22
CFOIM	HD	105805	30	5.800	1208138	+273334	L 1 24622 L	10628	FO	92123005	054900	000010	402	G C=164,B=33
CFOIM	HD	105805	30	5.800	1208138	+273334	L 3 46614 L	10254	FO	92123005	051300	000028	300	G C=97,B=20
CFOIM	HD	1058055	30	5.800	1208138	+273334	L 3 46615 L	10373	FO	92123005	055500	000105	500	G C=195,B=20
USSES	HD	105937	21	4.000	1209017	-520524	H 1 24641 L	752	FU	92123123	231000	000036	502	G C=216,B=39
NQ072	HS 1211-13	84	15.60	1211118	-132213	E 9 02560 2		00000	BD	92071720	200000	016000		V FES FOR SWP45166
NQ072	HS 1211-13	84	15.60	1211118	-132213	L 3 45166 L		00000	BD	92071719	195950	040800	333	V FESECK:285,SO; FESIM
NQ072	HS1211-132	84	15.60	1211119	-132214	E 9 02561 2		00000	BD	92071920	200000	016000		V FES FOR IWP23534
NQ072	HS1211-132	85	15.60	1211119	-132214	L 1 23534 L		00000	BD	92071920	204455	036300	563	V FESECK:314,SO
FQ101	PG12114143	84	14.00	1211449	+141953	L 3 44962 L		00000	BD	92061921	215934	010000	351	V
FQ101	PG12114143	84	14.00	1211449	+141953	L 1 23329 L		00000	BD	92061923	234430	007000	302	V
FQ101	PG1211+143	84	14.00	1211449	+141953	L 3 44963 L		00000	BD	92062001	010018	009000	351	V
FQ101	PG1211+143	84	14.00	1211449	+141953	L 3 45050 L		00000	BD	92070120	200407	010000	350	V
FQ101	PG1211+143	84	14.00	1211449	+141953	L 3 45051 L		00000	BD	92070122	221356	004600	340	V
FQ099	PG1211+143	85	14.00	1211449	+141953	L 3 46526 L		00000	BD	92121811	115919	010000	350	V FESECK:202,FO;
USSES	HD	106983	21	4.100	1215426	-634330	H 3 46634 L	727	FU	92123122	224800	000042	402	G C=179,B=32
FQ110	NCC5548	84	12.00	1215435	+252200	L 3 46589 L		00000	BD	92122610	101059	010000	350	V FESECK:165,FO;
FQ110	NCC5548	84	12.00	1215435	+252200	L 1 24596 L		00000	BD	92122612	120821	004500	340	V FESECK:165,FO;NO GUI
NA013	PG1270-056	16	14.40	1220246	-053628	L 3 44839 L		00000	BD	92060222	220320	005000	501	V
CFOIM	HD	107966	30	5.100	1221481	+262232	L 1 24623 L	20191	FO	92123007	073800	000007	502	G C=225,B=32
CFOIM	HD	107966	30	5.100	1221481	+262232	L 3 46616 L	19733	FO	92123007	070300	000025	500	G C=206,B=17
FNCSH	NCC	4361	70	12.80	1221550	-183032	L 1 23365 L	399	SD	92062318	184700	000700	402	G C=183,B=35
FNCSH	NCC	4361	70	12.80	1221550	-183032	L 3 44988 L	401	SD	92062318	182300	001500	X30	G E=88,C=3X,B=16
FNCSH	NCC	4361	70	12.80	1221550	-183032	L 3 44989 L	401	SD	92062319	192100	000500	530	G E=43,C=224,B=13
SNCRK	SN1992AD	56	13.50	1224170	+090914	L 1 23423 L		0	BD	92070312	120600	004500	303	G C=77,B=49

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
SNORK	SN1992AD	56	13.50	1224170	+090914	L 3	45058 L	0	BO	92070313	130300	009000		08 G B=92
CFOIM	HD 108382	30	5.000	1224294	+270608	L 1	24624 L	23827	FO	92123008	082400	000006		502 G C=200,B=32
CFOIM	HD 108382	30	5.000	1224294	+270608	L 3	46617 L	19733	FO	92123008	083400	000025		500 G C=191,B=20
USBS	HD 108639	23	7.900	1226215	-603142	H 1	23405 L	2228	FO	92062920	202200	002500		503 G C=210,B=45
CFOIM	HD 108662	36	5.400	1226249	+261121	L 1	24619 L	19575	FO	92123002	020400	000010		X02 G C=1.5X,B=32
CFOIM	HD 108662	36	5.400	1226249	+261121	L 1	24621 L	19529	FO	92123004	042800	000005		502 G C=208,B=34
CFOIM	HD 108662	36	5.400	1226249	+261121	L 3	46611 L	18863	FO	92123001	013000	000030		X00 G C=1.5X,B=18
CFOIM	HD 108662	36	5.400	1226249	+261121	L 3	46612 L	19568	FO	92123002	021000	000020		500 G C=199,B=15
NQ113	3C 273	85	12.99	1226332	+021943	L 3	44871 L	00110	SD	92060522	220207	003000		450 V
NQ113	3C 273	85	12.90	1226332	+021943	L 1	23258 L	00119	SD	92060522	224104	003000		601 V
NQ113	3C 273	85	12.96	1226332	+021943	L 3	44872 L	00113	SD	92060523	231853	006000		560 V
NQ113	3C 273	85	12.96	1226332	+021943	L 1	23259 L	00113	SD	92060600	002712	003000		601 V
NQ113	3C 273	85	13.07	1226332	+021943	L 3	44967 L	00103	SD	92062102	024820	003000		450 V
NQ113	3C 273	85	12.92	1226332	+021943	L 1	23342 L	00117	SD	92062103	033032	003000		602 V
NQ113	3C 273	85	12.66	1226332	+021943	L 3	44968 L	00148	SD	92062104	040722	004300		460 V
NQ113	3C 273	85	12.94	1226332	+021943	L 3	45079 L	00115	SD	92070519	192708	003000		350 V
NQ113	3C 273	85	12.90	1226332	+021943	L 1	23447 L	00119	SD	92070520	200516	003000		601 V
NQ113	3C 273	85	12.89	1226332	+021943	L 3	45080 L	00120	SD	92070520	204543	007500		770 V
NQ113	3C 273	85	12.89	1226332	+021943	L 1	23448 L	00120	SD	92070522	220745	003700		701 V
FQ037	3C 273	85	12.97	1226332	+021943	L 3	46514 L	00028	FO	92121711	112606	003000		350 V FESECK:158,FO;
FQ037	3C 273	85	13.05	1226332	+021943	L 1	24528 L	00026	FO	92121712	120905	003000		500 V FESECK:158,FO;
FQ037	3C 273	85	13.05	1226332	+021943	L 3	46515 L	00026	FO	92121700	000000	000000		460 V FESECK:155,FO;
FQ037	3C 273	85	13.05	1226332	+021943	L 1	24529 L	00026	FO	92121713	135710	005000		700 V FESECK:156,FO;
FQ037	3C 273	85	13.01	1226332	+021943	L 3	46516 L	00027	FO	92121714	145518	011000		770 V FESECK:153,FO;
FQ037	3C 273	85	12.70	1226332	+021943	L 3	46633 L	00000	BO	92113111	114051	003000		350 V FESECK:2844,FO; NO T
FQ037	3C 273	85	12.70	1226332	+021943	L 1	24638 L	00000	BO	92123112	121830	003000		402 V FESECK:2844,FO; NO T
QSNAP	3C 273	85	13.00	1226333	+021942	L 1	24614 L	226	FO	92122821	213700	007500		X03 G C=2.5X,B=44
QSNAP	3C 273	85	13.00	1226333	+021942	L 1	24615 L	240	FO	92122823	235800	002500		502 G C=204,B=38
QSNAP	3C 273	85	13.00	1226333	+021942	L 3	46607 L	236	FO	92122822	225800	005100		4X1 G E=1.5X,C=160,B=24
QSNAP	3C 273	85	13.00	1226333	+021942	L 3	46608 L	241	FO	92122900	003100	002000		340 G E=164,C=84,B=19
SFOJE	HD 108903	49	1.630	1228227	-565000	L 1	23396 L	5252	FU	92062820	203200	001000		3X2 G E=3X,C=75,B=35
CFOIM	HD 108945	36	5.400	1228309	+245035	L 1	24620 L	17177	FO	92123003	032200	000005		402 G C=143,B=35
CFOIM	HD 108945	36	5.400	1228309	+245035	L 3	46613 L	17220	FO	92123003	031600	000020		300 G C=113,B=16
FQ076	IC 3599	84	15.70	1235128	+265856	L 3	44956 L	00000	BO	92061822	222301	017000		201 V
RCEW	UW CEN	52	13.50	1240260	-541518	L 1	23268 L	202	SD	92060805	054800	042000		307 G C=121,B=87
PA145	HDE 311884	11	10.38	1240529	-624851	L 3	45171 L	172	FO	92071900	001131	010000		341 V FESECK:220,SO
NA013	FG1242-106	28	15.00	1242168	-103443	L 3	44819 L	00000	BO	92060100	003714	005000		201 V
NA013	FG1242-106	28	15.00	1242169	-103443	L 1	23234 L	00000	BO	92060101	013554	003000		301 V
USBS	HD 110879	21	3.000	1243114	-675005	H 1	23456 L	1545	FU	92070616	160000	000015		502 G C=236,B=40
USBS	HD 110879	21	3.000	1243114	-675005	H 3	45089 L	1538	FU	92070616	160700	000017		502 G C=216,B=33
NA013	FG1245-042	28	13.60	1245391	-041427	L 3	44820 L	00000	BO	92060102	025010	003000		300 V NO TRACK, 2 SEGMENTS
ICOMM	IO TCRUS	04		1246342	-033713	L 1	24565 L	0		92122318	180300	036000		409 G C=210,B=106
PHCAL	SKY BKGD	07		1246364	-033616	L 3	46569 L	0		92122320	201600	006000		00 G B=17
FQ110	3C 279	85	15.00	1253359	+053108	L 1	24597 L	00000	BO	92122614	142410	013000		305 V FESECK:167,FO;
MMOU	3C 279	85	15.00	1253359	-053108	L 1	24540 L	0	BO	92121917	175400	018000		304 G C=100,B=58
PA004	3C 279	85	15.00	1253359	-053108	L 1	24607 L	00000	BO	92122714	144059	011500		202 V FESECK:157,FO;;
MMOU	3C 279	85	15.00	1253359	-053108	L 1	24640 L	0	BO	92123117	171800	016400		305 G C=98,B=63
FQ110	3C 279	85	15.00	1253359	-053108	L 1	24616 L	00000	BO	92122910	102335	015600		302 V FESECK:164,FO;
NA013	FG1257-026	28	14.40	1257393	-023344	L 1	23242 L	00000	BO	92060223	232601	004000		111 V
USBS	HD 113139	40	4.930	1258354	+563808	H 3	45041 L	21724	FO	92063020	201200	003500		402 G C=132,B=31

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
PQ066	NGC5194	88	10.20	1327463	+472746	E 9	02556 L	00000	EO	92070222	220000	016000		V FOR SWP 45057
LICOR	NGC 5194	80	11.90	1327463	+472710	L 1	23430 L	0	EO	92070403	034800	041000		309 G C=195,B=101
LICOR	NGC 5194	80	11.90	1327463	+472710	L 3	45057 L	0	EO	92070222	222000	072500		309 G C=175,B=102
LICOR	SKYBKND	07		1327494	+472807	L 1	23422 L	0	EO	92070303	034100	036000		308 G C=145,B=100
PS176	P/GRIGG SK	06	00.13	1343527	+005027	L 1	23771 L	00000	EO	92082518	183427	009000		233 V FESECK:836,SO;
PHCAL	HD 00120315	21	1.840	1345343	+493344	H 1	23274 L	4134	FU	92060914	145400	000005		502 G C=218,B=39
PHCAL	HD 00120315	21	1.840	1345343	+493344	H 1	23421 L	4181	FU	92070218	183500	000005		502 G C=202,B=38
PHCAL	HD 00120315	21	1.840	1345343	+493344	H 1	24366 L	4228	FU	92112910	103500	000005		502 G C=200,B=40
PHCAL	HD 00120315	21	1.840	1345343	+493344	H 1	24587 L	4399	FU	92122507	072600	000005		502 G C=208,B=40
PHCAL	HD 00120315	21	1.840	1345343	+493344	H 2	18674 L	4164	FU	92061217	175800	000008		502 G C=204,B=32
PHCAL	HD 120315	21	1.840	1345343	+493344	H 2	18684 L	5154	FU	92122905	052500	000008		501 G C=204,B=30
PHCAL	HD 00120315	21	1.840	1345343	+493344	H 3	44899 L	4161	FU	92060914	145900	000006		402 G C=173,B=32
PHCAL	HD 00120315	21	1.840	1345343	+493344	H 3	45056 L	4257	FU	92070218	182800	000006		G
PHCAL	HD 00120315	21	1.840	1345343	+493344	H 3	46367 L	4182	FU	92112910	103900	000006		402 G C=172,B=31
PHCAL	HD 00120315	21	1.840	1345343	+493344	H 3	46581 L	4222	FU	92122507	073200	000006		402 G C=166,B=32
PT00	FB VIR	53	11.59	1349106	+064039	L 3	44994 L	00096	FO	92062402	022836	014000		300 V
PHCAL	HD 00121263	20	2.540	1352245	-470235	H 1	23652 L	2500	FU	92080610	102900	000005		502 G C=199,B=39
PHCAL	HD 00121263	20	2.540	1352245	-470235	H 3	45280 L	2573	FU	92080416	161700	000006		502 G C=204,B=32
USSBS	HD 121790	12	3.900	1355348	-443337	H 1	23565 L	807	FU	92072214	144900	000026		503 G C=242,B=41
USSBS	HD 121790	12	3.900	1355348	-443337	H 3	45209 L	797	FU	92072214	145400	000028		502 G C=187,B=33
SACOW	HD 123299	32	3.650	1403020	+643651	L 1	23582 L	885	FU	92072516	161500	000005		502 G C=210,B=37
SACOW	HD 123299	32	3.650	1403020	+643651	L 1	23582 S	891	FU	92072516	162400	000003		502 G C=190,B=34
SACOW	HD 123299	32	3.650	1403020	+643651	L 3	45226 L	886	FU	92072515	155800	000012		500 G C=215,B=15
SACOW	HD 123299	32	3.650	1403020	+643651	L 3	45226 S	881	FU	92072516	160700	000006		400 G C=145,B=15
PQ100	NGC5548	84	12.00	1415432	+252200	L 1	24588 L	00000	EO	92122510	103338	006000		451 V FESECK:146,FO;
PQ100	NGC5548	84	99.99	1415432	+252200	L 3	46583 L	00000		92122509	095926	012000		451 V FESECK:146,FO; EXPOS
PQ100	NGC5548	84	13.20	1415432	+252200	L 3	46609 L	00000	EO	92122913	133910	012000		461 V FESECK:161,FO;
PQ100	NGC5548	84	13.20	1415432	+252200	L 1	24617 L	00000	EO	92122915	155025	005500		451 V
AGFRM	NGC 5548	84	13.50	1415435	+252201	L 1	23279 L	262	SD	92061008	081900	003000		332 G E=112,C=76,B=35
AGNDC	NGC 5548	84	13.50	1415435	+252201	L 1	23450 L	349	SD	92070605	054800	006500		332 G E=138,C=90,B=39
MDCU	NGC 5548	84	13.20	1415435	+252201	L 1	24613 L	175	FO	92122817	174900	006000		4X3 G E=1.5X,C=182,B=41
AGFRM	NGC 5548	84	13.50	1415435	+252201	L 3	44906 L	259	SD	92061006	065100	008000		331 G E=121,C=60,B=25
AGFRM	NGC 5548	84	13.50	1415435	+252201	L 3	44917 L	295	SD	92061206	062300	014500		352 G E=227,C=117,B=38
AGNDC	NGC 5548	84	13.50	1415435	+252201	L 3	45083 L	345	SD	92070603	034600	011000		341 G E=159,C=61,B=27
MDCU	NGC 5548	84	13.50	1415435	+252201	L 3	46606 L	170	FO	92122819	190200	012000		352 G E=243,C=126,B=36
PQJJS	PG 1416-129	85	15.40	1416213	-125658	L 3	45019 L	0	EO	92062705	055400	041500		336 G E=173,C=110,B=80
PQJJS	SKY	07		1416233	-125559	L 1	23383 L	0		92062705	055700	003000		02 G B=32
AFNIS	HD 126661	40	5.390	1424077	+192703	L 1	23370 L	15993	FO	92062419	194400	001030		X01 G C=8X,B=25
AFNIS	HD 126661	40	5.390	1424077	+192703	L 3	45000 L	16358	FO	92062419	192300	000514		501 G C=200,B=23
AFNIS	HD 126661	40	5.390	1424077	+192703	L 3	45001 L	16488	FO	92062420	204100	000500		X00 G C=3X,B=20
USSBS	HD 127381	12	4.400	1429140	-501411	H 1	23566 L	502	FU	92072217	171800	000038		502 G C=224,B=40
USSBS	HD 127381	23	4.400	1429140	-501411	H 3	45218 L	506	FU	92072407	075000	000046		502 G C=208,B=32
DEOEC	V854 CEN	52	12.60	1431415	-392013	L 1	23584 L	417	SD	92072601	014700	042000		337 G E=182,C=130,B=90
DEOEC	V854 CEN	52	13.00	1431415	-392013	L 1	23610 L	0	EO	92080102	020600	008500		33 G E=77,B=45
DEOEC	V854 CEN	52	13.00	1431415	-392013	L 1	23611 L	0	EO	92080106	064300	032000		337 G E=119,C=106,B=82
RCCEW	V854 CEN	52	13.50	1431415	-392013	L 1	23833 L	0	EO	92090223	233600	043000		348 G E=231,C=125,B=97
DEOEC	V854 CEN	52	13.50	1431416	-392012	L 1	23324 L	0	EO	92061906	063000	038000		347 G E=188,C=150,B=82
DEOEC	V854 CEN	52	13.50	1431416	-392012	L 3	44920 L	0	EO	92061306	060200	040500		335 G E=125,C=87,B=61
GHOJD	22871019	16	13.25	1431420	-190820	L 1	23384 L	0	EO	92062713	134300	002200		504 G C=203,B=52
GHOJD	22871019	16	13.25	1431420	-190820	L 3	45020 L	212	SD	92062714	141700	001100		401 G C=157,B=22

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
TBOIS HD	128167	40	4.460	1432041	+295741	L 1	2374 L	398	FU	92062520	203400	000110	X02	G C=5X,B=37
TBOIS HD	128167	40	4.460	1432041	+295741	L 3	45009 L	408	FU	92062520	201900	000305	501	G C=196,B=23
PHCAL	WAWCAL	98		1433160	-392248	L 1	23612 S	0		92080113	130200	000001	?1	G E=10X,B=23
PHCAL	TFLOOD	99		1433160	-392248	L 1	23613 L	0		92080113	133600	000025	09	G B=103
PHCAL	WAWCAL	98		1433160	-392248	H 1	23614 S	0		92080114	140600	000016	32	G E=60X,B=39
PHCAL	WAWCAL	98		1433160	-392248	L 3	45260 S	0		92080114	142100	000002	?0	G E=10X,B=17
PHCAL	TFLOOD	99		1433160	-392248	L 3	45261 S	0		92080114	144800	000005	08	G B=100
PHCAL	WAWCAL	98		1433160	-392248	H 3	45262 S	0		92080115	151400	000159	32	G E=60X,B=33
QFCAP	1433+542	85	17.00	1433240	+541300	L 1	24362 L	0	EO	92112820	201800	028500	306	G C=105,B=71
PHCAL	SKY BACK	07		1433311	+541320	L 3	46359 L	0		92112820	202200	012000	241	G E=164,C=45,B=25
SUEG HD	128620	44		1435525	-603713	H 1	23663 L	0		92080808	080700	000100	X53	G E=205,C=2.5X,B=44
SUEG HD	128620	44		1435525	-603713	H 3	45302 L	17292	FU	92080806	065900	006000	X34	G E=110,C=3X,B=54
USSES HD	128620	44	0.100	1436112	-603748	H 1	23403 L	22272	FU	92062918	184500	000020	402	G C=183,B=33
HFCAP HD	128801	33	8.260	1436203	+080739	L 3	45161 L	1001	FO	92071712	120700	000417	500	G C=170,B=15
SUEG HD	129333	44	7.530	1437562	+643025	H 1	24548 L	2569	FO	92122107	072800	008000	333	G E=135,C=126,B=45
USSES HD	129056	23	2.300	1438355	-471029	H 1	23572 L	3027	FU	92072407	070300	000005	502	G C=210,B=40
USSES HD	129116	21	4.000	1438507	-373448	H 1	23457 L	673	FU	92070617	171500	000037	503	G C=245,B=42
USSES HD	129116	21	4.000	1438507	-373448	H 3	45090 L	656	FU	92070617	172700	000045	402	G C=184,B=36
QFCAP	1442+295	85	16.30	1442444	+293142	L 1	23362 L	0	EO	92062305	054400	041200	307	G C=136,B=90
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23439 L	873	FO	92070511	113300	001000	402	G C=137,B=33
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23440 L	908	FO	92070512	123400	001500	402	G C=165,B=34
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23441 L	905	FO	92070513	133100	001500	402	G C=175,B=38
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23442 L	900	FO	92070514	143200	001500	403	G C=182,B=48
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23443 L	897	FO	92070515	152700	001500	404	G C=199,B=55
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23444 L	911	FO	92070516	162100	001300	403	G C=180,B=41
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23445 L	903	FO	92070517	171400	001500	502	G C=204,B=36
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23446 L	938	FO	92070518	180400	001200	402	G C=177,B=33
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23535 L	950	FO	92072003	034600	001500	502	G C=201,B=34
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23536 L	993	FO	92072004	044700	001200	402	G C=179,B=34
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23537 L	987	FO	92072005	054300	001200	502	G C=198,B=34
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23538 L	1000	FO	92072006	064100	001200	502	G C=202,B=34
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23539 L	985	FO	92072007	073800	001200	502	G C=208,B=35
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23540 L	987	FO	92072008	083500	001100	502	G C=199,B=33
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23541 L	982	FO	92072009	093200	001100	502	G C=195,B=33
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23542 L	996	FO	92072010	102800	001000	502	G C=201,B=32
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23543 L	1071	FO	92072011	112600	001000	502	G C=198,B=33
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23544 L	1116	FO	92072012	121500	001000	502	G C=206,B=35
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23545 L	1139	FO	92072013	131200	001100	503	G C=235,B=41
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23546 L	1159	FO	92072013	135600	001000	503	G C=239,B=42
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23547 L	1206	FO	92072014	145300	000900	503	G C=222,B=42
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23548 L	1218	FO	92072015	153500	000800	502	G C=233,B=37
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23549 L	1285	FO	92072016	161800	000700	502	G C=209,B=34
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23550 L	1333	FO	92072016	165800	000700	502	G C=213,B=34
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23551 L	1353	FO	92072017	174000	000700	502	G C=213,B=34
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 1	23552 L	1348	FO	92072018	182400	000700	502	G C=224,B=33
CCOIT	V553 CEN	53	8.400	1443320	-315742	L 3	45193 L	976	FO	92072004	040800	023500	303	G C=95,B=49
DLOGM HD	132742	66	4.920	1458178	-081918	H 1	23733 L	12386	FO	92082110	101000	001400	503	G C=219,B=45
DLOGM HD	132742	66	4.920	1458178	-081918	H 1	23734 L	14610	FO	92082111	112800	001030	503	G C=217,B=45
DLOGM HD	132742	66	4.920	1458178	-081918	H 1	23735 L	17886	FO	92082112	124200	000830	503	G C=239,B=46
DLOGM HD	132742	66	4.920	1458178	-081918	H 1	23736 L	20731	FO	92082113	135200	000700	503	G C=249,B=47

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsstt	ECC	Comment
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23737	L	22526	FO	92082115	150300	000630	503 G C=240,B=42
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23738	L	24046	FO	92082116	161500	000630	X03 G C=1.5X,B=41
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23743	L	24890	FO	92082210	100700	000530	502 G C=191,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23744	L	23771	FO	92082211	110200	000600	503 G C=223,B=45
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23745	L	23934	FO	92082212	121200	000600	503 G C=231,B=45
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23746	L	23690	FO	92082213	132200	000600	503 G C=223,B=45
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23747	L	23009	FO	92082214	143000	000600	503 G C=231,B=45
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23748	L	23773	FO	92082215	154100	000600	502 G C=232,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23751	L	24041	FO	92082309	094200	000600	503 G C=222,B=43
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23752	L	24137	FO	92082310	103700	000600	503 G C=228,B=45
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23753	L	23435	FO	92082311	114800	000620	503 G C=243,B=47
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23754	L	23000	FO	92082312	125900	000630	503 G C=244,B=45
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23755	L	21059	FO	92082314	140600	000830	X03 G C=1.5X,B=45
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23756	L	15537	FO	92082315	155900	001300	X03 G C=1.5X,B=47
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23759	L	25902	FO	92082409	095200	000600	503 G C=201,B=43
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23760	L	25903	FO	92082410	104400	000600	503 G C=206,B=47
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23761	L	24543	FO	92082411	115200	000600	504 G C=239,B=60
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23762	L	24045	FO	92082413	130800	000600	504 G C=246,B=60
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23763	L	23401	FO	92082414	141900	000600	503 G C=244,B=47
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23764	L	23188	FO	92082415	152900	000600	503 G C=244,B=44
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23765	L	23384	FO	92082509	094800	000600	503 G C=231,B=42
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23766	L	23371	FO	92082511	112500	000600	504 G C=239,B=52
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23767	L	23308	FO	92082512	123700	000600	X04 G C=1.5X,B=60
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23768	L	22660	FO	92082513	135700	000600	503 G C=242,B=46
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23769	L	22385	FO	92082515	151200	000600	502 G C=240,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23770	L	22485	FO	92082516	162400	000600	502 G C=240,B=39
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23776	L	24112	FO	92082609	095700	000600	502 G C=228,B=39
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23777	L	23811	FO	92082611	111800	000600	503 G C=233,B=43
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23778	L	23397	FO	92082612	124700	000600	503 G C=245,B=46
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23779	L	22957	FO	92082614	140700	000530	502 G C=226,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23780	L	22405	FO	92082615	152800	000600	502 G C=242,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23784	L	24960	FO	92082710	101100	000600	503 G C=198,B=42
PLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23785	L	24577	FO	92082712	123000	000600	504 G C=235,B=55
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23786	L	24636	FO	92082714	140600	000530	503 G C=223,B=41
DLOGM HD	132742	66	4.920	14581.78	-081918	H 1	23787	L	23901	FO	92082715	154200	000600	502 G C=235,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45390	L	12700	FO	92082109	093800	002200	402 G C=165,B=36
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45391	L	13249	FO	92082110	104900	001800	402 G C=169,B=35
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45392	L	16431	FO	92082112	120200	001400	402 G C=185,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45393	L	19726	FO	92082113	131400	001230	502 G C=211,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45394	L	22259	FO	92082114	142700	001100	502 G C=219,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45395	L	23190	FO	92082115	153600	001030	502 G C=213,B=37
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45398	L	24738	FO	92082210	102300	001000	502 G C=193,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45399	L	23965	FO	92082211	113600	001030	502 G C=207,B=37
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45400	L	23913	FO	92082212	124500	001100	502 G C=232,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45401	L	23311	FO	92082213	135400	001100	502 G C=209,B=39
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45402	L	23180	FO	92082215	150500	001100	502 G C=216,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45403	L	23013	FO	92082216	161400	001100	502 G C=220,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45408	L	24005	FO	92082309	095700	001100	502 G C=230,B=40
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45409	L	23548	FO	92082311	111100	001100	502 G C=229,B=39
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45410	L	23487	FO	92082312	122100	001130	503 G C=226,B=41

FPO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45411 L	22509	FO	92082313	133200	001330	503 G	C=240,B=42
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45412 L	20082	FO	92082314	143800	001800	X03 G	C=1.5X,B=44
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45413 L	17842	FO	92082315	152800	002100	503 G	C=251,B=42
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45414 L	14089	FO	92082316	162900	002000	502 G	C=204,B=38
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45419 L	26084	FO	92082410	100800	001100	503 G	C=252,B=41
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45420 L	25556	FO	92082411	111600	001100	503 G	C=249,B=49
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45421 L	24506	FO	92082412	123100	001100	505 G	C=247,B=66
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45422 L	23723	FO	92082413	134200	001100	503 G	C=226,B=48
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45423 L	23534	FO	92082414	145200	001100	503 G	C=233,B=41
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45424 L	23132	FO	92082416	161000	001100	502 G	C=217,B=39
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45427 L	23457	FO	92082509	093000	001100	502 G	C=217,B=38
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45428 L	24358	FO	92082510	104900	001100	503 G	C=220,B=41
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45429 L	23391	FO	92082511	115900	001100	504 G	C=240,B=57
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45430 L	23139	FO	92082513	131900	001100	504 G	C=232,B=52
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45431 L	22924	FO	92082514	143300	001100	502 G	C=217,B=39
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45432 L	22466	FO	92082515	154500	001100	502 G	C=215,B=36
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45439 L	24022	FO	92082609	093700	001100	502 G	C=204,B=33
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45440 L	23764	FO	92082610	103800	001100	502 G	C=207,B=36
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45441 L	23677	FO	92082612	120500	001100	503 G	C=217,B=42
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45442 L	23161	FO	92082613	132500	001100	503 G	C=219,B=41
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45443 L	22961	FO	92082614	144700	001100	502 G	C=217,B=37
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45444 L	22465	FO	92082616	160700	001100	502 G	C=207,B=36
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45448 L	25064	FO	92082709	095000	001100	502 G	C=192,B=37
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45449 L	24911	FO	92082711	112300	001100	503 G	C=215,B=45
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45450 L	24773	FO	92082713	132000	001000	503 G	C=207,B=42
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45451 L	24096	FO	92082714	145100	001100	502 G	C=214,B=34
DLOGM HD	132742	66	4.920	14581.78	-081918	H 3	45452 L	23687	FO	92082716	162700	001100	502 G	C=214,B=36
FQ057 MN 841	841	84	15.00	1501.362	+103756	L 3	45252 L	00000	BO	92073018	184559	012000	350 V	FESBCK:302,SO;
FQ057 MN 841	841	84	15.00	1501.363	+103757	L 3	45138 L	00000	BO	92071421	210636	011500	350 V	FESBCK:295,SO;
FQ057 MN 841	841	84	15.00	1501.363	+103757	L 1	23502 L	00000	BO	92071420	200154	006000	431 V	FESBCK:295,50
FC133 FQ05841	841	84	15.00	1501.363	+103757	L 3	45221 L	00000	BO	92072418	182147	011500	330 V	FESBCK:358,SO;
FQ057 MN 841	841	84	15.00	1501.363	+103757	L 1	23579 L	00000	BO	92072420	202237	006000	300 V	FESBCK:358,SO;
FQ057 MN 841	841	84	15.00	1501.363	+103757	L 1	23605 L	00000	BO	92073020	205223	006000	340 V	
FQ057 MN 841	841	84	15.00	1501.363	+103757	L 3	45281 L	00000	BO	92080417	175222	012000	350 V	FESBCK:275,SO;
FQ057 MN 841	841	84	15.00	1501.363	+103757	L 1	23634 L	00000	BO	92080419	195546	003000	331 V	FESBCK:275,SO;
USBS HD	133955	21	4.050	1505280	-450517	H 1	23404 L	583	FU	92062919	193500	000040	502 G	C=230,B=39
USBS HD	133955	21	4.050	1505280	-450517	H 3	45037 L	579	FU	92062919	194000	000050	502 G	C=204,B=40
USBS HD	134505	45	3.400	1508402	-515438	L 3	45217 L	872	FU	92072402	020400	020000	533 G	E=73,C=203,B=44
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45691 L	22584	FO	92092008	085200	000200	502 G	C=229,B=37
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45692 L	22790	FO	92092009	092400	000200	502 G	C=232,B=39
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45695 L	22638	FO	92092011	113900	000200	502 G	C=222,B=39
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45696 L	23229	FO	92092012	120900	000200	503 G	C=224,B=41
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45699 L	21268	FO	92092014	140700	000200	502 G	C=215,B=36
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45700 L	21158	FO	92092014	143400	000200	502 G	C=215,B=36
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45706 L	22742	FO	92092023	232600	000200	502 G	C=222,B=39
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45707 L	22238	FO	92092023	235800	000200	502 G	C=228,B=38
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45713 L	22613	FO	92092105	052000	000200	502 G	C=220,B=37
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45714 L	22839	FO	92092105	055100	000200	502 G	C=222,B=39
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45717 L	22427	FO	92092107	075800	000200	502 G	C=225,B=37
CBORK HD	135240	12	5.090	1512529	-604624	H 3	45718 L	22950	FO	92092108	083000	000200	502 G	C=226,B=38

FFO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsst	ECC	Comment
CBCFK HD	135240	12	5.090	1512529	-604624	H 3	45721 L	22438	FO	92092110	103700	000200	502 G	C=231,B=39
CBCFK HD	135240	12	5.090	1512529	-604624	H 3	45722 L	22848	FO	92092111	111000	000200	502 G	C=228,B=39
CBCFK HD	135240	12	5.090	1512529	-604624	H 3	45725 L	22410	FO	92092113	131400	000200	502 G	C=228,B=37
CBCFK HD	135240	12	5.090	1512529	-604624	H 3	45726 L	22770	FO	92092113	135000	000200	502 G	C=230,B=39
PC062 HD	135240	12	05.25	1512530	-604625	H 3	45679 L	22100	FO	92091915	153839	000200	500 V	FESBCK:475, SO
PT063 HD	135240	12	05.25	1512530	-604625	H 3	45682 L	21993	FO	92091918	183153	000200	500 V	FESBCK:400, SO
PT063 HD	135240	12	05.22	1512530	-604625	H 3	45685 L	22421	FO	92091921	210749	000200	500 V	FESBCK:97, FO;
PT063 HD	135240	12	05.34	1512530	-604625	H 3	45703 L	20869	FO	92092021	211130	000200	500 V	FESBCK:409, SO;
PT063 HD	135240	12	05.25	1512530	-604625	H 3	45728 L	22018	FO	92092115	153727	000200	500 V	FESBCK:416, SO;
PT063 HD	135240	12	05.28	1512530	-604625	H 3	45730 L	21669	FO	92092117	172439	000200	500 V	FESBCK:461, SO;
PT063 HD	135240	12	05.28	1512530	-604625	H 3	45732 L	21631	FO	92092118	185318	000200	500 V	FESBCK:461, SO;
PT063 HD	135240	12	05.27	1512530	-604625	H 3	45734 L	21832	FO	92092120	205146	000200	500 V	FESBCK:461, SO;
PT063 HD	135240	12	05.26	1512530	-604625	H 3	45736 L	21921	FO	92092122	222729	000200	500 V	FESBCK:461, SO;
PT063 HD	135240	12	05.27	1512530	-604625	H 3	45745 L	21779	FO	92092219	195984	000200	500 V	FESBCK:425, SO;
PT063 HD	135240	12	05.28	1512530	-604625	H 3	45747 L	21702	FO	92092221	213049	000200	500 V	FESBCK:425, SO;
PT063 HD	135240	12	05.28	1512530	-604625	H 3	45749 L	21677	FO	92092222	225419	000200	500 V	FESBCK:425, SO;
PC085 HD	135240	12	05.32	1512530	-604625	H 3	45793 L	21169	FO	92092820	205754	000200	500 V	
CD23Z	U CRB	66	7.600	1516088	+314944	H 1	23654 L	2389	FO	92080614	141200	003200	405 G	C=199,B=65
CD23Z	U CRB	66	7.600	1516088	+314944	H 1	23655 L	2374	FO	92080615	154600	004000	503 G	C=211,B=49
CD23Z	U CRB	66	7.600	1516088	+314944	H 3	45296 L	2456	FO	92080613	131800	004500	404 G	C=183,B=55
CD23Z	U CRB	66	7.600	1516088	+314944	H 3	45297 L	2375	FO	92080614	145200	004500	403 G	C=167,B=42
IFRCR FG	1522+101	85	15.90	1520600	+100902	L 1	23712 L	0	EO	92081801	014900	041000	407 G	C=192,B=88
IFRCR FG	1522+101	85	15.90	1521599	+100902	L 3	45361 L	0	EO	92081701	015700	041500	305 G	C=138,B=64
PAL36 HS	1522+661	16	16.40	1522200	+661517	L 3	45342 L	00000	EO	92081418	181327	015000	500 V	FESBCK: 331, SO;
AFNIS HD	137909	40	3.680	1525459	+291637	L 1	23369 L	743	FU	92062416	165200	000215	X01 G	C=8X,B=24
AFNIS HD	137909	40	3.680	1525459	+291637	L 3	44998 L	747	FU	92062417	170900	000058	500 G	C=210,B=18
HBCAP HD	139961	38	8.870	1539253	-444704	L 1	23523 L	879	FO	92071718	182900	000343	502 G	C=191,B=31
HBCAP HD	139961	38	8.870	1539253	-444705	L 3	45165 L	877	FO	92071718	181400	001031	400 G	C=140,B=15
QFCAP	1542+541	85	16.70	1542419	+540826	L 3	45004 L	0	EO	92062506	060600	040000	305 G	C=114,B=61
PHCAL ED	+33 2642	20	10.83	1550019	+330528	L 1	23288 L	192	FO	92061119	194400	000310	502 G	C=223,B=31
PHCAL ED	+33 2642	20	10.83	1550019	+330528	L 1	23477 L	222	FO	92071011	115800	000310	502 G	C=220,B=33
PHCAL ED	+33 2642	20	10.83	1550019	+330528	L 1	23628 L	231	FO	92080315	151300	000310	502 G	C=229,B=34
PHCAL ED	+33 2642	20	10.83	1550019	+330528	L 1	23855 L	250	FO	92090600	000800	000310	502 G	C=185,B=31
PHCAL ED	+33 2642	20	10.83	1550019	+330528	L 2	18675 L	201	FO	92061218	185900	000420	401 G	C=171,B=23
PHCAL ED	+33 2642	20	10.83	1550019	+330528	L 3	44915 L	196	FO	92061119	195600	000400	500 G	C=182,B=15
PHCAL ED	+33 2642	20	10.83	1550019	+330528	L 3	45109 L	221	FO	92071012	120600	000400	500 G	C=187,B=16
PHCAL ED	+33 2642	20	10.83	1550019	+330528	L 3	45272 L	225	FO	92080315	152300	000400	50 G	E=193,B=15
PHCAL ED	+33 2642	20	10.83	1550019	+330528	H 3	45533 L	248	FO	92090600	001800	034800	709 G	C=1.5x,B=121
PHCAL ED	+33 2642	20	10.83	1550019	+330528	L 3	45534 L	231	FO	92090606	063900	000400	500 G	C=175,B=18
PHCAL HD	00142669	20	3.860	1553475	-290411	H 1	23570 L	751	FU	92072316	165800	000020	402 G	C=182,B=39
PHCAL HD	142669	20	3.860	1553475	-290411	H 1	23633 L	776	FU	92080415	152200	000022	503 G	C=205,B=41
PHCAL HD	00142669	20	3.860	1553475	-290411	H 3	45215 L	752	FU	92072317	170400	000030	502 G	C=198,B=32
NA201 HD	142926	26	06.05	1553495	+424238	H 3	44981 L	12672	FO	92062223	234355	002000	600 V	
NA201 HD	142926	26	06.08	1553495	+424238	H 1	23359 L	12294	FO	92062300	001844	001200	600 V	
USSBS HD	142860	41	3.850	1554084	+154924	H 1	23474 L	667	FU	92070918	184400	000440	502 G	C=224,B=37
AFNIS HD	143466	40	4.950	1556360	+545325	L 1	23371 L	22640	FO	92062513	133300	000732	X01 G	C=8X,B=28
AFNIS HD	143466	40	4.950	1556360	+545325	L 3	45005 L	22657	FO	92062514	140000	000311	501 G	C=176,B=24
SFOJE HD	144205	49	5.700	1601080	+472236	L 1	23265 L	14372	FO	92060617	172400	003000	G	
SFOJE HD	144205	49	5.700	1601080	+472236	L 1	23295 L	14977	FO	92061319	191200	003000	232 G	E=110,C=54,B=37
SFOJE HD	144205	49	5.700	1601080	+472236	L 1	23337 L	14458	FO	92062018	183400	003000	232 G	E=109,C=55,B=36

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Expt.im	mmmsstt	ECC	Comment
SFOJE HD	144205	49	5.700	1601080	+472236	L 1	23393 L	14731	FO	92062817	171900	003000	332 G	E=126,C=60,B=39
SFOJE HD	144205	49	5.700	1601080	+472236	L 1	23437 L	14691	FO	92070417	175100	003000	232 G	E=112,C=58,B=38
SFOJE HD	144205	49	5.700	1601080	+472235	L 1	23495 L	14681	FO	92071317	174200	003000	232 G	E=116,C=55,B=37
SFOJE HD	144205	49	5.700	1601080	+472236	L 1	23532 L	15764	FO	92071816	162900	003000	333 G	E=136,C=65,B=42
SFOJE HD	144205	49	5.700	1601080	+472236	L 1	23621 L	14225	FO	92080216	160700	002000	232 G	E=84,C=50,B=36
IFCRS AG DRAC		57	9.800	1601230	+665625	H 1	23468 L	426	FO	92070813	134200	003000	304 G	C=90,B=55
IFCRS AG DRACO		57	9.800	1601230	+665625	L 1	23909 L	468	FO	92091210	103400	002000	332 G	E=81,C=70,B=32
IFCRS AG DPA		57	9.800	1601230	+665625	H 1	24047 L	465	FO	92100205	054700	004500	332 G	E=96,C=69,B=40
IFCRS AG DPA		57	9.800	1601230	+665625	H 1	24400 L	517	FO	92120319	192300	007500	343 G	E=180,C=91,B=45
IFCRS AG DRAC		57	9.800	1601230	+665625	H 3	45100 L	424	FO	92070814	142200	003000	343 G	E=154,C=69,B=44
IFCRS AG DRACO		57	9.800	1601230	+665625	H 3	45612 L	463	FO	92091210	104600	002000	243 G	E=148,C=60,B=44
IFCRS AG DPA		57	9.800	1601230	+665625	H 3	45824 L	464	FO	92100206	064100	003000	51 G	E=181,B=25
IFCRS AG DPA		57	9.800	1601230	+665625	H 3	46399 L	518	FO	92120321	211100	009000	3x2 G	E=3x,C=64,B=32
PFOCG HD	144668	34	7.000	1605128	-385823	L 1	23894 L	4821	FO	92091012	120300	000200	X02 G	C=1.5x,B=32
PFOCG HD	144668	34	7.000	1605128	-385823	H 1	23895 L	4694	FO	92091012	125500	008000	403 G	C=170,B=49
PFOCG HD	144668	34	7.000	1605128	-385823	L 3	45591 L	4683	FO	92091012	121400	001000	500 G	C=225,B=17
PFOCG HD	144668	34	7.100	1605128	-385823	L 3	45592 L	4366	FO	92091014	142100	002900	X30 G	E=84,C=3x,B=20
PT024 SAO 101951		45	05.39	1605490	+171044	L 1	23848 L	20226	FO	92090421	211646	000300	703 V	FESECK:405,SO;
PT024 HD 145000		45	06.77	1605494	+171112	L 1	23846 L	06988	FO	92090418	183642	000300	302 V	FESECK:405,SP;
PT024 HD 145000		45	06.71	1605494	+171112	L 3	45521 L	07351	FO	92090417	175913	009000	110 V	FESECK:405,SO; 3 EXP
PT024 HD 145000		45	05.12	1605494	+171112	L 1	23847 L	23771	FO	92090419	195524	000700	401 V	FESECK:405,SO;
MWJUL HD 166181		44	7.660	1606204	+294056	H 1	23976 L	2269	FO	92092003	034600	003000	331 G	E=98,C=75,B=29
PNOSH IC4593		70	10.60	1609233	+121208	L 1	23316 L	181	FO	92061718	185400	000500	X02 G	C=1.5x,B=34
PNOSH IC4593		70	10.60	1609233	+121208	L 3	44945 L	181	FO	92061718	184300	000400	500 G	C=236,B=16
PNOSH IC4593		70	10.60	1609233	+121208	L 3	44946 L	183	FO	92061719	193800	000330	500 G	C=223,B=15
PNOSH IC4593		70	10.60	1609233	+121208	L 3	44947 L	185	FO	92061720	204000	000330	500 G	C=218,B=15
PHCAL 18 SCO		44	05.91	1612546	-081440	L 1	23952 L	14107	FO	92091616	160456	000030	501 V	FESECK: 122,FO;
PHCAL 18 SCO		44	05.89	1612546	-081440	L 1	23953 L	14324	FO	92091616	164246	000045	601 V	FESECK: 122,FO;
PHCAL 18SCO		44	05.89	1612546	-081440	L 1	23954 L	14226	FO	92091617	171421	000100	701 V	FESECK: 122,FO;
PHCAL 18 SCO		44	05.89	1612546	-081440	L 1	23955 L	14325	FO	92091617	175038	000200	801 V	FESECK: 122,FO;
PHCAL 18 SCO		44	05.89	1612546	-081440	L 1	23956 L	14322	FO	92091618	182332	000030	501 V	FESECK: 122,FO;
PHCAL 18 SCO		44	05.88	1612546	-081440	L 1	23957 L	14331	FO	92091618	185449	000045	601 V	FESECK: 122,FO;
SFOGC HD 147165		23	2.890	1618090	-252829	L 1	23843 L	1842	FU	92090410	101700	000000	G	C=1.5x
SFOGC HD 147165		23	2.890	1618090	-252829	L 1	23843 S	1822	FU	92090410	104000	000000	302 G	C=123,B=32
SFOGC HD 147165		23	2.890	1618090	-252829	L 3	45517 L	1836	FU	92090410	101200	000000	5?0 G	E=-165,C=244,B=15
SFOGC HD 147165		23	2.890	1618090	-252829	L 3	45517 S	1855	FU	92090410	103500	000000	300 G	C=52,B=15
AHOMS HD 148478		49	0.960	1626200	-261911	H 1	23574 L	10172	FU	92072413	130400	000230	553 G	E=204,C=230,B=50
AHOMS HD 148478		49	0.960	1626200	-261911	L 1	23575 L	10388	FU	92072413	135400	000002	X02 G	C=1.5x,B=31
AHOMS HD 148478		49	0.960	1626200	-261911	L 1	23578 L	10167	FU	92072417	170000	000001	502 G	C=210,B=32
AHOMS HD 148478		49	0.960	1626200	-261911	L 1	23828 L	9435	FU	92090211	115600	000002	552 G	E=210,C=196,B=31
AHOMS HD 148478		49	0.960	1626200	-261911	H 1	23829 L	9391	FU	92090212	123900	000230	542 G	E=185,C=221,B=39
AHOMS HD 148478		49	0.960	1626200	-261911	L 1	23916 L	8999	FU	92091312	120700	000002	441 G	E=180,C=170,B=30
AHOMS HD 148478		49	0.960	1626200	-261911	L 1	23917 L	9093	FU	92091312	124300	000230	544 G	E=197,C=220,B=52
SFOJE HD 148783		49	4.300	1626590	+415930	L 1	23266 L	540	FU	92080620	203800	000500	3x2 G	E=1.5x,C=75,B=34
SFOJE HD 148783		49	5.040	1626590	+415930	L 1	23294 L	484	FU	92061318	181400	000500	3x2 G	E=1.5x,C=61,B=34
SFOJE HD 148783		49	5.040	1626590	+415930	L 1	23336 L	464	FU	92062017	174100	000400	2x2 G	E=1.5x,C=50,B=32
SFOJE HD 148783		49	5.040	1626590	+415930	L 1	23394 L	458	FU	92062818	183400	000400	352 G	E=253,C=55,B=33
SFOJE HD 148783		49	5.000	1626590	+415930	L 1	23436 L	494	FU	92070417	170300	000300	352 G	E=219,C=55,B=34
SFOJE HD 148783		49	5.040	1626590	+415930	L 1	23494 L	551	FU	92071316	165600	000300	352 G	E=193,C=55,B=33
SFOJE HD 148783		49	5.040	1626590	+415930	L 1	23531 L	552	FO	92071815	154300	000300	242 G	E=165,C=50,B=33

FPO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	numms	stt	ECC	Comment
SFOJE HD	148783	49	5.040	1626590	+415930	L 1	23589 L	619	FU	92072616	164900	000300		352 G	E=209,C=60,B=32
SFOJE HD	148783	49	5.040	1626590	+415930	L 1	23620 L	665	FU	92080215	151100	000300		352 G	E=204,C=55,B=31
USSBS HD	148743	33	6.400	1627481	-072426	H 1	23460 L	6911	FO	92070704	041500	014000		504 G	C=220,B=54
COOIT RT TRA		53	9.800	1629540	-630200	L 1	23990 L	506	FO	92092400	001400	003000		502 G	C=229,B=36
COOIT RT TRA		53	9.800	1629540	-630200	L 1	23991 L	523	FO	92092401	011900	002500		502 G	C=203,B=36
COOIT RT TRA		53	9.800	1629540	-630200	L 1	23992 L	536	FO	92092402	021700	003000		502 G	C=240,B=38
COOIT RT TRA		53	9.800	1629540	-630200	L 1	24013 L	376	FO	92092709	095800	002500		303 G	C=120,B=43
PHCAL TAU SCO		20	2.840	1632459	-280651	H 1	23461 L	1974	FU	92070707	074200	000006		403 G	C=184,B=41
PHCAL HD 00149438		20	2.840	1632459	-280651	H 1	23630 L	1976	FU	92080400	002200	000006		502 G	C=201,B=40
PHCAL HD 00149438		20	2.840	1632459	-280651	H 1	23856 L	2000	FU	92090607	073700	000006		502 G	C=210,B=40
PHCAL TAU SCO		20	2.840	1632459	-280651	H 3	45091 L	1965	FU	92070707	074800	000006		502 G	C=191,B=33
PHCAL HD 00149438		20	2.800	1632459	-280651	H 3	45277 L	1964	FU	92080411	115400	000006		502 G	C=216,B=32
PHCAL HD 00149438		20	2.840	1632459	-280651	H 3	45535 L	1981	FU	92090607	073400	000006		501 G	C=184,B=30
PHCAL HD 149757		12	2.540	1634241	-102803	H 1	23462 L	2178	FU	92070708	085900	000009		402 G	C=175,B=38
PHCAL HD 00149757		12	2.540	1634241	-102803	H 3	45092 L	2191	FU	92070709	090500	000019		502 G	C=189,B=33
NI031 AS210		57	13.13	1648155	-255524	L 1	23602 L	00097	SO	92072923	230851	004000		360 V	FESBCK:140,SO;
NI031 AS210		57	13.10	1648155	-255524	L 3	45248 L	00100	SO	92072923	235401	005500		270 V	FESBCK:128,SO;
NI031 AS210		57	13.20	1648156	-255524	H 3	45247 L	00091	SO	92072922	222713	003000		040 V	FESBCK:138,SO;
USSBS HD 151985		20	3.570	1648566	-375603	H 1	23464 L	999	FU	92070712	121100	000024		503 G	C=218,B=47
USSBS HD 151985		20	3.570	1648566	-375603	H 3	45094 L	1032	FU	92070712	124500	000030		503 G	C=237,B=42
COOMA COMET P/		06		1649276	+410518	L 1	24246 L	275	FO	92110301	015800	001000		43 G	E=155,B=50
NAC24 HD 152147		13	07.63	1649571	-420221	H 3	45157 L	03286	FO	92071622	220306	008000		400 V	FESBCK: 34,SO;
PAL36 HSL650+722		37	17.00	1650036	+722915	L 3	45343 L	00000	FO	92081421	213983	012800		300 V	FESBCK:317,SO;
CBODG HD 152218		12	7.640	1650293	-413800	H 3	45463 L	2667	FO	92082909	093000	006000		402 G	C=184,B=40
CBODG HD 152218		12	7.640	1650293	-413800	H 3	45500 L	2774	FO	92090123	234900	007000		503 G	C=209,B=46
CBODG HD 152218		12	7.640	1650293	-413801	H 3	45523 L	2758	FO	92090423	234600	006500		503 G	C=204,B=44
CBODG HD 152248		15	6.140	1650390	-414439	H 3	45464 S	9829	FO	92082911	110300	001800		402 G	C=173,B=35
CBODG HD 152248		15	6.140	1650390	-414439	H 3	45501 S	10301	FO	92090201	013500	002200		402 G	C=150,B=32
CBODG HD 152248		15	6.140	1650390	-414439	H 3	45524 S	10212	FO	92090501	013200	002000		502 G	C=198,B=37
PAL45 HD152270		10	06.99	1650485	-414419	H 1	23560 L	05764	FO	92072119	194628	001500		502 V	FESBCK:NOT MEASURABL
PAL45 HD152270		10	06.89	1650486	-414420	H 1	23488 L	06262	FO	92071301	013930	001500		551 V	
PAL45 HD152270		10	06.60	1650486	-414420	H 3	45124 L	00000	FO	92071302	020450	002000		451 V	
PAL45 HD152270		10	06.97	1650486	-414420	H 3	45203 L	05845	FO	92072120	201239	002000		540 V	FESBCK:NOT MEASURABL
SACOW HD 153751		45	4.230	1651009	+820721	L 1	23580 L	472	FU	92072512	124400	000134		504 G	C=210,B=52
SACOW HD 153751		45	4.230	1651009	+820721	L 1	23580 S	469	FU	92072512	125600	000400		X04 G	C=5X,B=52
SSOEL FS SCO		43	6.200	1652017	-450129	L 3	45093 L	11133	FO	92070711	110900	004000		00 G	B=14
BLOGM MNE01		87	14.00	1652118	+395025	L 1	23775 L	102	FO	92082605	055800	006000		303 G	C=95,B=41
BLOGM MNE01		87		1652118	+395025	L 3	45438 L	103	FO	92082607	070400	010700		301 G	C=67,B=26
COOEF C/SWIFT-		06		1654535	+400344	L 1	24256 L	360	FO	92110321	214400	001000		42 G	E=188,B=39
COOEF C/SWIFT-		06		1654535	+400344	L 1	24257 L	0		92110404	041200	012000		3X5 G	E=8X,C=150,B=62
COOEF C/SWIFT-		06		1654535	+400344	L 1	24258 L	385	FO	92110409	094300	001000		252 G	E=198,C=50,B=34
COOEF C/SWIFT-		06		1654535	+400344	L 3	46126 L	353	FO	92110320	204200	018000		32 G	E=82,B=39
COOEF C/SWIFT-		06		1654535	+400344	L 3	46127 L	388	FO	92110409	093000	000500		40 G	E=145,B=12
FNCLA IC 4634		70	10.90	1658339	-214511	H 3	45142 L	340	SO	92071503	035000	042000		338 G	E=178,C=192,B=96
NOOSS N SCO 92		55	8.300	1703426	-431126	L 1	23505 S	1797	FO	92071511	113900	001000		442 G	E=183,C=144,B=35
NOOSS N SCO 92		55	8.300	1703427	-431126	L 1	23505 L	1791	FO	92071511	112900	000100		332 G	E=88,C=75,B=35
NOOSS N SCO 92		55	8.500	1703427	-431126	L 1	23506 L	1821	FO	92071513	131400	000400		452 G	E=206,C=177,B=38
NOOSS N SCO 92		55	8.300	1703427	-431126	L 3	45143 L	1795	FO	92071512	122900	000500		01 G	B=23
NOOSS N SCO 92		55	8.300	1703427	-431126	L 3	45143 S	1814	FO	92071512	124600	002000		01 G	B=23
FO025 HD 327025		47	10.79	1705264	-425232	L 3	45513 L	00197	FO	92090321	214222	006500		110 V	FESBCK:400,SO;

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
NQ024	HD 154811	13	07.36	1706095	-465807	H 3	45156 L	04155	FO	92071619	195314	006000		400 V
PHCAL	HD 00155763	25	3.170	1708382	+654633	H 1	23581 L	1305	FU	92072513	135600	000025		402 G C=190,B=40
PHCAL	HD 00155763	25	3.170	1708382	+654633	H 3	45224 L	1305	FU	92072513	135000	000045		402 G C=185,B=35
PHCAL	HD 00155763	25	3.170	1708382	+654633	L 3	45225 L	1324	FU	92072514	143800	000000		300 G C=95,B=15
PHCAL	HD 00155763	25	3.170	1708382	+654634	L 3	45236 L	1310	FU	92072717	170200	000001		500 G C=180,B=11
PHCAL	HD 00155763	25	3.170	1708382	+654634	H 3	45279 L	1286	FU	92080414	142800	000047		502 G C=195,B=35
EC025	HD155406	47	08.96	1709456	-432242	L 1	23839 L	01003	FO	92090320	200559	000030		110 V FESECK:419,SO;
EC025	HD155406	47	08.95	1709456	-432242	L 3	45512 L	01013	FO	92090319	193003	006000		110 V FESECK:419,SO;SEGMENT
EC025	HD155406	47	08.96	1709457	-432243	L 1	23840 L	01004	FO	92090320	205102	003000		341 V FESECK:419,SO;
NE076	HD 155603B	11	99.99	1710590	-394220	L 3	45274 L	00000		92080318	180249	002500		350 V FESECK:216,SO;
NE076	HD 155603B	11	93.00	1710590	-394220	L 1	23629 L	00000	BO	92080318	183622	001000		451 V FESECK:216,SO;
NE076	HD 155603B	11	01.00	1710590	-394220	H 3	45275 L	00000	BO	92080319	192830	026000		231 V FESECK:216,SO;
PI054	V795HER	66	13.00	1711056	+333449	L 3	45348 L	00000	BO	92081518	182945	006000		400 V MULTIPLE (2)
PI054	V795 HER	66	13.00	1711056	+333449	L 3	45349 L	00000	BO	92081520	200302	006000		400 V MULTIPLE (2)
PI054	V795 HER	66	13.00	1711056	+333449	L 3	45350 L	00000	BO	92081521	213918	006000		400 V MULTIPLE (2)
PI054	V795 HER	66	13.00	1711056	+333449	L 3	45351 L	00000	BO	92081523	232943	007000		500 V MULTIPLE (2)
PI054	V795 HER	66	13.00	1711057	+333446	L 3	45336 L	00000	BO	92081322	223315	000000		500 V MULTIPLE (2)
VACPS	V795 HER	63	13.00	1711057	+333446	L 3	45854 L	117	FO	92100610	103500	003000		302 G C=131,B=35
PI054	V795 HER	66	13.00	1711057	+333446	L 3	45333 L	00000	BO	92081317	175553	003000		400 V FESECK: 424; SO;
VACPS	V795 HER	63	13.00	1711057	+333446	L 3	45897 L	0	BO	92100810	105400	002000		330 G E=81,C=80,B=16
PI054	V795 HER	66	13.00	1711057	+333446	L 1	23694 L	00000	BO	92081318	183009	003000		600 V FESECK: 424; SO;
PI054	V795 HER	66	13.00	1711057	+333446	L 3	45334 L	00000	BO	92081319	190714	006000		500 V MULTIPLE (2)
PI054	V795 HER	66	13.00	1711057	+333446	L 3	45335 L	00000	BO	92081320	204750	000000		400 V MULTIPLE (2)
PI054	V 795 HER	66	13.00	1711057	+333446	L 1	23695 L	00000	BO	92081321	215743	002000		500 V FESECK:424,SO;
PI054	V 795 HER	66	13.00	1711057	+333450	L 3	45363 L	00000	BO	92081717	175933	006000		500 V FESECK:486,SO; FPI=>
PI054	V 795 HER	66	13.00	1711057	+333450	L 3	45364 L	00000	BO	92081719	193306	006000		500 V FESECK:486,SO; FPI=>
PI054	V 795 HER	66	13.00	1711057	+333450	L 1	23710 L	00000	BO	92081720	204637	002500		600 V FESECK:486,SO;
PI054	V 795 HER	66	13.00	1711057	+333450	L 3	45365 L	00000	BO	92081721	212414	006000		500 V FESECK:486,SO; FPI=>
PI054	V 795 HER	66	13.00	1711057	+333450	L 3	45366 L	00000	BO	92081723	230423	007000		500 V FESECK:486,SO; FPI=>
PI054	V 795 HER	66	13.00	1711057	+333450	L 1	23711 L	00000	BO	92081800	002658	002200		500 V FESECK:486,SO;
PE150	NQ06340	80	99.99	1711161	+722149	S 9	02567 2	00000		92080718	185000	014000		V FES FOR ILEEPA / TAR
PE150	NQ06340	80	11.80	1711161	+722149	L 1	23661 L	00000	BO	92080717	174529	036200		303 V FESECK:310,SO;
AH0MS	HD 156014	49	3.480	1712220	+142650	L 1	23339 L	2133	FU	92062020	204800	000030		452 G E=203,C=160,B=32
AH0MS	HD 156014	49	3.480	1712220	+142650	L 1	23576 L	2131	FU	92072415	152200	000030		552 G E=246,C=200,B=33
AH0MS	HD 156014	49	3.480	1712220	+142650	H 1	23577 L	2132	FU	92072416	160200	000930		353 G E=220,C=105,B=45
AH0MS	HD 156014	49	3.480	1712220	+142650	H 1	23830 L	2054	FU	92090213	133400	000930		352 G E=192,C=81,B=32
AH0MS	HD 156014	49	3.480	1712220	+142650	L 1	23831 L	2082	FU	92090214	141900	000027		352 G E=189,C=86,B=31
AH0MS	HD 156014	49	3.480	1712220	+142650	L 1	23918 L	2047	FU	92091313	133100	000031		352 G E=198,C=130,B=32
AH0MS	HD 156014	49	3.480	1712220	+142650	H 1	23919 L	2051	FU	92091314	140600	001030		352 G E=202,C=85,B=38
AH0MS	HD 156014	49	3.480	1712220	+142650	L 1	24012 L	1937	FU	92092708	084100	000033		G e=197,c=117,b=32
NQ022	NQ03783	84	13.39	1713182	+365152	L 3	45096 L	00077	SO	92070723	230500	009000		350 V
PC082	HD156283	47	03.48	1713182	+365152	E 9	02582 2	01153	FU	92101113	133000	016000		V FESECK:126,FO; FOR S
PC082	HD156283	47	03.48	1713182	+365152	H 1	24093 L	01153	FU	92101113	134707	002000		231 V FESECK:126,FO;
USSES	HD 156134	12	8.100	1714003	-352942	H 1	23974 L	1806	FO	92091913	132600	008000		403 G C=150,B=45
USSES	HD 156134	23	8.100	1714003	-352942	L 3	45796 L	1661	FO	92092823	235400	001000		500 G C=183,B=16
USSES	HD 156134	23	8.100	1714003	-352942	L 3	45796 S	1657	FO	92092800	001400	001000		400 G C=128,B=16
USSES	HD 157066	21	3.300	1718560	-245705	H 1	24025 L	1292	FU	92092900	004700	000013		502 G C=239,B=40
PS194	MOON	02	00.00	1719082	-272856	H 3	45116 S	00000	BO	92071120	202223	024000		431 V SEGMENTED 4X60MIN
PIL19	DRACO-C1	57	17.00	1719085	+575301	E 9	02572 2	00000	BO	92082418	180000	016000		V FESECK:423,S/O
PIL19	DRACO-C1	57	17.00	1719085	+575301	L 3	45425 L	00000	BO	92082417	175900	040800		110 V

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
COSB HR	6465	44	6.290	1720147	-022031	L 3	45557 L	7940	FO	92090802	023500	031500	406 G	C=195,B=72
USSBS HD	157244	47	2.800	1721082	-552906	H 1	23463 L	1390	FU	92070710	100400	002500	3x2 G	E=1.5X,C=102,B=40
AFNIS HD	157792	33	4.170	1723188	-240752	L 3	45753 L	533	FU	92092307	072800	000221	500 G	C=205,B=16
USSBS HD	159110	12	7.500	1731085	-411727	H 3	45210 L	2753	FO	92072215	154800	004500	503 G	C=218,B=42
TBOIS HD	159541	31	4.880	1731113	+551304	L 3	45760 L	23500	FO	92092314	142700	000349	501 G	C=204,B=22
PI063 HD	159176	12	05.94	1731263	-323257	H 3	45686 L	13769	FO	92091922	220329	000600	500 V	FESBCK:139,FO;
PI063 HD	159176	12	05.94	1731263	-323257	H 3	45687 L	13728	FO	92091922	223833	000600	500 V	FESBCK:139,FO;
PI063 HD	159176	12	05.99	1731263	-323257	H 3	45701 L	13267	FO	92092015	151850	000600	500 V	FESBCK:491,SO;
PI063 HD	159176	12	05.98	1731263	-323257	H 3	45704 L	13295	FO	92092022	220026	000600	500 V	FESBCK:123,SO;
PI063 HD	159176	12	05.99	1731263	-323257	H 3	45705 L	13214	FO	92092022	223521	000600	500 V	FESBCK:123,FO;
PI063 HD	159176	12	05.96	1731263	-323257	H 3	45729 L	13518	FO	92092116	163155	000600	500 V	FESBCK:121,FO
PI063 HD	159176	12	06.01	1731263	-323257	H 3	45731 L	13042	FO	92092118	180339	000600	500 V	FESBCK:121,FO;
PI063 HD	159176	12	05.98	1731263	-323257	H 3	45733 L	13282	FO	92092120	200643	000600	500 V	FESBCK:121,FO;
PI063 HD	159176	12	06.00	1731263	-323257	H 3	45735 L	13131	FO	92092121	213157	000600	500 V	FESBCK:121,FO;
PI063 HD	159176	12	05.97	1731263	-323257	H 3	45746 L	13449	FO	92092220	204319	000600	500 V	FESBCK:115,FO;
PI063 HD	159176	12	05.97	1731263	-323257	H 3	45748 L	13469	FO	92092222	221110	000600	500 V	FESBCK:115,FO;
PC085 HD	159176	12	05.98	1731263	-323257	H 3	45794 L	13379	FO	92092821	215720	000600	500 V	FESBCK:403,SO;
PC085 HD	159176	12	06.01	1731263	-323257	H 3	45795 L	13042	FO	92092822	223322	000600	500 V	FESBCK:403,SO;
PI063 HD	159176	12	05.95	1731264	-323257	H 3	45683 L	13619	FO	92091919	192330	000600	500 V	FESBCK:119,FO
CB0R K HD	159176	12	5.700	1731264	-323250	H 3	45693 L	13848	FO	92092010	101100	000600	503 G	C=241,B=46
CB0R K HD	159176	12	5.700	1731264	-323250	H 3	45694 L	13913	FO	92092010	105100	000500	503 G	C=217,B=44
CB0R K HD	159176	12	5.700	1731264	-323250	H 3	45697 L	14013	FO	92092012	125000	000530	502 G	C=220,B=39
CB0R K HD	159176	12	5.700	1731264	-323250	H 3	45698 L	14012	FO	92092013	132800	000530	502 G	C=220,B=37
CB0R K HD	159176	12	5.700	1731264	-323257	H 3	45708 L	13502	FO	92092100	004100	000600	502 G	C=235,B=39
CB0R K HD	159176	12	5.700	1731264	-323257	H 3	45709 L	13939	FO	92092101	012000	000600	502 G	C=231,B=39
CB0R K HD	159176	12	5.700	1731264	-323257	H 3	45711 L	13710	FO	92092103	035800	000600	502 G	C=222,B=39
CB0R K HD	159176	12	5.700	1731264	-323257	H 3	45712 L	14342	FO	92092104	043800	000600	502 G	C=229,B=39
CB0R K HD	159176	12	5.700	1731264	-323257	H 3	45715 L	13861	FO	92092106	063800	000600	502 G	C=236,B=39
CB0R K HD	159176	12	5.700	1731264	-323257	H 3	45716 L	13646	FO	92092107	071700	000600	502 G	C=234,B=39
CB0R K HD	159176	12	5.700	1731264	-323257	H 3	45719 L	13830	FO	92092109	091500	000600	503 G	C=242,B=43
CB0R K HD	159176	12	5.700	1731264	-323257	H 3	45720 L	13804	FO	92092109	095300	000500	503 G	C=219,B=42
CB0R K HD	159176	12	5.700	1731264	-323250	H 3	45723 L	13826	FO	92092111	115600	000530	503 G	C=229,B=42
CB0R K HD	159176	12	5.700	1731264	-323250	H 3	45724 L	13829	FO	92092112	123300	000530	502 G	C=232,B=39
CB0R K HD	159176	12	5.700	1731264	-323257	H 3	45727 L	13824	FO	92092114	143600	000600	502 G	C=240,B=39
SFOJE HD	159354	49	6.480	1731265	+145233	L 1	23296 L	9316	FO	92061320	203100	002000	G	
SFOJE HD	159354	49	6.480	1731265	+145233	L 1	23338 L	8682	FO	92062019	194700	002000	352 G	B=249,C=80,B=33
SFOJE HD	159354	49	6.480	1731265	+145233	L 1	23395 L	8707	FO	92062819	192200	002000	352 G	B=247,C=75,B=35
SFOJE HD	159354	49	6.480	1731265	+145233	L 1	23431 L	9420	FO	92070411	113900	002000	352 G	B=234,C=71,B=36
SFOJE HD	159354	49	6.480	1731265	+145233	L 1	23533 L	9116	FO	92071817	174400	002000	352 G	B=236,C=82,B=35
TBOIS HD	159876	40	3.540	1734433	-152208	L 3	45801 L	906	FU	92092911	111400	000107	500 G	C=209,B=11
PHCAL	SAO46872	00	03.68	1738031	+460155	E 9	02637 2	00957	FU	92120112	123800	016000		V FESBCK:170,FO; FES
PHCAL	SAO 46872	00	04.06	1738031	+460155	E 9	02649 2	00684	FU	92120213	132000	016000		V FESBCK:245,FO; FES T
PHCAL	SAO46872	00	04.19	1738031	+460155	E 9	02659 2	00609	FU	92120312	124500	016000		V FESBCK:415,FO;FES IE
PHCAL	SAO 46872	00	03.96	1738031	+460155	E 9	02663 2	00751	FU	92120316	160000	016000		V FESBCK:195,FO;FES IE
DAQH	RE173866	37	14.60	1738047	+665523	L 3	45964 L	0	FO	92101622	222200	003300	X00 G	C=1.5X,B=16
DAQH	RE173866	37	14.60	1738047	+665523	L 3	45965 S	0	FO	92101623	232600	006000	00 G	B=15
PA028	HD 160529	32	07.09	1738412	-332847	E 9	02564 2	05271	FO	92072818	183000	016000		V FES FOR IWP23598
PA028	HD 160529	32	07.09	1738412	-332847	H 1	23598 L	05271	FO	92072818	185029	035700	462 V	FESBCK:37,SO;
NI031	H1-36	57	11.47	1746241	-370036	L 3	45238 L	00428	SO	92072722	220736	016000	040 V	
NA201	HD 162732	26	07.01	1748447	+482424	H 3	44980 L	05825	FO	92062222	220151	003000	500 V	

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	rammsst	ECC	Comment
NA201	HD 162732	26	06.98	1748447	+482425	H 1	23358 L	05966	FO	92062222	224123	002000	500	V
CEODG	HD 163181	23	6.600	1752598	-322807	H 3	45525 L	5648	FO	92090502	023400	007200	303	G C=133,B=41
COOAB	HD 163770	47	3.860	1754322	+371522	H 1	24178 L	641	FU	92102905	054700	002500	342	G E=170,C=87,B=37
ENCFB	NCC 6543	70	9.500	1758340	+663805	L 1	23414 L	862	FO	92070115	150000	001000	X05	G C=1.5X,B=68
ENCFB	NCC 6543	70	9.500	1758340	+663805	L 1	23415 L	860	FO	92070116	161800	000800	304	G C=122,B=58
ENCFB	NCC 6543	70	9.500	1758340	+663805	L 3	45048 L	868	FO	92070115	151600	001000	442	G E=169,C=140,B=39
ENCFB	NCC 6543	70	9.500	1758340	+663805	L 3	45049 L	852	FO	92070116	165200	001300	341	G E=138,C=76,B=25
EM002	IC4673	70	14.60	1800104	-270634	L 3	45837 L	00000	EO	92100316	163024	025700	231	V FESBCK:107,FO;
CEODG	HD 165052	12	6.870	1802065	-242411	L 3	45465 L	5082	FO	92082912	121500	001600	503	G C=202,B=44
CEODG	HD 165052	12	6.870	1802065	-242411	H 3	45466 L	5032	FO	92082913	130500	001700	502	G C=206,B=40
CEODG	HD 165052	12	6.870	1802065	-242411	H 3	45502 L	5395	FO	92090202	024400	001700	502	G C=203,B=38
COOMA	SWIFT-T.	06		1802215	+231448	L 1	24318 L	7461	FO	92111523	234300	000400	352	G E=227,C=55,B=33
NI031	H2-38	57	13.80	1802515	-281723	L 3	45264 L	00000	EO	92080217	175357	018000	110	V FESBCK:143,SO;
COOMA	C/SWIFT-	06	5.000	1803347	+225149	L 3	46279 L	7427	FO	92111522	220200	012500	32	G E=119,B=32
PT012	HS 1804+67	54	13.60	1804247	+675353	L 3	45066 L	00000	EO	92070421	215654	029000	341	V
PT012	HS 1804+67	54	13.60	1804259	+675349	L 3	45065 L	00000	EO	92070419	194709	003000	120	V
PT012	HS 1804+67	54	13.60	1804259	+675349	L 1	23438 L	00000	EO	92070420	202314	006000	302	V 2 SEGMENTIS(25+35)
MWQJL	HD 166181	44	7.660	1806204	+294056	H 1	23980 L	2307	FO	92092203	035400	003000	332	G E=75,C=76,B=36
MWQJL	HD 166181	44	7.660	1806204	+294056	H 1	24000 L	2480	FO	92092503	033100	003000	332	G E=78,C=83,B=39
MWQJL	HD 166181	44	7.660	1806204	+294056	H 1	24010 L	2257	FO	92092703	034500	003000	502	G C=229,B=39
MWQJL	HD 166181	44	7.660	1806204	+294056	H 1	24018 L	2325	FO	92092803	033300	003000	332	G E=74,C=91,B=35
MWQJL	HD 166181	44	7.660	1806204	+294056	H 1	24075 L	2480	FO	92100501	014000	003000	332	G E=109,C=75,B=39
MWQJL	HD 166181	44	7.660	1806204	+294056	L 3	45689 L	2223	FO	92092004	042300	015000	333	G E=95,C=93,B=45
MWQJL	HD 166181	44	7.660	1806204	+294056	L 3	45740 L	2319	FO	92092204	043300	014000	333	G E=77,C=88,B=47
MWQJL	HD 166181	44	7.660	1806204	+294056	L 3	45768 L	2453	FO	92092504	040700	016200	332	G E=118,C=85,B=39
MWQJL	HD 166181	44	7.660	1806204	+294056	L 3	45782 L	2231	FO	92092704	042000	015000	333	G E=96,C=89,B=41
MWQJL	HD 166181	44	7.660	1806204	+294055	L 3	45785 L	2343	FO	92092804	040800	016343	332	G E=114,C=89,B=32
MWQJL	HD 166181	44	7.660	1806204	+294056	L 3	45842 L	2453	FO	92100502	021400	015500	332	G E=95,C=88,B=38
MWQJL	HD 166181	44	7.660	1806205	+294056	H 1	23988 L	2224	FO	92092303	030500	003000	332	G E=82,C=81,B=37
MWQJL	HD 166181	44	7.660	1806205	+294056	H 1	23993 L	2329	FO	92092403	033600	003000	332	G E=80,C=76,B=34
MWQJL	HD 166181	44	7.660	1806205	+294056	L 3	45752 L	2234	FO	92092303	034000	018500	334	G E=131,C=121,B=53
MWQJL	HD 166181	44	7.660	1806205	+294056	L 3	45764 L	2333	FO	92092404	041100	016000	333	G E=109,C=101,B=46
MWQJL	HD 166181	44	7.660	1806215	+294051	H 1	24005 L	2321	FO	92092603	034300	003000	332	G E=93,C=73,B=35
MWQJL	HD 166181	44	7.660	1806215	+294051	L 3	45775 L	2293	FO	92092604	041800	015000	333	G E=111,C=87,B=41
MMSB	HD 166620	46	6.400	1807580	+382712	H 3	45223 L	6885	FO	92072507	075700	023000	303	G C=75,B=49
HEOPF	HD 167105	33	8.970	1809546	+504650	L 1	24147 L	866	FO	92102510	100500	000330	501	G C=211,B=30
HEOPF	HD 167105	33	8.970	1809546	+504650	L 3	46058 L	855	FO	92102510	101700	001000	400	G C=157,B=14
ENCLA	NCC 6567	70	11.70	1810480	-190500	L 1	23708 L	436	SO	92081709	095400	006000	553	G E=239,C=201,B=43
ENCLA	NCC 6567	70	11.70	1810480	-190500	L 3	45362 L	437	SO	92081711	110400	012000	4X6	G E=1.5X,C=206,B=77
ENCLA	NCC 6567	70	11.70	1810480	-190500	L 3	45381 L	147	FO	92082016	162700	002200	350	G E=215,C=45,B=17
PHCAL	WAVCAL	98		1811469	+660716	L 1	23822 S	0		92090109	092300	000001	?1	G E=10X,B=29
PHCAL	TFLOOD	99		1811469	+660716	H 1	23823 S	0		92090109	095200	000025	09	G B=103
PHCAL	WAVCAL	98		1811469	+660716	H 1	23824 S	0		92090110	102000	000016	22	G E=50X,B=39
PHCAL	WAVCAL	98		1811469	+660716	L 3	45493 S	0		92090110	103200	000002	70	G E=10X,B=15
PHCAL	TFLOOD	99		1811469	+660716	H 3	45494 S	0		92090110	105600	000005	09	G B=106
PHCAL	WAVCAL	98		1811469	+660716	H 3	45495 S	0		92090111	112100	000200	32	G E=60X,B=38
AGOUR	AM HER	63	13.50	1814587	+495055	L 3	44841 L	0	EO	92060312	122400	002700	300	G C=44,B=18
AGOUR	AM HER	63	13.50	1814587	+495055	L 3	44842 L	0	EO	92060313	132700	002700	300	G C=46,B=18
AGOUR	AM HER	63	15.00	1814587	+495055	L 3	44843 L	0	EO	92060314	142000	002700	300	G C=58,B=19
AGOUR	AM HER	63	15.00	1814587	+495055	L 3	44844 L	0	EO	92060315	151100	002700	301	G C=57,B=23

FPO	Object	CL	MFG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Expt.im	nummsstt.	ECC	Comment
ACQR	AM HER	63	15.00	1814587	+495055	L 3	44845 L	0	EO	92060316	160200	002900	301 G	C=62,B=30
ACQR	AM HER	63	15.00	1814587	+495055	L 3	44846 L	0	EO	92060316	165500	002700	302 G	C=76,B=37
ACQR	AM HER	63	15.00	1814587	+495055	L 3	44847 L	0	EO	92060317	174500	002900	302 G	C=86,B=39
ACQR	AM HER	63	15.00	1814587	+495055	L 3	44848 L	0	EO	92060318	183800	002900	301 G	C=57,B=23
ACQR	AM HER	63	15.00	1814587	+495055	L 3	44849 L	0	EO	92060319	193100	002700	300 G	C=46,B=18
ACQR	AM HER	63	15.00	1814587	+495055	L 3	44850 L	0	EO	92060320	202300	002500	300 G	C=58,B=19
LFCFS	AR Pav	57	10.20	1815240	-660615	L 1	23467 L	112	FO	92070811	113100	003000	306 G	C=141,B=79
LFCFS	AR Pav	57	10.20	1815240	-660615	L 3	45099 L	112	FO	92070812	121100	002500	350 G	E=240,C=52,B=15
VACFS	V603 AQL	55	12.00	1816214	+003136	L 3	45887 L	187	FO	92100722	225900	002400	450 G	E=184,C=154,B=18
HCMP	M17 SER	72		1817460	-161155	L 3	45352 L	0	EO	92081601	014400	022000	303 G	C=76,B=41
HCMP	M17-3	72		1817466	-161051	L 1	23691 L	0	EO	92081308	080400	016500	307 G	C=130,B=90
HCMP	M17-3	72		1817466	-161051	L 1	23700 L	0	EO	92081601	014200	025000	305 G	C=101,B=64
HCMP	M17-3	72		1817466	-161051	L 3	45337 L	0	EO	92081400	005500	036000	306 G	C=110,B=75
HCMP	M17-3	72		1817466	-161051	L 3	45353 L	0	EO	92081605	055700	024000	204 G	C=70,B=52
HCMP	M17SEREN	72		1817474	-160947	L 1	23696 L	0	EO	92081400	005900	035000	308 G	C=130,B=100
HCMP	M17SEREN	72		1817490	-161023	L 1	23701 L	0	EO	92081606	063100	021000	305 G	C=90,B=64
HCMP	M17SEREN	72		1817543	-161245	L 3	45328 L	0		92081301	011300	025000	305 G	C=100,B=70
HCMP	M17SEREN	72		1817543	-161245	L 3	45329 L	0		92081308	083700	011000	02 G	B=36
HCMP	M17-14	72		1817553	-161141	L 1	23690 L	0	EO	92081300	005700	027000	309 G	C=150,B=110
HCMP	M17-14	72		1817553	-161141	L 3	45344 L	0	EO	92081500	005000	042000	305 G	C=110,B=70
HCMP	M17SEREN	72		1817562	-161037	L 1	23698 L	0	EO	92081500	005500	042000	307 G	C=130,B=90
DAOJH	RE182058	37	13.80	1819428	+580313	L 3	45966 S	0	EO	92101701	012000	003000	500 G	C=194,B=16
EM002	N306620	70	12.80	1819460	-265049	L 3	45836 L	00000	EO	92100314	141737	003000	110 V	FESECK:131,FO;
P1100	NOVASGR92	55	10.17	1820173	-282336	L 3	45258 L	00341	FO	92073122	221922	001000	350 V	FESECK:0,ND;
P1100	NOVASGR92	55	10.14	1820173	-282336	L 1	23609 L	00351	FO	92073122	225623	001000	781 V	FESECK:0,ND;
P1100	NOVASGR92	55	10.16	1820173	-282336	H 3	45259 L	00344	FO	92073123	232222	008600	330 V	FESECK:0,ND;
NI031	NOVA SGR 1	55	10.02	1820173	-282336	H 3	45265 L	00390	FO	92080222	220137	010700	230 V	FESECK:22,SO;
NO055	N SGR #3	55	8.000	1820394	-230105	L 1	24106 L	2611	FO	92101612	121600	000015	202 G	C=45,B=32
NO055	N SGR #3	55	7.800	1820394	-230105	L 1	24111 L	2392	FO	92101803	032400	000700	X02 G	C=2X,B=33
NO055	N SGR #3	55	8.000	1820394	-230105	L 3	45958 L	2631	FO	92101612	120400	000340	00 G	B=15
NO055	N SGR #3	55	8.000	1820394	-230105	L 3	45958 S	2591	FO	92101612	122400	001000	00 G	B=15
PNOSH	K1-16	70	15.10	1821369	+642018	L 1	23364 L	0	EO	92062316	161900	001000	302 G	C=87,B=35
PNOSH	K1-16	70	15.10	1821369	+642018	L 3	44986 L	0	EO	92062315	154500	002000	500 G	C=173,B=14
PNOSH	K1-16	70	15.10	1821369	+642018	L 3	44987 L	0	EO	92062316	165200	002500	500 G	C=228,B=15
NI122	AS 304	57	10.91	1822169	-283742	L 1	23749 L	00176	FO	92082222	224237	003000	700 V	FESECK: 191,S/O;
NI122	AS 304	57	99.99	1822169	-283742	L 3	45406 L	00000		92082223	231651	006000	560 V	FESECK: 191,S/O;
NI122	AS 304	57	99.99	1822169	-283742	L 1	23750 L	00000		92082300	002105	001500	600 V	FESECK: 191, S/O;
PHCAL	HD 169454	23	6.610	1822249	-140025	H 3	45319 L	5761	FO	92081200	004300	007500	302 G	C=64,B=35
USSES	HD 169467	21	3.500	1823159	-455953	H 1	24026 L	1072	FU	92092902	023700	000022	502 G	C=229,B=39
BOCSC	HD 170634	22	9.850	1827524	+011117	L 1	24166 L	440	FO	92102723	232200	001900	502 G	C=236,B=34
BOCSC	HD 170634	22	9.850	1827524	+011117	L 3	46079 L	425	FO	92102721	214700	008600	401 G	C=152,B=25
USSES	HD 170978	21	6.800	1830109	-240852	H 3	45797 L	5548	FO	92092901	013000	003320	503 G	C=225,B=42
PHCAL	HD 171232	45	7.700	1830338	+252703	H 1	23685 L	2906	FO	92081206	064000	021000	305 G	C=149,B=66
COOMA	C/1992T	06	0.500	1835033	+122715	L 1	24344 L	1186	FO	92112320	203100	000300	352 G	E=220,C=57,B=33
COOMA	C/1992T	06	0.500	1835033	+122715	L 3	46320 L	1187	FO	92112320	204000	004500	30 G	E=50,B=17
PHCAL	HD 00172167	30	0.030	1835147	+384409	H 1	23642 L	16341	FU	92080509	095700	000004	502 G	C=207,B=39
PHCAL	HD 00172167	30	0.030	1835147	+384409	H 3	45285 L	16174	FU	92080510	100400	000008	502 G	C=194,B=34
USSES	HD 171961	22	5.750	1835282	-233258	H 3	45848 L	13018	FO	92100603	030400	001400	502 G	C=223,B=37
RCOJD	V348 SGR	52	13.25	1837182	-225719	L 1	24131 L	0	EO	92102121	213400	043500	X08 G	C=2X,B=99
RCOJD	V348 SGR	52	13.25	1837182	-225719	L 3	46022 L	146	FO	92102022	223800	037500	405 G	C=205,B=63

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsstt	ECC	Comment
PHCAL	HD	172883	36	6.000	1838438	+520854	H 1 23643 L	10954	FO	92080511	113700	000800	402	G C=184,B=39
PHCAL	HD	00172883	36	6.000	1838438	+520854	L 1 23651 L	11056	FO	92080609	093800	000006	402	G C=171,B=33
PHCAL	HD	172883	36	6.000	1838438	+520854	H 3 45236 L	10992	FO	92080510	105800	001705	502	G C=191,B=35
PHCAL	HD	172883	36	6.000	1838438	+520854	L 3 45237 L	11180	FO	92080512	121000	000017	500	G C=172,B=15
TBOIS	HD	172555	30	4.780	1840327	-645516	L 3 45799 L	24761	FO	92092908	080400	000145	500	G C=198,B=11
FCO18	HD	173764	39	04.32	1844312	-044811	H 1 24045 L	00544	FU	92100113	135020	006000	641	V FESECK:164,FO;
FCO18	HD	173764	39	04.32	1844312	-044811	H 3 45823 L	00545	FU	92100115	150450	018551	601	V FESECK:164,FO; 2 SEG
FCO18	BETA	SCT	39	99.99	1844312	-044811	E 9 02600 2	00000		92102713	133000	016000		V FESECK:121,FO;
FCO18	BETA	SCT	39	04.39	1844312	-044811	H 1 24165 L	00509	FU	92102713	134932	006000	603	V FESECK:121,FO;
FCO18	BETA	SCT	39	04.39	1844312	-044811	H 3 46078 L	00509	FU	92102714	145821	035000	702	V FESECK:121,FO;
FCO18	HD	173764	39	04.43	1844312	-044811	E 9 02533 2	00494	FU	92101415	152700	016000		V FESECK:114,FO;FES IM
FCO18	HD	173764	39	04.40	1844312	-044811	H 1 24102 L	00503	FU	92101413	134128	006000	601	V FESECK:144,FO;
FCO79	HD	173819	47	06.01	1844487	-054537	E 9 02565 L	13061	FO	92080118	182900	016000		V FES FOR IWP 23616
FCO79	HD	173819	47	06.01	1844487	-054537	H 1 23616 L	13061	FO	92080118	185041	030000	302	V FES FOR IWP 23616
FCO79	HD	173819	47	05.72	1844487	-054537	H 1 23997 L	16189	FO	92092416	161130	039300	334	V FESECK:145,FO;
FCO79	HD	173819	47	05.73	1844487	-054537	E 9 02575 2	16044	FO	92092416	160500	016000		V
FCO79	HD	173819	47	06.65	1844487	-054537	E 9 02539 2	07691	FO	92101814	141000	016000		V FESECK:429,SO;
FCO79	HD	173819	47	06.65	1844487	-054537	H 1 24113 L	07691	FO	92101814	140505	040500	304	V FESECK:429,SO;
NIL22	MWC	960	57	12.05	1844581	-200913	L 3 45404 L	00254	SO	92082217	174629	009000	240	V FESECK: 81,S/O;
TUCRP	DH	HER	66	9.400	1845290	+224754	L 1 23592 L	219	FO	92072712	124900	000900	X03	G C=1.5X,B=42
TUCRP	DH	HER	66	9.400	1845290	+224754	L 3 45233 L	219	FO	92072712	122600	001500	X00	G C=1.5X,B=17
TUCRP	DH	HER	66	9.400	1845290	+224754	L 3 45234 L	220	FO	92072713	133600	001000	500	G C=200,B=17
NA201	HD	174237	26	06.17	1845360	+525556	H 3 44932 L	11481	FO	92062301	013952	000800	500	V
CD23Z	CX	DRA	66	6.000	1845360	+525556	L 1 24363 L	12334	FO	92112904	043100	000002	402	G C=152,B=31
NA201	HD	174237	26	06.16	1845360	+525556	H 1 23360 L	11581	FO	92062302	022206	000330	501	V
CD23Z	CX	DRA	66	6.000	1845360	+525556	H 3 46361 L	12637	FO	92112903	034600	000500	402	G C=173,B=33
CD23Z	CX	DRA	66	6.000	1845360	+525556	L 3 46362 L	12809	FO	92112904	042600	000003	400	G C=147,B=16
CD23Z	CX	DRA	66	6.000	1845360	+525556	L 3 46363 L	12445	FO	92112905	052700	000004	500	G C=202,B=11
CD23Z	CX	DRA	66	6.000	1845360	+525556	H 3 46364 L	12518	FO	92112906	061100	000600	502	G C=201,B=40
CD23Z	CX	DRA	66	6.000	1845360	+525556	H 3 46365 L	12281	FO	92112906	064900	000600	502	G C=202,B=40
PIO92	V603	AQL	55	12.24	1846214	+003136	L 3 45931 L	00054	FO	92100813	133111	002400	550	V FESECK:116,FO;2X12M
VACPS	V603	AQL	55	12.00	1846214	+003136	L 1 24083 L	194	FO	92100608	082600	001000	503	G C=234,B=45
PIO92	V603	AQL	55	12.08	1846214	+003136	L 3 45932 L	00062	FO	92100816	163736	002400	550	V FESECK:117,FO;2*12M
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45850 L	195	FO	92100605	052300	002400	440	G E=162,C=162,B=19
PIO92	V603	AQL	55	12.21	1846214	+003136	L 1 24085 L	00055	FO	92100817	172555	001000	550	V FESECK:117,FO;
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45851 L	203	FO	92100606	063100	002400	550	G E=171,C=176,B=20
PIO92	V603	AQL	55	12.32	1846214	+003136	L 3 45903 L	00050	FO	92100817	175837	002400	550	V FESECK:116,FO;2*12M
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45852 L	201	FO	92100607	074000	002400	541	G E=172,C=175,B=23
PIO92	V603	AQL	55	12.06	1846214	+003136	L 3 45904 L	00063	FO	92100819	190459	002400	550	V FESECK:115,FO;2X12M
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45853 L	0	EO	92100609	090700	002400	445	G E=186,C=204,B=64
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45855 L	197	FO	92100612	120000	002400	550	G E=178,C=188,B=20
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45864 L	182	FO	92100621	210100	002400	550	G E=200,C=202,B=18
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45865 L	192	FO	92100622	221100	002400	330	G E=100,C=99,B=19
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45866 L	187	FO	92100623	232000	002400	550	G E=198,C=195,B=18
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45867 L	175	FO	92100700	001600	002400	550	G E=208,C=196,B=19
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45868 L	177	FO	92100701	012200	002400	550	G E=191,C=192,B=18
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45869 L	185	FO	92100702	022800	002400	550	G E=174,C=176,B=18
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45870 L	180	FO	92100703	033800	002400	550	G E=193,C=185,B=19
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45871 L	205	FO	92100704	044200	002400	551	G E=193,C=204,B=21
VACPS	V603	AQL	55	12.00	1846214	+003136	L 3 45872 L	197	FO	92100705	054700	002400	550	G E=182,C=198,B=20

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45873 L	196	FO	92100706	065200	002400	550	G E=198,C=186,B=20
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45874 L	199	FO	92100708	080300	002400	551	G E=193,C=204,B=26
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45875 L	179	FO	92100709	090700	002400	445	G E=191,C=194,B=67
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45877 L	219	FO	92100711	114500	002400	441	G E=155,C=171,B=21
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45885 L	185	FO	92100720	205000	002400	550	G E=184,C=179,B=18
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45886 L	190	FO	92100721	215500	002400	540	G E=168,C=202,B=19
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45888 L	196	FO	92100800	000700	002400	550	G E=210,C=202,B=18
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45889 L	187	FO	92100801	012100	002400	540	G E=168,C=174,B=18
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45890 L	184	FO	92100802	022900	002400	550	G E=187,C=179,B=18
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45891 L	188	FO	92100803	033800	002400	550	G E=188,C=184,B=18
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45892 L	191	FO	92100804	044500	002400	451	G E=182,C=160,B=21
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45893 L	0		92100805	055200	002400	451	G E=182,C=135,B=21
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45894 L	0		92100807	070100	002400	441	G E=168,C=135,B=24
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45895 L	186	FO	92100808	080400	002400	451	G E=186,C=155,B=29
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45896 L	178	FO	92100809	091400	002400	453	G E=210,C=150,B=42
VACPS V603 AQL		55	12.00	1846214	+003136	L 3	45898 L	0		92100812	120300	002400	451	G E=180,C=140,B=24
PI092 V603AQL		55	11.96	1846215	+003136	L 3	45856 L	00069	FO	92100613	131304	002400	550	V FESBCK:120,FO; FP1:
PI092 V603AQL		55	12.12	1846215	+003136	L 3	45857 L	00060	FO	92100614	141912	002400	550	V FESBCK:120,FO;2X12M
PI092 V603AQL		55	12.01	1846215	+003136	L 3	45858 L	00066	FO	92100615	152023	002400	550	V FESBCK:120,FO;2X12M
PI092 V603AQL		55	11.99	1846215	+003136	L 3	45859 L	00067	FO	92100616	162041	001200	550	V FESBCK:120,FO;
PI092 V603AQL		55	12.01	1846215	+003136	L 3	45860 L	00066	FO	92100617	170444	002400	550	V FESBCK:120,FO;2X12M
PI092 V603AQL		55	12.19	1846215	+003136	L 3	45861 L	00056	FO	92100618	180611	001200	550	V FESBCK:120,FO;
PI092 V603AQL		55	11.94	1846215	+003136	L 3	45862 L	00070	FO	92100618	185140	002400	550	V FESBCK:116,FO;2X12M
PI092 V603AQL		55	11.99	1846215	+003136	L 3	45863 L	00067	FO	92100619	195331	002400	550	V FESBCK:117,FO;2X12M
PI092 V603AQL		55	12.03	1846215	+003136	L 3	45878 L	00065	FO	92100712	124115	002400	550	V FESBCK:123,FO;2X12M
PI092 V603AQL		55	12.12	1846215	+003136	L 3	45879 L	00060	FO	92100713	135353	002400	550	V FESBCK:125,FO;2X12M
PI092 V603AQL		55	11.93	1846215	+003136	L 3	45880 L	00071	FO	92100715	150002	002400	550	V FESBCK:120,FO;2X12M
PI092 V603AQL		55	12.21	1846215	+003136	L 3	45881 L	00055	FO	92100716	162124	002400	550	V FESBCK:119,FO;2X12M
PI092 V603AQL		55	12.08	1846215	+003136	L 1	24084 L	00062	FO	92100716	165955	001200	600	V FESBCK:117,FO;
PI092 V603AQL		55	12.17	1846215	+003136	L 3	45882 L	00057	FO	92100717	173223	002400	550	V FESBCK:120,FO;2X12M
PI092 V603AQL		55	12.14	1846215	+003136	L 3	45883 L	00059	FO	92100718	183856	002400	550	V FESBCK:119,FO;2*12M
PI092 V603AQL		55	12.16	1846215	+003136	L 3	45884 L	00058	FO	92100719	195035	002400	550	V FESBCK:116,FO;2X12M
PI092 V603AQL		55	12.03	1846215	+003136	L 3	45899 L	00065	FO	92100813	131843	002400	550	V FESBCK:121,FO;2X12M
PI092 V603AQL		55	12.19	1846215	+003136	L 3	45900 L	00056	FO	92100814	142458	002400	550	V FESBCK:114,FO;2X12M
GHJD 22959140		16	14.80	1850431	-630851	L 1	23380 L	0	HO	92062612	125900	006000	307	G C=177,B=82
GHJD 22959140		16	14.80	1850431	-630851	L 3	45015 L	0	HO	92062611	115500	006000	501	G C=190,B=30
NIL22 FN SGR		57	12.56	1850585	-190327	L 3	45405 L	00161	SO	92082220	200840	012000	360	V FESBCK: 15.S/O;
PI093 V1223 SGR		63	12.30	1851489	-311338	L 3	45487 L	00000	HO	92083118	181515	003500	340	V FESBCK:201,SO;
PI093 V1223 SGR		63	13.20	1851489	-311338	L 3	45488 L	00000	HO	92083119	192037	004700	450	V
PI093 V1223 SGR		63	13.20	1851489	-311338	L 3	45489 L	00000	HO	92083120	204119	004700	440	V FESBCK:201,SO;
PI093 V1223 SGR		63	13.20	1851489	-311338	L 3	45490 L	00000	HO	92083121	215444	004700	450	V
PI093 V1223 SGR		63	13.20	1851489	-311338	L 3	45491 L	00000	HO	92083123	230950	005500	450	V FESBCK:201,SO;
DAQJH RE184712		37	14.00	1853047	-124833	L 3	45968 L	0	HO	92101704	043300	001800	00	G B=17
CVDDL HD 175865		49	4.000	1853487	+435246	H 1	24294 L	847	FU	92110722	221300	006000	3X3	G E=3X,C=79,B=42
CVDDL HD 175865		49	4.000	1853487	+435246	L 1	24295 L	858	FU	92110723	235900	000130	3X2	G E=1.5X,C=66,B=31
USSBS HD 175876		13	7.000	1855128	-202930	H 1	24017 L	5204	FO	92092723	233100	000600	503	G C=226,B=41
SSOEL V3953SGR		43	9.600	1856031	-295431	H 3	45942 L	151	FO	92101406	063600	024000	06	G B=71
PHCAL SKY HKGD		07		1856033	-295326	L 1	24100 L	0		92101406	063800	006000	02	G B=40
PHCAL SKY HKGD		07		1856033	-295326	L 1	24101 L	0		92101408	080500	006000	04	G B=56
CROSB HR 7172		44	5.230	1856475	+133310	L 3	45556 L	17633	FO	92090800	002600	009000	732	G E=77,C=2x,B=40

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	raunmsst	ECC	Comment
PS069	SKY	07	99.99	1857520	-231019	L 3	45846 L	00000		92100514	143320	001000	100	V FESBCK: 137 FO; SERE
PE00G	HD 176386	60	6.900	1858165	-365745	L 1	23995 L	3592	FO	92092409	095500	000051	501	G C=238,B=29
PE00G	HD 176386	60	6.900	1858165	-365745	L 3	45766 L	3523	FO	92092411	111600	000043	300	G C=90,B=14
PE00G	HD 176386	60	6.900	1858165	-365745	L 3	45767 L	3541	FO	92092411	115000	000127	400	G C=158,B=17
PE00G	HD 176386	60	7.200	1858166	-365745	H 1	23994 L	3532	FO	92092407	074200	006000	503	G C=215,B=46
PE00G	HD 176386	60	7.200	1858166	-365745	H 3	45765 L	3526	FO	92092408	085100	005800	303	G C=138,B=44
PS165	URANUS (SKY)	07	99.99	1858264	-231841	L 3	45805 L	00000		92092916	160705	006000	100	V FESBCK: 133 FO;
PS165	URANUS	03	06.30	1858405	-231054	L 3	45806 L	10362	FO	92092917	175025	009000	300	V FESBCK:133,FO;
PS165	URANUS	03	06.28	1858405	-231054	L 3	45807 L	10526	FO	92092920	201104	009000	300	V FESBCK: 133 FO;
PS165	URANUS	03	06.25	1858406	-231052	D 9	02578 2	10758	FO	92092922	224000	016000		V FES FOR SAP45808
SUMM	URANUS	03	5.700	1858409	-231051	H 1	24028 L	0	BO	92092917	171300	012000	X04	G C=2X,B=55
SUMM	URANUS	03	5.700	1858409	-231051	L 1	24029 L	11146	FO	92093003	030100	000030	402	G C=170,B=31
SUMM	URANUS	03	5.700	1858409	-231051	L 1	24030 L	11087	FO	92093006	060300	000100	X02	G C=1.5X,B=32
SUMM	URANUS	03	5.700	1858409	-231051	L 3	45809 L	11041	FO	92093000	005600	012000	402	G C=148,B=34
SUMM	URANUS	03	5.700	1858409	-231051	L 3	45810 L	11092	FO	92093003	034500	012000	402	G C=156,B=36
SUMM	URANUS	03	5.700	1858410	-231050	L 1	24031 L	11096	FO	92093009	090900	000230	X02	G C=2X,B=38
SUMM	URANUS	03	5.700	1858410	-231050	L 1	24032 L	10731	FO	92093013	131100	000500	X02	G C=4X,B=36
SUMM	URANUS	03	5.700	1858410	-231050	L 1	24033 L	0		92093013	134600	003000	X02	G C=7X,B=39
SUMM	URANUS	03	5.700	1858410	-231050	L 3	45812 L	11106	FO	92093009	092100	012000	309	G C=228,B=136
SUMM	SKY NEAR	07		1858410	-231050	L 3	45813 L	0		92093012	121400	004500	00	G B=15
SUMM	URANUS	03	5.700	1858414	-231050	L 3	45811 L	11172	FO	92093006	063800	012000	402	G C=138,B=33
NS055	TITANIA	04	13.80	1858420	-231047	L 1	24081 L	0	BO	92100501	010900	064000	X09	G C=1.5X,B=175
PS069	URANUS	03	06.24	1858502	-231034	L 3	45840 S	10869	FO	92100412	121545	012000	200	V STARLED AT GSFC
PHCAL	SKY NEAR	07		1858520	-231014	L 3	45847 L	0		92100521	210900	004500	00	G B=20
PS069	URANUS	03	06.26	1858531	-231030	E 9	02580 2	10692	FO	92100513	135000	016000		V FESBCK:137,FO; FES I
PHCAL	HD 177724	30	2.980	1903066	+134715	H 1	23465 L	1367	FU	92070714	142400	000100	403	G C=178,B=41
PHCAL	HD 177724	30	2.980	1903066	+134715	H 3	45095 L	1371	FU	92070714	143000	000220	502	G C=191,B=37
PA059	N306752/51	00	99.99	1905151	-600555	E 9	02577 2	00000		92092716	162000	016000		V FESBCK: 132 FO;
PA059	N6752/5151	38	17.22	1905151	-600555	L 3	45783 L	00000	BO	92092716	162426	038300	402	V FESBCK: 132 FO;
PA059	N306752-49	38	15.40	1905324	-600625	L 3	45779 L	00000	BO	92092616	162200	018000	300	V FESBCK:140 FO;
PA059	N306752-45	38	16.60	1905481	-595648	L 3	45780 L	00000	BO	92092620	200536	016200	300	V FESBCK:140 FO;
PA059	N6752-4009	38	00.00	1905587	-601236	E 9	02576 2	00000	BO	92092516	161500	016000		V FESBCK:144,FO;
PA059	N6752-4009	38	17.44	1905587	-601236	L 3	45773 L	00000	BO	92092516	162445	038300	402	V FESBCK:144,FO;
PAL35	HD179791	30	06.72	1911163	+052545	L 3	46041 L	07247	FO	92102220	200948	000600	700	V FESBCK:467,SO;
PA072	HD 180968	26	05.69	1915366	+225603	H 3	45623 L	16528	FO	92091317	175145	000630	502	V FESBCK:386,SO;NO GUI
MLOEP	HD 180968	26	5.400	1915366	+225603	H 1	23924 L	16810	FO	92091323	234500	000330	502	G C=216,B=39
PA072	HD 180968	26	05.71	1915366	+225603	H 1	23921 L	16265	FO	92091318	180155	000330	502	V FESBCK:386,SO;NO GUI
MLOEP	HD 180968	26	5.400	1915366	+225603	H 1	23925 L	17038	FO	92091400	005000	000330	502	G C=221,B=39
PA072	HD180968	26	05.66	1915366	+225603	H 3	45624 L	16923	FO	92091319	190442	000630	502	V FESBCK:386,SO;
MLOEP	HD 180968	26	5.400	1915366	+225603	H 1	23926 L	16997	FO	92091402	025400	000330	502	G C=222,B=40
PA072	HD 180968	26	05.74	1915366	+225603	H 1	23922 L	15938	FO	92091319	191411	000330	502	V FESBCK:386,SO;
MLOEP	HD 180968	26	5.400	1915366	+225603	H 1	23927 L	17373	FO	92091404	041600	000330	502	G C=222,B=39
PA072	HD 180968	26	05.67	1915366	+225603	H 3	45639 L	16753	FO	92091415	151506	000630	500	V FESBCK:396,SO;
MLOEP	HD 180968	26	5.400	1915366	+225603	H 1	23928 L	17180	FO	92091405	054400	000330	503	G C=226,B=41
PA072	HD 180968	26	05.69	1915366	+225603	H 1	23935 L	16543	FO	92091415	152825	000330	501	V FESBCK:396,SO;
MLOEP	HD 180968	26	5.400	1915366	+225603	H 1	23929 L	17641	FO	92091407	073100	000330	502	G C=221,B=39
PA072	HD180968	26	05.65	1915366	+225603	H 3	45640 L	16964	FO	92091416	164325	000630	500	V FESBCK:396,SO;
MLOEP	HD 180968	26	5.400	1915366	+225603	H 1	23930 L	17234	FO	92091408	084200	000330	502	G C=227,B=40
PA072	HD 180968	26	05.69	1915366	+225603	H 1	23936 L	16574	FO	92091416	165531	000330	501	V FESBCK:396,SO;
MLOEP	HD 180968	26	5.400	1915366	+225603	H 1	23931 L	16990	FO	92091409	092800	000330	503	G C=218,B=41

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
PA072	HD 180968	26	05.66	1915366	+225603	H 3	45641 L	16870	FO	92091418	180419	000630	500	V FESBCK:396,SO;
MLOCP	HD 180968	26	5.400	1915366	+225603	H 1	23932 L	16759	FO	92091410	104100	000330	503	G C=234,B=44
PA072	HD 180968	26	05.69	1915366	+225603	H 1	23937 L	16477	FO	92091418	181705	000330	501	V FESHK:396,SO;
MLOCP	HD 180968	26	5.400	1915366	+225603	H 1	23933 L	16806	FO	92091412	120300	000330	503	G C=245,B=42
MLOCP	HD 180968	26	5.400	1915366	+225603	H 1	23934 L	16698	FO	92091413	134800	000330	502	G C=248,B=39
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45627 L	16921	FO	92091323	235900	000630	502	G C=207,B=37
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45628 L	16918	FO	92091401	012700	000630	502	G C=214,B=36
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45629 L	17352	FO	92091402	021200	000630	502	G C=205,B=35
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45630 L	17178	FO	92091403	033700	000630	502	G C=208,B=35
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45631 L	17418	FO	92091404	045900	000630	502	G C=209,B=34
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45632 L	17275	FO	92091406	062600	000630	502	G C=212,B=40
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45633 L	17277	FO	92091407	074400	000630	502	G C=213,B=36
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45634 L	17231	FO	92091408	085500	000630	502	G C=215,B=36
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45635 L	16953	FO	92091410	100800	000630	502	G C=222,B=38
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45636 L	17021	FO	92091411	111800	000630	503	G C=222,B=41
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45637 L	16714	FO	92091412	124400	000630	502	G C=209,B=36
MLOCP	HD 180968	26	5.400	1915366	+225603	H 3	45638 L	16411	FO	92091414	140400	000630	502	G C=210,B=36
HEOAP	HD 180903	33	9.570	1916142	-242841	L 3	46057 L	527	FO	92102508	082900	004500	402	G C=151,B=32
PIORP	ED +14 3887	26	9.500	1919173	+144708	L 1	23417 L	417	FO	92070212	121300	007500	304	G C=146,B=57
PIORP	ED +14 3887	26	9.500	1919173	+144708	L 1	23418 L	408	FO	92070214	140600	004500	308	G C=162,B=99
PIORP	ED +14 3887	26	9.500	1919173	+144708	L 3	45053 L	365	FO	92070204	040500	048000	306	G C=146,B=74
PI151	BF CMG	57	11.74	1921552	+293434	L 3	46326 L	00084	FO	92112414	145502	003000	480	V FESBCK:162,FO;
PI151	BF CMG	57	11.39	1921552	+293434	H 1	24350 L	00115	FO	92112415	153523	019200	360	V FESBCK:162,FO;
IPCF5	HD 182917	57	5.600	1923140	+500831	H 1	23659 L	3770	FO	92080712	123800	009000	XX9	G E=3X,C=2X,B=181
IPCF5	HD 182917	57	5.600	1923140	+500831	H 3	45300 L	3850	FO	92080710	105900	009000	353	G E=205,C=93,B=49
PI151	CH CMG	57	07.31	1923142	+500831	L 3	46325 L	04350	FO	92112411	114833	001000	550	V FESBCK:150,FO;
PI151	CH CMG	57	07.33	1923142	+500831	H 1	24348 L	04280	FO	92112412	122557	006640	351	V FESBCK:150,FO;
PI151	CH CMG	57	07.34	1923142	+500831	L 1	24349 L	04223	FO	92112414	141118	000600	781	V FESBCK:150,FO;
PI188	HD 182917	57	07.21	1923142	+500831	L 3	46565 S	04758	FO	92122309	100432	000600	330	V FESBCK:181,FO;
PI188	HD 182917	57	07.21	1923142	+500831	L 3	46565 L	04758	FO	92122309	092909	001500	730	V FESBCK:181,FO;
PI188	HD 182917	57	07.18	1923142	+500831	L 1	24561 L	04861	FO	92122310	104825	000400	703	V FESBCK:181,FO;
PI188	HD 182917	57	07.24	1923142	+500831	L 1	24562 L	04621	FO	92122313	130235	000200	563	V FESHK:181,FO;
PAL35	HD183324	30	06.01	1926292	+015048	L 3	46039 L	12975	FO	92102217	174334	000200	700	V FESBCK:506,SO;
NA201	HD 183656	26	06.42	1928029	+032019	H 3	44983 L	09387	FO	92062303	032341	002000	500	V
NA201	HD 183656	26	06.43	1928029	+032019	H 1	23361 L	09298	FO	92062304	040834	001300	501	V
GHOJD	22891227	16	14.10	1931339	-590028	L 1	23385 L	0	ED	92062716	164000	005200	309	G C=196,B=130
GHOJD	22891227	16	14.10	1931339	-590028	L 3	45021 L	0	ED	92062716	160400	003100	305	G C=115,B=70
EM02	ME 1-1	70	12.60	1936533	+154952	L 3	45830 L	00000	ED	92100218	182804	014000	330	V 404,SO;
GHOJD	UNKNOWN	65	12.30	1937104	-525359	L 1	23381 L	390	SD	92062616	160600	002100	08	G B=99
GHOJD	Unknown	65	12.30	1937104	-525359	L 3	45016 L	370	SD	92062615	155400	000600	01	G B=22
USBS	HD 186155	41	4.950	1939176	+452420	L 3	45126 L	19667	FO	92071318	184100	000900	XX0	G C=1.5X,B=16
OX90K	HM SGE	70	12.20	1939409	+163732	L 3	45354 L	360	SD	92081611	110800	001000	40	G E=154,B=20
OX90K	HM SGE	70	12.20	1939409	+163732	L 3	45355 L	362	SD	92081612	120800	001000	41	G E=158,B=21
OX90K	HM SGE	70	12.00	1939410	+163733	L 1	23702 L	0	SD	92081612	123500	002300	3X5	G E=1.5X,C=120,B=65
FNST	HM SGE	70	12.00	1939410	+163733	L 1	23731 L	347	SD	92082106	061000	001500	3X2	G E=1.5X,C=67,B=33
FNST	HM SGE	70	12.20	1939410	+163733	L 1	23732 L	355	SD	92082107	075200	001000	352	G E=222,C=65,B=35
FNST	HM SGE	70	12.00	1939410	+163733	L 3	45387 L	347	SD	92082105	055200	001000	50	G E=170,B=13
FNST	HM SGE	70	12.20	1939410	+163733	H 3	45388 L	351	SD	92082106	064400	006000	31	G E=100,B=28
FNST	HM SGE	70	12.00	1939410	+163733	L 3	45389 L	353	SD	92082108	082500	002000	XX0	G E=1.5X,B=19
PC045	HM SGE	57	11.85	1939414	+163733	L 1	24118 L	00076	FO	92101914	142339	000800	240	V FESBCK:147,FO;

FO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsst	ECC	Comment
PC045	HM SCE	57	11.84	1939414	+163733	L 3	46011 L	00077	FO	92101914	145025	001100	150	V FESECK:147,FO;
PC045	HM SCE	57	11.91	1939414	+163733	L 1	24119 L	00072	FO	92101915	152841	005509	371	V FESECK:147,FO;
PC045	HM SCE	57	11.94	1939414	+163733	L 3	46012 L	00070	FO	92101916	163121	008000	370	V FESECK:147,FO;
PC045	HM SCE	57	11.93	1939414	+163733	H 1	24120 L	00071	FO	92101917	175758	017000	162	V FESECK:147,FO;
SUEG	HD	186408	44	5.960	1940291	+502430	H 1 23658 L	10919	FO	92080709	091500	008000	X33	G E=96,C=1.5X,B=49
SUEG	HD	186427	44	6.200	1940321	+502402	H 1 23662 L	7947	FO	92080800	005600	009000	503	G C=245,B=49
CC0AB	HD	186791	47	2.720	1943529	+102924	H 1 24179 L	1719	FU	92102906	065700	003500	3X6	G E=3X,C=144,B=72
CC0AB	HD	186791	47	2.720	1943529	+102924	H 1 24180 L	1700	FU	92102908	082400	001000	344	G E=187,C=96,B=55
CC0AB	HD	186791	47	2.720	1943529	+102924	L 3 46091 L	1710	FU	92102907	074100	003500	334	G E=141,C=88,B=59
TBOIS	HD	187642	31	0.800	1948206	+084406	L 3 45755 L	8796	FU	92092309	094200	000003	501	G C=205,B=22
IFORS	CI Cyg	57	9.900	1948210	+353324	L 1	23470 L	246	FO	92070818	183500	001000	342	G E=168,C=66,B=32
IFORS	CI Cyg	57	9.900	1948210	+353324	L 1	24051 L	323	FO	92100211	114800	001000	352	G E=230,C=104,B=39
IFORS	CI Cyg	57	9.900	1948210	+353324	H 3	45102 L	264	FO	92070816	165500	009000	332	G E=118,C=74,B=39
IFORS	CI Cyg	57	9.900	1948210	+353324	L 3	45827 L	323	FO	92100212	123100	001000	50	G E=217,B=16
PT046	V1016 CyG	57	11.10	1955197	+394129	L 3	46028 L	00149	FO	92102113	134754	003000	380	V FESECK:143,FO;
PT046	V1016 CyG	57	11.07	1955197	+394129	L 1	24127 L	00153	FO	92102114	143050	002000	580	V FESECK:143,FO;
PT046	V1016 CyG	57	11.03	1955197	+394129	H 3	46029 L	00158	FO	92102115	150503	001500	150	V FESECK:143,FO;
PT046	V1016 CyG	57	11.04	1955198	+394130	H 1	24128 L	00157	FO	92102115	153936	001500	150	V FESECK:143,FO;
PHCAL	V1016CyG	63	11.50	1955198	+394139	L 3	45114 S	249	FO	92071116	162100	000400	50	G E=229,B=15
PHCAL	V1016CyG	63	10.50	1955199	+394139	L 1	23483 L	246	FO	92071116	162900	000300	3X2	G E=1.5X,C=72,B=33
PHCAL	V1016CyG	63	11.50	1955199	+394139	L 1	23483 S	247	FO	92071116	164100	000600	3X2	G E=1.5X,C=63,B=33
PHCAL	V1016CyG	63	11.50	1955199	+394139	H 1	23484 L	236	FO	92071118	182500	002500	351	G E=184,C=120,B=28
PHCAL	V1016CyG	63	11.50	1955199	+394139	L 3	45114 L	258	FO	92071116	160700	000200	X0	G E=1.5X,B=15
PHCAL	V1016CyG	63	11.50	1955199	+394139	H 3	45115 L	246	FO	92071117	175000	003000	X1	G E=1.5X,B=21
SFOJE	HD	189124	49	5.130	1957326	-593052	L 1 23587 L	388	FU	92072614	141500	000400	3X2	G E=1.5X,C=75,B=40
PA100	HD189849	31	02.06	1959284	+273651	H 3	46265 L	04071	FU	92111413	132314	002600	300	V FESECK:4123,FO;NO GU
PA100	HD 189849	31	02.13	1959284	+273651	H 1	24305 L	03816	FU	92111414	140832	000910	111	V FESECK:4123,FO;NO GU
PT046	RR TEL	57	11.36	2000200	-555202	H 3	46030 L	00118	FO	92102117	170225	000200	130	V FESECK:131,FO;
PHCAL	RR TEL	63	12.00	2000200	-555200	L 1	23567 L	571	SO	92072311	113900	000200	3X2	G E=1.5X,C=75,B=38
PHCAL	RR TEL	63	12.00	2000200	-555200	L 1	23567 S	568	SO	92072311	115500	000400	352	G E=232,C=75,B=38
PHCAL	RR TEL	63	12.00	2000200	-555200	L 1	23568 L	137	FO	92072313	133700	001000	3X7	G E=5X,C=184,B=88
PHCAL	RR TEL	63	12.00	2000200	-555200	L 1	23568 S	139	FO	92072314	140700	002000	3X7	G E=5X,C=184,B=88
PHCAL	RR TEL	63	12.00	2000200	-555200	H 1	23569 L	137	FO	92072315	152700	002000	X4	G E=3X,B=51
IFORS	RR TEL	57	12.00	2000200	-555204	H 1	24278 L	893	SO	92110604	042200	001000	3X1	G E=1.5X,C=70,B=26
PHCAL	RR TEL	63	12.00	2000200	-555200	L 3	45212 L	569	SO	92072311	112900	000200	X0	G E=1.5X,B=16
PHCAL	RR TEL	63	12.00	2000200	-555200	L 3	45212 S	567	SO	92072311	114600	000400	50	G E=251,B=16
PHCAL	RR TEL	63	12.00	2000200	-555200	L 3	45213 L	564	SO	92072312	123500	001000	3X2	G E=5X,C=86,B=33
PHCAL	RR TEL	63	12.00	2000200	-555200	L 3	45213 S	136	FO	92072312	125800	002000	3X2	G E=5X,C=86,B=33
PHCAL	RR TEL	63	12.00	2000200	-555200	H 3	45214 L	137	FO	92072314	143600	002000	X2	G E=3X,B=35
IFORS	RR TEL	57	12.00	2000200	-555204	H 3	46140 L	913	SO	92110604	040100	001000	250	G E=232,C=30,B=20
PT046	RRTEL	57	11.32	2000201	-555203	H 1	24129 L	00122	FO	92102117	170933	000200	130	V FESECK:131,FO
PT046	RR TEL	57	11.35	2000201	-555203	L 3	46031 L	00119	FO	92102118	181347	000500	280	V FESECK:131,FO
PT046	RR TEL	57	11.31	2000201	-555203	L 1	24130 L	00123	FO	92102119	190229	000300	380	V
PT046	RR TEL	57	11.40	2000201	-555203	H 3	46032 L	00114	FO	92102119	191037	009500	270	V FESECK:131,FO;
CACSB	HR	7670	44	5.710	2001365	+294517	L 3 45544 L	11772	FO	92090623	233000	015000	303	G C=105,B=45
AGQR	QQ WUL	65	15.00	2003307	+223128	L 3	44832 L	0	BO	92060214	140100	002500	00	G B=17
AGQR	QQ WUL	63	15.00	2003320	+223121	L 3	44834 L	0	BO	92060216	164700	002500	322	G E=59,C=61,B=40
AGQR	QQ WUL	63	15.00	2003320	+223121	L 3	44835 L	0	BO	92060217	173700	002500	333	G E=116,C=69,B=44
AGQR	QQ WUL	63	15.00	2003320	+223121	L 3	44836 L	0	BO	92060218	183700	002500	331	G E=67,C=55,B=29
AGQR	QQ WUL	63	15.00	2003320	+223121	L 3	44837 L	0	BO	92060219	192700	002500	231	G E=58,C=41,B=23

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
AGQR	QQ VUL	63	15.00	2003320	+223121	L 3	44838 L	0	EO	92060220	201600	002500	231	G E=47,C=35,B=21
AGQR	QQ VUL	63	15.00	2003320	+223121	L 3	44855 L	0	EO	92060413	135000	002500	231	G E=77,C=40,B=22
AGQR	QQ VUL	63	15.00	2003320	+223121	L 3	44856 L	0	EO	92060414	144000	002500	231	G E=86,C=42,B=23
AGQR	QQ VUL	63	15.00	2003320	+223121	L 3	44857 L	0	EO	92060415	152800	002500	331	G E=58,C=47,B=26
AGQR	QQ VUL	63	15.00	2003320	+223121	L 3	44858 L	0	EO	92060416	161800	002500	332	G E=65,C=54,B=32
AGQR	QQ VUL	63	15.00	2003320	+223121	L 3	44859 L	0	EO	92060417	170600	002600	332	G E=68,C=60,B=38
AGQR	QQ VUL	63	15.00	2003320	+223121	L 3	44860 L	0	EO	92060417	175600	002500	332	G E=100,C=58,B=34
AGQR	QQ VUL	63	15.00	2003320	+223121	L 3	44861 L	0	EO	92060418	184500	002500	231	G E=64,C=44,B=24
AGQR	QQ VUL	63	15.00	2003320	+223121	L 3	44862 L	0	EO	92060419	193300	002600	331	G E=71,C=44,B=23
AGQR	QQ VUL	63	15.00	2003320	+223121	L 3	44863 L	0	EO	92060420	202600	002400	221	G E=36,C=42,B=22
AGQR	QQ VUL	65	15.00	2003326	+223128	L 3	44833 L	0	EO	92060215	151800	002500	00	G B=20
COOMA CERES		05	8.070	2005098	-315338	L 1	23783 L	1639	FO	92082702	025300	036000	307	G C=121,B=86
P1114 W2 SGE		54	15.00	2005207	+173328	L 1	23471 L	00000	EO	92070820	200738	012000	443	V
P1114 W2 SGE		54	15.00	2005207	+173328	L 3	45103 L	00000	EO	92070822	221243	027500	331	V
P1114 W2 SGE		54	15.00	2005207	+173328	L 1	23656 L	00000	EO	92080617	174501	010000	303	V FESBCK:31 S/O
P1114 W2 SGE		54	15.00	2005207	+173328	L 3	45298 L	00000	EO	92080619	192921	026000	331	V FESBCK:31 S/O
P1114 W2 SGE		54	15.00	2005207	+173328	L 3	45370 L	00000	EO	92081821	213258	019600	330	V FESBCK:7,S0;
PA067 HD191612		15	99.99	2007355	+353508	H 3	46531 L	00000		92121900	000000	000000	400	V FESBCK:225,FO;
SSCHJ HD	191589	50	7.260	2007368	+333201	L 1	24337 L	3472	FO	92112107	073400	003000	502	G C=240,B=37
SSCHJ HD	191589	50	7.260	2007368	+333201	H 1	24338 L	3476	FO	92112109	090600	099959	XX9	G E=2X,C=1.5X,B=181
SSCHJ HD	191589	50	7.260	2007368	+333201	L 3	46311 L	3501	FO	92112108	081200	004500	301	G C=55,B=24
PHCAL SKY HCD		07		2007389	+333101	L 3	46312 L	0	EO	92112203	033300	003000	00	G B=17
PA067 HD191978		13	08.32	2009139	+411212	H 3	46532 L	01770	FO	92121912	122426	010000	600	V FESBCK:244,FO;
CECEG FG SGE		70	14.00	2009429	+201104	L 3	46297 L	0	EO	92111819	194300	018000	02	G B=34
PAL70 FG SGE		41	00.00	2009430	+201054	L 1	24150 L	00000	EO	92102517	172745	019900	303	V FESBCK:150,FO;
EC083 FG SGE		41	11.39	2009431	+201054	L 1	23906 L	00115	FO	92091115	154550	019500	301	V FESBCK:191,S0;
TE015 HD	192078	45	7.600	2009491	+384347	L 3	45843 S	2648	FO	92100505	053000	003000	300	G C=48,B=17
PA067 HD192281		15	07.88	2010468	+400701	H 3	46539 L	02628	FO	92122010	100912	016000	501	V FESBCK:146,FO;
PA129 RE 2013+40		37	00.00	2011221	+395317	L 3	42426 L	00000	EO	92120713	132848	001400	500	V FESBCK:154,FO
PA129 RE 2013+40		37	00.00	2011221	+395317	L 3	46426 L	00000	EO	92120713	132848	001400	500	V FESBCK:154,FO
PA129 RE 2013+40		37	00.00	2011222	+395317	L 3	42427 S	00000	EO	92120714	143450	002800	100	V FESBCK:154,FO
PA129 RE 2013+40		37	00.00	2011222	+395317	L 3	46427 S	00000	EO	92120714	143450	002800	100	V FESBCK:154,FO
SFOJE HD	192443	50	7.970	2011345	+383436	L 1	23493 L	2196	FO	92071315	154400	003000	03	G B=49
PHCAL HD	192577	00	03.92	2012033	+463520	E 9	02644 2	00776	FU	92120209	090130	016000		V FESBCK:184,FO; FES T
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24089 L	732	FU	92101005	054300	001000	XX3	G E=1.5X,C=1.5X,B=48
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24090 L	724	FU	92101006	063500	000600	453	G E=197,C=190,B=41
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24091 L	725	FU	92101007	075100	001000	XX3	G E=1.5X,C=1.5X,B=46
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24124 L	753	FU	92102109	092700	001000	X04	G C=1.5X,B=53
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24125 L	733	FU	92102110	102300	000600	503	G C=197,B=43
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24126 L	755	FU	92102111	113700	001000	X03	G C=1.5X,B=43
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24190 L	744	FU	92103005	054600	001000	XX3	G E=1.5X,C=1.5X,B=47
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24191 L	743	FU	92103006	064100	000600	443	G E=184,C=187,B=41
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24192 L	746	FU	92103007	074900	001000	XX4	G E=1.5X,C=2X,B=58
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24299 L	0	EO	92111103	032800	000600	503	G C=226,B=43
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24300 L	0	EO	92111105	050000	001000	X03	G C=1.5X,B=42
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24334 L	792	FU	92112103	034600	001000	753	G E=237,C=1.5X,B=45
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24335 L	801	FU	92112104	044600	001000	X53	G E=229,C=1.5X,B=42
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24336 L	801	FU	92112105	055700	000600	543	G E=187,C=202,B=41
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24389 L	769	FU	92120205	053800	001000	X03	G C=1.5X,B=47
CXQJE HD	192577	47	3.800	2012033	+463520	H 1	24390 L	784	FU	92120206	064800	000600	503	G C=210,B=44

FPO	Object	CL	MFG	R.A.	DEC	D C	Image	A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
CXQE HD	192577	47	3.800	2012033	+463520	H 1	24391	L	774	FU	92120207	075600	001000	X03	G C=1.5X,B=43
CXQE HD	192577	47	3.800	2012033	+463520	H 1	24590	L	778	FU	92122601	013900	001000	X03	G C=1.5X,B=47
CXQE HD	192577	47	3.800	2012033	+463520	H 1	24591	L	758	FU	92122602	023400	001000	X03	G C=1.5X,B=49
CXQE HD	192577	47	3.800	2012033	+463520	H 3	45910	L	714	FU	92101006	060100	001200	502	G C=230,B=40
CXQE HD	192577	47	3.800	2012033	+463520	H 3	45911	L	727	FU	92101007	070900	001800	?3	G E=1.5X,C=1.5X,B=46
CXQE HD	192577	47	3.800	2012033	+463520	H 3	45912	L	727	FU	92101008	082200	001200	503	G C=230,B=41
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46025	L	740	FU	92102109	094500	001200	503	G C=232,B=45
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46026	L	745	FU	92102110	105500	001800	X04	G C=1.5X,B=52
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46027	L	756	FU	92102112	121000	001200	502	G C=239,B=39
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46096	L	742	FU	92103006	060500	001200	502	G C=216,B=40
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46096	L	743	FU	92103007	071300	001800	X04	G C=2X,B=56
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46097	L	740	FU	92103008	082100	001200	503	G C=228,B=48
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46213	L	0	ED	92111104	042300	001800	X04	G C=1.5X,B=51
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46214	L	0	ED	92111105	053400	001200	502	G C=249,B=40
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46308	L	798	FU	92112104	040600	001200	502	G C=227,B=38
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46309	L	800	FU	92112105	052000	001800	X04	G C=1.5X,B=51
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46310	L	793	FU	92112106	063100	001200	503	G C=238,B=41
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46389	L	777	FU	92120206	061200	001800	X03	G C=2X,B=45
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46390	L	776	FU	92120207	072200	001000	502	G C=210,B=34
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46391	L	765	FU	92120208	082500	001800	X03	G C=2X,B=44
CXQE HD	192577	47	3.800	2012033	+463520	H 3	46586	L	752	FU	92122601	015800	001800	X03	G C=1.5X,B=49
IFORS HD	192577	66	3.700	2012040	+463500	H 1	23469	L	708	FU	92070816	160000	000500	403	G C=190,B=49
IFORS HD	192577	66	3.700	2012040	+463500	H 1	24399	L	799	FU	92120317	174400	000500	542	G E=148,C=193,B=39
IFORS HD	192577	66	3.700	2012040	+463500	H 3	45101	L	717	FU	92070815	154400	000800	502	G C=191,B=39
IFORS HD	192577	66	3.700	2012040	+463500	H 3	46398	L	804	FU	92120317	175800	000800	402	G C=171,B=31
PA004 HD	192518	31	05.55	2012111	+283231	H 3	45593	L	18206	FO	92091016	160822	009000	600	V FESBCK:200,SO;
PA004 HD	192518	31	05.60	2012111	+283231	L 1	23896	L	17641	FO	92091017	174624	002300	500	V FESBCK: 200 SO;
PA004 HD	192518	31	05.53	2012112	+283232	L 3	45594	L	18486	FO	92091018	181956	000118	500	V FESBCK:200,SO;
PA096 HD	193793	10	07.05	2012393	+363027	H 3	46119	L	05471	FO	92110216	163512	012000	664	V FESBCK:567,SO
NAL70 HD	192641	10	08.19	2012394	+363028	L 3	44829	L	01998	FO	92060201	011609	000235	550	V
NAL70 HD	192641	10	08.22	2012394	+363028	L 1	23240	L	01947	FO	92060201	011040	000040	501	V
NAL70 HD	192641	10	08.22	2012394	+363028	L 3	44966	L	01946	FO	92062101	012035	000235	450	V
NAL70 HD	192641	10	08.22	2012394	+363028	L 1	23341	L	01943	FO	92062101	012705	000040	500	V
PA096 HD	192641	10	08.17	2012394	+363028	L 1	23591	L	02032	FO	92072700	002424	000040	400	V FESECK:177, S/O
FNOSH NGC	6891	70	12.00	2012480	+123254	L 1	23363	L	137	FO	92062314	140200	001000	502	G C=211,B=34
FNOSH NGC	6891	70	12.00	2012480	+123254	L 3	44984	L	139	FO	92062313	132400	002000	550	G E=216,C=220,B=15
FNOSH NGC	6891	70	12.00	2012480	+123254	H 3	44985	L	136	FO	92062314	143500	002000	550	G E=211,C=218,B=16
IFORS HD	192713	66	5.200	2013210	+232117	H 1	24279	L	16146	FO	92110607	072200	003000	345	G E=178,C=120,B=67
IFORS HD	192713	66	5.200	2013210	+232117	L 1	24281	L	16491	FO	92110610	102300	000300	XX2	G E=1.5X,C=1.5X,B=34
IFORS HD	192713	66	5.200	2013210	+232117	H 3	46141	L	16264	FO	92110605	051400	012000	344	G E=166,C=110,B=55
IFORS HD	192713	66	5.200	2013210	+232117	L 3	46143	L	16427	FO	92110609	094900	001500	30	G E=112,B=17
IFORS HD	192909	66	4.400	2013560	+473300	H 1	23255	L	628	FU	92060517	172200	001000	353	G E=221,C=131,B=49
IFORS HD	192909	66	4.400	2013560	+473300	H 3	44869	L	637	FU	92060516	163900	003000	403	G C=185,B=50
SFOEL RT	SGR	43	6.000	2014254	-391606	L 3	45925	L	1331	FO	92101112	122800	002000	00	G B=15
SFOGC ED	+37 3862	20	8.990	2014413	+372924	L 1	24430	L	963	FO	92120707	073000	000300	302	G C=110,B=32
SFOGC ED	+37 3862	20	8.990	2014413	+372924	L 1	24434	L	935	FO	92120805	055500	003000	?02	G C=15X,B=39
SFOGC ED	+37 3862	20	8.990	2014413	+372924	L 1	24435	L	938	FO	92120807	071700	000500	X02	G C=3X,B=32
SFOGC ED	+37 3862	20	8.990	2014413	+372924	L 3	45519	L	715	FO	92090413	135800	001200	300	G C=93,B=16
SFOGC ED	+37 3862	20	8.990	2014413	+372924	L 3	46125	L	957	FO	92120707	075300	001000	400	G C=160,B=14
SFOGC ED	+37 3862	20	8.990	2014413	+372924	L 3	46229	L	933	FO	92120805	051900	001500	500	G C=235,B=14

FO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Cbs.date	Exptim	nummsst	ECC	Comment
SFOGC HD	228699	23	9.470	2014458	+373153	L 1	24427 L	601	FO	92120701	015100	004000	702	G C=11X,B=36
SFOGC HD	228699	23	9.470	2014458	+373153	L 1	24428 L	630	FO	92120703	031600	006600	402	G C=145,B=33
SFOGC HD	228699	23	9.470	2014458	+373153	L 3	46422 L	614	FO	92120702	023900	003000	X00	G C=1.5X,B=13
SFOGC HD	228699	23	9.470	2014458	+373153	L 3	46424 L	627	FO	92120706	060100	002000	500	G C=200,B=16
PC029 ALPHA CAP		45	04.71	2014526	-123951	E 9	02550 2	00382	FU	92061522	220000	016000		V FES FOR SWP44933 + L
MICRAB HD	192876	45	4.240	2014526	-123951	H 1	23310 L	383	FU	92061604	042300	006000	XX3	G E=1.5X,C=1.5X,B=45
PC029 ALPHA CAP		45	04.71	2014526	-123951	L 3	44933 L	00382	FU	92061522	221600	036000	762	V FES SWP44933 IWP2331
INDIA HD	E332077	07		2015064	+312421	L 3	45112 L	0		92071016	163200	003000	00	G B=15
SFOGC HD	193076	23	7.620	2015078	+373133	L 1	23844 L	2487	FO	92090412	121200	000600	205	G C=3x,B=65
SFOGC HD	193076	23	7.620	2015078	+373133	L 1	24429 L	2661	FO	92120705	050500	000030	402	G C=180,B=32
SFOGC HD	193076	23	7.620	2015078	+373133	L 3	45518 L	2489	FO	92090412	120700	000300	300	G C=105,B=20
SFOGC HD	193076	23	7.620	2015078	+373133	L 3	46423 L	2644	FO	92120704	044200	000730	500	G C=180,B=12
WRCLA SKY ERGD		07		2015084	+371709	L 1	24358 L	0		92112604	045700	003000	04	G B=60
PA064 HD193077		11	08.35	2015085	+371603	3	46327 L	01731	FO	92112511	115311	010000	351	V FESECK:154,FO;
WRCLA HD	193077	11	8.200	2015085	+371602	L 3	46341 L	1920	FO	92112620	203700	010000		G
PA064 HD193077		11	08.36	2015085	+371603	H 3	46328 L	01711	FO	92112514	141350	010000	351	V FESECK:156,FO;
PA064 HD193077		11	08.37	2015085	+371603	H 3	46329 L	01700	FO	92112514	141350	010000	350	V FESECK:156,FO;
PHCAL SKY		07	00.00	2015086	+371604	L 1	24359 L	00000	EO	92112613	133840	009000	201	V FESECK:154,FO;SEREND
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46330 L	1915	FO	92112518	185800	010000	353	G E=208,C=130,B=43
PA064 HD193077		11	08.35	2015086	+371604	H 3	46337 L	01726	FO	92112611	111429	010000	351	V FESECK:155,FO;
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46331 L	1962	FO	92112521	213200	010000	453	G E=214,C=180,B=41
PA064 HD 193077		11	08.36	2015086	+371604	H 3	46338 L	01713	FO	92112613	133557	010000	351	V FESECK:154,FO;
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46332 L	1915	FO	92112523	235500	010000	452	G E=217,C=150,B=40
PA064 HD193077		11	08.39	2015086	+371604	H 3	46339 L	01667	FO	92112615	155909	010000	351	V FESECK:154,FO;
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46333 L	1841	FO	92112602	020900	010000	353	G E=221,C=120,B=41
PA064 HD193077		11	08.34	2015086	+371603	H 3	46347 L	01744	FO	92112709	095901	010000	351	V FESECK:154,FO;STARIE
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46334 L	1893	FO	92112604	042200	010000	348	G E=228,C=170,B=94
PA064 HD193077		11	08.33	2015086	+371603	H 3	46348 L	01762	FO	92112700	000000	010000	351	V FESECK:154,FO;
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46335 L	1884	FO	92112606	063300	010000	356	G E=232,C=160,B=80
PA064 HD193077		11	08.37	2015086	+371603	H 3	46349 L	01705	FO	92112715	150951	010000	351	V FESECK:155,FO;
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46336 L	1879	FO	92112608	084400	010000	353	G E=214,C=118,B=41
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46340 L	1992	FO	92112618	181200	010000	453	G E=211,C=150,B=50
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46342 L	1978	FO	92112622	225400	010000	452	G E=207,C=150,B=40
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46343 L	2000	FO	92112701	010800	010000	353	G E=209,C=121,B=44
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46344 L	1937	FO	92112703	031900	010000	354	G E=214,C=127,B=55
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46345 L	1905	FO	92112705	053000	010000	349	G E=247,C=201,B=135
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46346 L	1878	FO	92112707	074100	010000	353	G E=210,C=127,B=50
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46351 L	1918	FO	92112719	195100	010000	453	G E=2213,C=150,B=45
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46352 L	1849	FO	92112722	220300	010000	453	G E=207,C=160,B=45
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46353 L	1861	FO	92112800	001400	010000	353	G E=207,C=120,B=41
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46354 L	1928	FO	92112802	024200	010000	353	G E=206,C=126,B=42
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46355 L	1854	FO	92112804	045300	009000	349	G E=235,C=174,B=104
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46356 L	1925	FO	92112806	065400	010000	355	G E=224,C=143,B=65
WRCLA HD	193077	11	8.210	2015086	+371604	H 3	46357 L	1974	FO	92112809	090500	010000	353	G E=212,C=121,B=42
INDIA HD	332077	66	9.000	2015111	+312356	L 1	23479 L	1008	FO	92071016	160400	012000	346	G E=206,C=147,B=71
INDIA HD	332077	66	9.000	2015111	+312356	L 3	45113 L	1028	FO	92071018	180900	099959	309	G C=200,B=168
PC035 HD332077		50	08.93	2015112	+312357	E 9	02559 2	01028	FO	92071101	013600	016000		V FES FOR SWP45113
INDIA SKY		07		2015157	+312331	L 1	23480 L	0		92071111	110000	003000	01	G B=30
INDIA SKY		07		2015157	+312331	L 1	23481 L	0		92071112	120100	003000	02	G B=35
INDIA SKY		07		2015157	+312331	L 1	23482 L	0		92071113	130100	003000	02	G B=37

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
PT063 HD 193349		30	07.08	2017014	+141240	L 3	45681	05305	FO	92091900	000000	000000	600	V FESECK:163,S0;
PT063 HD193410		39	07.61	2017077	+292029	L 3	45684 L	03351	FO	92091920	201117	000500	500	V FESECK:222,S0
SFOGC EE86 #4		12	9.700	2018315	+383225	L 1	23272 L	436	FO	92060906	060100	039900	406	G C=203,B=76
NAL70 HD193793		10	07.16	2018467	+434143	L 1	23239 L	04957	FO	92060121	215645	000022	501	V
NAL70 HD193793		10	07.18	2018467	+434143	H 3	44828 L	04846	FO	92060122	222043	012000	500	V
NAL70 HD 193793		10	07.17	2018467	+434143	H 3	44965 L	04900	FO	92062021	214311	012000	500	V
NAL70 HD193793		10	07.16	2018467	+434143	L 1	23340 L	04965	FO	92062023	235438	000022	551	V
PA096 HD193793		10	07.13	2018467	+434143	L 1	23590 L	05130	FO	92072622	220333	000022	400	V FESECK: 255,S/O
PA096 HD193793		10	07.13	2018467	+434143	H 3	45231 L	05077	FO	92072622	221001	012000	500	V FESECK: 255,S/O
PA096 HD 193793		10	07.12	2018467	+434143	H 3	45530 L	05122	FO	92090516	160300	012000	501	V FESECK:290,S0;
PA096 HD 193793		10	07.15	2018467	+434143	H 1	23853 L	05003	FO	92090518	181325	003800	502	V FESECK:290,S0;
PA096 HD 193793		10	07.06	2018467	+434143	L 1	24244 L	05409	FO	92110215	154603	000022	441	V FESECK:567,S0;
PT052 FU VUL		57	11.18	2019011	+212443	L 3	45415 S	00139	FO	92082318	190021	001000	240	V FESECK: 8,S/O;
PT052 FU VUL		57	11.18	2019011	+212443	L 3	45415 L	00139	FO	92082318	180633	001500	360	V FESECK: 8,S/O;
PT052 FU VUL		57	11.20	2019011	+212443	L 1	23757 S	00136	FO	92082319	193141	000500	230	V FESECK: 8,S/O;
PT052 FU VUL		57	11.20	2019011	+212443	L 1	23757 L	00136	FO	92082319	191818	000600	360	V FESECK: 8,S/O;
PT052 FU VUL		57	11.18	2019011	+212443	H 3	45416 L	00139	FO	92082320	200448	007000	250	V
PT052 FU VUL		57	11.20	2019011	+212443	H 3	45417 L	00136	FO	92082322	223116	013600	360	V FESECK: 8, S/O;
SFOGC EE87 #25		12	10.46	2019465	+371538	L 1	23252 L	287	FO	92060505	055800	039900	X07	G C=1.5X,B=85
SFOGC EE8725		12	10.46	2019465	+371538	L 1	24436 L	375	FO	92120808	080800	004000	302	G C=98,B=38
SFOGC EE87 #25		12	10.46	2019465	+371538	L 3	44875 L	293	FO	92060606	060200	040000	305	G C=121,B=63
NE126 AM2020-504		81	14.00	2020146	-504849	E 9	02549 2	00000	BO	92061122	221100	016000		V FES FOR SWP44916
NE126 AM2020-504		81	14.00	2020146	-504849	L 3	44916 L	00000	BO	92061122	222747	038000	302	V
NE126 AM2020.504		81	14.00	2020146	-504849	L 3	44919 L	00000	BO	92061222	225617	035100	201	V
NE126 AM2020.404		81	14.00	2020146	-504849	L 1	23297 L	00000	BO	92061322	223747	037000	203	V
NE126 AM2020-504		81	14.00	2020146	-504849	L 1	23304 L	00000	BO	92061422	220550	040200	203	V
SFOGC HD 229227		23	9.370	2022042	+381814	L 1	24433 L	651	FO	92120804	041500	000600	402	G C=141,B=34
SFOGC HD 229234		12	8.920	2022106	+382104	L 1	24431 L	885	FO	92120801	015600	001200	402	G C=156,B=33
SFOGC HD 229238		23	8.880	2022140	+382231	L 1	24432 L	893	FO	92120803	030100	002400	402	G C=182,B=35
NI200 HD195434		46	09.20	2028442	+050254	L 3	46128 L	00812	FO	92110411	114923	003000	110	V FESECK:131,FO;
NI200 HD195434		46	09.17	2028442	+050254	L 1	24259 L	00829	FO	92110412	122652	002000	550	V FESECK:131,FO;
NO055 NOVA C1G		55	10.00	2029070	+522744	L 1	23599 L	955	FO	92072913	130200	000010	252	G E=202,C=51,B=32
NO055 NOVA C1G		55	10.00	2029070	+522744	L 1	23599 S	955	FO	92072913	131300	000330	302	G E=4X,C=130,B=32
NO055 N C1G 92		55	10.50	2029070	+522743	H 1	23600 L	964	FO	92072915	152100	002000	352	G E=243,C=68,B=38
NO055 NOVA C1G		55		2029070	+522743	L 1	23670 L	950	FO	92081012	122400	000013	303	G C=68,B=45
NO055 NOVA C1G		55		2029070	+522743	L 1	23670 S	945	FO	92081012	122900	000430	403	G E=4X,C=152,B=45
NO055 NOVA C1G		55		2029070	+522743	H 1	23671 L	935	FO	92081013	134500	002000	309	G E=1.5X,C=165,B=115
NO055 N C1G 92		55	10.00	2029070	+522744	L 3	45244 L	949	FO	92072913	132100	000100	251	G E=212,C=27,B=21
NO055 N C1G 92		55	10.00	2029070	+522744	L 3	45244 S	976	FO	92072913	132700	000830	301	G E=4X,C=56,B=21
NO055 N C1G 92		55	10.50	2029070	+522743	H 3	45245 L	968	FO	92072915	155600	009300	302	G E=1.5X,C=63,B=37
NO055 NOVA C1G		55		2029070	+522743	L 3	45310 L	959	FO	92081011	115100	000120	202	G C=49,B=32
NO055 NOVA C1G		55		2029070	+522743	L 3	45310 S	949	FO	92081012	120700	001200	302	G E=3X,C=61,B=32
PII00 N C1G92		55	09.93	2029072	+522743	L 1	24137 S	00423	FO	92102314	143724	001000	261	V FESECK:490,S0;CU
PII00 N C1G92		55	09.93	2029072	+522743	L 1	24137 L	00423	FO	92102314	144947	000250	251	V FESECK:490,S0;CU
PII00 N C1G92		55	09.93	2029072	+522743	L 3	46047 S	00423	FO	92102314	141111	000600	260	V FESECK:490,S0;CU
PII00 N C1G92		55	09.93	2029072	+522743	L 3	46047 L	00423	FO	92102314	142846	000030	260	V FESECK:490,S0;CU
NI100 NOVACYG92		55	08.70	2029073	+522743	L 3	44970 S	01261	FO	92062122	223546	000300	360	V
NI100 NOVACYG92		55	08.70	2029073	+522743	L 3	44970 L	01261	FO	92062122	222821	000035	250	V
NI100 NOVACYG92		55	08.71	2029073	+522743	L 1	23348 S	01260	FO	92062122	222254	000030	371	V
NI100 NOVACYG92		55	08.71	2029073	+522743	L 1	23348 L	01260	FO	92062122	221741	000007	351	V

FFO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsst	ECC	Comment
NIH00	NOVACYG92	55	08.73	2029073	+522743	H 3	44971 L	01230	FO	92062123	232215	004000	350 V	
NIH00	NOVACYG92	55	08.66	2029073	+522743	H 1	23349 L	01310	FO	92062200	001142	001000	351 V	
NIH00	NOVACYG92	55	08.68	2029073	+522743	H 3	44972 L	01291	FO	92062200	004721	010000	360 V	
NIH00	NOVACYG92	55	08.68	2029073	+522743	H 1	23350 L	01283	FO	92062202	023420	004000	372 V	
NIH00	NOVACYG92	55	08.67	2029073	+522743	L 3	44973 S	01300	FO	92062203	033012	000130	350 V	
NIH00	NOVACYG92	55	08.67	2029073	+522743	L 3	44973 L	01300	FO	92062203	032222	000035	350 V	
NIH00	NOVACYG92	55	08.67	2029073	+522743	L 1	23351 S	01299	FO	92062204	041356	000015	250 V	
NIH00	NOVACYG92	55	08.67	2029073	+522743	L 1	23351 L	01299	FO	92062204	040843	000007	250 V	
NIH00	NOVA CYG 9	55	08.81	2029073	+522743	L 3	45030 S	01146	FO	92062902	021502	000500	360 V	GUIDING FOR SMAP
NIH00	NOVA CYG 9	55	08.81	2029073	+522743	L 3	45030 L	01146	FO	92062902	020734	000038	250 V	GUIDING FOR SMAP
NIH00	NOVA CYG 9	55	08.79	2029073	+522743	L 1	23399 S	01172	FO	92062901	020242	000030	360 V	
NIH00	NOVA CYG 9	55	08.79	2029073	+522743	L 1	23399 L	01172	FO	92062901	015707	000007	250 V	
NIH00	NOVA CYG 9	55	08.80	2029073	+522743	H 3	45031 L	01154	FO	92062902	025431	004000	340 V	
NIH00	NOVA CYG 9	55	08.80	2029073	+522743	H 1	23400 L	01163	FO	92062903	034310	001000	351 V	
NIH00	NOVA CYG 9	55	08.82	2029073	+522743	H 3	45032 L	01140	FO	92062904	041502	003000	340 V	
PIH00	NOVACYG92	55	08.83	2029073	+522743	L 1	23426 S	01130	FO	92070319	194353	000030	252 V	
PIH00	NOVACYG92	55	08.83	2029073	+522743	L 1	23426 L	01130	FO	92070319	194023	000007	262 V	
PIH00	NOVACYG92	55	08.83	2029073	+522743	L 3	45061 S	01130	FO	92070319	195842	000600	360 V	
PIH00	NOVACYG92	55	08.83	2029073	+522743	L 3	45061 L	01130	FO	92070319	195045	000040	150 V	
PIH00	NOVACYG92	55	08.89	2029073	+522743	H 1	23427 L	01066	FO	92070320	203606	001200	352 V	
PIH00	NOVACYG92	55	08.82	2029073	+522743	H 3	45062 L	01136	FO	92070321	210628	004500	350 V	
PIH00	NOVACYG92	55	08.79	2029073	+522743	H 1	23428 L	01164	FO	92070322	220023	003000	372 V	
PIH00	NOVA CYG 9	55	09.27	2029073	+522743	L 1	23706 S	00761	FO	92081622	223413	000300	140 V	FESBCK: 312, SO;
PIH00	NOVA CYG 9	55	09.27	2029073	+522743	L 1	23706 L	00761	FO	92081622	222801	000010	360 V	FESBCK: 312, SO;
PIH00	NOVA CYG 9	55	09.33	2029073	+522743	H 3	45359 S	00721	FO	92081622	224744	000600	150 V	GUIDE POSITION F
PIH00	NOVA CYG 9	55	09.33	2029073	+522743	H 3	45359 L	00721	FO	92081622	224228	000100	150 V	GUIDE POSITION F
PIH00	NOVA CYG 9	55	09.26	2029073	+522743	H 1	23707 L	00765	FO	92081622	223046	001500	131 V	
PIH00	NOVA CYG 9	55	09.15	2029073	+522743	H 3	45360 L	00851	FO	92081700	000604	004200	141 V	
PIH00	NOVA CYG 9	55	09.59	2029073	+522743	L 1	23801 L	00573	FO	92082917	174003	002500	351 V	FESBCK: 340, SO;
PIH00		00	99.99	2029073	+522743	L 1	23802	00000		92082900	000000	000000	141 V	FESBCK: 340, SO;
PIH00	NOVA CYG 9	55	09.60	2029073	+522743	L 3	45468 L	00566	FO	92082918	181351	009000	250 V	FESBCK: 340, SO; TWO
PIH00	NOVA CYG 9	55	09.58	2029073	+522743	L 3	45469 S	00578	FO	92082921	212449	000800	370 V	FESBCK: 340, SO;
PIH00	NOVA CYG 9	55	09.58	2029073	+522743	L 3	45469 L	00578	FO	92082921	211749	000110	150 V	FESBCK: 340, SO;
PIH00	NOVA CYG 9	55	09.56	2029073	+522743	H 1	23803 L	00586	FO	92082920	201501	009000	371 V	FESBCK: 340, SO; THREE
PIH00	NOVA CYG 9	55	09.56	2029073	+522743	H 3	45470 L	00587	FO	92082922	223103	013600	270 V	FESBCK: 340, SO;
PIH00	N CYG 92	55	09.70	2029073	+522743	L 1	23965 S	00519	FO	92091719	195313	000500	371 V	FESBCK: 349, SO;
PIH00	N CYG 92	55	09.70	2029073	+522743	L 1	23965 L	00519	FO	92091719	194721	000021	151 V	FESBCK: 349, SO;
PIH00	N CYG 92	55	09.70	2029073	+522743	L 3	45670 L	00520	FO	92091700	000000	000150	150 V	FESBCK: 349, SO;
PIH00	N CYG 92	55	09.68	2029073	+522743	H 1	23966 L	00529	FO	92091720	205352	004000	351 V	FESBCK: 349, SO;
PIH00	N CYG 92	55	09.64	2029073	+522743	L 1	23967 L	00546	FO	92091722	220807	000400	471 V	FESBCK: 349, SO;
PIH00	NOVA CYGNI	55	09.90	2029073	+522743	H 1	24138 L	00434	FO	92102315	153447	006000	352 V	FESBCK: 490, SO
NOSS	NOVA CYG	55	8.300	2029079	+522743	L 1	23276 L	1489	FO	92060917	175900	000010	3x2 G E=1.5X, C=59, B=34	
NOSS	NOVA CYG	55	8.300	2029079	+522743	L 1	23276 S	1467	FO	92060918	181700	000300	4x2 G E=3X, C=146, B=34	
NOSS	N CYG 92	55	8.500	2029079	+522743	H 1	23277 L	1482	FO	92060919	191300	001300	3x3 G E=2X, C=84, B=42	
NOSS	N CYG 92	55	8.500	2029079	+522743	L 1	23312 L	1373	FO	92061618	182000	000010	3x2 G E=1.5X, C=69, B=35	
NOSS	N CYG 92	55	8.500	2029079	+522743	L 1	23312 S	1401	FO	92061618	182700	000300	4x2 G E=4X, C=160, B=31	
NOSS	NOVA CYG	55	8.500	2029079	+522743	L 1	23424 L	1138	FO	92070315	154000	000006	243 G E=187, C=60, B=43	
NOSS	NOVA CYG	55	8.500	2029079	+522743	L 1	23424 S	1109	FO	92070315	155000	000300	423 G E=10X, C=165, B=42	
NOSS	N CYG 92	55	8.500	2029079	+522743	L 1	23425 L	1108	FO	92070316	165000	001100	354 G E=226, C=92, B=57	
NOSS	N CYG 92	55	0.900	2029079	+522743	L 1	23501 L	1027	FO	92071416	161400	000008	352 G E=203, C=56, B=34	

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment	
NOSS	N CIG 92	55	0.900	2029079	+522743	L 1	23501 S	1020	FO	92071416	162300	000300	4X2	G E=1.5X,C=170,B=34	
NOSS	NOVA CIG	55	10.50	2029079	+522743	L 1	23869 L	686	FO	92090712	121100	000021	3?9	G E=1.5x,C=167,B=135	
NOSS	NOVA CIG	55	10.50	2029079	+522743	L 1	23869 S	681	FO	92090712	121600	000530	??9	G E=8x,C=1.5x,B=135	
NOSS	N CIG 92	55	9.800	2029079	+522743	L 1	24153 L	532	FO	92102602	022800	000020	32	G E=118,B=32	
NOSS	N CIG 92	55	9.800	2029079	+522743	L 1	24153 S	532	FO	92102602	023700	000500	3X2	G E=3X,C=82,B=32	
NOSS	N CIG 92	55	9.800	2029079	+522743	L 1	24154 L	524	FO	92102604	044200	000500	3X2	G E=7X,C=130,B=32	
NOSS	N CIG 92	55	12.00	2029079	+522743	L 1	24404 L	405	FO	92120408	083900	000050	332	G E=128,C=70,B=32	
NOSS	CIG 1992	55	12.00	2029079	+522743	H 1	24459 L	383	FO	92121206	065800	011000	343	G E=172,C=110,B=50	
NOSS	N CIG 92	55	8.300	2029079	+522743	L 3	44901 L	1454	FO	92060918	182500	000035	350	G E=214,C=36,B=15	
NOSS	N CIG 92	55	8.300	2029079	+522743	L 3	44901 S	1461	FO	92060918	183400	000500	3X0	G E=5X,C=54,B=15	
NOSS	N CIG 92	55	8.500	2029079	+522743	H 3	44902 L	1508	FO	92060919	194700	006500	3X2	G E=1.5X,C=82,B=33	
NOSS	N CIG 92	55		2029079	+522743	L 3	44937 L	1428	FO	92061617	174800	000038	250	G E=221,C=28,B=16	
NOSS	N CIG 92	55		2029079	+522743	H 3	44938 L	1410	FO	92061618	185900	011000	3X3	G E=2X,C=122,B=43	
NOSS	N CIG 92	55	8.500	2029079	+522743	L 3	45059 L	1122	FO	92070315	155800	000042	351	G E=208,C=56,B=28	
NOSS	N CIG 92	55	8.500	2029079	+522743	L 3	45059 S	1133	FO	92070316	160900	000700	3X1	G E=5X,C=75,B=27	
NOSS	N CIG 92	55	8.500	2029079	+522743	H 3	45060 L	1112	FO	92070317	172600	008300	X9	G E=1.5X,B=105,B=56	
NOSS	N CIG 92	55	0.900	2029079	+522743	L 3	45135 L	1022	FO	92071415	154900	000051	350	G E=225,C=46,B=19	
NOSS	N CIG 92	55	0.900	2029079	+522743	L 3	45135 S	1037	FO	92071416	160100	000700	3X0	G E=5X,C=70,B=19	
NOSS	N CIG 92	55	0.900	2029079	+522743	H 3	45136 L	1051	FO	92071416	165800	011000	3X3	G E=1.5X,C=113,B=45	
NOSS	NOVA CIG	55		2029079	+522743	H 3	45311 L	941	FO	92081013	130300	014000	3X9	G E=2.5X,C=220,B=140	
NOSS	NOVA CIG	55	10.50	2029079	+522743	L 3	45547 L	689	FO	92090711	113900	000150	3?9	G E=2x,C=250,B=220	
NOSS	NOVA CIG	55	10.50	2029079	+522743	L 3	45547 S	697	FO	92090711	115100	001500	3?9	G E=2x,C=250,B=220	
NOSS	NOVA CIG	55	10.50	2029079	+522743	L 3	45548 L	678	FO	92090712	125000	000140	351	G E=223,C=54,B=23	
NOSS	NOVA CIG	55	10.50	2029079	+522743	H 3	45549 L	675	FO	92090713	132200	008500	347	G E=220,C=150,B=87	
NOSS	N CIG 92	55	9.950	2029079	+522743	L 3	46064 L	529	FO	92102601	015800	000155	350	G E=182,C=39,B=14	
NOSS	N CIG 92	55	9.950	2029079	+522743	L 3	46064 S	523	FO	92102602	020800	001500	300	G C=58,B=14	
NOSS	N CIG 92	55	12.00	2029079	+522743	L 3	46404 L	410	FO	92120408	083200	000210	340	G E=144,C=70,B=15	
NOSS	SKYBKND	07		2029151	+522750	L 1	23672 L	0		92081015	150000	003000	05	G B=62	
USSBS	HD	196379	33	6.200	2033230	+514051	H 1	23246 L	8927	FO	92060310	102800	008000	503	G C=212,B=47
SFOJE	HD	196610	49	5.800	2035378	+180530	L 1	23264 L	15406	FO	92060616	161500	000800	G	
SFOJE	HD	196610	49	6.250	2035378	+180530	L 1	23293 L	16058	FO	92061317	170600	000800	242	G E=178,C=54,B=36
SFOJE	HD	196610	49	6.250	2035378	+180530	L 1	23335 L	17050	FO	92062016	163100	000800	242	G E=170,C=50,B=33
SFOJE	HD	196610	49	6.250	2035378	+180530	L 1	23390 L	18538	FO	92062814	144100	000800	342	G E=180,C=65,B=39
SFOJE	HD	196610	49	6.250	2035378	+180530	L 1	23432 L	19990	FO	92070412	125000	000800	242	G E=138,C=52,B=34
SFOJE	HD	196610	49	6.250	2035378	+180530	L 1	23492 L	19040	FO	92071314	145400	000800	342	G E=169,C=59,B=38
SFOJE	HD	196610	49	6.250	2035378	+180530	L 1	23530 L	19202	FO	92071814	144800	000800	343	G E=174,C=70,B=45
SFOJE	HD	196610	49	6.250	2035378	+180530	L 1	23585 L	17158	FO	92072612	120800	000800	252	G E=186,C=50,B=35
SFOJE	HD	196610	49	6.250	2035378	+180530	L 1	23619 L	15931	FO	92080214	141700	000800	242	G E=181,C=53,B=34
PHCAL	HD	00196519	22	5.140	2037234	-665621	H 1	23684 L	20601	FO	92081202	024400	000455	403	G C=182,B=42
PHCAL	HD	00196519	22	5.140	2037234	-665621	H 3	45320 L	21022	FO	92081202	025900	001150	502	G C=198,B=40
PHCAL	HD	00196519	22	5.140	2037234	-665621	L 3	45321 L	21510	FO	92081203	034500	000008	400	G C=138,B=15
PHCAL	HD	00197637	21	6.780	2038018	+791515	H 1	23676 L	5189	FO	92081113	134300	000550	407	G C=219,B=82
PHCAL	HD	00197637	21	6.780	2038018	+791515	L 1	23687 L	5269	FO	92081214	144200	000005	502	G C=192,B=33
PHCAL	HD	00197637	21	6.780	2038018	+791515	H 3	45313 L	5319	FO	92081112	125800	001135	407	G C=238,B=89
PHCAL	HD	00197637	21	6.780	2038018	+791515	L 3	45314 L	5132	FO	92081114	142000	000008	500	G C=202,B=12
SSOEL	Y DEL	43	10.80	2039156	+114151	L 3	45938 L	276	FO	92101310	102500	014400	02	G B=39	
PIO93	HR DEL	55	10.67	2040042	+185852	L 3	45475 L	00219	FO	92083017	175950	002200	500	V FESBCK: 34,S/O;	
PIO93	HR DEL	55	12.81	2040042	+185852	L 3	45476 L	00129	SO	92083018	185416	002200	500	V FESBCK: 34,SO;	
PIO93	HR DEL	55	12.89	2040042	+185852	L 3	45477 L	00120	SO	92083019	194543	002200	500	V FESBCK: 34,S/O;	
PIO93	HR DEL	55	13.04	2040042	+185852	L 3	45478 L	00105	SO	92083020	205756	002200	500	V FESBCK: 34, S/O;	

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsstt	ECC	Comment
PI093	HR DEL	55	12.88	2040042	+185852	L 3	45479 L	00121	SD	92083021	212940	002200	500	V FESBCK: 34, S/O;
PI093	HR DEL	55	12.88	2040042	+185852	L 3	45480 L	00121	SD	92083022	222150	002200	500	V FESBCK: 34, S/O;
PI093	HR DEL	55	12.75	2040042	+185852	L 3	45481 L	00137	SD	92083023	231406	002200	500	V FESBCK: 34, S/O;
TEOIS	HD 197157	31	4.510	2040227	-520605	L 3	45800 L	395	FJ	92092910	100900	000215	500	G G=194, B=13
ACRM	MRK509	84	13.00	2041262	-105418	L 1	24151 L	644	SD	92102522	224600	003500	452	G E=225, C=172, B=37
ACRM	MRK509	84	13.00	2041262	-105418	L 1	24152 L	641	SD	92102600	002200	003000	452	G E=210, C=160, B=36
ACRM	MRK 509	84	13.00	2041262	-105418	L 1	24187 L	169	FO	92102922	225300	003000	452	G E=236, C=160, B=40
ACRM	MRK 509	84	13.00	2041262	-105418	L 1	24188 L	171	FO	92103000	002400	002500	452	G E=198, C=150, B=35
ACRM	MRK509	84	13.00	2041262	-105418	L 3	46062 L	642	SD	92102521	213700	005500	350	G E=222, C=105, B=18
ACRM	MRK509	84	13.00	2041262	-105418	L 3	46063 L	650	SD	92102523	232700	005000	350	G E=215, C=89, B=17
ACRM	MRK 509	84	13.00	2041262	-105418	L 3	46093 L	692	SD	92102921	214900	005500	341	G E=173, C=100, B=24
ACRM	MRK 509	84	13.00	2041262	-105418	L 3	46094 L	173	FO	92102923	232900	005000	351	G E=218, C=90, B=23
AGND	MRK 509	84	13.00	2041263	-105418	L 1	23353 L	55	SD	92062210	101100	003500	452	G E=205, C=150, B=35
AGND	MRK 509	84	13.00	2041263	-105418	L 3	44975 L	57	SD	92062209	091400	005000	341	G E=142, C=72, B=23
SLOCA	HD 197770	20	6.320	2041580	+565558	L 1	24568 L	8547	FO	92122406	063100	000600	X02	G C=4X, B=39
SLOCA	HD 197770	20	6.320	2041580	+565558	L 1	24568 S	8307	FO	92122406	065300	000200	X02	G G=2X, B=39
SLOCA	HD 197770	20	6.320	2041580	+565558	L 3	46572 L	8683	FO	92122405	053600	000300	500	G G=221, B=15
AUCK	HD 197481	48	8.600	2042038	-313105	L 1	23878 L	1102	FO	92090900	005900	002000	342	G E=176, C=70, B=39
AUCK	HD 197481	48	8.600	2042038	-313105	L 1	23879 L	1140	FO	92090902	023200	002000	342	G E=164, C=70, B=38
AUCK	HD 197481	48	8.600	2042038	-313105	L 1	23880 L	1172	FO	92090904	040400	002000	342	G E=178, C=72, B=35
AUCK	HD 197481	48	8.600	2042038	-313105	L 1	23881 L	1119	FO	92090905	055300	002000	242	G E=179, C=54, B=35
AUCK	HD 197481	48	8.600	2042038	-313105	L 1	23882 L	1110	FO	92090907	074300	002000	42	G E=179, C=55, B=37
AUCK	HD 197481	48	8.600	2042038	-313105	L 1	23883 L	1127	FO	92090909	091600	002000	342	G E=169, C=76, B=36
AUCK	HD 197481	48	8.600	2042038	-313105	L 1	23884 L	1161	FO	92090910	105400	002000	342	G E=163, C=59, B=37
AUCK	HD 197481	48	8.600	2042038	-313105	L 1	23885 L	1158	FO	92090912	122900	002000	242	G E=156, C=54, B=37
AUCK	HD 197481	48	8.600	2042038	-313105	L 3	45574 L	1044	FO	92090900	001600	003400	30	G E=82, B=17
AUCK	HD 197481	48	8.600	2042038	-313105	L 3	45575 L	1107	FO	92090901	014100	003600	30	G E=74, B=20
AUCK	HD 197481	48	8.600	2042038	-313105	L 3	45576 L	1125	FO	92090903	031200	003600	30	G E=73, B=20
AUCK	HD 197481	48	8.600	2042038	-313105	L 3	45577 L	1146	FO	92090904	044400	006000	331	G E=120, C=55, B=24
AUCK	HD 197481	48	8.600	2042038	-313105	L 3	45578 L	1102	FO	92090906	063600	006000	31	G E=116, B=25
AUCK	HD 197481	48	8.600	2042038	-313105	L 3	45579 L	1075	FO	92090908	082600	003600	30	G E=80, B=18
AUCK	HD 197481	48	8.600	2042038	-313105	L 3	45580 L	1116	FO	92090910	100300	003600	31	G E=102, B=21
AUCK	HD 197481	48	8.600	2042038	-313105	L 3	45581 L	1152	FO	92090911	113900	003600	40	G E=142, B=20
AUCK	HD 197481	48	8.600	2042038	-313105	L 3	45582 L	1210	FO	92090913	132000	001600	230	G E=60, C=32, B=16
PC100	AU MIC	52	07.32	2042044	-313119	L 3	45583 L	04297	FO	92090916	165120	003000	140	V FESBCK: 34, SO;
PC100	AU MIC	52	08.91	2042044	-313119	H 1	23887 L	01048	FO	92090917	172911	001500	111	V FESBCK: 34 SO; RP1: -12
PC100	AU MIC	52	08.90	2042045	-313120	L 3	45584 L	01062	FO	92090918	182101	004500	140	V FESBCK: 34, SO;
SFOJE	HD 197812	49	6.380	2043108	+175426	L 1	23263 L	11753	FO	92060615	150700	002000	342	G E=140, C=72, B=37
SFOJE	HD 197812	49	6.380	2043108	+175426	L 1	23292 L	11854	FO	92061316	160200	002000	342	G E=144, C=73, B=39
SFOJE	HD 197812	49	6.380	2043108	+175426	L 1	23334 L	11781	FO	92062015	152800	002000	332	G E=135, C=70, B=36
SFOJE	HD 197812	49	6.380	2043108	+175426	L 1	23389 L	11179	FO	92062813	134200	002000	342	G E=154, C=70, B=39
SFOJE	HD 197812	49	6.380	2043108	+175426	L 1	23433 L	12277	FO	92070414	140000	002000	335	G E=156, C=95, B=67
SFOJE	HD 197812	49	6.380	2043108	+175426	L 1	23491 L	11106	FO	92071313	135100	002000	343	G E=142, C=70, B=41
SFOJE	HD 197812	49	6.380	2043108	+175426	L 1	23529 L	11177	FO	92071813	134800	002000	234	G E=156, C=80, B=60
NI200	HD197890	46	09.84	2044337	-364645	L 1	24282 L	00460	FO	92110615	154652	002000	341	V FESBCK: 442, SO; RP1: -1
NI200	HD197890	46	09.80	2044337	-364645	L 3	46145 L	00473	FO	92110616	162129	003000	110	V FESBCK: 442, SO;
NI199	HD197890	46	10.00	2044339	-364645	L 1	23251 L	00398	FO	92060504	044256	000800	331	V HEAD
NI195	HD 197890	46	09.96	2044339	-364645	L 3	44853 L	00411	FO	92060403	030454	010300	230	V
NI200	HD197890	46	09.82	2044339	-364645	L 1	24261 L	00466	FO	92110418	182014	002000	331	V FESBCK: 129, FO; RP1 (-
NI200	HD197890	46	09.84	2044339	-364645	L 1	24283 L	00457	FO	92110617	170016	001000	330	V FESBCK: 442, SO;

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mm	mm	stt	ECC	Comment
SSOBL	V DEL	43	8.100	2045296	+190859	L 3	45943 L	495	FO	92101411	112100	008800				00 G B=20
PAL30	HD 223816	41	09.87	2050238	-704010	L 3	45961 L	00444	FO	92101616	164009	000440				301 V FESECK:140,FO;FP1 (-1
COOMA	CERES	05	7.890	2051001	-273523	L 1	23408 L	1973	FO	92063013	135900	000700				402 G C=153,B=40
COOMA	CERES	05	7.890	2051153	-273320	L 1	23407 L	1830	FO	92063006	060200	044000				X09 G C=2X,B=141
NI200	HD199143	41	07.70	2052588	-171822	L 3	46129 L	03085	FO	92110413	134306	003000				320 V FESECK:134,FO;
NI200	HD199143	41	07.71	2052588	-171822	H 1	24260 L	03066	FO	92110414	142134	004000				331 V FESECK:134,FO;
NI200	HD199143	41	07.68	2052588	-171822	L 3	46130 L	03127	FO	92110415	151011	012000				631 V FESECK:134,FO;
PC016	GL813	43	12.27	2055103	+221013	L 1	24195 L	00209	SO	92103013	135951	020000				203 V FESECK:477,SO;
CIQJR	CYG LOOP	75		2055133	+305329	L 3	45597 L	0	BO	92091100	000000	019500				333 G E=66,C=67,B=44
CIQJR	CYG LOOP	75		2055146	+305346	L 3	45587 L	0	BO	92090923	235500	012000				31 G E=70,B=25
CIQJR	CYG LOOP	75		2055160	+305403	L 3	45588 L	0	BO	92091002	023000	012000				31 G E=91,B=27
CIQJR	CYG LOOP	75		2055170	+305413	L 1	23899 L	0	BO	92091100	002900	016500				334 G E=93,C=87,B=56
CIQJR	CYG LOOP	75		2055173	+305420	L 3	45589 L	0	BO	92091005	050300	011000				32 G E=100,B=33
CIQJR	CYG LOOP	75		2055183	+305429	L 1	23890 L	0		92091000	001800	009500				03 G B=48
CIQJR	CYG LOOP	75		2055186	+305437	L 3	45598 L	0	BO	92091103	034800	018300				33 G E=102,B=45
CIQJR	CYG LOOP	75		2055198	+305446	L 1	23891 L	0		92091002	025800	008000				03 G B=45
CIQJR	CYG LOOP	75		2055211	+305504	L 1	23892 L	0		92091005	053000	007500				02 G B=36
CIQJR	CYG LOOP	75		2055223	+305521	L 1	23900 L	0	BO	92091104	041900	013000				304 G C=79,B=52
SUMM	SATURN	03	0.600	2056176	-182240	L 3	46073 L	0	BO	92102621	214500	018000				?53 G E=212,C=5X,B=41
SUMM	SATURN	03	0.600	2056176	-182240	L 3	46074 L	0	BO	92102701	010900	020000				X53 G E=241,C=5X,B=43
SUMM	SATURN	03	0.600	2056191	-182233	L 3	46075 L	0	BO	92102704	045200	018000				??3 G E=1.5X,C=5X,B=41
SUMM	SATURN	03	0.600	2056191	-182233	L 3	46076 L	0	BO	92102708	081800	008500				XX1 G E=1.5X,C=3X,B=26
PS069	SATURN	03	00.00	2056200	-182302	L 1	24068 L	00000	BO	92100414	145422	000300				600 V RINGS: 15 ARSEC WEST
PS069	SATURN	03	00.00	2056200	-182302	L 1	24069 S	00000	BO	92100415	154434	002500				700 V RINGS 15 ARCSEC WEST
PS069	SATURN	03	00.00	2056200	-182302	L 1	24070 S	00000	BO	92100416	164907	000200				600 V RING 19 ARCSEC WEST
PS069	SATURN	03	00.00	2056200	-182302	L 1	24071 S	00000	BO	92100417	172841	004000				700 V RING 19 ARCSEC WEST
PS069	SATURN	03	00.00	2056200	-182302	L 1	24072 S	00000	BO	92100418	184505	000200				600 V RING 12 ARCSEC WEST
PS069	SATURN	03	00.00	2056200	-182013	L 1	24073 S	00000	BO	92100419	192430	003000				700 V RING 12 ARCSEC WEST
PS069	SATURN	03	00.00	2056200	-182014	L 1	24074 S	00000	BO	92100420	203040	000500				600 V RING 15 ARCSEC EAST
NEOSS	SATURN R	04	5.500	2056213	-182258	L 1	24067 S	0	BO	92100411	113100	000400				02 G B=35
NEOSS	SATURN R	04	5.500	2056217	-182259	L 1	24066 S	0	BO	92100410	101300	000100				03 G B=50
NEOSS	IAPEIUS	04	11.30	2056240	-181916	L 1	24247 L	300	FO	92110304	042200	001500				304 G C=97,B=54
NEOSS	IAPEIUS	04	11.30	2056240	-181916	L 1	24248 L	296	FO	92110305	051800	005500				406 G C=200,B=75
SUJC	SKYKOND	07		2056522	-191444	H 3	45678 S	0		92091910	104900	016000				38 G E=190,B=100
NEOSS	IAPEIUS	04	10.50	2057592	-181910	L 1	23999 L	123	SO	92092501	011900	008413				33 G E=85,B=45
SUJC	SATURN	03	0.400	2058174	-181515	H 3	45676 S	0		92091816	164300	097000				X09 G C=1.5X,B=150
SUJC	SATURN	03	0.400	2058174	-181515	H 3	45677 L	0	BO	92091909	093500	004500				X33 G E=139,C=5X,B=45
SUJC	SKYKOND	07		2058180	-181517	L 1	23973 L	0		92091907	071900	003000				02 G B=35
PS097	SATURN	03	00.60	2058232	-181445	E 9	02574 2	00000	BO	92091816	163000	016000				V FESECK:47,SO;FOR SWP
NA013	FG2059+013	28	15.00	2059416	+011900	L 1	23243 L	00000	BO	92060301	013655	001000				111 V
NA013	FG2059+013	28	15.00	2059416	+011900	L 3	44840 L	00000	BO	92060301	015227	008000				111 V
SSOBL	X CEP	43	12.70	2100034	+825141	L 3	45937 L	164	FO	92101305	054200	024000				307 G C=109,B=84
NC199	HD200391	44	07.73	2100167	+273634	L 1	23249 L	02992	FO	92060500	000510	000230				651 V R.P. (-126,-181)
NC199	HD200391	44	07.74	2100167	+273634	L 3	44865 L	02967	FO	92060500	001625	005000				330 V R.P. (-126,-181)
NC199	HD200391	44	07.80	2100167	+273634	L 1	23250 L	02822	FO	92060502	022043	000230				551 V R.P. (-126,-181)
NC199	HD200391	44	07.75	2100167	+273634	L 3	44866 L	02959	FO	92060501	014514	010000				330 V DOUBLE EXP, 3 SEGS
NC199	HD200391	44	07.76	2100167	+273634	L 3	44851 L	02918	FO	92060323	230130	005000				330 V R.P. (-126,-181)
NC199	HD200391	44	07.73	2100167	+273634	H 1	23247 L	03008	FO	92060321	214057	007000				331 V
NC199	HD200391	44	07.71	2100167	+273634	L 1	23248 L	03054	FO	92060400	000019	000600				651 V DOUBLE EXPOSURE
NC199	HD200391	44	07.79	2100167	+273634	L 3	44852 L	02836	FO	92060400	003429	005000				330 V 2 SEGMENTS OF 25 MIN

FFO	Object	CL	MFG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
PHCAL SKY BKCD		07		2100222	+825236	L 1	24096 L	0		92101306	060200	006000	03 G	B=41
PHCAL SKY BKCD		07		2100222	+825235	L 1	24097 L	0		92101307	072800	006000	03 G	B=49
FNCFB NGC 7009		70	11.00	2101273	-113403	L 1	23413 L	0		92070109	094900	003500	453 G	E=208,C=155,B=42
FNCFB NGC	7009	70	11.00	2101273	-113403	L 3	45047 L	0	BO	92070113	132400	003000	3X2 G	E=1.5X,C=85,B=31
FNCFB NGC	7009	70	11.00	2101281	-113403	L 1	23411 L	0	BO	92070106	060500	002000	342 G	E=139,C=95,B=33
FNCFB NGC	7009	70	11.00	2101281	-113350	L 1	23412 L	0	BO	92070107	075000	004500	4X3 G	E=1.5X,C=170,B=41
FNCFB NGC	7009	70	11.00	2101281	-113403	L 3	45043 L	0	BO	92070105	054700	001000	230 G	E=111,C=36,B=17
FNCFB NGC	7009	70	11.00	2101281	-113403	L 3	45044 L	0	BO	92070106	065700	002500	230 G	E=87,C=38,B=20
FNCFB NGC	7009	70	11.00	2101281	-113350	L 3	45045 L	0	BO	92070108	084900	003000	3X1 G	E=2X,C=79,B=21
FNCFB NGC	7009	70	11.00	2101290	-113350	L 3	45046 L	0	BO	92070110	103500	012000	231 G	E=82,C=50,B=30
FNCFB NGC	7009	71	11.00	2101291	-113350	L 3	45619 L	0	BO	92091300	003400	037500	349 G	E=205,C=140,B=105
NSOSS JAPETUS		04	12.80	2106308	-174050	L 1	24454 L	0	BO	92121019	190200	041000	409 G	C=223,B=111
PHCAL HD 00201908		22	5.920	2106320	+775527	H 1	23631 L	11865	FO	92080413	130400	000550	403 G	C=170,B=42
PHCAL HD 00201908		22	5.920	2106320	+775527	L 1	23632 L	12101	FO	92080413	134600	000005	502 G	C=184,B=33
PHCAL HD 00201908		22	5.920	2106320	+775527	L 1	23674 L	12580	FO	92081111	115300	000005	402 G	C=181,B=32
PHCAL HD 00201908		22	5.920	2106320	+775527	H 1	23675 L	12226	FO	92081112	123600	000655	406 G	C=216,B=79
PHCAL HD 00201908		22	5.920	2106320	+775527	L 3	45229 L	11247	FO	92072617	172200	000013	500 G	C=185,B=15
PHCAL HD 00201908		22	5.920	2106320	+775527	H 3	45273 L	11388	FO	92080316	161400	001600	502 G	C=223,B=39
PHCAL HD 00201908		22	5.920	2106320	+775527	L 3	45278 L	12007	FO	92080412	125400	000013	500 G	C=192,B=15
FC016 GL 821		48	11.18	2106325	-133012	L 1	24196 L	00139	FO	92103018	184152	012500	333 V	FESBECK:560,SO;
HECAP HD 202759		33	9.090	2116024	-340745	L 1	24146 L	816	FO	92102507	073300	000715	502 G	C=218,B=34
HECAP HD 202759		33	9.090	2116024	-340745	L 3	46056 L	789	FO	92102506	065300	002000	300 G	C=102,B=18
TEOIS HD 203280		31	2.440	2117232	+622224	L 3	45759 L	2143	FU	92092313	133800	000018	500 G	C=238,B=20
HECAP HD 203563		33	8.220	2120276	+020148	L 1	24145 L	1623	FO	92102505	055000	000340	X01 G	C=1.5X,B=29
HECAP HD 203563		33	8.220	2120276	+020148	L 3	46055 L	1623	FO	92102506	060200	000800	500 G	C=230,B=15
SFOJE HD 203712		49	6.200	2120517	+404306	L 1	23261 L	11127	FO	92060613	130600	002000	352 G	E=193,C=66,B=32
SFOJE HD 203712		49	7.300	2120517	+404306	L 1	23291 L	10512	FO	92061312	125600	002000	342 G	E=158,C=59,B=36
SFOJE HD 203712		49	7.300	2120517	+404306	L 1	23333 L	9560	FO	92062014	142500	002000	342 G	E=177,C=60,B=34
SFOJE HD 203712		49	7.300	2120517	+404306	L 1	23391 L	8368	FO	92062815	152500	002000	345 G	E=174,C=85,B=61
SFOJE HD 203712		49	7.300	2120517	+404306	L 1	23435 L	7813	FO	92070415	155500	002000	348 G	E=213,C=117,B=92
SFOJE HD 203712		49	7.300	2120517	+404306	L 1	23490 L	7724	FO	92071312	124800	002000	242 G	E=177,C=56,B=38
SFOJE HD 203712		49	7.300	2120517	+404306	L 1	23528 L	7643	FO	92071812	124900	002000	243 G	E=173,C=60,B=43
SFOJE HD 203712		49	7.300	2120517	+404306	L 1	23588 L	7473	FO	92072615	154100	002000	333 G	E=149,C=75,B=50
SFOJE HD 203712		49	7.300	2120517	+404306	L 1	23618 L	7412	FO	92080212	124800	002000	342 G	E=155,C=59,B=37
SSNM SATURN		03	0.600	2122094	-162002	L 3	44878 L	0	BO	92060705	054700	012000	X51 G	E=185,C=2X,B=24
SSNM SATURN		03	0.600	2122094	-162002	L 3	44879 L	0	BO	92060708	081100	012000	G	
SSNM SATURN		03	0.600	2122094	-162002	L 3	44880 L	0	BO	92060710	105000	009000	X41 G	E=150,C=2X,B=26
SSNM SATURN		03	0.600	2122094	-162002	L 3	44881 L	0	BO	92060712	124800	012000	X51 G	E=195,C=2X,B=28
SSNM SATURN		03	0.600	2122094	-162002	L 3	44882 L	0	BO	92060715	151400	011000	X52 G	E=235,C=2X,B=37
SSNM SATURN B		07		2122094	-162002	L 3	44883 L	0	BO	92060717	173900	006000	51 G	E=245,B=22
PA067 HD41500		23	07.95	2122553	+603453	H 3	46541 L	02476	FO	92122014	144610	005500	500 V	FESBECK:189,FO;
PA067 HD41500		23	07.96	2122553	+603453	H 3	46542 L	02458	FO	92122016	162239	002500	400 V	FESBECK:189,FO;
PAL35 HD204041		30	06.72	2123178	+001901	L 3	46040 L	07242	FO	92102218	185353	000600	700 V	FESBECK:380,SO;
PA060 HD204188		31	06.50	2124072	+190928	L 3	45290 L	08761	FO	92080517	173259	003000	700 V	FESBECK: 35,S/O
AFNIS HD 204188		33	6.000	2124072	+190929	L 3	44999 L	9572	FO	92062418	180800	002000	X00 G	C=4X,B=13
PA060 204188		31	06.48	2124072	+190928	H 1	23645 L	08945	FO	92080518	180938	004000	600 V	FESBECK: 35;S/O
AFNIS HD 204188		33	6.000	2124072	+190929	L 3	45754 L	9076	FO	92092308	083600	000715	501 G	C=217,B=24
PA060 HD204188		31	06.43	2124073	+190929	L 3	45291 L	09285	FO	92080518	185720	003000	700 V	FESBECK: 35; S/O
PA060 HD204188		31	06.40	2124073	+190929	H 1	23646 L	09558	FO	92080519	193419	003000	500 V	FESBECK: 35;S/O
PA072 HD 205021		26	03.20	2125013	+702028	H 3	45622 L	01480	FU	92091315	155713	000014	501 V	FESBECK:147,FO;

FFO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmunsst	ECC	Comment
PA072 HD	205021	26	03.32	2125013	+702028	H 1	23920 L	01327	FU	92091316	160213	000014	502 V	FESBCK:147,FO;
PHCAL SFO	190374	00	04.81	2125525	-220134	E 9	02641 2	28000	FO	92120115	155400	016000		V FESBCK:203,FO; FES T
PHCAL SFO	190374	00	04.90	2125525	-220134	E 9	02653 2	26872	FO	92120216	161000	016000		V FESBCK:198,FO; FES T
PA071 HD	205021	20	02.10	2128013	+702028	H 3	46186 L	03909	FU	92110900	000000	000000	500 V	
SWQJN HD	205021	20	3.300	2128013	+702028	H 3	46153 L	2027	FU	92110803	033400	000014	502 G	C=200,B=34
PA071 HD	205021	20	01.46	2128013	+702028	H 3	46204 L	06855	FU	92111016	162427	000017	500 V	FESBCK:4498,FO;
SWQJN HD	205021	23	3.300	2128013	+702028	H 3	46255 L	10034	FU	92111304	043500	000016	502 G	C=211,B=32
PA071 HD	205021	20	00.86	2128013	+702028	H 3	46244 L	11267	FU	92111213	131231	000016	500 V	FESBCK:9453,FO;
PA071 HD	205021	20	01.72	2128013	+702028	H 3	46222 L	05482	FU	92111114	141629	000016	500 V	FESBCK:3365,FO;
PA067 HD	205139	23	05.77	2129368	+601418	H 3	46540 L	15640	FO	92122013	134430	001600	600 V	
FNDA	HJL-2	70	12.50	2131069	+392440	H 1	23709 L	256	SD	92081714	142700	014000	34 G	E=89,B=59
FNDA	HJL-2	70	12.50	2131077	+392449	L 1	24584 L	180	FO	92122502	024400	003000	335 G	E=117,C=95,B=65
FNDA	HJL-2	70	12.50	2131077	+392449	L 3	46578 L	179	FO	92122501	015200	004000	340 G	E=163,C=46,B=15
PEL50 NGC	7083	80	11.90	2131497	-640739	S 9	02570 2	00000	SD	92080922	221000	014000		V FES FOR IWP23669 AND
USQK NGC	7083	80	11.90	2131497	-640738	L 3	45312 L	0	SD	92081117	174300	046500	306 G	C=100,B=75
PEL50 NGC	7083	80	11.90	2131497	-640739	E 9	02571 2	00000	SD	92081017	171500	016000		V FES FOR SXP45312
FNOSH	ABELL78	70	13.20	2133201	+312818	L 1	23314 L	376	SD	92061714	141700	001000	402 G	C=166,B=34
FNOSH	ABELL78	70	13.20	2133201	+312818	L 3	44941 L	379	SD	92061713	135400	001000	550 G	E=220,C=200,B=16
FNOSH	ABELL78	70	13.20	2133201	+312818	L 3	44942 L	382	SD	92061714	145200	001000	550 G	E=200,C=198,B=18
SFOJE HD	205730	49	5.530	2134082	+450900	L 1	23262 L	20029	FO	92060614	141600	001000	342 G	E=137,C=56,B=32
SFOJE HD	205730	49	5.530	2134082	+450900	L 1	23290 L	23048	FO	92061313	135300	001000	232 G	E=102,C=51,B=33
SFOJE HD	205730	49	5.530	2134082	+450900	L 1	23332 L	25125	FO	92062013	132700	001000	232 G	E=120,C=50,B=32
SFOJE HD	205730	49	5.530	2134082	+450900	L 1	23392 L	26712	FO	92062816	162700	001000	343 G	E=152,C=70,B=44
SFOJE HD	205730	49	5.530	2134082	+450900	L 1	23434 L	27567	FO	92070414	145800	001000	344 G	E=183,C=93,B=59
SFOJE HD	205730	49	5.530	2134082	+450900	L 1	23489 L	363	FU	92071311	114500	001000	342 G	E=173,C=89,B=36
SFOJE HD	205730	49	5.530	2134082	+450900	L 1	23527 L	25816	FO	92071811	115900	001000	352 G	E=224,C=65,B=32
SFOJE HD	205730	49	5.530	2134082	+450900	L 1	23586 L	24792	FO	92072613	130100	001000	353 G	E=193,C=75,B=42
SFOJE HD	205730	49	5.530	2134082	+450900	L 1	23617 L	23409	FO	92080211	112900	001000	352 G	E=215,C=68,B=35
FNOSH NGC	7094	70	13.60	2134279	+123349	L 1	23315 L	305	SD	92061715	155700	002300	X03 G	C=1.5X,B=46
FNOSH NGC	7094	70	13.60	2134279	+123349	L 3	44943 L	343	SD	92061716	163200	001500	500 G	C=225,B=18
FNOSH NGC	7094	70	13.60	2134279	+123349	L 3	44944 L	391	SD	92061717	173700	001500	500 G	C=225,B=17
BWCSC HD	206135	73	8.400	2136005	+675736	L 1	23725 L	1528	FO	92082007	070800	000442	502 G	C=210,B=36
BWCSC HD	206135	73	8.400	2136005	+675736	L 3	45377 L	1536	FO	92082006	060600	001014	500 G	C=188,B=16
CECEG	EX PEG	66	11.20	2136390	+262848	L 1	24547 L	0	SD	92122104	043700	010500	305 G	C=97,B=69
OX93K	SS CYG	54	11.40	2140449	+432124	L 3	46280 L	163	FO	92111603	034300	003000	340 G	E=140,C=70,B=16
OX93K	SS CYG	54	11.40	2140449	+432124	L 3	46281 L	166	FO	92111604	045000	003000	340 G	E=142,C=65,B=19
DNOM	SS CYG	54	11.40	2140449	+432124	L 3	46286 L	169	FO	92111703	035000	003000	330 G	E=83,C=55,B=18
DNOM	SS CYG	54	11.40	2140449	+432124	L 3	46287 L	167	FO	92111704	045800	004500	331 G	E=101,C=65,B=27
DNOM	SS CYG	54	11.40	2140449	+432124	L 3	46292 L	321	FO	92111804	041000	003000	330 G	E=55,C=45,B=19
DNOM	SS CYG	54	11.40	2140449	+432124	L 3	46293 L	322	FO	92111805	052400	003000	331 G	E=74,C=63,B=29
PHCAL SKY		07	99.99	2144140	+620533	L 1	24539 L	00000		92121915	151858	006000	100 V	FESBCK:233,FO;
PHCAL SFO	164644	00	03.11	2144170	-162107	E 9	02671 2	01600	FU	92120616	160000	016000		V FESBCK:290,FO;ENI(-3
PA061 HD	207098	31	01.36	2144177	-162105	H 1	24312 L	07483	FU	92111512	121227	000200	500 V	FESBCK:6117,FO;
PA061 HD	207098	31	01.42	2144177	-162105	H 3	46273 L	07108	FU	92111512	122127	000800	500 V	FESBCK:6117,FO;
PA061 HD	207098	31	01.41	2144177	-162105	H 1	24313 L	07125	FU	92111513	133331	000215	500 V	FESBCK:6117,FO;
PA061 HD	207098	31	01.55	2144177	-162105	H 3	46274 L	06339	FU	92111513	134160	001000	500 V	FESBCK:6117,FO;
PA061 HD	207098	31	01.59	2144177	-162105	H 1	24314 L	06117	FU	92111514	144024	000215	500 V	FESBCK:6117,FO;
PA061 HD	207098	31	01.59	2144177	-162105	H 3	46275 L	06117	FU	92111514	144024	000215	500 V	FESBCK:6117,FO;
PA061 HD	207098	31	01.59	2144177	-162105	H 1	24315 L	06133	FU	92111515	154843	000215	500 V	FESBCK:6117,FO;
PA061 HD	207098	31	01.57	2144177	-162105	H 3	46276 L	06234	FU	92111515	155553	001000	500 V	FESBCK:6117,FO;

FRO	Object	CL	MAG	R.A.	DEC	D C	Image	A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
PA061	HD207898	31	01.57	2144177	-162105	H 1	24316	L	06249	FU	92111516	165217	000215	500	V FESBCK:6117,FO;
PA061	HD207098	31	01.57	2144177	-162105	H 3	46277	L	06249	FU	92111516	165820	001000	500	V FESBCK:6117,FO;
PA061	HD207098	31	06.86	2144177	-162105	H 1	24317	L	06425	FO	92111518	180246	000215	500	V FESBCK:6117,FO;
PA061	HD207098	31	01.50	2144177	-162105	H 3	46278	L	06617	FU	92111518	180840	001000	500	V FESBCK:6117,FO;
PA067	HD207308	23	07.68	2144188	+620437	H 3	46533	L	03132	FO	92121915	151430	009300	400	V FESBCK:233,FO;
GHDJ	22944066	16	14.80	2145104	-124949	L 1	23379	L	0	BO	92062609	091700	010000	506	G C=223,B=72
GHDJ	22944066	16	14.80	2145104	-124949	L 3	45014	L	0	BO	92062608	081100	006000	330	G E=87,C=81,B=20
IFCRS	HD 207757	57	8.000	2148360	+122327	H 1	24280	L	1077	FO	92110608	085200	003000	333	G E=125,C=85,B=45
IFCRS	HD 207757	57	8.000	2148360	+122327	H 3	46142	L	1059	FO	92110608	081600	001500		G
PA170	AG FEG	57	09.05	2148362	+122327	H 3	46060	L	00923	FO	92102514	142336	004500	250	V FESBCK:126,SO;
PA170	AG FEG	57	09.06	2148362	+122327	H 1	24149	L	00918	FO	92102515	151609	002500	332	V FESBCK:126,SO;
PA170	AG FEG	57	09.07	2148362	+122327	L 3	46061	L	00907	FO	92102516	160032	000500	360	V FESBCK:262,SO;
PHCAL	ED+28 4211	16	10.55	2148560	+283734	H 1	23377	L	00240	FO	92062602	025200	006500	502	V
PHCAL	ED+28 4211	16	10.69	2148560	+283734	H 3	45012	L	00213	FO	92062604	040209	004500	500	V
PHCAL	ED +284211	16	10.70	2148560	+283734	L 3	45158	L	00212	FO	92071700	005208	000027	500	V FESBCK: 184,SO;
PHCAL	ED +284211	16	10.71	2148560	+283734	L 1	23516	L	00210	FO	92071700	005702	000050	501	V FESBCK:184,SO;
PHCAL	ED +284211	16	10.72	2148560	+283734	L 1	23517	L	00208	FO	92071702	022351	000050	501	V FESBCK:184,SO;
PHCAL	ED +284211	16	10.66	2148560	+283734	H 3	45159	L	00220	FO	92071701	013114	004500	500	V FESBCK:184,SO;
PHCAL	ED+284211	16	10.81	2148560	+283734	H 1	23682	L	00193	FO	92081121	212319	006500	501	V
PHCAL	ED+284211	16	10.80	2148560	+283734	L 3	45316	L	00195	FO	92081121	211454	000027	500	V
PHCAL	ED+284211	16	10.72	2148560	+283734	L 1	23683	L	00209	FO	92081123	230742	000050	500	V
PHCAL	ED+284211	16	10.72	2148560	+283734	L 3	45317	L	00208	FO	92081122	223457	000027	500	V
PHCAL	ED+28 4211	16	10.66	2148560	+283734	L 3	45318	L	00221	FO	92081123	234931	000027	500	V
PHCAL	ED+284211	16	10.71	2148560	+283734	L 1	24251	L	00211	FO	92110311	114145	000050	500	V FESBCK:301,SO;
PHCAL	ED+284211	16	10.69	2148560	+283734	L 3	46121	L	00214	FO	92110311	115946	000027	500	V FESBCK:301,SO
PHCAL	ED+284211	16	10.69	2148560	+283734	H 1	24252	L	00214	FO	92110312	124425	006500	403	V FESBCK:301,SO;
PHCAL	ED+284211	16	10.69	2148560	+283734	H 3	46122	L	00215	FO	92110314	140050	004500	501	V FESBCK:301,SO;
PHCAL	ED+284211	16	10.67	2148560	+283734	L 1	24253	L	00218	FO	92110315	152606	000140	701	V FESBCK:301,SO
PHCAL	ED+284211	16	10.68	2148560	+283734	L 3	46123	L	00216	FO	92110315	153224	000054	700	V FESBCK:31,SO;
PHCAL	ED+284211	16	10.68	2148560	+283734	L 1	24254	L	00217	FO	92110316	163944	000050	500	V FESBCK:301,SO;
PHCAL	ED+284211	16	10.70	2148560	+283734	L 3	46124	L	00212	FO	92110316	164600	000027	500	V FESBCK:301,SO;
PHCAL	ED+284211	16	10.70	2148560	+283734	L 3	46125	L	00212	FO	92110317	175928	000054	700	V FESBCK:301,SO;
PHCAL	ED+284211	16	10.70	2148560	+283734	L 1	24255	L	00212	FO	92110317	175430	000140	700	V FESBCK:301,SO;
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 1	23273	L	284	FO	92060913	133900	000050	502	G C=203,B=32
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 1	23419	L	307	FO	92070215	154700	000050	402	G C=159,B=31
PHCAL	ED +28 4211	16	10.53	2148574	+283734	H 1	23452	L	284	FO	92070609	092400	006800	404	G C=201,B=52
PHCAL	ED +28 4211	16	10.53	2148574	+283734	H 1	23622	L	242	FO	92080300	005400	006800	403	G C=197,B=49
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 1	23627	L	238	FO	92080312	122500	000050	502	G C=214,B=31
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 1	23860	L	220	FO	92090612	123100	000050	502	G C=210,B=40
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 1	24082	L	219	FO	92100604	042600	000050	501	G C=213,B=30
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 1	24585	L	375	FO	92122504	041400	000050	502	G C=197,B=33
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 1	24586	L	364	FO	92122505	052900	000320	402	G C=174,B=39
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 2	18676	L	288	FO	92061219	195700	000122	501	G C=177,B=22
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 2	18687	L	404	FO	92122908	083000	000122	501	G C=180,B=23
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 3	44898	L	284	FO	92060913	134400	000026	500	G C=191,B=16
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 3	45054	L	306	FO	92070215	154200	000026	500	G C=174,B=15
PHCAL	ED +28 4211	16	10.53	2148574	+283734	H 3	45085	L	275	FO	92070610	104100	003500	402	G C=177,B=33
PHCAL	ED +28 4211	16	10.53	2148574	+283734	H 3	45266	L	233	FO	92080302	020800	003500	402	G C=170,B=31
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 3	45270	L	221	FO	92080312	123300	000026	500	G C=201,B=15
PHCAL	ED +28 4211	16	10.53	2148574	+283734	L 3	45539	L	226	FO	92090612	123600	000026	500	G C=200,B=15

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
PHCAL	ED	+28 4211	16	10.53	2148574	+283734	L 3 45849 L	220	FO	92100604	042100	000026	500 G	C=187,B=18
PHCAL	ED	+28 4211	16	10.53	2148574	+283734	L 3 46579 L	364	FO	92122504	042000	000026	500 G	C=180,B=15
PHCAL	ED	+28 4211	16	10.54	2148574	+283734	L 3 46580 L	370	FO	92122506	060400	000118	500 G	C=168,B=16
VACPS	S193	63	12.00	2149330	+135247	L 3 45876 L		230	SO	92100710	103600	002000	501 G	C=185,B=25
PHCAL	WAVCAL	98		2150158	+283331	L 1 23453 S		0		92070612	120200	000001	701 G	C=10X,B=29
PHCAL	T-FLOOD	99		2150158	+283331	H 1 23454 S		0		92070612	123200	000025	08 G	B=99
PHCAL	WAVCAL	98		2150158	+283331	H 1 23455 S		0		92070613	130200	000016		G
PHCAL	WAVCAL	98		2150158	+283331	L 3 45086 S		0		92070613	131500	000002	700 G	C=10X,B=15
PHCAL	T-FLOOD	99		2150158	+283331	H 3 45087 S		0		92070613	134000	000005	09 G	B=106
PHCAL	WAVCAL	98		2150158	+283331	H 3 45088 S		0		92070614	140700	000200	32 G	B=60X,B=32
IFORS	HD	208816	66	4.800	2155140	+632314	L 1 23253 L	22694	FO	92060514	140800	000020	451 G	E=196,C=144,B=29
IFORS	HD	208816	66	4.800	2155140	+632314	H 1 23254 L	22669	FO	92060515	152000	002000	4X3 G	E=1.5X,C=177,B=45
IFORS	HD	208816	66	4.800	2155140	+632314	H 1 23256 L	22866	FO	92060519	191200	002000	4X3 G	E=2X,C=176,B=42
IFORS	HD	208816	66	4.800	2155140	+632314	H 1 23257 L	23052	FO	92060520	203400	001400	452 G	E=253,C=155,B=39
IFORS	HD	208816	66	4.800	2155140	+632314	H 1 23660 L	21599	FO	92080716	160700	002000	4X3 G	E=1.5X,C=176,B=41
IFORS	HD	208816	66	4.800	2155140	+632314	H 1 24049 L	21541	FO	92100209	094800	001628	09 G	B=255
IFORS	HD	208816	66	4.800	2155140	+632314	L 1 24050 L	21743	FO	92100210	105200	000020	452 G	E=206,C=173,B=33
IFORS	HD	208816	66	4.800	2155140	+632314	H 3 44867 L	23262	FO	92060513	131600	009000	342 G	E=181,C=102,B=40
IFORS	HD	208816	66	4.800	2155140	+632314	L 3 44868 L	22744	FO	92060515	155200	000300	351 G	E=192,C=93,B=25
IFORS	HD	208816	66	4.800	2155140	+632314	H 3 44870 L	22951	FO	92060518	182200	009000	343 G	E=178,C=114,B=46
IFORS	HD	208816	66	4.800	2155140	+632314	H 3 45301 L	22303	FO	92080714	143400	009000	345 G	E=214,C=153,B=65
IFORS	HD	208816	66	4.800	2155140	+632314	L 3 45826 L	21593	FO	92100210	101600	000300	455 G	E=220,C=180,B=61
BLGOM	EKS2155	87	13.00	2155583	-302754	L 3 46250 L		0	BO	92111221	213700	008000	301 G	C=106,B=22
BLGOM	EKS2155	87	13.00	2155583	-302754	L 3 46268 L		0	BO	92111420	201100	004500	300 G	C=77,B=15
BLGOM	EKS2155	87	13.00	2155583	-302754	L 3 46285 L		0	BO	92111700	000800	007500	300 G	C=75,B=17
CCCPB	HD	209750	45	2.960	2203129	+003349	H 1 24181 L	1300	FU	92102909	092700	003000	XX4 G	E=3X,C=2X,B=55
CCCPB	HD	209750	45	2.960	2203129	+003349	H 1 24182 L	1292	FU	92102910	104600	001000	542 G	E=168,C=217,B=39
CCCPB	HD	209750	45	2.960	2203129	+003349	L 3 46092 L	1297	FU	92102910	100700	003000	430 G	E=114,C=137,B=16
PA071	HD	209975	13	05.56	2203363	+620210	H 3 46201 L	18057	FO	92111011	115856	000530	500 V	FESBCK:7068,FO;
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46154 L	20159	FO	92110804	041400	000530	552 G	E=200,C=230,B=39
PA071	HD	209975	13	04.02	2203363	+620210	H 3 46205 L	38677	FO	92111000	000000	000530	500 V	FESBCK:4598,FO
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46161 L	21111	FO	92110810	102700	000530	552 G	E=210,C=226,B=36
PA071	HD	209975	13	01.22	2203363	+620210	H 3 46249 L	08381	FU	92111218	182657	000515	500 V	FESBCK:8117,FO;
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46168 L	20508	FO	92110819	194400	000530	502 G	C=241,B=39
PA100	HD	209975	13	05.02	2203363	+620210	H 3 46262 L	25119	FO	92111318	181524	000515	500 V	FESBCK:7899,FO;
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46175 L	21254	FO	92110903	031100	000530	553 G	E=213,C=235,B=43
PA071	HD	209975	13	05.11	2203363	+620210	H 3 46225 L	23899	FO	92111117	171712	000515	500 V	FESBCK:6376,FO
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46182 L	21174	FO	92110909	092800	000530	502 G	C=235,B=38
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46188 L	23960	FO	92110920	204600	000530	502 G	C=229,B=38
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46194 L	23629	FO	92111004	041600	000530	XX2 G	C=1.5X,B=38
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46212 L	0		92111102	022600	000530	502 G	C=238,B=40
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46218 L	24228	FO	92111109	094100	000530	502 G	C=244,B=38
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46232 L	25510	FO	92111201	012400	000515	502 G	C=237,B=38
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46239 L	26143	FO	92111207	075900	000515	502 G	C=237,B=40
SWQJN	HD	209975	13	5.100	2203363	+620210	H 3 46251 L	23980	FO	92111300	001700	000515	502 G	C=227,B=38
PA130	RE	2207+25	37	15.00	2205267	+250545	L 3 45963 L	00000	BO	92101620	200545	003000	100 V	FESBCK:11,SO;
QSNAP	NCC	7213	84	11.50	2206089	-472442	L 3 46360 L	0	BO	92112902	020300	004700	00 G	B=16
QSNAP	NCC	7213	84	11.50	2206120	-472500	L 1 24307 L	0	BO	92111501	013200	006000	303 G	C=70,B=41
QSNAP	NCC	7213	84	11.50	2206120	-472500	L 3 46269 L	0	BO	92111421	214900	007000	00 G	B=15
NCL37	HD	210807	45	05.10	2208507	+720541	L 3 45042 L	24131	FO	92063023	230135	030500	501 V	

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
NCL37 HD	210807	45	05.13	2208507	+720541	H 1	23410 L	23949	FO	92063022	221414	004000	502	V
USSES HD	210745	47	3.360	2209069	+575715	L 3	45784 L	958	FU	92092800	001500	016046	351	G E=248,C=97,B=30
FNSH HD	210839	13	5.070	2209486	+591002	H 3	45601 L	20492	FO	92091123	233500	000930	502	G C=206,B=38
FNSH HD	210839	13	5.070	2209486	+591002	H 3	45602 L	21132	FO	92091200	002200	000930	502	G C=209,B=37
FNSH HD	210839	13	5.070	2209486	+591002	H 3	45603 L	21041	FO	92091201	011100	000930	502	G C=210,B=36
FNSH HD	210839	13	5.070	2209486	+591002	H 3	45604 L	21456	FO	92091201	015500	000930	502	G C=215,B=37
FNSH HD	210839	13	5.070	2209486	+591002	H 3	45605 L	21246	FO	92091202	023900	000930	502	G C=206,B=37
FNSH HD	210839	13	5.070	2209486	+591002	H 3	45606 L	21338	FO	92091203	032500	000930	502	G C=207,B=37
FNSH HD	210839	13	5.070	2209486	+591002	H 3	45607 L	21175	FO	92091204	041100	000930	502	G C=215,B=36
FNSH HD	210839	13	5.070	2209486	+591002	H 3	45608 L	20974	FO	92091205	050400	000930	502	G C=214,B=38
FNSH HD	210839	13	5.070	2209486	+591002	H 3	45609 L	21018	FO	92091205	054900	000930	502	G C=210,B=39
FNSH HD	210839	13	5.070	2209486	+591002	H 3	45610 L	20913	FO	92091206	063600	000930	502	G C=210,B=39
PAL36 HS2209+823	16	16.50	2209520	+823005	L 3	45326 L	00000	BO	92081220	202347	010000		400	V FESBCK:343 SO
CGND NGC7233	88	13.40	2212440	-460548	E 9	02627 2	00000	BO	92112212	123000	016000			V FESBCK:245,FO;FES FT
SGND NGC 7233	88	13.40	2212440	-460548	L 1	24340 L	0	BO	92112212	124600	083000		309	G C=218,B=139
GHJD 22892051	16	14.66	2213214	-173440	L 1	23378 L	0	BO	92062606	062900	006500		304	G C=95,B=57
GHJD 22892051	16	14.66	2213214	-173440	L 3	45013 L	0	BO	92062605	054400	003600		430	G E=86,C=135,B=15
IFKH FO AQR	63	13.50	2215174	-083606	L 1	24136 L	231	SO	92102303	033300	002054		302	G C=99,B=32
IFKH FO AQR	63	13.50	2215174	-083606	L 3	46042 L	225	SO	92102322	222800	012600		332	G E=130,C=84,B=40
IFKH FO AQR	63	13.50	2215174	-083606	L 3	46043 L	0		92102306	063600	007910		334	G E=133,C=105,B=51
GHJD 22881069	16	13.89	2216026	-413832	L 1	23382 L	0	BO	92062617	175700	004500		303	G C=80,B=50
GHJD 22881069	16	13.89	2216026	-413832	L 3	45017 L	0	BO	92062617	172400	002700		01	G B=30
SSEL S GRU	43	6.000	2223006	-484137	L 3	45924 L	547	FO	92101111	113300	001500		00	G B=15
SSEL S IAC	43	7.600	2226493	+400332	L 3	45930 L	271	FO	92101208	082900	012000		06	G B=71
PC62 HD213503	39	08.29	2228166	+675752	L 3	45763 L	01829	FO	92092322	222440	000500		300	V FESBCK:368,SO;
PI024 SAO 101951	45	05.38	2231438	+562157	L 1	23849 L	20315	FO	92090422	223420	000130		602	V FESBCK:405,SO;
PI024 SAO 101951	45	05.40	2231438	+562157	L 3	45522 L	20063	FO	92090420	204049	008000		300	V FESBCK:405,SO;
MI067 SAO 165175	32	09.16	2232458	-173059	L 3	46406 L	00841	FO	92120412	121631	003000		400	V FESBCK:149,FO;
MI067 SAO 165175	32	09.17	2232458	-173059	L 1	24406 L	00833	FO	92120412	125652	000500		400	V FESBCK:149,FO;
PI182 HD214680	12	04.96	2237008	+384722	H 3	46162 L	25950	FO	92110811	111735	000105		500	V
PHCAL HD 00214680	12	4.880	2237008	+384722	H 1	23640 L	26630	FO	92080507	075400	000050		502	G C=219,B=40
PA071 HD214680	12	05.02	2237008	+384722	H 3	46165 L	25191	FO	92110813	135419	000100		500	V FESBCK:469,FO;
PHCAL HD 00214680	12	4.880	2237008	+384722	L 1	23641 L	26524	FO	92080508	084000	000000		402	G C=142,B=32
PA071 HD214680	12	99.99	2237008	+384722	H 3	46243 L	00000		92111212	120906	000100		500	V FESBCK7260,FO;
PHCAL HD 00214680	12	4.880	2237008	+384722	H 3	45283 L	25680	FO	92080503	034300	000036		501	G C=179,B=27
PA071 HD214680	12	01.32	2237008	+384722	H 3	46248 L	07685	FU	92111217	172403	000100		500	V FESBCK:7297,FO;
PHCAL HD 00214680	12	4.880	2237008	+384722	L 3	45284 L	26311	FO	92080508	080200	000000		300	G C=105,B=15
PA071 SKY	07	99.99	2237008	+384722	L 1	24301 L	00000		92111217	172818	000500		111	V FESBCK:7297,FO;
SWJN HD 214680	12	4.900	2237008	+384724	H 3	46155 L	25073	FO	92110805	050100	000100		401	G C=180,B=30
PA000 HD214680	12	01.31	2237008	+384722	H 3	46261 L	07800	FU	92111317	171835	000100		500	V FESBCK:7445,FO;
SWJN HD 214680	12	4.900	2237008	+384724	H 3	46158 L	25822	FO	92110807	074600	000110		502	G C=236,B=39
PA071	12	04.85	2237008	+384722	H 3	46226	27466	FO	92111100	000000	000000		500	V FESBCK:4227,FO;
SWJN HD 214680	12	4.900	2237008	+384724	H 3	46170 L	25564	FO	92110821	214800	000100		502	G C=224,B=34
SWJN HD 214680	12	4.900	2237008	+384724	H 3	46173 L	27132	FO	92110900	005100	000100		502	G C=213,B=36
SWJN HD 214680	12	4.900	2237008	+384724	H 3	46176 L	25923	FO	92110903	035700	000100		502	G C=221,B=35
SWJN HD 214680	12	4.900	2237008	+384724	H 3	46179 L	25864	FO	92110906	064000	000100		502	G C=216,B=34
SWJN HD 214680	12	4.900	2237008	+384724	H 3	46183 L	25881	FO	92110910	101300	000100		502	G C=221,B=35
SWJN HD 214680	12	4.900	2237008	+384724	H 3	46187 L	26554	FO	92110919	192100	000100		502	G C=218,B=37
SWJN HD 214680	12	4.900	2237008	+384724	H 3	46191 L	26514	FO	92111000	002800	000100		502	G C=224,B=36
SWJN HD 214680	12	4.900	2237008	+384724	H 3	46195 L	27219	FO	92111005	052000	000100		502	G C=233,B=37

PRO	Object	CL	MAG	R.A.	DEC	D C	Image	A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46198	L	27849	FO	92111008	082300	000100	502	G C=221,B=37
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46206	L	27715	FO	92111019	191400	000100	502	G C=220,B=35
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46209	L	0		92111022	224500	000100	301	G C=60,B=23
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46215	L	27402	FO	92111106	064000	000100	502	G C=226,B=35
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46219	L	27965	FO	92111110	103200	000100	502	G C=223,B=36
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46229	L	7177	FU	92111122	221500	000100	502	G C=203,B=34
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46233	L	6536	FU	92111202	022000	000100	502	G C=223,B=37
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46236	L	7430	FU	92111205	051700	000100	502	G C=225,B=36
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46240	L	6386	FU	92111208	085300	000100	502	G C=222,B=36
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46252	L	4736	FU	92111301	012600	000100	301	G C=70,B=23
SWJN HD	214680	12	4.900	2237008	+384724	H 3	46256	L	6547	FU	92111305	052300	000100	502	G C=225,B=35
PHCAL HD	214680	13	05.02	2237010	+384722	L 3	45433	L	25135	FO	92082521	214649	000001	200	V FESECK:58,SO;TWO CEC
PHCAL HD	214680	13	04.96	2237010	+384722	L 1	23772	L	26035	FO	92082522	225238	000001	601	V FESECK:58,SO;TWO CEC
PHCAL HD	214680	13	04.93	2237010	+384722	L 3	45435	L	26328	FO	92082523	232728	000001	600	V FESECK:58,SO;THREE O
PHCAL HD	214680	13	04.93	2237010	+384722	L 1	23773	L	26341	FO	92082523	235733	000000	401	V FESECK:58,SO;ONE CEC
PHCAL HD	214680	13	04.93	2237010	+384722	L 3	45436	L	26437	FO	92082600	004050	000002	700	V FESECK:58,SO;FOUR CB
HECAP HD	214539	38	7.270	2237178	-675658	H 1	23520	L	3484	FO	92071713	133900	000043	502	G C=240,B=34
HECAP HD	214539	38	7.270	2237178	-675658	L 3	45162	L	3504	FO	92071713	133200	000213	500	G C=200,B=15
PAL36 HS	2237+815	37	16.20	2237302	+814802	L 3	45327	L	00000	BO	92081222	223939	007000	200	V
PMO02	NGC7354	70	14.00	2238282	+610128	L 3	45828	L	00000	BO	92100213	134925	006000	110	V 257,FO;
PC082 HD	215665	45	04.44	2244072	+231807	H 1	24092	L	00487	FU	92101013	134407	002000	401	V FESECK:35,SO;
PC082 HD	215665	45	04.44	2244244	+231805	E 9	02581	2	00487	FU	92101013	133000	016000		V FESECK:35,SO; FOR SW
PC082 HD	215665	45	04.43	2244244	+231805	L 3	45916	L	00493	FU	92101014	141316	039400	431	V FESECK:35,SO;
OBODG HD	215835	12	8.600	2244543	+574913	H 3	45467	L	1063	FO	92082914	141000	015700	404	G C=152,B=52
OBODG HD	215835	12	8.600	2244543	+574913	H 3	45503	L	1172	FO	92090203	035000	018000	404	G C=170,B=58
OBODG HD	215835	12	8.600	2244543	+574913	H 3	45526	L	1144	FO	92090504	044000	013000	303	G C=130,B=48
PHCAL SKY	BACK	07		2245394	-512425	L 1	24308	L	0		92111504	045800	006000	03	G B=48
BLOEM FE	2248	84	15.00	2245410	-512544	L 3	46321	L	0	BO	92112323	232600	018000	352	G E=186,C=92,B=32
CK92K	2248-50	84	15.00	2245411	-512544	L 1	24320	L	0	BO	92111702	020300	005500	302	G C=83,B=39
FQ057	FE2245-51	84	15.50	2245412	-512544	L 3	45253	L	00000	BO	92073023	231219	009500	240	V
CK92K	2248-510	84	15.00	2245419	-512525	L 3	46270	L	0	BO	92111503	032400	021000	07	G B=90
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24134	L	9914	FO	92102210	101800	003000	3x2	G E=1.5X,C=77,B=37
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24135	L	9644	FO	92102212	123100	001800	352	G E=194,C=71,B=33
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24141	L	9812	FO	92102410	100900	003000	3x2	G E=1.5X,C=86,B=38
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24142	L	9551	FO	92102412	122600	002000	352	G E=219,C=74,B=35
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24156	L	9929	FO	92102609	093500	003000	3x3	G E=1.5X,C=84,B=41
MWJL HD	216489	47	5.600	2250344	+163431	L 1	24157	L	10217	FO	92102611	114700	002000	352	G E=202,C=73,B=36
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24171	L	9704	FO	92102810	100000	003000	3x2	G E=255,C=76,B=40
MWJL HD	216489	47	5.600	2250344	+163431	L 1	24172	L	10039	FO	92102812	123300	001600	342	G E=173,C=67,B=35
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24193	L	10360	FO	92103009	093100	003000	353	G E=237,C=80,B=42
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24194	L	10259	FO	92103012	121300	002000	342	G E=160,C=65,B=34
MWJL HD	216489	47	5.600	2250344	+163431	L 1	24249	L	10355	FO	92110307	071900	002000	343	G E=164,C=90,B=47
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24250	L	10452	FO	92110309	094500	002500	352	G E=202,C=84,B=40
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24290	L	10903	FO	92110707	075900	002500	353	G E=217,C=90,B=44
MWJL HD	216489	47	5.600	2250344	+163431	H 1	24291	L	10972	FO	92110710	102900	002000	342	G E=187,C=75,B=37
MWJL HD	216489	47	5.600	2250344	+163431	L 3	46035	L	9676	FO	92102210	105500	009000	351	G E=175,C=48,B=24
MWJL HD	216489	47	5.600	2250344	+163431	L 3	46049	L	9703	FO	92102410	104500	009000	351	G E=186,C=46,B=24
MWJL HD	216489	47	5.600	2250344	+163431	L 3	46066	L	9944	FO	92102610	101300	009000	351	G E=202,C=48,B=26
MWJL HD	216489	47	5.600	2250344	+163431	L 3	46067	L	10304	FO	92102612	121900	003000	30	G E=72,B=16
MWJL HD	216489	47	5.600	2250344	+163431	L 3	46084	L	9872	FO	92102810	103800	011000	351	G E=219,C=65,B=24

PRO	Object	CL	MAG	R.A.	DEC	D C	Image	A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
MQJL HD	216489	47	5.600	2250344	+163431	L 3	46098	L	10369	FO	92103010	101400	011000	351	G E=184,C=69,B=28
MQJL HD	216489	47	5.600	2250344	+163431	L 3	46120	L	10463	FO	92110307	074400	011000	3X3	G E=1.2X,C=70,B=43
MQJL HD	216489	47	5.600	2250344	+163431	L 3	46150	L	10907	FO	92110708	082900	011000	352	G E=226,C=60,B=32
FC062 HD	216572	39	07.87	2250471	+603902	H 1	23965	L	02653	FO	92092217	175443	006000	301	V FESECK:310,SO;
MAINI HR8701		44	06.44	2251123	-702026	L 1	24271	L	09243	FO	92110515	153154	000100	602	V FESECK:144,FO;
MAINI HR 8701		44	06.47	2251123	-702026	L 1	24272	L	08997	FO	92110516	161219	000200	702	V FESECK:144,FO;
MAINI HR8701		44	06.56	2251123	-702026	L 1	24273	L	08296	FO	92110516	165816	000400	702	V FESECK:144,FO;
MAINI HR8701		44	06.45	2251123	-702026	L 1	24274	L	09150	FO	92110517	173950	000100	702	V FESECK:144,FO;
MAINI HR8701		44	06.45	2251123	-702026	L 1	24275	L	09138	FO	92110518	181430	000100	602	V FESECK:144,FO;
ECL33 DI CEP		58	11.69	2254082	+582359	L 3	45149	L	00088	FO	92071600	002510	014500	330	V FESECK:239,SO; PHEAD
ECL33 DI CEP		58	11.82	2254082	+582359	L 3	45122	L	00313	SO	92071220	200523	017000	331	V FESECK:230,SO
ECL33 DI CEP		58	11.66	2254082	+582359	L 3	45205	L	00090	FO	92072200	002105	014600	230	V FESECK:504,SO;
ECL33 DI CEP		58	11.70	2254082	+582359	L 3	45170	L	00087	FO	92071820	200837	017000	330	V FESECK:280,SO
ECL33 DI CEP		58	11.80	2254082	+582359	L 3	45222	L	00080	FO	92072422	223228	013500		V FESECK:352,S/O;
ECL33 DI CEP		58	11.76	2254082	+582359	L 3	45230	L	00083	FO	92072618	183143	016000	331	V FESECK:356,S/O;
PHCAL DI CEP		58	11.20	2254082	+582359	H 1	24555	L	00000	BO	92122211	110854	034000	345	V FESECK:8500, F.O.;
PHCAL SA03816		00	05.22	2254557	+840445	E 9	02636	2	22450	FO	92120112	120600	016000		V FESECK:5897,FO,FES T
PHCAL SA0 3815		00	99.99	2254557	+840445	F 9	02648	2	00000	FO	92120212	125000	016000		V FESECK:7510,FO; FES
PHCAL SA0 3816		00	04.66	2254557	+840445	E 9	02662	2	00400	FU	92120315	151000	016000		V FESECK:8310,FO;FES T
PHCAL HR 8729		44	06.10	2255010	+203004	L 1	24378	L	12130	FO	92113017	172624	000030	500	V FESECK:8427,FO;
PHCAL HR 8729		44	06.07	2255010	+203004	L 1	24379	L	12443	FO	92113018	180920	000045	600	V FESECK:8427,FO; PREA
NI200 HD217411		44	09.99	2257596	-072018	L 3	46146	L	01604	SO	92110618	180123	003000	500	V FESECK:247,SO;
NA013 FG2259+134		28	14.50	2259161	+132229	L 3	44821	L	00000	BO	92060105	052620	004100	400	V
NA013 FG2259+134		28	14.50	2259162	+132229	L 1	23244	L	00000	BO	92060304	042422	002200	401	V
GHDJ 22938073		16	14.20	2307510	-631939	L 3	45022	L	0	BO	92062718	181500	004600	X00	G C=1.5X,B=20
GHDJ 22938073		16	14.20	2307511	-631939	L 1	23386	L	0	BO	92062719	191100	006700	X03	G C=2X,B=42
CECEG AB AND		66	10.00	2309090	+363718	L 1	24546	L	560	FO	92122101	013800	006000	XX3	G E=1.5X,C=1.5X,B=44
PHCAL SKY HKCD		07		2309490	+103147	L 1	24550	L	0		92122118	182500	006000	03	G B=45
PHCAL SKY HKCD		07		2309490	+103147	L 1	24551	L	0		92122122	222800	006000	02	G B=39
PHCAL SKY HKCD		07		2309490	+103147	L 1	24556	L	0		92122219	193000	006000	03	G B=46
PHCAL SKY HKCD		07		2309490	+103147	L 1	24557	L	0		92122221	211000	006000	03	G B=44
HECOB GD 246		37	13.10	2309504	+103045	L 3	46543	L	172	FO	92122017	175800	000700	X00	G C=1.5X,B=12
HECOB GD 246		37	13.10	2309504	+103045	H 3	46544	L	0	BO	92122018	184500	036500	407	G C=218,B=90
HECOB GD 246		37	13.10	2309504	+103045	H 3	46546	L	171	FO	92122118	180300	040500	308	G C=192,B=99
HECOB GD 246		37	13.10	2309504	+103045	H 3	46560	L	187	FO	92122217	174500	042500	X09	G C=1.5X,B=116
TEOIS HD	219080	40	4.520	2310151	+490758	L 3	45758	L	317	FU	92092312	124300	000209	501	G C=183,B=23
NE066 AFP150B		88	14.70	2316594	+091346	E 9	02562	2	00000	BO	92072218	183000	016000		V FES FOR SWP45211
MCOMR H95C		82	14.70	2316595	+091347	L 3	45211	L	0	BO	92072218	185800	084000	209	G C=136,B=116
NSOLD UGC12575		88	11.20	2321221	+092333	L 3	45254	L	0	BO	92073101	015200	042000	304	G C=113,B=60
NSOLD UGC12618		88	12.70	2326135	+031409	L 3	45249	L	0	BO	92073002	021300	040900	336	G E=168,C=138,B=71
NC198 EQ PEG		48	10.39	2329208	+193940	L 3	45445	L	00280	FO	92082618	181257	008500	230	V FESECK:4,SO;
NC198 EQ PEG		48	10.31	2329208	+193940	L 1	23781	L	00300	FO	92082619	195933	003000	351	V FESECK:4,SO;
NC198 EQ PEG		48	10.31	2329208	+193940	L 3	45446	L	00300	FO	92082620	203958	008500	230	V FESECK:4,SO;
NC198 EQ PEG		48	10.25	2329208	+193940	L 1	23782	L	00318	FO	92082622	221805	003000	351	V FESECK:4,SO;
NC198 EQ PEG		48	10.23	2329208	+193940	L 3	45447	L	00322	FO	92082622	225656	011000	230	V FESECK:4,SO;
NC198 EQ PEG		48	10.39	2329208	+193940	L 1	23788	L	00280	FO	92082718	180541	002000	351	V FESECK:12,SO;
NC198 EQ PEG		48	10.39	2329208	+193940	L 3	45453	L	00280	FO	92082718	183614	008500	230	V FESECK:12,SO;
NC198 EQ PEG		48	10.36	2329208	+193940	L 1	23789	L	00287	FO	92082720	200853	002500	351	V FESECK:12,SO;
NC198 EQ PEG		48	10.33	2329208	+193940	L 3	45454	L	00297	FO	92082720	204403	019000	240	V FESECK:12,SO; SEGME
NC198 EQ PEG		48	10.19	2329208	+193940	L 1	23790	L	00334	FO	92082800	002254	002500	341	V FESECK:12,SO;

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Expt.im	nummsst	ECC	Comment
NC196 EQ PEG		48	10.30	2329213	+193941	L 3	45397 L	00304	FO	92082122	222515	003000		030 V FESECK: 8 S/O;
NC196 EQ PEG		48	10.27	2329213	+193941	L 1	23741 L	00311	FO	92082123	231545	006200		262 V FESECK:8 S/O; SEGMEN
PI084 Z AND		57	10.79	2331154	+483231	L 3	45196 L	00261	FO	92072100	002153	001000		340 V ECKED:300,SO;
PI084 Z AND		57	10.84	2331154	+483231	L 1	23554 L	00725	SO	92072100	003811	002000		350 V ECKED:300,SO;
PI084 Z AND		57	10.85	2331154	+483231	L 3	45197 L	00180	FO	92072101	011013	006000		360 V ECKED:300,SO;
PI084 Z AND		57	10.76	2331154	+483231	L 1	23555 L	00188	FO	92072102	021920	002500		350 V ECKED:300,SO;
PI017 Z AND		57	10.81	2331154	+483231	L 1	24037 L	00192	FO	92093020	200747	002000		450 V FESECK:NO STAR FESEF.
PI017 Z AND		57	10.80	2331154	+483231	L 3	45817 L	00194	FO	92093020	204011	001500		260 V
PI017 Z AND		57	10.80	2331154	+483231	L 1	24038 L	00194	FO	92093021	212208	002000		450 V
PI017 Z AND		57	10.81	2331154	+483231	L 3	45818 L	00193	FO	92093021	215016	002000		260 V
PI084 Z AND		57	10.61	2331154	+483231	L 1	24242 L	00231	FO	92110212	120030	001000		668 V FESECK:34,SO
PI084 Z AND		57	10.60	2331154	+483231	L 3	46117 L	00232	FO	92110212	123233	001500		360 V FESECK:34,SO
PI084 Z AND		57	10.61	2331154	+483231	H 1	24243 L	00231	FO	92110213	131927	002500		353 V FESECK:34,SO;
PI084 Z AND		57	10.61	2331154	+483231	H 3	46118 L	00231	FO	92110213	135216	007500		353 V FESECK:34,SO;
PAL35 HD221756		32	05.88	2332103	+395737	L 3	46038 L	14366	FO	92102216	163028	000200		700 V FESECK:52,SO;
GHDJ 22894018		16	13.25	2333077	+001408	L 3	45018 L	0	BO	92062619	195700	001300		200 G C=29,B=15
BMOC HD 222142		73	9.570	2335255	+481311	L 1	23723 L	517	FO	92082002	023400	000600		502 G C=236,B=32
BMOC HD 222142		73	9.570	2335255	+481311	L 1	23724 L	534	FO	92082004	041100	001800		400 G C=159,B=20
BMOC HD 222142		73	9.570	2335255	+481311	L 3	45375 L	505	FO	92082002	021200	001300		500 G C=175,B=15
BMOC HD 222142		73	9.570	2335255	+481311	L 3	45376 L	517	FO	92082003	032600	002048		500 G C=247,B=15
MICPB HD 222574		45	4.820	2339101	-180538	L 3	44934 L	24054	FO	92061605	055400	041500		246 G E=196,C=34,B=72
RJMK R AGR		57	11.00	2341140	-153345	H 3	46585 L	13381	FO	92122518	181100	039500		348 G E=2X,C=133,B=92
SSOBL Z CAS		43	9.400	2342049	+561810	L 3	45915 L	860	FO	92101012	121500	003000		00 G B=15
FQ118 SKY		99	99.99	2344031	+091509	L 1	24321 L	00000		92111713	134403	018000		304 V FESECK:3000,FO;SEFEN
FQ118 PKS2344709		85	18.00	2344031	+091509	L 3	46290 L	00000	BO	92111713	130134	032300		332 V FESECK:3000,FO;
FQ118 PKS 2344+0		85	16.00	2344038	+091404	E 9	02623 2	00000	BO	92111817	170000	015000		V FESECK:3571,FO; FES
FQ118 SKY		99	99.99	2344038	+091404	L 1	24323 L	00000		92111800	000000	028000		305 V FESECK:3571,FO; FES
PAL30 HD 223816		41	09.86	2350238	-704010	L 3	45962 L	00448	FO	92101618	182333	001200		500 V FESECK:140,FO;
PAL30 HD 223816		41	09.87	2350238	-704010	L 1	24107 L	00444	FO	92101617	174129	001000		501 V FESECK:140,FO;
PHCAL ED +75 235		16	09.72	2352306	+282119	L 1	23872 L	00508	FO	92090718	182252	000040		700 V FESECK:400,SO;
PC157 II PEG		52	07.93	2352307	+282120	H 1	23864 L	02522	FO	92090619	193739	003000		240 V FESECK:4,SO;
PC157 II PEG		52	07.94	2352307	+282120	L 3	45543 L	02490	FO	92090620	201732	010000		230 V FESECK:4,SO;
PC157 II PEG		52	07.91	2352307	+282120	H 1	23865 L	02568	FO	92090622	220618	003000		240 V FESECK:4,SO;
PC157 II PEG		52	07.94	2352307	+000000	L 3	45553 L	02489	FO	92090719	195917	010000		230 V FESECK:4,SO;
PC157 II PEG		52	07.91	2352307	+282120	H 1	23874 L	02568	FO	92090721	214716	003000		240 V FESECK:4 SO;
PC157 II PEG		52	07.93	2352307	+282120	H 1	23873 L	02503	FO	92090719	192032	003000		V FESECK:4,SO;
PC100 II PEG		52	07.88	2352307	+282120	H 1	23875 L	02620	FO	92090815	155100	003000		230 V FESECK:74,SO;
PC100 II PEG		52	07.94	2352307	+282120	L 3	45571 L	02500	FO	92090816	162851	010000		240 V FESECK:8,SO;
PC157 II PEG		52	07.88	2352307	+282120	L 3	45554 L	02617	FO	92090722	222256	002500		230 V FESECK:4 SO;
PC157 II PEG		52	07.94	2352307	+282120	L 3	45531 L	02499	FO	92090519	194033	002000		150 V FESECK: NO STAR PRES
PC157 II PEG		52	07.92	2352307	+282120	H 1	23854 L	02537	FO	92090520	201941	003000		152 V FESECK: NO STAR PRES
PC157 II PEG		52	07.90	2352307	+282120	L 3	45532 L	02588	FO	92090520	205830	010700		370 V FESECK: NO STAR PRES
PC100 II PEG		52	07.90	2352307	+282120	H 1	23876 L	02593	FO	92090818	182312	003000		230 V FESECK:4,SO;
PC100 II PEG		52	07.90	2352307	+282120	L 3	45572 L	02584	FO	92090819	190256	010000		230 V FESECK:4,SO;
PC100 II PEG		52	07.85	2352307	+282120	H 1	23877 L	02699	FO	92090820	205337	003000		230 V FESECK:4,SO;
PC100 II PEG		52	07.84	2352307	+282120	L 3	45573 L	02727	FO	92090821	213338	007400		230 V FESECK: 4 SO;
PC100 II PEG		52	07.88	2352307	+282120	H 1	23868 L	02620	FO	92090920	200423	003000		232 V FESECK:7,SO;
PC100 II PEG		52	07.88	2352307	+282120	L 3	45586 L	02635	FO	92090920	204253	010000		360 V FESECK:7,SO;
PC100 II PEG		52	07.84	2352307	+282120	H 1	23889 L	02719	FO	92090922	222815	001800		232 V FESECK:7,SO;
PA072 II PEG		52	07.89	2352307	+282120	L 3	45625 L	02597	FO	92091320	200519	003000		150 V FESECK:0,SO;

FRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsst	ECC	Comment
PC157	II PEG	52	07.93	2352307	+282120	H 1	23923 L	02504	FO	92091320	205121	006000	150	V FESECK:0,SO;
PC157	II PEG	52	07.92	2352307	+282120	L 3	45626 L	02546	FO	92091321	215812	005000	150	V FESECK:0,SO;
PC157	II PEG	52	08.00	2352307	+282120	L 3	45595 L	02354	FO	92091019	191717	003000	150	V FESECK:6,SO;
PC157	II PEG	52	08.01	2352307	+282120	H 1	23898 L	02333	FO	92091020	205349	010000	161	V FESECK:6,SO;
PC157	II PEG	52	07.97	2352307	+282120	L 3	45596 L	02426	FO	92091022	221930	002800	140	V FESECK:6,SO;
PC157	II PEG	51	08.01	2352307	+282120	L 3	45617 L	02338	FO	92091220	200003	003000	150	V FESECK:0,SO;
PC157	II PEG	51	08.00	2352307	+282120	H 1	23912 L	02357	FO	92091220	203524	006000	151	V FESECK:0,SO;
PC157	II PEG	51	07.97	2352307	+282120	L 3	45618 L	02420	FO	92091221	215047	006000	150	V FESECK:0,SO;
PC157	II PEG	51	08.08	2352307	+282120	L 3	45599 L	02208	FO	92091119	195449	003000	150	V FESECK:10,SO;
PC157	II PEG	51	08.10	2352307	+282120	H 1	23907 L	02161	FO	92091120	203213	010000	151	V FESECK:10,SO;
PC157	II PEG	51	08.06	2352307	+282120	L 3	45600 L	02239	FO	92091122	221941	002800	150	V FESECK:10,SO;
PC157	II PEG	52	07.94	2352307	+282120	H 1	23938 L	02491	FO	92091420	200615	006000	151	V FESECK:7,SO;
PC157	II PEG	52	07.92	2352307	+282120	L 3	45643 L	02530	FO	92091421	211508	009400	360	V FESECK:7,SO;
PC157	II PEG	52	07.94	2352307	+282120	L 3	45642 L	02481	FO	92091419	192344	003000	150	V FESECK:7,SO;
PC157	II PEG	52	07.91	2352307	+282120	E 9	02573 2	02548	FO	92091521	213413	016000		V FES FIELD FOR IWP239
PC157	II PEG	52	07.91	2352307	+282120	L 3	45651 L	02564	FO	92091519	195152	003000	140	V FESECK:4,SO;
PC157	II PEG	52	07.91	2352307	+282120	H 1	23945 L	02548	FO	92091520	204113	006000	401	V FESECK:4,SO;
PC157	II PEG	52	07.89	2352307	+282120	L 3	45652 L	02614	FO	92091521	214948	006000	500	V FESECK:4,SO;
PC157	II PEG	52	07.96	2352307	+282119	L 3	45660 L	02441	FO	92091619	195831	003000	140	V FESECK:1,SO;
PC157	II PEG	52	07.97	2352307	+282119	H 1	23958 L	02430	FO	92091620	204358	006000	342	V FESECK:1,SO;
PC157	II PEG	52	07.96	2352307	+282119	L 3	45661 L	02454	FO	92091621	215225	005500	140	V FESECK:1,SO;

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