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### IUE ESA NEWSLETTER

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## CONTROLLER'S MESSAGE

It is a pleasure for me to be able to include in this Newsletter the ESA/SERC Call for Proposals for the 17th round of IUE observations. In the meantime you should also have received the Instructions for Applicants as well as the proposal forms under separate cover. This time it has not been possible to synchronize the call for proposals from ESA/SERC with that of NASA. This is a consequence of the differences in the forward planning of the agencies involved in the IUE Project. NASA is currently committed to IUE operations to the end of September 1994 only, while ESA and SERC have approved operations throughout 1994, and planning for operations in 1995. Although this is especially troublesome for European users that normally apply for NASA coordinated programs, I expect that our *Lasting Value* program, defined by the IUEAC in 1993, will allow us to handle these problems in a satisfactory and scientifically sensible way. NASA has defined the 17th IUE episode to be concurrent with the last part of the 16th episode. ESA and SERC have issued their joint call for proposals for a 17th episode extending into 1995, with deadline for proposals on **31 January 1994** (Postmark!!). To assure a timely evaluation of the proposals it is imperative to ensure that your proposals will meet this deadline, which will be *adhered to strictly*. The actual start of the 17th round of IUE observing will not be defined for ESA/SERC until the NASA peer review of its short 17th round has been completed and matched against the ESA/SERC Lasting Value Program.

The changes to scheduling and observation preparation which have been implemented throughout this year have significantly alleviated the operational difficulties caused by the IUE Baffle Anomaly and its associated "Streak" (see article by García et al. in this Newsletter). For tracking and target acquisition, the unpredictability and variability of the "streak", on time scales as short as hours, requires a very careful control of the observations. At higher  $\beta$  angles, where the "streak" is more intense, only relatively bright stars are visible on the FES. This has meant that "Blind Offset" procedures have now become the most used mode of acquisition for observations at higher  $\beta$  angles. Also long exposures are currently regularly made at high  $\beta$  in a "segmented" mode. This has been found to be a reliable operational procedure where the on-target integration time remains well defined and additional overhead can be kept within reasonable limits (app. 15%). The "streak" also produces a background spectrum in the LW camera (the SW camera is unaffected). Because of the variability of the "streak" a standard recipe for extracting these "contaminated" LW spectra has proved difficult to establish, and important LW observations should preferably be scheduled at lower  $\beta$ , where the streak is relatively weak. This is discussed more fully by Rodríguez and Fernley in a separate article in this Newsletter.

As the project continues to mature, needs arise to critically review the procedures associated with the IUE project in order to make sure that resources are applied where they will do most good for the IUE Users. As a consequence of this you will find in this Newsletter the announcement that this will be the last time that the printed log will be published in the Newsletter. Also various options have been introduced in the IUE product delivery which will allow users to receive their data on more practical high density media than were available until now. This should be especially helpful to users with many spectra.

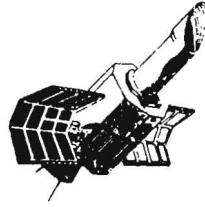
The IUE Final Archive production pipeline is now proceeding smoothly, and currently 2300 VILSPA SWP images have been reprocessed with NEWSIPS, the improved



IUE processing software package. Work on the completion of the Long Wavelength package, as well as that for High Resolution spectra, is progressing well and we expect to have the developments completed in a timely fashion so that we will not have to interrupt the pipeline processing at any stage. The introduction of NEWSIPS for the processing of new spectra (daily processing) is presently under consideration but we would like to maintain the inter-comparability of the archival and current data to optimize the usage of the IUE data products.

This Newsletter will reach you at a time when the HST servicing mission will have finished and most of the "fixes" to bring the Hubble Space Telescope up to good performance, have been successfully accomplished. We want to congratulate our colleagues associated with the HST and wish them the best for the optimization.

Finally, let me wish the IUE user community a pleasant Christmas Holiday and all the best for the year 1994, as well as success with your applications for the 17th year of IUE observing.



SERC

November 10, 1993

Dear Colleague,

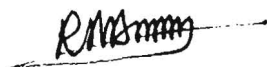
The International Ultraviolet Explorer satellite is currently operating very successfully and continues to provide valuable UV spectroscopy between 1152 and 3200 Å. Such data are obtained on a routine basis from the ESA IUE Observatory at Villafranca for 8 hours and the NASA IUE Observatory at GSFC for 16 hours. The observing programmes carried out are those selected by the ESA/SERC IUE Allocation Committee (IUEAC) and the NASA Peer Review, each acting independently. The characteristics and performance of IUE have been described by Boggess et al., Nature, vol. 275, pages 372 and 377. The observing programme of IUE is based on unsolicited proposals for use of the satellite.


At its meeting on June 4, 1993 the ESA Science Programme Committee approved the extension of the IUE Operations and Archive support through 1994. Following earlier recommendations of the IUE Review Team the 16th call for proposals was issued allowing programmes beyond the normal single year allocation and the programmes for the current (16th) round of IUE Observing include a significant "Lasting Value" (LV) programme, with observations extending over two years.

The SPC also recommended planning for a 17th round of IUE Observing in 1995, subject to the approval of funding for 1995 to extend the operations, Archival support and the production of the IUE Final Archive. We invite European Astronomers to submit proposals for IUE Observations in the 17th round which is foreseen to last one year and extend through 1995. Since the 17th round will necessarily contain already approved LV proposals and the scheduling of the LV programmes will extend beyond 1994, early scheduling of proposals for the 17th round is foreseen to be possible. Application forms and detailed instructions can be obtained from:

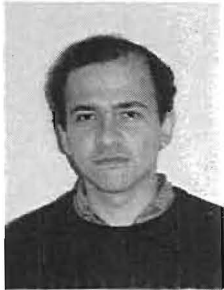
**ESA IUE Observatory Manager  
IUE Observatory  
ESA-VILSPA  
P.O. Box 50727  
28080 Madrid, SPAIN**

As a matter of practice only those proposals in hand at the Observatory on January 31, 1994 will be taken into consideration by the IUEAC for evaluation. Only observations of genuine emergency nature will be considered outside the current review. The IUEAC is foreseen to make the selection of the ESA IUE Science programme in April 1994, so late arriving proposals will not be taken into consideration.

  
Prof. R.M. Bonnet  
Director of Scientific  
Programmes  
European Space Agency

  
Dr. G.W.D. Findlay  
Director  
Science and Microgravity  
British National Space  
Centre

PERSONNEL CHANGES  
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On 2nd June 1993 Pedro Garcia-Lario joined Vilspa as IUE Scheduler under an INSA contract. He obtained his Ph.D. from the University of La Laguna in Tenerife in 1992 on the subject of Formation of Planetary Nebula based on an analysis of IRAS data. Currently he is working on the evolution of AGB and post-AGB stars to to the proto-planetary and planetary nebula stage. He likes all kinds of music, travelling and is especially interested in art.

## IUE SPACECRAFT STATUS

October 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 September 1993, a total of 25.485 images had been collected from 10.816 celestial objects (VILSPA only).

Although the light scattering phenomenon, the so-called "Baffle Anomaly", is a matter of concern to the project, changes in the procedures for scheduling and real-time operations have meant this has had only a small impact on efficiency. The current situation is described in a separate article by Garcia et al in this Newsletter.

### 2. POWER SUBSYSTEM.

IUE's 32th Eclipse Season ran from July 19 to Aug. 11, 1993. The maximum depths of discharge for the season were 47.73% for battery 1, and 51.31% 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.

### 3. SOLAR ARRAYS

The average yearly degradation from 1978-1993 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 (-325.7 counts/sec on 1st Oct. 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 19 August 1993 the IUE spacecraft successfully executed an E-W 8.9 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 are 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 over the last months, only a few anomalies were encountered:

- Data-block 21 failed 5 times and data-block 14 and 17 failed once to reach the OBC. The procedure was repeated successfully in all cases.

# IUE Continues despite the Scattered Light

P.García-Lario, R.Monier, P.Rodríguez Pascual

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## 1. Introduction

Since scattered light appeared for the first time in the FES in 1991, a big effort has been made to try to diminish its impact on the IUE science programme. The "baffle anomaly", as it is called, consists of sunlight entering the telescope tube, which results in contamination of the FES measurements and some LWP Low Resolution images. Studies done by the IUE Observatory have shown that the intensity of the scattered light is a function of the  $\beta$  angle (angle between the telescope axis and the anti-sun direction), and also a function of different approaching maneuvers (Rodríguez Pascual, 1993). Fortunately, and although the phenomenon is not yet fully understood, this behaviour was found to be very stable and consistent, so that we are now able to predict and, in some cases, to decrease the impact of this scattered light.

## 2. The evolution of the FES scattered light

In May 1993, a considerable increase in the FES counts at high  $\beta$  angles was registered. As a consequence of this, the high  $\beta$  angle "window" at  $\beta > 87^\circ$ , previously free of scattered light, almost completely disappeared. On the other hand, the low  $\beta$  "window" seems to be now open up to  $62^\circ$  (see Figures 1a and 1b). After this episode, the situation has remained quite stable and no major changes have been detected during the last 6 months. In some cases, however, the scattered light shows a more unstable behaviour, and very large variations have been recorded on a timescale of only a few hours during a single long exposure. These fast variations are currently under investigation.

Taking all this into account, and considering the stability of the scattered light pattern with the  $\beta$  angle, various procedures has been developed to minimize the impact of this new constraint on real time (R/T) operations. Scheduling has also been modified in order to avoid  $\beta$  windows where the baffle anomaly is more severe.

## 3. The effects of the scattered light on R/T operations

The impact of the baffle anomaly on R/T operations is twofold:

i) only very bright targets ( $V < 7$ ) can be directly acquired when the background is high. This increases the number of blind offsets and sometimes double blind offsets needed, so that now target acquisition is more time consuming in these cases.

ii) only stars giving a number of FES counts at least 15% above the background illumination are suitable to guide on. Since the background varies over the FES field, a star may or not be used for guiding depending on the intensity of the background AND on its location in the FES field. This is a function of the roll angle and it changes with the epoch of the year. The selection of an adequate bright guide star is now becoming crucial when planning an IUE observation.

In the worst cases, when no guide star is available, long exposures are carried out in "short" segments. Under optimum stabilization of the spacecraft, a target can remain well within one of the large apertures for up to 60 minutes without guiding, although it is not recommended to go for segments longer than 40 minutes.

The only spectra currently reported to be affected by the baffle anomaly are some Low Resolution (LORES) LWP spectra (Rodríguez Pascual and Fernley, 1993). In long exposures with a high background, an extended spectrum, which appears to be the solar spectrum, comes up in LWP images. Such spectrum reaches its maximum level at  $\sim 2800 \text{ \AA}$  in the raw image. The maximum DN level is related to the exposure time and the number of FES counts measured at the Reference Point; a rough estimate is 1 DN per minute per 14000 counts (Fast Track Overlap). For High Resolution (HIRES) LWP spectra the impact of the scattered light is still under study here at VILSPA, but the effect is clearly less important than for Low Resolution. The SWP camera is not affected.

#### 4. The effects of the scattered light on scheduling

Since we can now predict the effects of the baffle anomaly on a given observation, scheduling can be optimized so that scientific programs are performed under the best conditions.

In general, targets are scheduled to be observed on dates for which the  $\beta$  angle is below  $60^\circ$ . In this sense, we must distinguish between programmes requesting full shift observations of single objects and programmes requiring short exposures of a number of targets. In the first case, the scheduling of these shifts is now always done when the target is located at these low  $\beta$  angles to avoid the scattered light, minimize overheads in target acquisition and to allow guiding. In the second one, the schedule must be done so that the maximum number of targets included in the proposal will be located at low  $\beta$  angles on the date of observation.

We must note that there are programmes whose targets may need to be observed at high  $\beta$  angles. This is the case for:

- Observations requiring specific date of observation (those which must be done at a given position angle, during an eclipse, coordinated with other satellites or with ground-based facilities,...)
- Targets of opportunity.
- Monitoring programs requiring observations of targets with a large spread



in time.

And some other programmes whose targets are always at high  $\beta$  angles:

- Observations of the Magellanic Clouds and other objects close to the ecliptic poles.

As a result of the actions taken, the distribution of targets observed versus the  $\beta$  angle has significantly changed, as we can see in Figures 2a and 2b. Since the new constraints have been taken into account, the percentage of targets observed at beta angles above  $60^\circ$  has dropped from 61 % to 47 %. This decrease is even more pronounced if we do not take into account those programmes which, of necessity, were scheduled at high  $\beta$  angles.

The positive conclusion is that the efficiency of IUE in terms of science exposure time versus total satellite time is still 55%, which is very similar to the efficiency achieved 2 years ago (62%), when no scattered light was present in the FES.

**References:**

Rodríguez Pascual, P.M., Fernley, J.A.: 1993, *Proceedings of the IUE Three Agency Coordination Meeting*, 1993, May 5-7, V.9

Rodríguez Pascual, P.M.: 1993, *ESA IUE Newsletter #42*, 8

Figure Captions

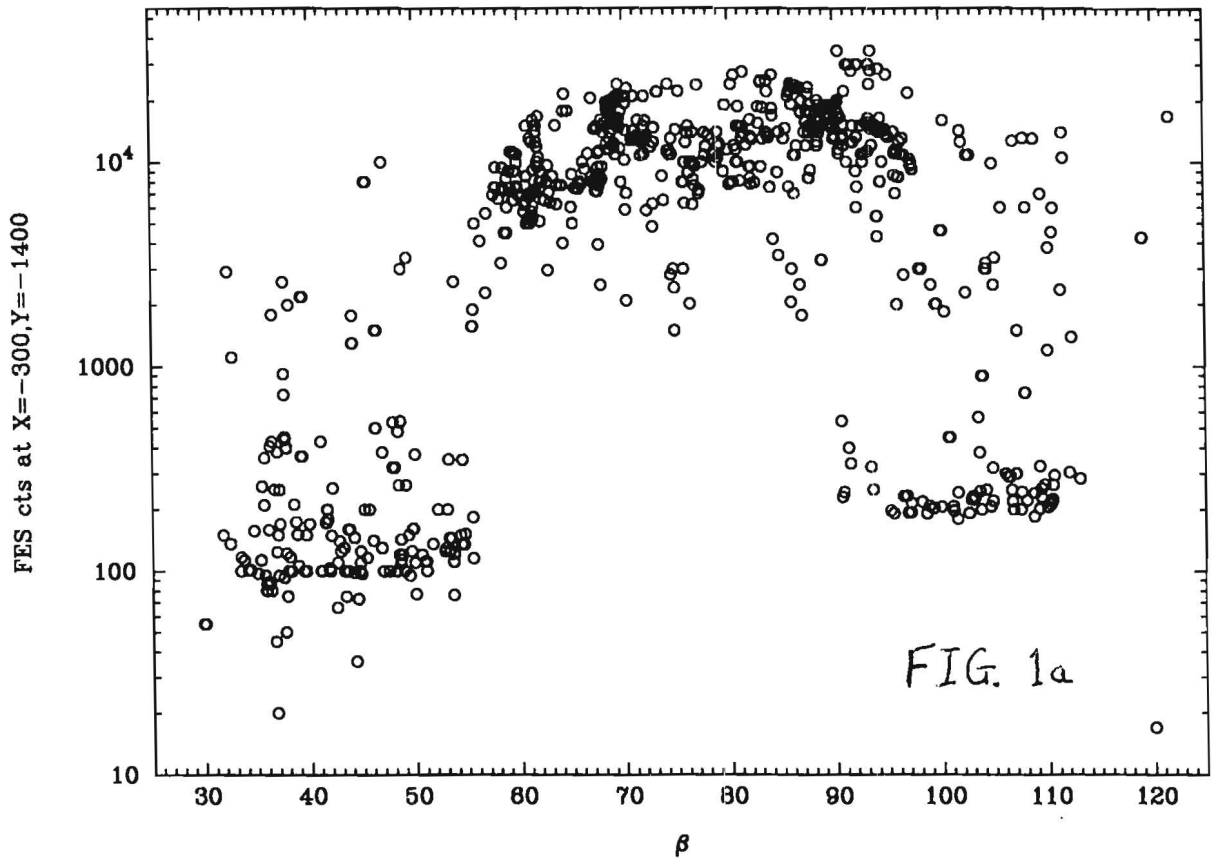
**Figure 1a.** Number of FES counts against the  $\beta$  angle for the period January - April 1993.

**Figure 1b.** Same as Figure 1a now for the period May - September 1993. Note how the high  $\beta$  angle window has completely disappeared.

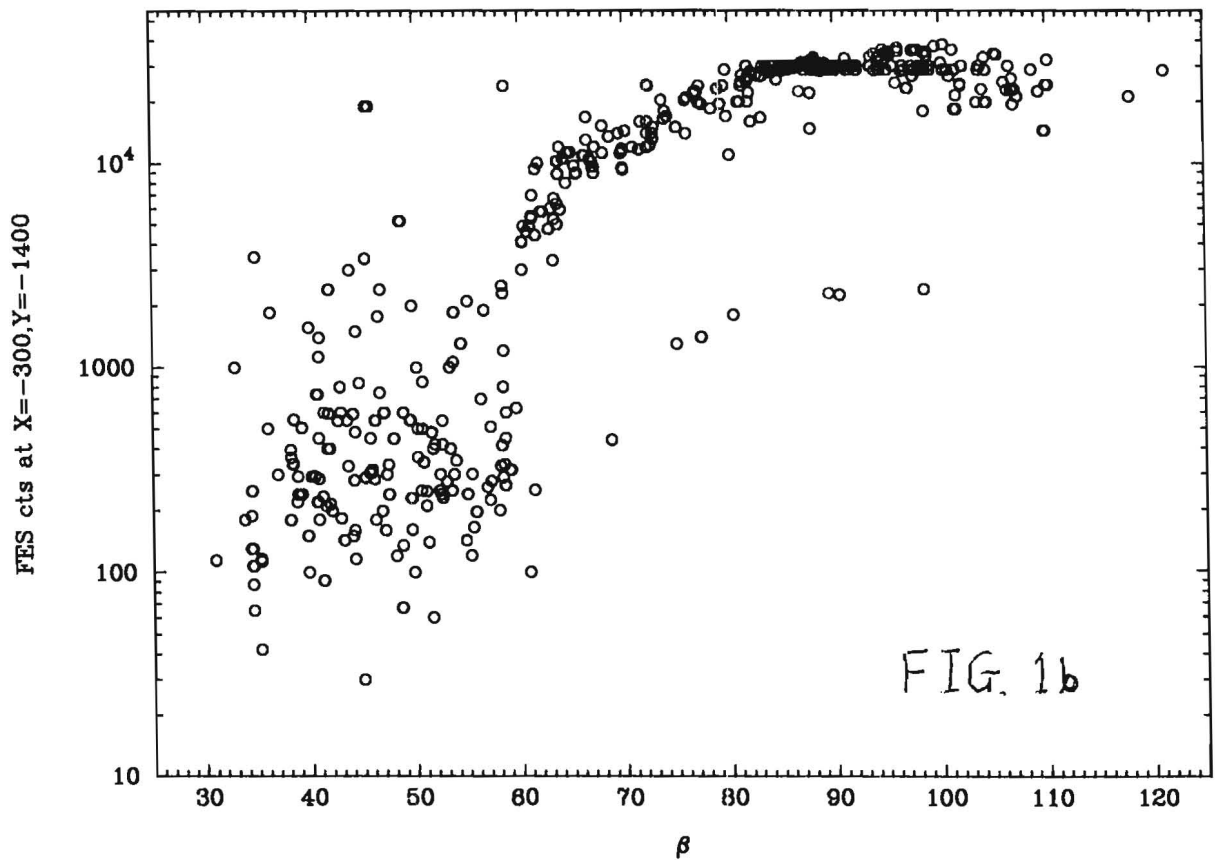
**Figure 2a.** Frequency of observations versus  $\beta$  angle during the period January-April 1993.

**Figure 2b.** Same as Figure 2a now for the period May - September 1993. Note the increase in the number of observations made at low  $\beta$  angles.

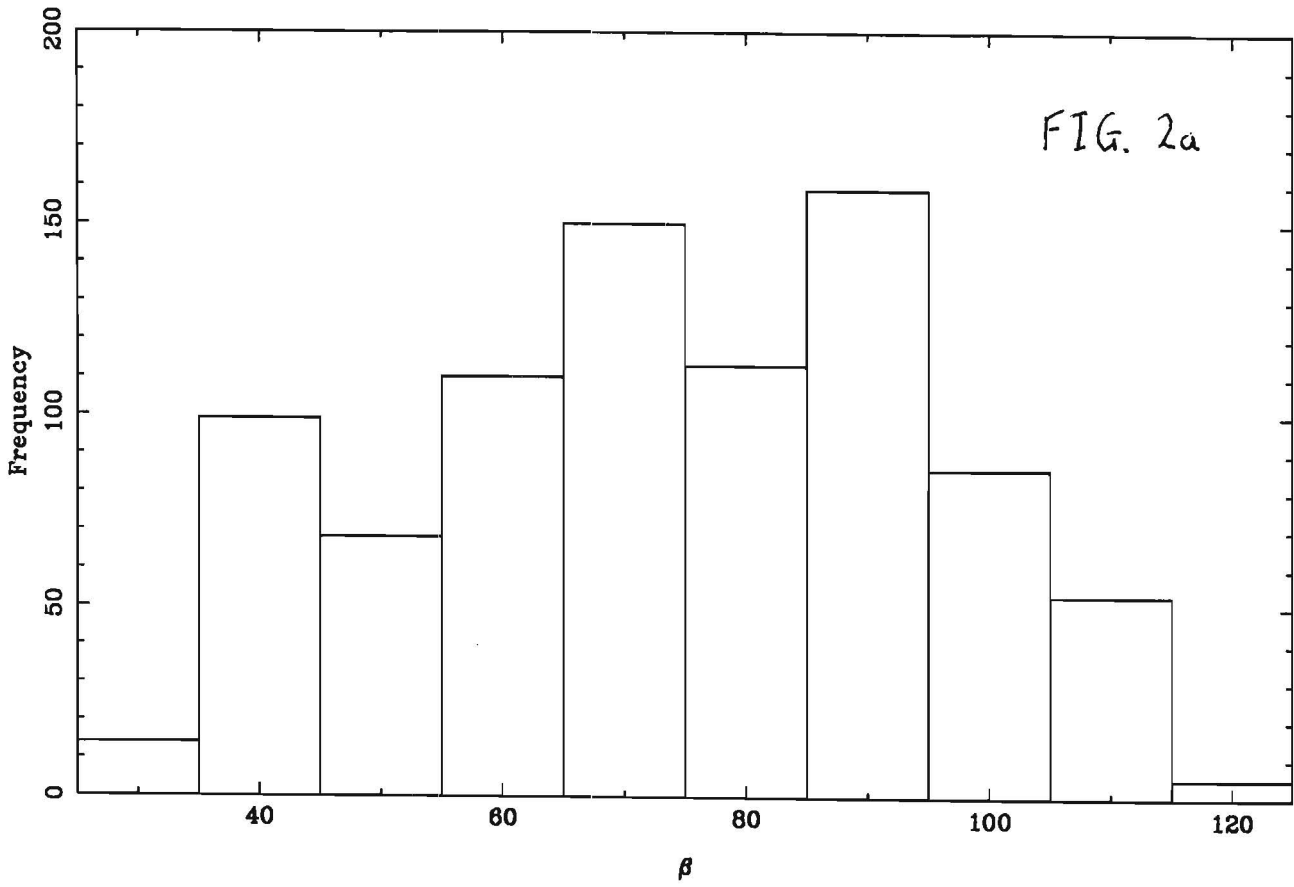
January-April



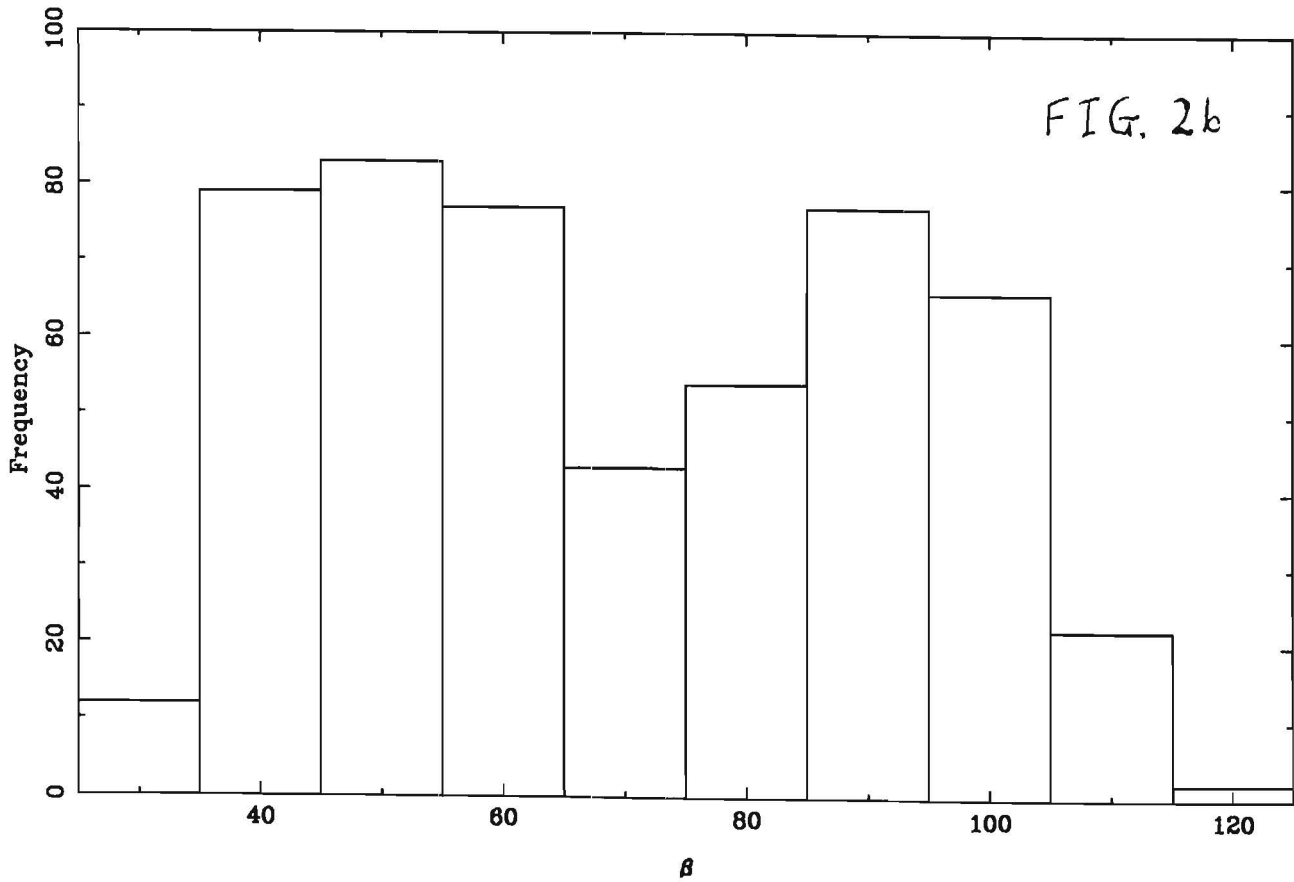
May-September



January-April



May-September



## Removal of Contamination from LWP, Low Resolution Spectra

P. Rodriguez Pascual and J. Fernley, Vilspa

LWP spectra taken since November 1992 are, in some cases, contaminated by scattered light. At low resolution the contamination takes the form of a broad (because the scattered light fills the aperture) spectrum which is strongest at longer wavelengths and falls to zero around 2600 Angstroms. Detailed studies of this contaminating spectrum shows it to be basically the solar spectrum but with a wavelength dependent attenuation, presumably caused by the reflecting surface(s) on the spacecraft. As a rough guide we find that around 2900-3000 Angstroms, where the effect is strongest, there is 1 DN/minute of contamination at low resolution per 14,000 counts F/O of scattered light at the Reference Point. Thus, for example, if you took a 30 minute, Lo-Res, LWP and the scattered light was 7000 counts F/O then you will have a peak of 15 DN's contamination. **Based on these calculations, if you believe that your LWP, Lo-Res spectrum may be contaminated then you should check the line-by-line file to verify this. If the image is contaminated then the extracted spectrum produced by IUESIPS should not be used.** The situation with Hi-Res is much less serious, preliminary results show the contamination at Hi-Res is at least an order of magnitude lower. The SWP camera is not affected.

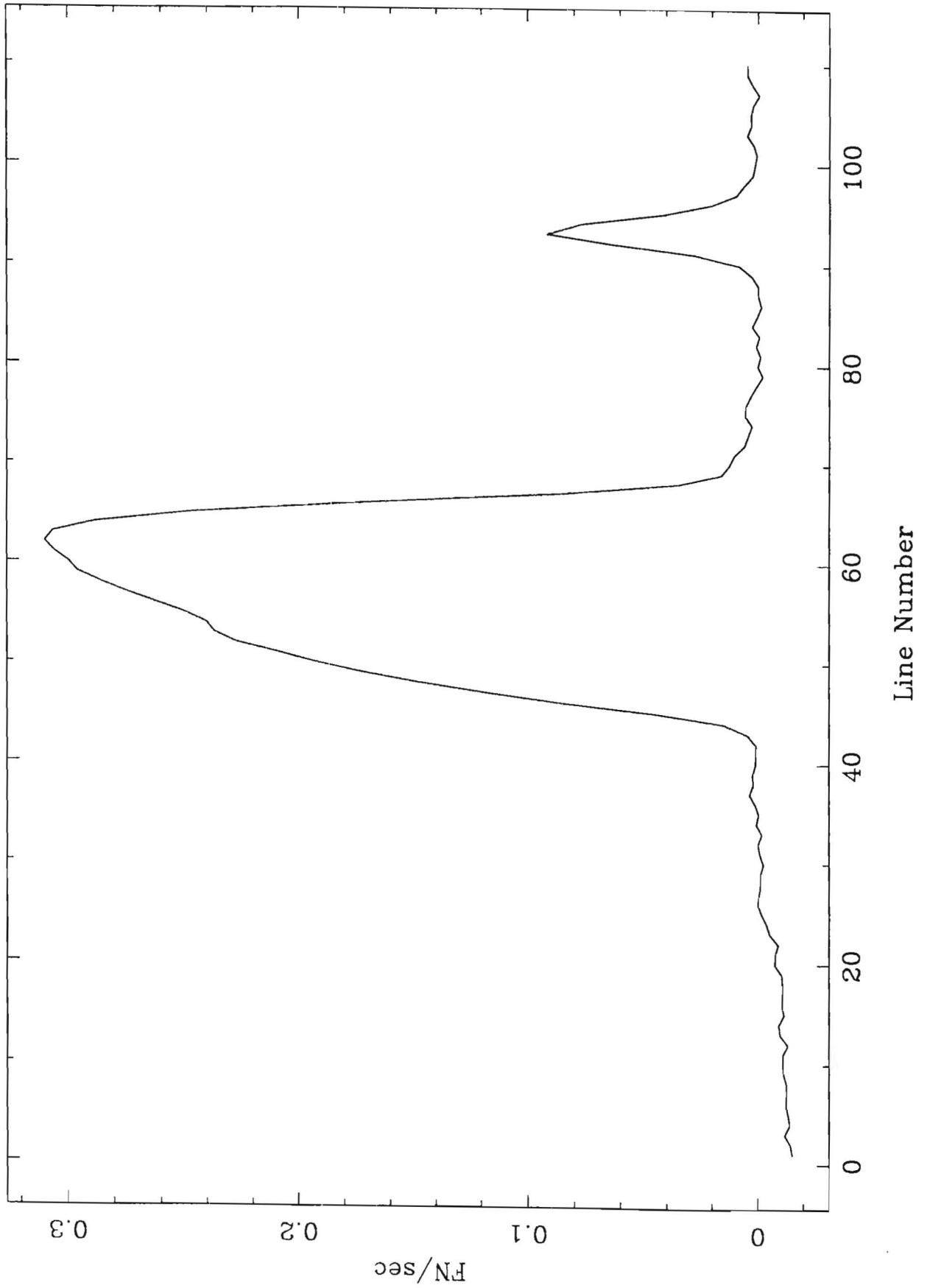
We at Vilspa have been studying how best to extract target spectra in the presence of contamination and we find that the least problematic method is to use the line-by-line file and set the background such that it includes the contamination, i.e. set it much closer to the target spectrum than is done conventionally in IUESIPS. The main problem with this method is that the profile of the contaminating spectrum is not uniform across the aperture (see figure 1) and therefore considerable care has to be taken when choosing the precise region of the background.

If you have any questions on this subject you can contact either of us for further information (VILSPA::PMR or JAF)

### Figure Caption

Plot of the profile across the aperture using the line-by-line file and a serendipity LWP, Lo-Res exposure of the sky made when there was strong scattered light.

LWP26456



## THE IUE FINAL ARCHIVE: REPROCESSING STARTED

A. Talavera, J.D. Ponz  
VILSPA

October 1993

Since 1991 we have published in the IUE Newsletter a series of contributions on the IUE Final Archive. We gave a description of the contents of the archive (1991, ESA IUE Newsletter No. 36, p.8); we described the Core Data Items (CDI), the parameters which technically and scientifically characterize the data and allow its proper interpretation (1991, ESA IUE Newsletter No. 38, p. 38) and the most important improvements made in the new processing system (1992, ESA IUE Newsletter No. 40, p. 14). We presented also the new absolute flux calibration (1992, ESA IUE Newsletter No. 41, p. 34) and explained the homogenization performed in the nomenclature of objects observed with IUE (1992, ESA IUE Newsletter No. 41, p. 28).

Now we can announce that

### **"REPROCESSING OF THE DATA HAS STARTED"**

at Vilspa on August 2, 1993.

It has taken long time to reach this point. The processing algorithms had to be developed and tested carefully. This development was done at GSFC. New ITF's, which required the acquisition of new images, were built. The different calibrations, wavelength and flux, were developed (this also needed new observations of standard and white dwarfs stars). Camera sensitivity variations were re-derived. And the whole had to be integrated into a production system. In parallel, the CDIs were verified interactively by the project staff.

The production system (called NEWSIPS, as opposed to the current IUESIPS) was developed independently at each processing station to take into account the different operational set-ups. It is a very complex system. One of the basic requirements was that NEWSIPS should run with a minimum of human intervention (in the current IUESIPS each image goes through an interactive data processing). To achieve this, it was necessary to include in NEWSIPS a detailed quality control mechanism. This is achieved by numerical tests performed on a series of parameters at various steps during the processing of each image. In this way, anomalies in the data or in the numerical process can be detected and flagged. Some of these anomalies will simply provide a warning message which will be included in the FITS header of the output files, indicating that the future user should pay special attention in the analysis of the data. Other flags will cause the rejection of the

image, which in this case will have to be studied by the IUE staff and reprocessed again.

The correctness of the algorithms was proved during the SCIENCE VERIFICATION in which images of all kind of sources, with different characteristics were processed and carefully examined. The whole NEWSIPS was first tested in what was called PILOT VERIFICATION processing, in which 200 images per camera and dispersion were run through the system at both processing centers, GSFC and Vilspa, then studied and compared to show byte by byte compatibility. This ensured that NEWSIPS produces the same outputs at both stations. To guarantee the stability and compatibility of the processing system a fixed reduced set of images will be processed periodically.

The algorithms were written in FORTRAN and then implemented under the MIDAS system which provides the basic platform for data I/O and process control.

The H/W environment was also the subject of a detailed analysis. Since part of the algorithms, in particular the cross-correlation techniques used to apply the ITF, are very CPU demanding, the proper choice was important. It was decided to perform the reprocessing in a DEC workstation with Ultrix as operating system.

NEWSIPS is run by the Image Processing Specialists in parallel with IUESIPS. The average processing time per image in low resolution is 15 minutes, but what really limits the production speed is the handling of the output data. Nearly 5 Mbytes per processed image means that the staging areas are filled very rapidly. The data are transferred to 6mm DAT tapes which will then be the source for writing optical disks, the final medium for the data.

The first set of data which will be reprocessed includes all observations obtained before 1990. We have started with SWP low resolution images (about 1200 have already been processed successfully). Then LWP and LWR low resolution will follow (the calibrations for this camera will be ready very soon). The development of the algorithms for high resolution is progressing rapidly and we expect to be able to start high resolution reprocessing at some point next year.

The availability of data processed with NEWSIPS will impose the need to have current observations processed also with the new system. We are anticipating this will be implemented, as soon as it is technically feasible.

We shall continue reporting on the progress of the IUE Final Archive.



### Suppression of the IUE Merged Log Print-Out

M. Barylak, ESA IUE Observatory

Your search for the printed portion of the Merged Log of IUE Observations will not be successful in future editions of the ESA IUE Newsletter since this will be the last edition containing such a print-out.

What are the alternatives for getting the observing log?

You can try the following (in order of preference):

- Access the on-line observing log at VILSPA via the various communications networks (i.e. SPAN, Internet, etc.).
- Copy the current IUE Merged log from the GO account at VILSPA.
- Ask for the latest issue of the IUE Merged Log microfiches.
- E-Mail/FAX a data base query giving name and coordinates (epoch 1950.0) of the objects you are interested in.

#### On-line observing logs at the VILSPA database

If you decide to use the on-line observing logs, you choose one of the most up-to-date sources of information about IUE observations.

To connect to VILSPA:

- SET HOST VILSPA on SPAN
- SET HOST/X29 21452130213328 for X.25 connections
- TELNET 131.176.121 on INTERNET

and login as VILSPA, password: DB.

Please refer to the "*VILSPA Database User's Guide*" (ESA IUE Newsletter NO. 37) for a detailed description of the query programs helping to consult the on-line IUE observing logs.

#### Merged Log in Table FITS format

The Merged Log of IUE Observations is available in two formats. In Table FITS format (see Harten et al., *Astron. Astrophys. Suppl. Ser.* **73**, pg. 365, 1988, and on microfiches (see next section).

You can either request a copy of this log on magtape or copy it from the following *Guest Observer* (GO) account at VILSPA:

- Account:  
VILSPA'GO VSCC':SY\$USER:[GO.IUE\_ML92]
- Files: IUE\_ML92.HDR and IUE\_ML92.Z

You will need about 8.000 blocks of disk space (i.e. 4Mbytes) for these (UNIX) compressed files. These files will become available via anonymous FTP at the end of this year. Do not hesitate to contact me for any further details.

### Merged Log on microfiches

Once a year, the ESA IUE observatory produces a copy of the Merged Log on microfiches. These microfiches are distributed in one of the ESA IUE Newsletters.

If you are in need of additional copies please contact us (see next section).

### E-mail/FAX Addresses

If all these enchanting possibilities seem to be more inaccessible for you than ever, don't despair. We will do our best to deal with your queries via:

- E-mail: VILSPA::IUEOBS (28845::IUEOBS)  
iueobs@v3300.vilspa.esa.es (131.176.121.4)
- FAX Nr.: +34-1-8131-139
- Postal Address: ESA-IUE Observatory  
P.O. Box 50727  
28080 Madrid (Spain)

A BRIEF LIST OF MAJOR IUE ATLASES AND CATALOGUES

Compiled by P. S. Pitts

"Atlas of the Wavelength Dependence of Ultraviolet Extinction in the Galaxy"

Aiello et al. A & A Supp, 73, 195, 1988

"The Spectrum of the VV Cephei Star KQ Puppis (Boss 1985). II. Atlas of the Optical and Ultraviolet Spectrum"

Altamore et al. A & A Supp, 92, 685, 1992

"The IUE Spectral Atlas of Two Normal B Stars: Pi Ceti and Nu Capricorni (125-198 nm)"

Artru et al. A & A Supp, 80, 17, 1989

An Atlas of UV Spectra of Supernovae

Benvenuti et al. ESA SP 1046, 1982

"An Ultraviolet Spectral Atlas of Interstellar Lines toward SN 1987A"

Blades et al. ApJ, 334, 308, 1988

"An Atlas of Emission Line Fluxes of Planetary Nebulae in the 1150-3200 Å Region"

Boggess et al. NASA Conf. Publ. 2171, 663, 1980

"The Ultraviolet Calibration of the Hubble Space Telescope. IV. Absolute IUE Fluxes of Hubble Space Telescope Standard Stars"

Bohlin et al. ApJ Supp, 73, 413, 1990

"The Ultraviolet Spectrum of Noncoronal Late-Type Stars: The Gamma Crucis (M3.4 III) Reference Spectrum"

Carpenter et al. ApJ Supp, 68, 345, 1988

IUE - ULDA Access Guide No. 4: Active Galactic Nuclei (Vols. A & B)

Courvoisier & Paltani                      ESA SP 1153A, 1153B, 1992

"An Ultraviolet Line List for O Star Spectra"

Dean & Bruhweiler                      ApJ Supp, 57, 133, 1985

A Be Star Atlas of Far UV and Optical High-Resolution Spectra

Doazan et al.                              ESA SP 1147, 1991

"A Survey of Mg II h and k Emission in Near-Solar-Type Stars"

Doherty                                      MNRAS, 217, 41, 1985

"The Colorado IUE Active Galaxy Survey. I. Blazars"

Edelson et al.                              Ap.J. Supp., 83, 1, 1992

"Spectral Synthesis in the Ultraviolet. I. Far-Ultraviolet Stellar Library"

Fanelli et al.                              ApJ, 321, 768, 1987

"Spectral Synthesis in the Ultraviolet. III. The Spectral Morphology of Normal Stars in the Mid-Ultraviolet"

Fanelli et al.                              ApJ, 364, 272, 1990

"Spectral Synthesis in the Ultraviolet. IV. A Library of Mean Stellar Groups"

Fanelli et al.                              ApJ Supp, 82, 197, 1992

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Faraggiana et al.                      ApJ Supp, 61, 719, 1986

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Feibelman et al.                      NASA Ref. Publ. 1203, 1988

IUE - ULDA Access Guide No. 2: Comets

Festou                                      ESA SP 1134, 1990

"IUE and Einstein Survey of Late-Type Giant and Supergiant Stars and the Dividing Line."

Haisch et al. ApJ, 361, 570, 1990

IUE Low-Dispersion Spectra Reference Atlas. Part I. Normal Stars

Heck et al. ESA SP 1052, 1984

"The Stellar Winds of 203 Galactic O Stars: A Quantitative Ultraviolet Survey"

Howarth & Prinja ApJ Supp, 69, 527, 1989

"An Ultraviolet Atlas of Quasar and Blazar Spectra"

Kinney et al. ApJ Supp, 75, 645, 1991

"An Atlas of Ultraviolet Spectra of Star-Forming Galaxies"

Kinney et al. ApJ Supp

"The IUE Spectrum of the Wolf-Rayet System HD 193077"

Koenigsberger Rev. Mex. Astron. Astrof., 20, 85, 1990

"A Catalogue of Low-Resolution IUE Spectra of Dwarf Novae and Nova-Like Variables"

la Dous Sp Sci Rev, 52, 203, 1990

IUE - ULDA Access Guide No. 1: Dwarf Novae and Nova-like Stars

la Dous ESA SP 1114, 1989

IUE - ULDA Access Guide No. 3: Normal Galaxies

Longo & Capaccioli ESA SP 1152, 1992

"An Atlas of Synthetic Spectra of Galaxies"

Rocca-Volmerange & Guiderdoni A & A Supp, 75, 93, 1988

"IUE UV Spectra of Extragalactic H II Regions. I. The Catalogue and the Atlas"

Rosa et al. A & A Supp, 57, 361, 1984



**LIST OF APPROVED IUE PROPOSALS**

**16TH RUN**

**1993 - 1994 - 1995**

(LV indicates a proposal that was given the status of Lasting Value)

TITLE	APPLICANTS	INSTITUTION	PROGRAM ID
UV Variability of the Quasar 3C 273	T. Courvoisier M.H. Ulrich W. Wamsteker	Geneva Muenchen Madrid (VILSPA)	QQ 005 LV
Non-stationary disk evolution in V803 CEN	J.E. Solheim A. Bruvold B. Saadatnejad	Tromso Tromso Tromso	QI 006
Short-term variability in the 'Hybrid'bright giants - evidence for pulsation ?	G.M. Harper C. Jordan	Oxford Oxford	QC 007
Cool stars with measured surface magnetic fields	C. Jordan D. Philipides B. Montesinos	Oxford Oxford Madrid (LAEFF)	QC 008
The evolutionary status of the hot subdwarf in HD 185510	C.S.Jeffery T. Simon	Scotland Hawaii	QI 009
Planetary perturbations in the disk of Beta Pictoris	M. Deleuil H. Beust R. Ferlet C. Gry A.M. Langrange A. Vidal-Madjar A. Lecavalier	Marseille Paris Paris Marseille Grenoble Paris Paris	QM 013 LV
Ionization near Beta Pictoris	M. Deleuil H. Beust R. Ferlet C. Gry A.M. Latrange A. Vidal-Madjar A. Lecavalier  W. Moos P. Feldman M. McGrath	Marseille Paris Paris Marseille Grenoble Paris Paris  USA USA USA	QM 014

TITLE	APPLICANTS	INSTITUTION	PROGRAM ID
Ultraviolet Spectra of New WFC Cataclysmic Variables	K.O. Mason M. Watson  S. Howell	Mullard Leicester  USA	QI 017
New EUV-bright AGN from the ROSAT Wide Field Camera Survey	E. Puchnarewicz K. Mason	Mullard Mullard	QQ 018 LV
IUE Observations of post AGB stars which show spectrum variation	M. Parthasarathy S.R. Pottasch D. de Martino	Bangalore Groningen Madrid (VILSPA)	QA 019 LV
Search for new species in IO's atmosphere	M.C. Festou  S.A. Stern L.M. Trafton N.M. Schneider	Toulouse  USA USA USA	QS 023
Observations of unique asteroids and asteroid surface calibration targets	M.C. Festou  S.A. Stern B.J. Buratti D.J. Tholen	Toulouse  USA USA USA	QS 024
Ultraviolet spectra of normal spiral galaxies	N. Panagia  D. Calzetti A.L. Kinney R.C. Bohlin R.F.G. Wyse T.S. Bergmann	Baltimore (ESA)  USA USA USA USA USA	QE 025 LV
Spectral variability of the ultraviolet to X-ray bump in PG 1211+143 and NGC 5548	R. Walter T. Courvoisier	Muenchen Geneva	QQ 027
Flux-flux and flux-rotation relations in G-type giants	B. Montesinos C Jordan	Madrid (LAEFF) Oxford	QC 030
Following the symbiotic nova PU Vulpeculae	H. Nussbaumer W. Schmutz	Zurich Zurich	QI 032 LV
A study of the origin of carbon and a measure of the OD/OH ratio from the observation of a very bright comet	G.P. Tozzi M. Festou  P.D. Feldman	Arcetri Toulouse  USA	QS 034
Evolutionary changes in extreme helium stars	C.S. Jeffery	St Andres	QA 035 LV



TITLE	APPLICANTS	INSTITUTION	PROGRAM ID
The most massive stars	D.J. Stickland R.W. Hilditch C. Lloyd	RAL St Andrews RAL	QI 039
Evolutionary status of lambda Boo stars	M. Gerbaldi R. Faraggiana	Paris Trieste	QA 044
The galactic bulge reddening law	N.A. Walton M.J. Barlow R.E.S. Clegg	London London R.G.O.	QM 045
UV energy distributions, mass loss and abundances of post-AGB candidates	N.R. Trams R. Oudmaijer C. Waelkens R. Waters	Noordwijk (ESTEC) Groningen Leuven Groningen	QA 049
A flux limited survey of RS CVn systems	M. Rodono B.P. Byrne G. Cutispoto I. Pagano K. Strassmeier	Catania Armagh Catania Catania Wien	QC 050
A search for rapid UV variability in VW Hyi	T. Naylor P. Charles R. Glz-Riestra B. Hassall  K. Mukai	Keele Oxford Madrid (VILSPA) Cambridge  USA	QI 052
Velocity laws for the winds of cool giants	R. Knill H. Nussbaumer	Zurich Zurich	QC 053
The nature of M dwarfs with a zero H alpha flux	J.G. Doyle M. Mathioudakis	Armagh Armagh	QC 054
The velocity distribution of heliospheric hydrogen	E. Quemerais R. Lallement J.L. Bertaux  D. Hall	Verrieres Verrieres Verrieres  USA	QS 056
Evolutionary state of luminous far-infrared/ X-ray galaxies	J.M. Mas Hesse P. Rodriguez P. M. Cervino F. Mirabel Y. Raphaeli	Madrid (LAEFF) Madrid (VILSPA) Madrid (LAEFF) Saclay Tel Aviv	QE 058
Metallic contamination of nebular gas in star-forming regions	J.M. Mas Hesse D. Kunth	Madrid (LAEFF) Paris	QE 059

TITLE	APPLICANTS	INSTITUTION	PROGRAM ID
Star formation in gas-rich 50 galaxies	W. Wamsteker A.C. Danks M. Fannelli M. Perez	Madrid (VILSPA) USA USA USA	QE 060 LV
The BLR size in high luminosity AGN: F-9	W. Wamsteker	Madrid (VILSPA)	QQ 061 LV
Study of the UV emission and orbital variability in a sample of magnetic cataclysmic variables	D. de Martino M. Mouchet D. Buckley K. Mukai J.M. Bonnet-B.	Madrid (VILSPA) Paris South Africa South Africa Saclay	QI 066
Testing a magnetic viscosity mechanism in anti-dwarf novae	C. la Dous C. Tout J. Pringle	Madrid (VILSPA) Cambridge Cambridge	QI 068
FG Sge: a unique case to test post-AGB stellar evolution	B. Montesinos R. Gonzalez-R. A. Cassatella T. Fernandez-C.	Madrid (LAEFF) Madrid (VILSPA) Frascati Madrid	QC 069 LV
A search for spectral changes in post-AGB stars	L. Sanz P. Garcia Lario M. Parthasarathy B. Montesinos	Madrid (LAEFF) Madrid (LAEFF) Bangalore Madrid (LAEFF)	QA 070
A search for hot companions to post-AGB stars with nebular emission lines	L. Sanz P. Garcia Lario M. Parthasarathy B. Montesinos	Madrid (LAEFF) Madrid (LAEFF) Bangalore Madrid (LAEFF)	QC 071
IUE Monitoring of symbiotic stars experiencing UV outbursts: Z andromedae	T. Fernandez-C. R. Gonzalez-R. A. Cassatella	Madrid Madrid (VILSPA) Frascati	QI 072
Binary Cepheids and stellar evolution	J. Fernley N.R. Evans A.K. Dupree	Madrid (VILSPA) Canada USA	QC 076
The evolution of accretion phenomena in massive proto-planetary systems	A. Talavera P.S. The C.A. Grady M. Perez	Madrid (VILSPA) Amsterdam USA USA	QA 077 LV
High resolution spectroscopy of Magellanic Cloud WR stars	A.J. Willis L.J. Smith P.A. Crowther	London London London	QA 080

TITLE	APPLICANTS	INSTITUTION	PROGRAM ID
Fast UV variations in a low luminosity Seyfert: NGC 4051	M.J. Ward D. Hughes M.H. Ulrich A. Lawrence	Oxford Oxford Muenchen London	QQ 081
A search for transparent lines of sight in bright high-redshift QSO's	D. Reimers L. Wisotzki H.J. Hagen W. Wamsteker J.L. Sanz	Hamburg Hamburg Hamburg Madrid (VILSPA) Madrid (VILSPA)	QQ 082 LV
UV spectroscopy of newly discovered bright QSO's	D. Reimers L. Wisotzki J. Clavel W. Wamsteker	Hamburg Hamburg Noordwijk (ESTEC) Madrid (VILSPA)	QQ 083
Uncovered central star of NGC 2346	L. Kohoutek K.P. Schroder	Hamburg Hamburg	QA 084
Filling in the missing phases in the far ultraviolet light curve of 21 Com (A3p)	R. Monier	Madrid (VILSPA)	QA 087
Multiwavelength observations of 53 Per stars	R. Monier	Madrid (VILSPA)	QA 089
The galactic Supersoft X-ray Source RXJ 0019.8+2156	K. Beuermann K. Reinsch H.C. Thomas D. de Martino M.W. Pakull	Gottingen Gottingen Muenchen Madrid (VILSPA) Strasbourg	QI 090
New soft X-ray bright AGN discovered with ROSAT	K. Beuermann D. Grupe K. Reinsch H.C. Thomas H. Fink D. de Martino	Gottingen Gottingen Gottingen Muenchen Muenchen Madrid (VILSPA)	QQ 091
Monitoring of neon novae during the decline phase	R. Gonzalez-R. J. Krautter M.A.J. snijders	Madrid (VILSPA) Heidelberg Tubingen	QI 094 LV
A continued search for white dwarf companions to normal stars	M.A. Barstow M.C. Marsh J. Lieberg R.W. Tweedy D. Wonnacott	Leicester Leicester Steward Obs. Steward Obs. MSSL RAL	QC 095

TITLE	APPLICANTS	INSTITUTION	PROGRAM ID
IUE echelle spectra of an EUV selected sample of bright DA white dwarfs	M.C. Marsh M.A. Barstow  J.B. Holberg E.M. Sion	Leicester Leicester  USA USA	QA 096
High dispersion SWP spectra of newly discovered F or G star + DA white dwarf binaries	M.A. Barstow M.C. Marsh B.J. Kellet P. Wonnacott  E.M. Sion	Leicester Leicester RAL MSSL  USA	QC 097
High S/N echelle spectra of two remarkable new white dwarfs	M.C. Marsh M.A. Barstow  J.B. Holberg R.W. Tweedy	Leicester Leicester  USA USA	QA 099
Temperatures, gravities and compositions of a low EUV/X-ray luminosity sample of DA white dwarfs	M.A. Barstow M.C. Marsh  J.B. Holberg R.W. Tweedy	Leicester Leicester  USA USA	QA 100
Lyman-alpha emission from metal-poor starburst galaxies	D. Valls-Gabaud J.M. Deharveng V. Buat  D. Calzetti A.L. Kinney	Paris Marseille Marseille  USA USA	QE 101
Intensive multiwavelength monitoring of PKS 2155-304	L. Maraschi + 36 co-investigators	Milano	QQ 102
IUE survey of X-ray selected late type stars	F. Favata A. Maggio L. Bianchi	Noordwijk (ESTEC) Palermo Torino	QC 104
International AGN watch: continuous monitoring of NGC 4151	J. Clavel +6 co-investigators + 30 European Participants	Noordwijk (ESTEC)	QQ 105
The variations of the UV properties of low mass pre-main-sequence stars with the evolutionary state	A.I. Gomez de C. R. Monier	Madrid (VILSPA) Madrid (VILSPA)	QC 107 LV

TITLE	APPLICANTS	INSTITUTION	PROGRAM ID
Pleione's phase changes: a clue for understanding the Be phenomenon	V. Doazan M. Barylak N. Cramer A. de la Fuente	Paris Madrid (VILSPA) Geneve Madrid (VILSPA)	QA 108 LV
Rosetta stone for the "Photospheric Connection"	I.D. Howarth A.H.N. Reide  C.T. Bolton A.W. Fullerton	London London  Canada USA	QA 109
Late stages in the outburst of classical novae	J. Krautter H. Ogelman  S. Starrfield	Heidelberg Muenchen  USA	QI 111
Mapping the circumstellar matter of crucial giants in Zeta-Aurigae binaries	K.P. Schroder M. Hunsch	Hamburg Hamburg	QC 117 LV
A study of the peculiar hot coronal K-giant HR 4289	M. Hunsch D. Reimers	Hamburg Hamburg	QC 118
Simultaneous observations of AGN with the IUE and Orpheus experiments	M.A.J. Snijders G. Kraemer M. Grewing M.A.J. Snijders N. Kappelmann	Tuebingen Tuebingen Tuebingen Tuebingen Tuebingen	QQ 120
Distances and metallicities of high-velocity clouds	H. van Woerden K.S. de Boer U.J. Schwarz  B.P. Wakker	Groningen Bonn Groningen  USA	QM 123
UV delay of anomalous SS Cygni outbursts	A. Hempelmann C. la Dous A. Schwoppe	Potsdam Madrid (VILSPA) Potsdam	QI 124
The symbiotic Mira He2-147 and the family of Crabs	U. Munari F. Patat L. Buson	Padova Padova Padova	QI 128
Testing the accretion scenario for polar ring galaxies	M. Capaccioli M. Arnaboldi G. Barbaro L. Buson  L. Sparke	Padova Trieste Padova Padova  USA	QE 130

TITLE	APPLICANTS	INSTITUTION	PROGRAM ID
Dynamics and radiation processes of interstellar shocks (Herbig-Haro objects)	R. Liseau M. Fridlund	Frascati Noordwijk (ESTEC)	QM 131
Deviation from the Wilson-Bappu relationship	O. Elgaroy O. Engvold P. Joras	Oslo Oslo Oslo	QC 132
Temperature boundaries of the ZZ Ceti instability strip	G. Vauclair N. Allard  D. Koester S.O. Kepler	Toulouse Paris  USA Bresil	QA 135
Evolutionary state of Helium transfer cataclysmics	G. Vauclair J.E. Solheim	Toulouse Tromso	QI 136
Study of Planetary nebulae with IUE	L. Bianchi G. de Francesco P. Glauca J. Jurcsik	Torino Torino Torino Konkoly	QA 140 LV
New X-ray sources in the MC's discovered by ROSAT	L. Bianchi M. Pakull G. Hasinger K. Beuermann	Torino Strasbourg Muenchen Berlin	QI 141 LV
Jupiter's UV Aurora	R. Prange G.E. Ballester L. Benjaffel V. Dols J.C. Gerard D. Rego  J.T. Clarke W.M. Harris T.A. Livengood	Paris London Paris Liege Liege France  USA USA USA	QS 142
H Lyman a profiles from Uranus and Saturn	R. Prange L. Benjaffel G.E. Ballester  J.T. Clarke R. Gladstone M. McGrath	Paris Paris London  USA USA USA	QS 144
Evolution of dwarf carbon stars: a binary connection ?	A. Jorissen	Belgium	QC 152

TITLE	APPLICANTS	INSTITUTION	PROGRAM ID
Wind/flux variability in multiperiodic/large-amplitude Be-shell stars	H.F. Henriëhs  G. Peters D. Gies	Amsterdam  USA USA	QA 153
Study of the long term spectral variation of Eta Carinae	R. Viotti G.B. Baratta A. Cassatella  A. Damineli Neto	Frascati Roma Frascati  Sao Paulo	QA 154 LV
Study of the long term spectral variation of AG Carinae	R. Viotti A. Cassatella V.F. Polcaro	Frascati Frascati Frascati	QA 155 LV
The imminent outburst of the recurrent nova T Pyxidis	P.L. Selvelli A. Cassatella  R. Gilmozzi	Trieste Frascati  USA	QI 157 LV
Probing the geometry of the broad-line region in 0921-213	M.J. Ward C. Simpson	Oxford Oxford	QQ 163
IUE observations of X-ray luminous spiral galaxies	D.H. Hughes M.J. Ward J.S. Dunlop  P. Blanco	Oxford Oxford Liverpool  USA	QE 164
Uranus: separation of emission components by longitudinal modulation	G.E. Ballester R. Prange S. Miller  J. Clarke M. McGrath L. Woodney	London Paris London  USA USA USA	QS 165 LV
Study of high-latitude molecular clouds with IUE	G. Vladilo M. Centurion C. Cassola	Trieste Canarias Trieste	QM 167 LV
IUE observations of high-velocity clouds in the direction of the LMC	P. Molaro G. Vladilo S. Monai M. Centurion	Trieste Trieste Trieste Canarias	QM 168
Variability of the ultraviolet spectrum of the Post-AGB star HD 101584	E.J. Bakker H.J.G.L.M. Lamers N.R. Trams L.B.F.M. Waters	Utrecht Utrecht Noordwijk (ESTEC) Amsterdam	QC 169 LV

TITLE	APPLICANTS	INSTITUTION	PROGRAM ID
UV observations of two eclipsing symbiotic systems: AX Per and CI Cyg	J. Mikolajewska M. Mikolajewski  S.J. Kenyon	Torun Torun  USA	QI 170
The interacting binary HD 104901B	C. Waelkens M. Mayor L.B.F.M. Waters N.R. Trams	Leuven Geneva Groningen Noordwijk (ESTEC)	QI 171
UV monitoring of HR 4049 and HD 213985	C. Waelkens L.B.F.M. Waters N.R. Trams H.J.G.L.M. Lamers	Leuven Amsterdam Noordwijk (ESTEC) Utrecht	QA 172
Dynamics of the Expanding Supergiant shell LMC 3	D.J. Bomans K.S. de Boer  Y.H. Chu M.M. Mac Low	Bonn Bonn  USA USA	QM 175
Activity in an EUV selected sample of nearby very young stars	R.D. Jeffries G.E. Bromage S.J. Jewell	Birmingham RAL Birmingham	QC 177
An ultraviolet-optical spectrophotometric atlas of RV Tauri variables	A. Evans M. Shenton R. Monier	Keele Keele Madrid (VILSPA)	QC 178
UV-spectrophotometry of peculiar hot stars discovered by the Hamburg Schmidt survey	U. Heber S. Dreizler K. Werner S. Jordan	Bamberg Bamberg Bamberg Kiel	QA 180
High resolution UV spectroscopy of 3 metal weak lined SdO stars	S. Dreizler U. Heber K. Werner K. Butler	Bamberg Nuernberg Bamberg Muenchen	QA 181
Colliding winds and dust formation in the all-variable long-period WC7 binaries HD 193793 and HD 192641 a continuation proposal	K.A. v.der Hucht P.M. Williams W. Wamsteker A.M.T. Pollock	Utrecht Edinburgh Madrid (VILSPA) Sheffield	QA 183 LV
UV study of symbiotic stars in the Magellanic Clouds	A. Cassatella R. Gonzalez-R. T. Fernandez-C.	Frascati Madrid (VILSPA) Madrid	QI 184



<b>TITLE</b>	<b>APPLICANTS</b>	<b>INSTITUTION</b>	<b>PROGRAM ID</b>
UV Observations of faint classical Novae	A. Cassatella R. Gonzalez-R. J. Krautter	Frascati Madrid (VILSPA) Heidelberg	QI 185
UV monitoring of the symbiotic star AG Pegasi	A. Altamore A. Cassatella	Roma Frascati	QI 187
SN 1987A light echoes: direct determination of UV shock breakout flux	R. Gilmozzi A. Crotts	USA USA	QM 188 LV

NASA APPROVED IUE PROGRAMS FOR THE 16TH YEAR  
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Dr. Michael F. A'Hearn COPMA IUE Observations of Comets and Related Bodies	U Maryland
Dr. Saul J. Adelman MMPSA Elemental Abundances of Mercury-Manganese Stars	The Citadel
Dr. Bruce M. Altner LBPBA An IUE Investigation of the Lambda Bootis-type Stars: To Be or Not To Be	Applied Research Corporation
Dr. Carol W. Ambruster KDFCA Rotational Spin-Down and Activity in ZAMS D0-K2 Dwarfs	Villanova University
Dr. Carol W. Ambruster EVPCA Simultaneous IUE and EUVE Spectroscopy of the Flare Star EV Lac	Villanova University
Dr. Thomas R. Ayres RSPTA Coronal Topology	U Colorado - CASA
Dr. William G. Bagnuolo OBPWB Tomography and Colliding Winds of O-Type Binaries	Georgia State University
Dr. Gilda E. Ballester JUPGB Jovian Equatorial H Lyman-alpha and the Ionosphere	U Michigan
Dr. William P. Blair CLPWB Cloud Crushing in the Southeast Cygnus Loop	Johns Hopkins University
Dr. Erika H. Bohm-Vitense FSPEB Transition Layers of Hyades F Stars	U Washington
Dr. Jay A. Bookbinder LAPJB Lyman Alpha Observations of High Velocity Dwarfs	Harvard CFA - SAO
Dr. Bernard W. Bopp FBPBB Pulsationally Induced Mass-Dumping in F + B Binaries	U Toledo
Dr. C. Stuart Bowyer DAPCB Heavy Element Abundance in Hot DA White Dwarfs	UC Berkeley - CEA
Dr. Alexander Brown RSPAB Simultaneous Coronal, TR, and Chromospheric Spectroscopy of HR1099	U Colorado - JILA
Dr. Frederick C. Bruhweiler PNPFB High Dispersion IUE Studies of Hot Central Stars of Planetary Nebula	Catholic University

- Dr. Frederick C. Bruhweiler Catholic University  
KNPFB  
The Star Formation History in the UV-Bright Knots of NGC 4449
- Dr. Frederick C. Bruhweiler Catholic University  
HEPFB  
The Physics in Circumstellar Envelopes and Disks Around Herbig Ae/Be Stars
- Dr. Geoffrey S. Burks U Colorado - CASA  
ABPGB  
A Study of Radio Continuum Loop I Absorption near the 3C273 Sight Line
- Dr. Richard H. Buss Johns Hopkins University  
IGPRB  
Determining Gas Densities and Grain Compositions
- Dr. Jason A. Cardelli U Wisconsin - Madison  
IGPJC  
Limits on Grain Surface Chemistry
- Dr. Jason A. Cardelli U Wisconsin - Madison  
ISPJC  
The Structure of the Interstellar Medium Along Low Density Galactic Sightlines II
- Dr. Kenneth G. Carpenter NASA - GSFC  
COPKC  
CO Molecular Absorption in Far-UV Spectra of Cool Stars
- Dr. Kwang-Ping Cheng NASA - GSFC  
GCPKC  
The Brightest Star in M79 at 1500 Angstroms: A future White Dwarf?
- Dr. You-Hua Chu U Illinois  
SHPYC  
The Supergiant Shell LMC3
- Dr. You-Hua Chu U Illinois  
SRPYC  
Interstellar Absorption Lines as Diagnostic Tools for Hidden Supernova Remnants
- Dr. Geoffrey C. Clayton U Colorado - CASA  
DEPGC  
Catching It In the Act: Predictable Declines in V854 Centauri
- Dr. Geoffrey C. Clayton U Colorado - CASA  
CSPGC  
Emission Line Regions in Cool Hydrogen Deficient Carbon Stars
- Dr. Ross D. Cohen UC San Diego  
XGPRC  
Ultraviolet Observations of X-ray-luminous Spiral Galaxies
- Dr. Michael R. Combi U Michigan  
MOPMC  
Variation of the Solar Lyman-alpha Line Profile with Solar Activity
- Dr. Peter S. Conti U Colorado - CASA  
WNPPC  
Spectroscopy of Wolf-Rayet Stars of Type WN
- Dr. Peter S. Conti U Colorado - CASA  
WGPPC  
Spectral Synthesis of Wolf-Rayet Galaxies

Dr. Anne P. Cowley LXPAC LMC X-ray Sources	Arizona State University
Dr. Arlin P. S. Crotts SNPAC SN 1987A Light Echoes: Direct Determination of UV Shock Breakout Flux	Columbia University
Dr. Manfred Cuntz VKPMC Short-Term Variability of Luminous K Stars: A Test Case of Hydrodynamic Modelling	HAO - NCAR
Dr. Anthony C. Danks SGPAD Star Formation in Gas Rich SO Galaxies	Hughes - STX
Dr. Laura Danly IGPLD Infalling Gas in the Southern Galactic Hemisphere	ST Sci
Dr. Horst J. Drechsel SVPHD The Evolutionary State of SV Centauri	U Colorado - JILA
Dr. Linda L. Dressel SGPLD Star-Burst Rings in S0 Galaxies	Applied Research Corporation
Dr. John S. Drilling GHPJD UV Spectroscopy of Very Hot Stars in the Galactic Halo	Louisiana State University
Dr. Reginald J. Dufour PNPRD Longslit IUE Spectroscopy of Planetary Nebulae	Rice University
Dr. Andrea K. Dupree AOPAD Study of the Atmosphere of Alpha Orionis	Harvard CFA - SAO
Dr. Andrea K. Dupree AAPAD Supersonic Chromospheric Winds	Harvard CFA - SAO
Dr. Joel A. Eaton CYPJE Mapping the Chromosphere of 31 Cygni	CEIS - Tennessee State Univ.
Dr. Joel A. Eaton LTPJE Long-Term Observations of 31 Cygni	CEIS - Tennessee State Univ.
Dr. Joel A. Eaton RSPJE Eclipses of Active Regions in RS CVN Binaries	CEIS - Tennessee State Univ.
Dr. Richard A. Edelson IMPRES International AGN Watch: Continuous Monitoring of NGC 4151	NASA - GSFC
Dr. Nancy Ramage Evans TEPNE Temperatures for Stars with Accurate Masses and Radii	ISTS - York University

Dr. Nancy Remage Evans        - 39 -            ISTS - York University  
     BCPNE  
 Binary Cepheids and Stellar Evolution

Dr. Francis C. Fekel                            CEIS - Tennessee State Univ.  
     MAPFF  
 The Relationship of Metallicity and Activity

Dr. Paul D. Feldman                            Johns Hopkins University  
     COPPF  
 Observations of Comets with IUE

Dr. Alexander W. Fullerton                    U Delaware  
     PCPAF  
 HD 93521: Rosetta Stone for the Photospheric Connection

Dr. Ian M. George                              USRA  
     IMPIG  
 Intensive Monitoring of Spectral Evolution in 0716+714

Dr. Carol A. Grady                              Applied Research Corporation  
     PPPCG  
 The Evolution of Accretion Phenomena in Massive Proto-Planetary Systems

Dr. James C. Green                              U Colorado - CASA  
     ISPJG  
 The Line of Sight to HD 206267

Dr. James C. Green                              U Colorado - CASA  
     CIPJG  
 High Velocity Circumstellar material from Evolved Massive Stars

Dr. Edward F. Guinan                           Villanova University  
     EBPEG  
 Eclipsing Binaries in the Magellanic Clouds: Fundamental Properties and Distances

Dr. Edward F. Guinan                           Villanova University  
     ACPEG  
 Activity Cycles in Stars with Highly Active Chromospheres

Dr. Edward F. Guinan                           Villanova University  
     FGPEG  
 FG Sagittae: Stellar Evolution - Caught in the Act!

Dr. Doyle T. Hall                                Johns Hopkins University  
     IOPDH  
 The Temperature of Io Plasma Torus Electrons

Dr. Walter M. Harris                            U Michigan  
     JUPWH  
 Spectroscopic Study of Jovian Auroral Phenomena Discovered by HST/FOC

Dr. Paul W. Hodge                                U Washington  
     LMPPH  
 An HR Diagram for LH 72

Dr. Jay B. Holberg                                U Arizona  
     HDPJH  
 IUE Echelle Spectra of an EUV Selected Sample of Hot DA White Dwarfs

Dr. Jay B. Holberg                                U Arizona  
     WDPJH  
 High Signal-to-Noise Echelle Spectra of Two Remarkable New White Dwarfs

Dr. Jay B. Holberg                                U Arizona  
     DAPJH  
 IUE Observations of EUV Selected Hot DA White Dwarfs

Dr. Keith Horne ST Sci  
IPPKH  
Phase-Dependent Observations of Intermediate Polars

Dr. Steven B. Howell Planetary Science Institute  
CVPSH  
IUE Observations of ROSAT Selected Magnetic Cataclysmic Variables

Dr. Min Huang Villanova University  
WDPMH  
IUE Echelle Investigation of the Peculiar Helium-Rich Degenerate,  
PG 1346+0 82

Dr. Catherine L. Imhoff CSC - Astronomy Programs  
DCPCI  
Star Formation in the Taurus-Auriga Dark Clouds

Dr. Ronald H. Kaitchuck Ball State University  
UUPRK  
Ultraviolet Observations of the Cataclysmic Variable UU Aqr

Dr. Ronald H. Kaitchuck Ball State University  
ALPRK  
Mapping the Accretion Flow in Algol-Type Binaries

Dr. Scott J. Kenyon Harvard CFA - SAO  
SSPSK  
Ultraviolet Observations of Accretion in Two Symbiotic Stars

Dr. Anne L. Kinney ST Sci  
SGPAK  
Ultraviolet Spectra of Normal Spiral Galaxies

Dr. Robert P. Kirshner Harvard CFA - SAO  
SUPRK  
Supernova Spectroscopy

Dr. Robert H. Koch U Pennsylvania  
BIPRK  
Nodal-Passage Spectra for Binaries

Dr. Detlev Koester Louisiana State University  
ZZPDK  
The ZZ Ceti Instability Strip

Dr. Wayne B. Landsman Hughes - STX  
LAPWL  
Further Studies of Stellar Lyman Alpha Emission

Dr. Wayne B. Landsman Hughes - STX  
OCPWL  
The UV-Bright Stars of Omega Centauri

Dr. Timothy A. Livengood NASA - GSFC  
JUPTL  
Jupiter's UV Aurora: Energy Input to the Polar Stratosphere

Dr. Donald G. Luttermoser Iowa State University  
MIPDL  
Fluorescent Clues to the Atmospheric Shock Structure of Mira Variable  
Stars

Dr. Derck L. Massa Applied Research Corporation  
BSPDM  
Long Term Variability of B Supergiant Winds

- 41 -

Dr. Bruce M. McCollum WCPBM A New WC 11 Star	CSC - IUE Observatory
Dr. Bruce M. McCollum PUPBM The Unique Pulsar/Be Star System SS 2883 at Periastron Encounter	CSC - IUE Observatory
Dr. Melissa A. McGrath URPMM Variability of Uranian Lyman Alpha Emission	ST Sci
Dr. Nancy D. Morrison MOPNM Main-Sequence O Stars in NGC 6231: Enhanced Winds	U Toledo
Dr. Jayant N. Murthy SBPJM Emission Lines from the Eridanus Superbubble	Johns Hopkins University
Dr. Richard F. Mushotzky AGPRM The Origin of the UV Radiation in Active Galaxies: Tests of the Reprocessing Models	NASA - GSFC
Dr. Joy Nichols-Bohlin BEPJN Discrete Absorption Components and the Be Star Phenomenon	CSC - Astronomy Programs
Dr. Sidney B. Parsons HCPSP Affirmative Data for Cool + Hot Binary Systems	CSC - ST Sci
Dr. Miriam Pena PNPMP LMC Planetary Nebulae with Wolf Rayet Features	UNAM
Dr. Mario R. Perez PMPMP The Blueing Effect in Massive Young Stars	CSC - IUE Observatory
Dr. Geraldine J. Peters BEPGP Long-Term Wind Variability and Photospheric Activity in Nearby Be Stars	USC
Dr. Ronald S. Polidan ALPRP A Quantitative Study of S Cancri: An Algol Binary at the Terminal State of Mass Transfer	NASA - GSFC
Dr. Steven H. Saar KDPSS Magnetic Doppler Imaging and UV Emission of an Active K Dwarf	Harvard CFA - SAO
Dr. Regina E. Schulte-Ladbeck SSPRS Baselineing the UV Properties of Slash Stars	U Pittsburgh
Dr. Kenneth R. Sembach GHPKS Searching for the Base of the Galactic Halo	MIT
Dr. Harry L. Shipman WDPHS The Highest Quality Ultraviolet Spectrum of 40 Eri B	U Delaware

- Dr. Steven N. Shore  
HWPSS  
Magnetically Controlled Circumstellar Matter Among Helium Weak Stars  
CSC - GHRS
- Dr. Steven N. Shore  
DWPSS  
Monitoring the Most Massive Stars  
CSC - GHRS
- Dr. Javad Siah  
AXPJS  
IUE Observations of an X-ray Anomalous A-Type Giant  
Villanova University
- Dr. Oswald H. W. Siegmund  
SHPOS  
Variability in Gaseous Shells Around A Stars  
UC Berkeley
- Dr. Theodore Simon  
EBPTS  
Timing the Eclipse of HD 185510  
U Hawaii
- Dr. Theodore Simon  
XRPTS  
UV Observations of Young X-Ray Emitting Stars in the IC 2391 Cluster  
U Hawaii
- Dr. Theodore Simon  
ASPTS  
What are the Colors of A Stars?  
U Hawaii
- Dr. Edward M. Sion  
WDPES  
IUE Echelle Studies of Very Hot DA and DB White Dwarfs from  
the Edinburgh-Cape Survey  
Villanova University
- Dr. Myron A. Smith  
AHPMS  
Ultraviolet Variations in Alpha-1 Her and Alpha-1 Sco  
CSC - Astronomy Programs
- Dr. Myron A. Smith  
BEPMS  
Coorelated UV/Optical Line Profile Variations in Mild Be Stars  
CSC - Astronomy Programs
- Dr. Theodore P. Snow  
ISPTS  
The Relationship Between Interstellar Extinction and Depletions  
U Colorado - CASA
- Dr. George Sonneborn  
SMPGS  
An UV Spectrophotometric Census of B Supergiants in the SMC  
NASA - GSFC
- Dr. George Sonneborn  
SNPGS  
Interaction of SN 1987-A with its Circumstellar Environment  
NASA - GSFC
- Dr. Linda S. Sparke  
RGPLS  
Star Formation and Accretion in Polar Ring Galaxies  
U Wisconsin
- Dr. Sumner G. Starrfield  
LNPSS  
UV Observations of Novae During the Late States of Their Outbursts  
Arizona State University
- Dr. Sumner G. Starrfield  
LOPSS  
Multiwavelength Observations of Nova Cygni 1992 and Nova Pup 1991  
during Late Outburst Stage  
Arizona State University



Dr. Sumner G. Starrfield      Arizona State University  
 NOPSS  
 Coordinated Multiwavelength Observations of Classical and Recurrent  
 Novae in Outburst

Dr. Robert E. Stencel      U Denver  
 LPPRS  
 Fifteenth Episode Monitoring of Long Period Eclipsing Systems

Dr. Robert E. Stencel      U Denver  
 SCPRS  
 Intersystem C II Lines as Shock Diagnostics in Stellar Chromospheres

Dr. S. Alan Stern      Southwest Research Institute  
 IOPSS  
 IUE Studies: A Galileo-Precursor Search for New Species in IO's  
 Atmosphere

Dr. S. Alan Stern      Southwest Research Institute  
 ASPSS  
 New IUE Observations of Unique Asteroids & Asteroid Surface Calibration  
 Targets

Dr. Paula Szkody      U Washington  
 DNPPS  
 Target of Opportunity: Humps in V503 Cyg

Dr. Paula Szkody      U Washington  
 CVPPS  
 Cooling Timescales and Accretional Heating of White Dwarfs in WZ Sge  
 Type CVs

Dr. Silvia Torres-Peimbert      UNAM  
 PNPST  
 Spatially Resolved IUE Spectrophotometry of the Planetary Nebula NGC 40

Dr. David A. Turnshek      U Pittsburgh  
 GAPDT  
 Damped Lyman-alpha Absorption from Galaxies with Redshift  $< 1.6$

Dr. Richard W. Tweedy      U Arizona  
 PCPRT  
 IUE Spectra of Two New Pre-Cataclysmic Binary Systems

Dr. C. Megan Urry      ST ScI  
 IMPCU  
 Intensive Multiwavelength Monitoring of PKS 2155-304

Dr. Saeqa Dil Vrtilek      Harvard CFA - SAO  
 HXPSV  
 Multiwavelength Observations of Her X-1

Dr. Frederick M. Walter      SUNY - Stony Brook  
 BXPFW  
 Late B Star X-Ray Sources

Dr. Frederick M. Walter      SUNY - Stony Brook  
 TTPFW  
 Atmospheric Structures in Naked T Tauri Stars

Dr. Daniel E. Welty      U Chicago  
 ICPDW  
 UV Studies of Translucent Interstellar Clouds

Dr. Belinda J. Wilkes      Harvard CFA - SAO  
 QSPBW  
 The Ultra-Violet and Soft X-ray Properties of the PG Quasars

Dr. Lee Anne Willson  
DNPLW

Iowa State University

Dust Nucleation and Mass Loss in Miras - L2 Puppis and V CVn

Dr. Chi-Chao Wu  
SAPCW

CSC - ST Sci

Augmentation of the IUE Ultraviolet Spectral Atlas

MERGED LOG OF IUE OBSERVATIONS

1 JANUARY 1993 - 30 JUNE 1993

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

## EXPOSURE CLASSIFICATION CODES

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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

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- 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).

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, S 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, S 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

RO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmssstt	RC	Comment
HICAL NULL		99	99.99	0000000	+000000	L 2	18688	00000		93011505	000000	000000	000 V	FESBCK:213,FO;
HICAL NULL		00	99.99	0000000	+000000	L 2	18689	00000		93011506	000000	000000	009 V	
HICAL NULL		00	99.99	0000000	+000000	L 2	18690	00000		93011507	000000	000000	004 V	
HICAL CALLV 20%		00	99.99	0000000	+000000	L 2	18691	00000		93011500	000000	073636	003 V	
HICAL CALLV 120%		00	99.99	0000000	+000000	L 2	18692	00000		93011508	000000	000000	007 V	
HICAL CALLV 60%		00	99.99	0000000	+000000	L 2	18693	00000		93011508	000000	000000	004 V	
HICAL TFLOOD 100		00	99.99	0000000	+000000	L 2	18694	00000		93011509	000000	000000	009 V	
HICAL CALLV 160%		99	99.99	0000000	+000000	L 2	18695	00000		93011509	000000	000000	009 V	
HICAL NULL		99	99.99	0000000	+000000	L 2	18696	00000		93011510	000000	000000	000 V	SECOND READ OF IWR 1
HICAL NULL		99	99.99	0000000	+000000	L 2	18697	00000		93011510	000000	000000	009 V	
HICAL NULL		99	99.99	0000000	+000000	L 1	24733	00000		93011511	000000	000000	000 V	
HICAL NULL		99	99.99	0000000	+000000	L 2	18698	00000		93011511	000000	000000	002 V	
HICAL NULL		99	99.99	0000000	+000000	L 1	24728	00000		93011307	000000	000000	001 V	
BE115 NULL		99	99.99	0000000	+000000	L 3	46829	00000		93012700	000000	000000		V SAFELY READ
RC005 NULL		99	99.99	0000000	-000000	L 3	46965	00000		93021605	000000	000000		V
RM121 NULL		99	07.83	0000000	-000000	L 1	24941	02749	FO	93021700	000000	000000		V FESBCK:10585,FO;
NC184 NULL		99	99.99	0000000	+000000	L 1	25009	L 00000		93022612	120500	000000	000 V	
NC184 NULL		99	99.99	0000000	+000000	L 1	25010	L 00000		93022612	122800	000000	000 V	
HICAL 20%CALLV		99	99.99	0000000	+000000	L 1	25651	00000		93060123	233226	000041	003 V	FESBCK:321,FO;
HICAL 120%CALLV		99	99.99	0000000	+000000	L 1	25652	00000		93060200	000802	000408	007 V	FESBCK:321,FO;
HICAL 100%IFLOOD		99	99.99	0000000	+000000	L 1	25654	00000		93060201	012329	000140	009 V	FESBCK:321,FO;
HICAL NULL		99	99.99	0000000	+000000	L 1	25655	00000		93060202	020800	000000	002 V	FESBCK:321,FO;
HICAL NULL		99	99.99	0000000	+000000	L 1	25656	00000		93060203	030228	000000	009 V	FESBCK:321,FO;
HICAL NULL		99	99.99	0000000	+000000	L 1	25657	00000		93060203	032931	000000	003 V	FESBCK:321,FO;
HICAL 60%CALLV		99	99.99	0000000	+000000	H 1	25653	00000		93060200	004551	000204	005 V	FESBCK:321,FO;
HICAL NULL		99	99.99	0000000	+000000	L 3	47790	00000		93060120	205932	000000	000 V	
HICAL CALLV 60%		99	99.99	0000000	+000000	L 1	25650	00000		93060122	224339	000204	005 V	FESBCK:321,FO;
HICAL NULL		99	99.99	0000000	+000000	L 1	25649	00000		93060122	220500	000000	009 V	FESBCK:321,FO;
USSBS HD	1280	30	4.600	0014283	+382415	H 1	25817	L 25363	FO	93062720	203600	000615	503 G	C=224,B=42
NIL36 R#00019.8+		59	12.00	0017139	+214013	L 1	24706	L 00000	BO	93011112	120653	002000	500 V	FESBCK:164,FO;
NIL36 R#00019.8+		59	12.00	0017139	+214013	L 3	46706	L 00000	BO	93011112	123729	004000	550 V	FESBCK:164,FO;
NIL36 R#00019.8+		59	13.01	0017139	+214013	L 1	24707	L 00027	FO	93011113	132617	002000	500 V	FESBCK:169,FO;
NIL36 R#00019.8+		59	12.97	0017139	+214013	L 3	46707	L 00028	FO	93011113	135833	004500	500 V	FESBCK:166,FO;
NIL36 R#00019.8+		59	12.93	0017140	+214014	L 3	46703	L 00029	FO	93011108	083341	004000	550 V	FESBCK:165,FO;
NIL36 R#00019.8+		59	12.72	0017140	+214014	L 3	46704	L 00035	FO	93011109	095707	004000	550 V	FESBCK:164,FO;
NIL36 R#00019.8+		59	12.75	0017140	+214014	L 1	24705	L 00034	FO	93011110	105116	002000	550 V	FESBCK:164,FO;
NIL36 R#00019.8+		59	12.00	0017140	+214014	L 3	46705	L 00000	BO	93011111	112031	004000	550 V	FESBCK:164,FO;
HICAL HD	1999	25	7.800	0021350	-374116	L 1	25807	L 1902	FO	93062613	133400	000045	502 G	C=201,B=35
HICAL HD	1999	25	7.800	0021350	-374116	L 3	47965	L 1911	FO	93062613	134000	000105	400 G	C=145,B=14
USSBS HD	2151	49	2.800	0023094	-773208	H 1	25690	L 1366	FU	93060619	192900	000230	502 G	C=220,B=33
SUEG HD	2151	44	2.800	0023391	-773154	H 1	25006	L 1628	FU	93022521	215900	001500	X46 G	F=189,C=2X,B=79
SUEG HD	2151	44	2.800	0023391	-773154	L 3	47048	L 1625	FU	93022521	212700	002000	X01 G	C=1.5X,B=23
USSBS HD	2261	49	2.400	0023490	-423438	H 1	25689	L 2445	FU	93060618	182400	001220	X43 G	F=192,C=1.5X,B=44
USSBS HD	2626	25	5.900	0027316	+594205	H 1	24860	L 11524	FO	93020700	005400	001000	505 G	C=230,B=61
USSBS HD	2626	25	5.900	0027316	+594205	H 3	46894	L 11381	FO	93020701	012600	001800	403 G	C=200,B=50
HICAL HD	3175	24	9.500	0032077	-632014	L 1	25808	L 950	FO	93062615	152200	000125	502 G	C=248,B=38
HICAL HD	3175	24	9.500	0032077	-632014	L 3	47966	L 941	FO	93062615	151500	000140	500 G	C=208,B=16
HICAL HD	00003360	20	3.680	0034103	+533719	H 1	24664	L 1399	FU	93010504	045000	000021	503 G	C=237,B=41
HICAL HD	00003360	20	3.680	0034103	+533719	H 1	24831	L 1166	FU	93020123	230600	000021	502 G	C=210,B=40
HICAL HD	00003360	20	3.680	0034103	+533719	H 3	46660	L 1423	FU	93010504	044600	000024	502 G	C=194,B=32

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	EOC	Comment
HICAL HD	00003360	20	3.680	00341.03	+533719	H 3	46868 L	1132	FU	93020123	231300	000024	502	G C-189, B-33
FE103 NGC 185		81	09.00	00361.20	+480350	L 3	46819 L	00000	EO	93012407	070720	028000	202	V FESECK:6511, FO
FE103 NGC 185		81	09.00	00361.20	+480350	L 3	46822 L	00000	EO	93012506	062214	032500	202	V FESECK:600, FO;
Q1184 SMC 2		57	16.00	00405.93	-745826	L 3	47683 L	00000	EO	93051700	002908	029500	111	V FESECK:19144, F/O;
HICAL SKY		07	99.99	00405.93	-745846	H 1	25546 L	00000		93051700	005330	032000	009	V FESECK:19144, F/O;
CD33Z EG AND		57	7.500	00415.27	+402422	L 1	24836 L	3750	FO	93020221	211800	002000	5X2	G E-3X, C-238, B-38
CD33Z EG AND		57	7.500	00415.27	+402422	L 3	46877 L	3804	FO	93020220	204900	002000	3X0	G E-5X, C-111, B-15
CD33Z EG AND		57	7.500	00415.27	+402422	L 3	46878 L	3808	FO	93020221	215100	001000	3X0	G E-2.5X, C-65, B-15
CD33Z EG AND		57	7.500	00415.27	+402422	H 3	46879 L	3949	FO	93020222	223600	008000	2X9	G E-2X, C-149, B-129
LFORS HD	4174	57	7.100	00415.30	+402423	L 1	24648 L	4065	FO	93010202	021300	001500	4X2	G E-2X, C-170, B-32
LFORS HD	4174	57	7.100	00415.30	+402423	H 1	24737 L	3950	FO	93011519	190700	004500	3X2	G E-2X, C-78, B-36
LFORS HD	4174	57	7.100	00415.30	+402423	L 1	24863 L	3870	FO	93020723	230900	001500	4X2	G E-2X, C-160, B-33
LFORS HD	4174	57	7.100	00415.30	+402423	L 3	46644 L	3992	FO	93010201	015500	001000	3X0	G E-2X, C-50, B-19
LFORS HD	4174	57	7.100	00415.30	+402423	H 3	46645 L	4332	FO	93010202	025400	006000	3X2	G E-2X, C-60, B-32
LFORS HD	4174	57	7.100	00415.30	+402423	L 3	46898 L	3950	FO	93020722	220900	001000	3X0	G E-2X, C-50, B-17
HICAL SKY		07	99.99	00433.81	-735837	L 1	25636 L	00000	EO	93053101	011245	007000	301	V FESECK:16663, FO; SERE
EM105 SMC J4		70	15.00	00433.81	-735837	L 3	47774 L	00000	EO	93053023	235057	018000	300	V FESECK:16663, FO;
ENFB NGC 246		70	12.00	00443.25	-120841	H 3	47843 L	609	FO	93061005	055300	016500		G
ENFB NGC 246		70	12.00	00443.25	-120841	H 3	47844 L	578	FO	93061009	095300	015500	505	G C-217, B-62
LAFWL HD	4502	47	4.060	00444.07	+235940	L 3	47987 L	1216	FU	93062814	144000	000500	30	G E-113, B-19
EM105 SMC N18		70	15.00	00450.94	-730558	L 3	47775 L	00000	EO	93053103	034740	015000	140	V FESECK:17152, FO; SIX
HICAL SKY		07	99.99	00463.40	-734814	H 1	25445 L	00000		93043003	032758	015000	101	V FESECK:24740, F/O;
PI052 SMC-3		57	15.50	00463.40	-734814	L 3	47572 L	00000	EO	93043001	015714	029000	331	V FESECK:24740, FO;
EQ099 RKT 0057-2		85	13.50	00545.30	-223909	L 3	46698 L	00000	EO	93011012	121325	015400	461	V FESECK:181, FO;
QQ027 RKT 0054-2		84	13.70	00545.30	-223909	L 3	47952 L	00000	EO	93062502	020621	013500	350	V FESECK:22663, FO; SIX
EM014 SMC SMP 23		70	15.00	00570.35	-731310	L 3	47486 L	00000	EO	93041502	020812	018000	230	V FESECK:15428, FO;
SMOCS SK 90		23	12.80	00590.05	-714722	L 3	47948 L	0	EO	93062420	200900	002000	500	G C-249, B-15
SMOCS SK 98		25	11.40	00593.83	-723338	L 1	25792 L	562	FO	93062416	165500	003300	X03	G C-2X, B-44
SMOCS SK 98		25	11.40	00593.83	-723338	L 1	25793 L	0		93062419	192100	002000	502	G C-245, B-35
SMOCS SK 98		25	11.40	00593.83	-723338	L 3	47947 L	511	FO	93062417	173300	009000	502	G C-242, B-32
HICAL WAVCAL		98		0100000	+010000	L 1	24642 S	0		93010100	004600	000001	?1	G E-10X, B-30
HICAL WAVCAL		98		0100000	+010000	H 1	24644 S	0		93010101	014500	000016	32	G E-60X, B-38
HICAL WAVCAL		98		0100000	+010000	L 3	46635 S	0		93010101	015800	000002	?0	G E-10X, B-11
HICAL WAVCAL		98		0100000	+010000	H 3	46637 S	0		93010102	025800	000200	31	G E-60X, B-26
SMOCS AV 297		32	12.20	01003.09	-721630	L 1	25791 L	0	EO	93062413	135700	004100	X04	G C-2.0X, B-58
SMOCS AV 297		32	12.20	01003.09	-721630	L 3	47946 L	0	EO	93062414	145700	009000	500	G C-249, B-15
Q1184 N 73		57	15.50	01031.89	-760428	L 3	47678 L	00000	EO	93051600	002811	027500	050	V FESECK:20118, FO;
SMOCS SK 158		23	12.30	01143.22	-733457	L 1	25789 L	0	EO	93062318	181500	001300	502	G C-197, B-31
SMOCS SK 158		23	12.30	01143.22	-733457	L 3	47941 L	0	EO	93062318	184800	002000	400	G C-162, B-17
SMOCS SK 160		23	13.20	01154.57	-734223	L 1	25790 L	0	EO	93062319	193900	002100	502	G C-199, B-34
SMOCS SK 160		23	13.20	01154.57	-734223	L 3	47942 L	0	EO	93062320	201000	003300	400	G C-159, B-17
SMOCS SK 168		25	11.90	01202.94	-730139	L 1	25788 L	0	EO	93062315	155100	005000	X03	G C-2X, B-46
SMOCS SK 168		25	11.70	01202.94	-730139	L 3	47940 L	0	EO	93062313	135400	015000	X02	G C-1.5X, B-37
AGNC FAIRALL9		84	14.00	01215.11	-590359	L 3	46709 L	0	EO	93011119	195600	004500	350	G E-193, C-53, B-18
AGNC FAIRALL9		84	14.00	01215.12	-590359	L 1	24709 L	0	EO	93011120	204600	005500	342	G E-165, C-122, B-40
AGNC FAIRALL9		84	14.00	01215.12	-590359	L 3	46710 L	0	EO	93011121	214800	004500	331	G E-93, C-50, B-23
USBS HD	8538	33	2.700	01223.14	+595833	H 3	46661 L	7972	FU	93010505	055600	000300	502	G C-183, B-32
LAFWL HD	9053	49	3.410	01261.18	-433434	L 3	47986 L	7393	FU	93062813	133800	000820	30	G E-92, B-15
USBS HD	9270	45	3.620	01284.82	+150519	L 3	46718 L	4202	FU	93011303	033000	001000	201	G C-41, B-21
USBS HD	9270	45	3.620	01284.82	+150519	L 3	46755 L	4255	FU	93011722	220000	001500	300	G C-55, B-20



HO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
LFORS	AX Per	57	9.400	0133060	+540018	L 1	24649 L	808	FO	93010205	050600	000500	02	G B-32
LFORS	AX FER	57	9.400	0133119	+535945	L 1	25024 L	309	FO	93022804	040400	001000	332	G B-131,C-78,B-33
LFORS	AX FER	57	9.400	0133119	+535945	L 3	47071 L	307	FO	93022804	042300	001500	240	G B-149,C-32,B-14
SCOSS HD	10780	46	5.630	0144100	+633614	L 1	24763 L	18603	FO	93012013	130900	002500	342	G B-148,C-120,B-32
SCOSS HD	10780	46	5.630	0144100	+633614	L 1	24764 L	19142	FO	93012014	144300	000230	XX2	G B-1.5X,C-3X,B-33
SCOSS HD	10780	46	5.630	0144100	+633614	L 3	46768 L	18747	FO	93012013	134000	003000	230	G B-70,C-35,B-17
SCOSS HD	10780	46	5.630	0144100	+633614	L 3	46769 L	19216	FO	93012014	145000	030000	344	G B-202,C-149,B-56
SIOFB HD	11636	31	2.640	0151523	+203352	H 1	24750 L	2126	FU	93011816	163800	000110	502	G C-233,B-37
SIOFB HD	11636	31	2.640	0151523	+203352	H 3	46758 L	2207	FU	93011806	064400	049500	349	G B-216,C-170X,B-105
VCEEB	VENUS	03	-4.10	0201012	+094027	H 1	25701 L	0		93060818	183400	000100		G
VCEEB	VENUS	03	-4.10	0201012	+094027	L 1	25702 L	0		93060819	193900	000000	X02	G C-4.0X,B-36
VCEEB	VENUS	03	-4.30	0204459	+095802	H 1	25709 L	0		93060918	182700	000200	?08	G C-12.0X,B-100
VCEEB	VENUS	03	-4.30	0204459	+095802	H 1	25710 S	0		93060919	192000	000300	X02	G C-1.5X,B-36
VCEEB	VENUS	03	-4.30	0204459	+095802	H 1	25711 S	0		93060920	200500	001000	X02	G C-1.5X,B-33
UGES	WK HMT	54	14.00	0208285	-633247	L 3	47918 L	0	BD	93062015	152600	007000	332	G B-90,C-63,B-34
VCEEB	VENUS	03	-4.30	0208327	+101518	H 1	25714 L	0		93061018	183700	000100	X06	G C-3.0X,B-77
VCEEB	VENUS	03	-4.30	0208327	+101518	H 1	25715 S	0		93061019	192300	002000	X09	G C-5.0X,B-135
VCEEB	VENUS	03	-4.30	0212166	+103239	H 1	25720 S	0		93061117	173300	002000	X03	G C-5.0X,B-43
VCEEB	VENUS	03	-4.30	0212166	+103239	H 1	25721 S	0		93061118	183400	000300	X02	G C-5.0X,B-38
VCEEB	VENUS	03	-4.30	0212166	+103239	H 1	25722 S	0		93061119	192300	001000	X03	G C-5.0X,B-41
CCDM HD	14052	23	8.180	0214560	+565842	H 3	46827 L	1850	FO	93012612	124400	030000	?06	G C-1.5X,B-80
CCDM HD	14134	24	6.550	0215330	+565420	H 3	46882 L	16162	FO	93020313	130300	024000	X09	G C-1.5X,B-117
CCDM HD	14143	23	6.660	0215420	+565622	H 3	46846 L	5313	FO	93012912	124700	024000	507	G C-247,B-82
BM015	HD14951	22	05.78	0222080	+102307	H 1	24913 L	15521	FO	93021410	103549	000640	703	V FESECK:200,FO;
BM015	HD14951	22	05.79	0222080	+102307	H 1	24914 L	15426	FO	93021411	111447	000320	503	V FESECK:200,FO;
BM015	HD14951	22	05.75	0222080	+102307	H 3	46938 L	15800	FO	93021410	100350	001140	700	V FESECK:200,FO;
BM015	HD15318	25	04.19	0225298	+081413	H 1	24910 L	00609	FU	93021406	061127	000440	703	V FESECK:200,FO;
BM015	HD15318	25	04.19	0225298	+081413	H 1	24911 L	00609	FU	93021406	065528	000300	603	V FESECK:200,FO;
BM015	HD15318	25	04.19	0225298	+081413	H 3	46937 L	00609	FU	93021406	061926	001100	700	V FESECK:200,FO;
BA163	IKK 1194	20	14.50	0228375	-725820	L 3	47549 L	00000	BO	93042602	022736	013500	400	V FESECK:14688,FO; FTV
FE115	SKY	07	00.00	0234356	+205303	H 1	24793 L	00000	BO	93012606	062957	025000	301	V FESECK:8494,FO;NGC99
FE115	NGC 992	82	13.70	0234356	+205303	L 3	46826 L	00000	BO	93012606	060032	034700	301	V FESECK:8494,FO; FESEB
FC179	GL 105.1	44	06.12	0234539	-344738	H 1	24843 L	11934	FO	93020411	110507	004400	531	V FESECK:200,FO;
USSBS HD	17036	22	5.770	0241473	+150605	H 3	46760 L	15076	FO	93011900	005700	004600	X04	G C-2X,B-51
VCEEB	VENUS	03	-4.30	0244429	-084136	H 1	24727 S	0		93011305	055100	002000	?08	G C-40X,B-100
USSBS HD	17036	22	5.770	0244473	+150604	H 3	46700 L	15655	FO	93011023	231400	002000	502	G C-200,B-37
EHOAL HD	17520	12	8.540	0247220	+601049	H 1	24700 L	0		93011021	212600	006000	403	G C-180,B-42
EHOAL HD	17520	12	8.540	0247220	+601049	H 3	46699 L	1251	FO	93011020	200300	008000	302	G C-123,B-37
BM015	HD17907	22	07.45	0250006	+061615	H 1	24915 L	03852	FO	93021412	121224	003500	503	V FESECK:201,FO;
CB7Z HD	17878	39	3.950	0250418	+523333	L 1	25062 L	673	FU	93031112	120200	000017	402	G C-160,B-32
CB7Z HD	17878	39	3.950	0250418	+523333	L 1	25063 L	689	FU	93031118	182100	000022	502	G C-235,B-32
CB7Z HD	17878	39	3.950	0250418	+523333	H 3	47262 L	674	FU	93031112	121400	036000	X08	G C-1.5X,B-91
BM015	HD18910	30	07.73	0300019	+045933	H 1	24912 L	03010	FO	93021408	080745	008000	704	V FESECK:199,FO;
OFOIM HD	20863	22	7.100	0320153	+482539	L 3	46766 L	9567	FO	93012002	025100	000100	500	G C-217,B-14
OFOIM HD	21279	22	8.100	0324247	+473346	L 1	24762 L	8655	FO	93012001	015700	000030	501	G C-209,B-30
OFOIM HD	21279	22	8.100	0324247	+473346	L 3	46765 L	8518	FO	93012002	020500	000130	500	G C-212,B-14
OFOIM HD	21375	30	8.300	0325196	+485353	L 1	24760 L	7952	FO	93011923	231000	000130	X01	G C-1.5X,B-30
OFOIM HD	21375	30	8.300	0325196	+485353	L 1	24761 L	7976	FO	93012000	000000	000100	501	G C-206,B-30
OFOIM HD	21375	30	8.300	0325196	+485353	L 3	46763 L	7991	FO	93011923	232100	000700	X00	G C-2X,B-16
OFOIM HD	21375	30	8.300	0325196	+485353	L 3	46764 L	8106	FO	93012001	010900	000300	500	G C-174,B-13



PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	EQ	Comment
CFOIM HD	21398	22	7.600	0325352	+480751	L 1	24759 L	8203	FO	93011922	221600	000040	X02	G C-1.5X,B-32
USBS HD	21447	35	5.090	0326105	+551651	H 1	24757 L	22070	FO	93011902	024300	000840	503	G C-220,B-41
USBS HD	21447	30	5.100	0326105	+551651	H 3	46738 L	22343	FO	93011602	025800	001551	403	G C-191,B-41
BWOSC ED	+30 0549	22	10.50	0326183	+311545	L 1	24812 L	0	ED	93013000	002700	002440	04	G B-58
IFOIA HR	1105	66	5.100	0337477	+630325	L 1	24916 L	24374	FO	93021421	212400	000800	352	G E-238,C-96,B-37
IFOIA HR	1105	66	5.100	0337477	+630325	H 1	24917 L	25247	FO	93021423	230700	005500	X9	G E-1.5X,B-188
IFOIA HR	1105	66	5.100	0337477	+630325	L 1	25166 L	24788	FO	93032119	194700	000800	352	G E-209,C-93,B-34
IFOIA HR	1105	66	5.100	0337477	+630325	H 1	25167 L	25048	FO	93032121	213400	007500	37	G E-184,B-85
IFOIA HR	1105	66	5.100	0337477	+630325	L 3	46940 L	24723	FO	93021421	213900	007000	335	G E-88,C-91,B-65
IFOIA HR	1105	66	5.100	0337477	+630325	L 3	47331 L	24673	FO	93032118	180300	019000	335	G E-115,C-85,B-62
FA148 HD	22928	21	3.000	0339213	+473746	H 1	24991 L	1551	FU	93022322	225000	000025	503	G C-208,B-45
FA148 HD	22928	21	3.000	0339213	+473746	H 1	24992 L	1587	FU	93022400	005700	000025	503	G C-218,B-41
FA148 HD	22928	21	3.000	0339213	+473746	H 1	24993 L	1618	FU	93022402	025800	000025	502	G C-220,B-40
FA148 HD	22928	21	3.000	0339213	+473746	H 1	24994 L	1588	FU	93022405	050400	000025	502	G C-210,B-40
FA148 HD	22928	21	3.000	0339213	+473746	H 1	24995 L	1802	FU	93022407	070400	000025	503	G C-210,B-45
FA148 HD	22928	21	3.000	0339213	+473746	H 1	24996 L	1792	FU	93022409	090300	000025	503	G C-220,B-43
FA148 HD	22928	21	3.000	0339213	+473746	H 1	24997 L	1780	FU	93022411	112000	000025	503	G C-227,B-42
FA148 HD	22928	21	3.000	0339213	+473746	H 3	47029 L	1560	FU	93022322	224300	000040	502	G C-200,B-37
FA148 HD	22928	21	3.000	0339213	+473746	H 3	47031 L	1587	FU	93022401	010400	000040	502	G C-201,B-35
FA148 HD	22928	21	3.000	0339213	+473746	H 3	47033 L	1625	FU	93022402	025200	000040	502	G C-209,B-35
FA148 HD	22928	21	3.000	0339213	+473746	H 3	47035 L	1589	FU	93022404	045700	000040	502	G C-200,B-33
FA148 HD	22928	21	3.000	0339213	+473746	H 3	47037 L	1822	FU	93022406	065700	000040	502	G C-206,B-36
FA148 HD	22928	21	3.000	0339213	+473746	H 3	47039 L	1794	FU	93022408	085800	000040	502	G C-200,B-34
FA148 HD	22928	21	3.000	0339213	+473746	H 3	47041 L	1774	FU	93022411	111400	000040	502	G C-210,B-35
CFOIM HD	23387	36	7.300	0342389	+241050	L 1	24905 L	4777	FO	93021400	000000	000040	502	G C-203,B-35
CFOIM HD	23387	36	7.300	0342389	+241050	L 3	46935 L	4800	FO	93021323	232000	000220	500	G C-201,B-19
CFOIM HD	23568	22	6.800	0344002	+242200	L 1	24904 L	6370	FO	93021321	215700	000020	502	G C-206,B-33
CFOIM HD	23568	22	6.800	0344002	+242200	L 3	46934 L	6340	FO	93021322	223100	000100	500	G C-208,B-17
USBS HD	23686	41	8.500	0344046	-243246	L 1	24984 L	1144	FO	93022204	044600	001000	X02	G C-1.5X,B-34
CFOIM HD	23629	30	6.300	0344223	+235746	L 1	24961 L	13058	FO	93021900	004300	000012	501	G C-192,B-29
CFOIM HD	23629	30	6.300	0344223	+235747	L 3	46989 L	13163	FO	93021900	001200	000035	500	G C-176,B-14
CFOIM HD	23632	30	7.000	0344227	+233901	L 1	24962 L	6032	FO	93021902	021400	000024	501	G C-188,B-30
CFOIM HD	23632	30	7.000	0344227	+233901	L 3	46990 L	6007	FO	93021901	013600	000110	400	G C-164,B-17
CFOIM HD	23642	36	6.800	0344305	+240807	L 1	24959 L	6691	FO	93021821	214800	000025	501	G C-206,B-30
CFOIM HD	23642	36	6.870	0344305	+240807	L 3	46936 L	6189	FO	93021400	004500	000120	500	G C-194,B-15
CFOIM HD	23964	36	6.800	0346596	+234153	L 1	24960 L	7264	FO	93021823	231700	000020	501	G C-204,B-30
CFOIM HD	23964	36	6.800	0346596	+234153	L 3	46988 L	7251	FO	93021822	224600	000100	500	G C-193,B-13
CFOIM HD	24076	30	7.000	0347537	+234843	L 1	24963 L	6229	FO	93021903	033500	000030	501	G C-210,B-30
CFOIM HD	24076	30	7.000	0347537	+234843	L 3	46991 L	6255	FO	93021903	030400	000140	500	G C-200,B-14
FO05 HD26322		40	05.54	0407468	+262107	L 3	46943 L	18388	FO	93021506	062609	000217	400	V FESBCK:11728,FO;CFRS
FO05 HD26322		40	05.53	0407468	+262107	L 1	24921 L	18502	FO	93021506	063415	000013	500	V FESBCK:11728,FO;CFRS
FO05 HD26322		40	05.55	0407468	+262107	L 3	46944 L	18199	FO	93021507	073616	000410	500	V FESBCK:11728,FO;
FO05 HD26322		40	05.55	0407468	+262107	L 1	24922 L	18199	FO	93021507	074248	000015	500	V FESBCK:11728,FO;
FO05 HD26322		40	05.45	0407468	+262107	L 3	46945 L	19397	FO	93021508	084725	000435	600	V
FO05		40	05.45	0407468	+262107	L 1	24923	19397	FO	93021500	000000	000000	500	V FESBCK:11728,FO;CFRS
FO05 HD26322		40	05.53	0407468	+262107	L 3	46946 L	18452	FO	93021510	103027	000410	500	V FESBCK:11728,FO;CFRS
FO05 HD26322		40	05.53	0407468	+262107	L 1	24924 L	18452	FO	93021510	103648	000015	500	V FESBCK:11728,FO;CFRS
FO05 HD26322		40	05.51	0407468	+262107	L 1	24925 L	18732	FO	93021511	114540	000015	500	V FESBCK:11728,FO;CFRS
FO05 HD26322		40	05.51	0407468	+262107	L 3	46947 L	18732	FO	93021511	113909	000410	500	V FESBCK:11728,FO;CFRS
FO05 HD26322		40	05.44	0407468	+262107	H 1	24926 L	19527	FO	93021512	122143	001800	500	V FESBCK:11728,FO;CFRS

PRO	Object	CL	MAG	R.A.	DEC	D	C	Image	A	FES	MD	Obs.date	Exptim	mmmsstt	EOC	Comment
HCAL SKY		07	99.99	0407468	+262108	L	1	25061	L	00000		93031106	064931	023500	302	V FESBCK:241,FO;
FCICD 44 TRU		40	05.40	0407468	+262108	E	9	02700	2	00000	EO	93031110	104700	016000		V FESBCK:241,FO;
FCICD 44 TRU		40	05.40	0407468	+262108	E	9	02702	2	00000	EO	93031322	223000	016000		V FESBCK:206 FO;
HCAL SKY		07	99.99	0407468	+262108	L	1	25086	L	00000		93031323	231632	008000	203	V FESBCK:206;FO
FC005 HD26322		40	05.52	0407469	+262107	L	3	46969	L	18555	FO	93021610	102823	000410	500	V FESBCK:12601,FO;OFFS
FC005 HD26322		40	05.52	0407469	+262107	L	1	24930	L	18555	FO	93021610	103436	000015	500	V FESBCK:12601,FO;OFFS
FC005 HD26322		40	05.52	0407469	+262107	L	3	46970	L	18549	FO	93021611	114401	000410	500	V FESBCK:12601,FO;
FC005 HD26322		40	05.52	0407469	+262107	L	1	24931	L	18549	FO	93021611	115112	000015	500	V FESBCK:12601,FO;
FC005 HD26322		40	05.54	0407469	+262107	L	3	46971	L	18290	FO	93011612	122855	001800	600	V FESBCK:12601,FO;RP:6
CD80Z VW HYI		54	14.00	0409330	-712527	L	3	46719	L	0	EO	93011304	044100	001500	300	G C-49,B-15
UGCES VW HYI		54	14.00	0409330	-712527	L	3	47917	L	1737	FO	93062014	141000	000130	400	G C-137,B-14
FE117 NGC 1549		81	10.70	0414391	-554254	E	9	02699	2	00000	EO	93022506	063000	016000		V FESBCK:207,FO; FES F
FE117 NGC 1549		81	10.70	0414391	-554254	L	1	25005	L	0	EO	93022515	152300	025500	309	G C-169,B-111
FE117 NGC 1549		81	10.70	0414391	-554254	L	3	47047	L	0	EO	93022506	063600	037500	309	G C-147,B-112
EM121 HD27311		30	07.90	0416346	+194941	L	1	24937	L	02579	FO	93021705	055521	000150	701	V FESBCK:10585,FO;
USBS HD 27383		41	6.880	0417030	+162414	H	1	24748	L	4649	FO	93011722	224800	008000	404	G C-190,B-53
EM121 HD27405		22	07.76	0417274	+254232	L	1	24938	L	02930	FO	93021707	071244	000130	701	V FESBCK:10585,FO;
EM121 HD27405		22	07.76	0417274	+254232	L	3	46977	L	02930	FO	93021707	071626	000500	500	V FESBCK:10585,FO;
EM121 HD27405		22	07.79	0417274	+254232	L	1	24939	L	02840	FO	93021708	081251	000500	800	V FESBCK:10585,FO;
EM121 HD28225		30	07.83	0417274	+254232	L	1	24940	L	02749	FO	93021709	094716	000800	600	V FESBCK:10585,FO;
CD85Z HD 283572		44	9.000	0418525	+281107	L	3	46987	L	1259	FO	93021813	131900	038500	331	G E-117,C-119,B-23
USBS HD 27742		22	6.000	0420353	+205202	H	3	46672	L	10763	FO	93010706	062200	002400	502	G C-218,B-38
TBOIS HD 27819		31	4.800	0421126	+171947	L	3	46682	L	25396	FO	93010804	042800	000140	501	G C-212,B-23
USBS HD 27808		41	7.100	0421160	+213700	L	1	24747	L	3879	FO	93011719	192600	010000		G
FC005 HD28052		40	03.51	0423296	+153023	L	3	46966	L	01118	FU	93021606	062700	000110	500	V FESBCK:12148,FO;RP-6
FC005 HD28052		40	03.51	0423296	+153023	L	1	24927	L	01118	FU	93021606	063050	000007	500	V FESBCK:12148,FO;RP-6
FC005 HD28052		40	03.47	0423296	+153023	L	3	46967	L	01157	FU	93021607	074716	000110	500	V FESBCK:12148,FO
FC005 HD28052		40	03.47	0423296	+153023	L	1	24928	L	01157	FU	93021607	075030	000007	500	V FESBCK:12148,FO
FC005 HD28052		40	03.51	0423296	+153023	L	3	46968	L	01114	FU	93021608	085743	000110	500	V FESBCK:12148,FO;RP-6
FC005 HD28052		40	03.51	0423296	+153023	L	1	24929	L	01114	FU	93021609	090114	000007	500	V FESBCK:12148,FO;RP-6
USBS HD 28149		22	5.500	0424178	+225307	H	3	46756	L	15898	FO	93011800	002700	001200	X04	G C-2X,B-52
EM121 HD28225		30	07.81	0425119	+274014	L	3	46978	L	02790	FO	93021710	100045	000900	300	V FESBCK:10585,FO;
EM121 HD28225		30	07.81	0425119	+274014	L	1	24942	L	02790	FO	93021711	110126	000500	500	V FESBCK:10585,FO;
GHOJD 22182037		16	14.10	0427110	-290919	L	1	25071	L	0	EO	93031212	123300	005500	X03	G C-2X,B-46
GHOJD 22182037		16	14.10	0427110	-290919	L	3	47267	L	0	EO	93031213	133300	003000	500	G C-235,B-15
GHOJD 22182037		16	14.10	0427113	-290919	L	1	25072	L	0	EO	93031214	141200	001500	402	G C-150,B-34
EM121 HD28621		30	07.53	0428360	+224421	L	1	24957	L	03592	FO	93021811	110937	000130	500	V FESBCK:7485,FO;OFFRP
EM121 HD28621		30	07.53	0428360	+224421	L	3	46986	L	03592	FO	93021811	111340	000415	400	V FESBCK:7485,FO;OFFRP
EM121 HD28621		30	07.53	0428360	+224421	L	1	24958	L	03573	FO	93021812	122648	000600	700	V FESBCK:7485,FO;OFFRP
TBOIS HD 28910		31	4.650	0431004	+144427	L	3	46681	L	357	FU	93010803	032400	000200	502	G C-190,B-32
EM121 HD29259		22	08.42	0434351	+301829	L	1	24943	L	01625	FO	93021712	122301	000220	500	V FESBCK:10585,FO;
EM121 HD29259		22	08.42	0434351	+301829	L	3	46979	L	01625	FO	93021712	122739	000500	400	V FESBCK:10585,FO;
NC184 SPO 249072		31	06.96	0438336	-622832	L	2	18711	L	05353	FO	93022612	110436	000200	600	V FESBCK:191,FO;
XRCBW FKS 0439-433		85	16.40	0439415	-431909	L	3	47471	L	0	EO	93041210	103300	031000	04	G B-55
XRCBW SKY BACK		07		0439455	-431820	L	1	25330	L	0		93041211	115400	004000	302	G C-97,B-34
HCAL SPO 233638		44	5.300	0441291	-503426	D	9	02704	2			93032515	152900	002000		G TAKEN DURING FES MAP
NC184 SPO 249083		31	09.07	0441366	-622842	L	2	18712	L	00908	FO	93022612	120227	001200	600	V FESBCK:191,FO;
FE117 NGC 1549		07		0441397	-554149	L	1	25004	L	0	EO	93022506	063800	033500	309	G C-208,B-158
EM121 HDB0122		24	06.49	0442410	+233216	L	1	24953	L	08825	FO	93021806	065453	000010	500	V FESBCK:7485,FO;OFFRP
EM121 HDB0122		24	06.42	0442411	+233216	L	1	24954	L	09355	FO	93021807	074157	000045	800	V FESBCK:7485,FO;OFFRP

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	ExpLim	nummsst	ECC	Comment
EM121	HCB0122	24	06.49	0442411	+233216	L 3	46984 L	08825	FO	93021806	065735	000030	700	V FESECK:7485,FO;
USSES	HD 30652	41	3.190	0447084	+065233	H 3	46701 L	1067	FU	93011100	001600	002500	402	G C-170,B-32
EM121	HCB0675	21	07.54	0447440	+281347	L 1	24955 L	03539	FO	93021808	085813	000100	500	V FESECK:7485,FO;CFRRP
EM121	HCB0675	21	07.56	0447440	+281347	L 1	24956 L	03488	FO	93021809	094113	000600	600	V FESECK:7485,FO;CFRRP
EM121	HCB0675	21	07.54	0447440	+281347	L 3	46985 L	03539	FO	93021809	090203	000400	500	V FESECK:7485,FO;CFRRP
EM047	SL54	57	15.00	0453172	-750826	L 3	47766 L	00000	EO	93052900	000959	033500	362	V FESECK:22602,FO;EXFO
QJ184	S 147	57	15.80	0454375	-710417	L 3	47671 L	00000	EO	93051500	005741	027100	301	V FESECK:24827,FO; EXP
HQAL	SKY	07	99.99	0454375	-710417	H 1	25530 L	00000		93051502	020003	024000	302	V FESECK:24827,FO;SERE
TBOIS	HD 32008	46	5.380	0457284	-102006	L 1	24682 L	15478	FO	93010802	020900	000500	X03	G C-3X,B-43
TBOIS	HD 32008	46	5.380	0457284	-102006	L 3	46678 L	16171	FO	93010723	234700	002000	X00	G C-1.5X,B-14
TBOIS	HD 32008	46	5.380	0457284	-102006	L 3	46680 L	15307	FO	93010802	022400	000900	501	G C-195,B-24
LFORS	HD 31964	66	2.900	0458226	+434505	H 1	24734 L	1339	FU	93011513	131600	002500	X04	G C-3X,B-53
LFORS	HD 31964	66	2.900	0458226	+434504	H 1	24935 L	2711	FU	93021701	011300	002500	X04	G C-4X,B-55
LFORS	HD 31964	66	2.900	0458226	+434505	H 1	24936 L	2617	FU	93021702	022700	000600	502	G C-211,B-36
LFORS	HD 31964	66	2.900	0458226	+434505	H 1	25023 L	1734	FU	93022803	030400	000600	502	G C-210,B-34
LFORS	HD 31964	66	2.900	0458226	+434505	H 1	25095 L	1494	FU	93031515	151200	000500	402	G C-170,B-37
LFORS	HD 31964	66	2.900	0458226	+434505	H 3	46731 L	1394	FU	93011513	134600	009000	505	G C-234,B-65
LFORS	HD 31964	66	2.900	0458226	+434505	L 3	46975 L	2574	FU	93021701	014600	003000	230	G E-75,C-20X,B-16
LFORS	HD 31964	66	2.900	0458226	+434505	H 3	46976 L	2590	FU	93021703	030300	010500	?04	G C-15X,B-54
LFORS	HD 31964	66	2.900	0458226	+434505	H 3	47283 L	1470	FU	93031515	154500	009000	503	G C-230,B-41
BWOEC	SFO 39961	21	9.120	0458452	+441154	L 1	24811 L	600	FO	93012920	204300	001500	502	G C-191,B-35
BWOEC	SFO 39961	21	9.120	0458452	+441154	L 3	46850 L	610	FO	93012921	210400	012000	302	G C-136,B-38
LFORS	HD 32068	66	3.800	0458590	+410030	H 1	24735 L	1088	FU	93011515	152800	000500	442	G E-147,C-147,B-40
LFORS	HD 32068	66	3.800	0458590	+410017	L 1	24862 L	823	FU	93020721	211100	000500	402	G C-160,B-39
LFORS	HD 32068	66	3.800	0458590	+410017	H 1	24934 L	1862	FU	93021700	001100	000500	443	G E-159,C-182,B-45
LFORS	HD 32068	66	3.800	0458590	+410017	H 1	25021 L	1200	FU	93022722	220400	000500	443	G E-166,C-178,B-47
LFORS	HD 32068	66	3.800	0458590	+410017	H 1	25064 L	5389	FU	93031120	202100	001000	552	G E-238,C-238,B-38
LFORS	HD 32068	66	3.800	0458590	+410017	H 1	25094 L	936	FU	93031513	131100	002500	3X2	G E-2X,C-114,B-40
LFORS	HD 32068	66	3.800	0458590	+410017	H 1	25096 L	892	FU	93031517	174000	007000	3X3	G E-8X,C-141,B-46
LFORS	HD 32068	66	3.800	0458590	+410017	H 1	25165 L	1037	FU	93032117	170700	003000	3X2	G E-4X,C-82,B-38
LFORS	HD 32068	66	3.800	0458590	+410030	H 3	46732 L	1213	FU	93011516	160100	001000	402	G C-174,B-32
LFORS	HD 32068	66	3.800	0458590	+410017	H 3	46897 L	821	FU	93020720	205100	001000	402	G C-160,B-33
LFORS	HD 32068	66	3.800	0458590	+410017	H 3	46974 L	162	FU	93021700	002500	001000	402	G C-166,B-38
LFORS	HD 32068	66	3.800	0458590	+410017	H 3	47068 L	1200	FU	93022721	212900	001000	402	G C-183,B-39
LFORS	HD 32068	66	3.800	0458590	+410017	H 3	47263 L	5271	FU	93031119	194200	002000	502	G C-231,B-38
LFORS	HD 32068	66	3.800	0458590	+410017	H 3	47265 L	5201	FU	93031202	021500	003000	X03	G C-2X,B-46
LFORS	HD 32068	66	3.800	0458590	+410017	H 3	47281 L	891	FU	93031512	123200	003000	351	G E-209,C-70,B-23
LFORS	HD 32068	66	3.800	0458590	+410017	H 3	47282 L	922	FU	93031513	134600	006000	2X2	G E-1.5X,C-45,B-32
LFORS	HD 32068	66	3.800	0458590	+410017	H 3	47330 L	1040	FU	93032115	155100	006000	3X1	G E-2X,C-54,B-28
EM014	IMC SMP13	70	15.00	0500284	-703159	L 3	47490 L	00000	EO	93041601	015401	006000	130	V FESECK:16860,FO;
HQAL	191E2B	37	11.80	0501310	+524548	L 1	24739 L	558	SD	93011601	010100	000300	501	G C-206,B-30
HQAL	191E2B	37	11.80	0501310	+524548	L 1	24740 L	544	SD	93011602	020900	000300	502	G C-198,B-33
HQAL	191E2B	37	11.80	0501310	+524548	L 1	24746 L	560	SD	93011702	025000	000300	502	G C-206,B-31
HQAL	G 191E2B	17	11.80	0501310	+524548	H 3	46677 L	164	FO	93010721	211600	009500	402	G C-147,B-33
HQAL	G 191E2B	37	11.80	0501310	+524548	H 3	46693 L	181	FO	93010919	195100	017500	504	G C-227,B-51
HQAL	191E2B	37	11.80	0501310	+524548	L 3	46736 L	548	SD	93011600	005300	000120	500	G C-176,B-14
HQAL	191E2B	37	11.80	0501310	+524548	L 3	46737 L	550	SD	93011602	020100	000120	500	G C-169,B-14
HQAL	191E2B	37	11.80	0501310	+524548	L 3	46744 L	559	SD	93011702	023800	000120	500	G C-179,B-14
PI024	SK-7036	59	13.20	0501387	-703809	L 1	25376 L	00000	EO	93042007	070603	004500	500	V FESECK:16733,FO;
PI024	SK-7036	59	13.20	0501388	-703809	L 3	47511 L	00000	EO	93042008	080450	004000	401	V FESECK:16733,FO



PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs. date	Exptim	nummsst	EOC	Comment
HCAL	SKY	07		0502010	-035720	L 1	24800 L	0	EO	93012719	192100	000204	02	G B-34
PROG	UK CRI	60	12.00	0502010	-035120	L 1	24806 L	0	EO	93012819	192400	003000	552	G E-232, C-233, B-38
CEEG	HV 2274	66	14.20	0502510	-682829	L 1	24900 L	0	EO	93021222	220200	008500	X09	G C-1.5X, B-135
CEEG	HV 2274	66	14.20	0502510	-682829	L 3	46925 L	0	EO	93021301	014500	018000	X02	G C-1.5X, B-40
CEEG	HV 2274	66	14.20	0502511	-682829	L 1	25356 L	0	EO	93041621	215600	005000	403	G C-173, B-42
CEEG	HV 2274	66	14.20	0502511	-682829	L 3	47494 L	0	EO	93041618	181500	009500	X09	G C-1.5X, B-172
SNXC	SK-69257	23	12.30	0504254	-694544	L 3	47828 L	0	EO	93060719	192800	001500	200	G C-36, B-17
HCAL	SKY	07	99.99	0506149	-674922	L 1	25645 L	00000	EO	93060103	033122	012000	401	V FESECK:23795, FO; SERE
EM105	IMC N24	70	15.00	0506149	-674922	L 3	47785 L	00000	EO	93060103	031928	016800	330	V FESECK:23795, FO;
CODEF	P/SCHAUM	06	8.900	0507541	+443728	L 1	25038 L	0	EO	93030212	125900	021000	386	G E-1.5X, C-165, B-77
CODEF	P/SCHAUM	06	8.900	0507541	+443728	L 1	25039 L	0	EO	93030217	171900	007000	333	G E-140, C-75, B-46
EM048	ERU 85	13	11.40	0508537	-684926	H 3	47851 L	00000	EO	93061122	222130	029000	431	V FESECK:19000, FO
SNXC	ERU 85	12	11.40	0508537	-684926	L 1	25694 L	0	EO	93060718	180900	001500	X04	G C-3.0X, B-59
HCAL	SKY	07	99.99	0508537	-684926	H 1	25723 L	00000	EO	93061123	230940	018000	302	V FESECK:19000, FO; SERE
SNXC	ERU 85	12	11.40	0508537	-684926	L 3	47827 L	0	EO	93060717	171100	001500	X06	G C-1.5X, B-73
CB4Z	14 AIR C	37	7.500	0512078	+323743	H 3	47384 L	0	EO	93032912	121200	040000	308	G C-185, B-98
CODEF	P/SCHAUM	06	8.900	0512290	+445519	L 3	47091 L	0	EO	93030313	132000	036000	05	G B-70
CODEF	P/SCHAUM	06	8.900	0512295	+445519	L 1	25047 L	0	EO	93030312	124300	003000	233	G E-86, C-61, B-43
CODEF	P/SCHAUM	06	8.900	0512295	+445519	L 1	25048 L	0	EO	93030320	203100	003000	232	G E-82, C-60, B-40
CODEF	P/SCHAUM	06	8.900	0512295	+445519	L 1	25049 L	0	EO	93030322	220800	003000	334	G E-100, C-85, B-58
CODEF	P/SCHAUM	06	8.900	0512295	+445519	L 1	25050 L	0	EO	93030323	234700	003000	232	G E-79, C-55, B-38
CODEF	P/SCHAUM	06	8.900	0512295	+445519	L 1	25051 L	0	EO	93030401	011000	007500	333	G E-121, C-80, B-46
NOSS	SPO 249225	46	4.800	0513474	-671429	F 9	02681 2			93010715	154200	002000		G
HCAL	HD 00034816	20	4.290	0517162	-131337	H 1	24667 L	552	FU	93010603	034100	000022	503	G C-206, B-44
HCAL	HD 00034816	20	4.290	0517162	-131337	H 1	24832 L	627	FU	93020200	000700	000022	503	G C-203, B-41
HCAL	HD 00034816	33	4.290	0517162	-131337	H 1	25035 L	1395	FU	93030123	231000	000022	502	G C-200, B-39
HCAL	HD 00034816	20	4.290	0517162	-131337	H 3	46664 L	552	FU	93010603	033600	000022	502	G C-192, B-32
HCAL	HD 00034816	20	4.290	0517162	-131337	H 3	46869 L	618	FU	93020200	004000	000022	502	G C-194, B-32
HCAL	HD 00034816	33	4.290	0517162	-131337	H 3	47086 L	1392	FU	93030123	231500	000022	402	G C-170, B-32
CEEG	RW DCR	66	11.00	0518433	-681633	L 1	24901 L	407	FO	93021300	001700	003000	307	G C-135, B-89
CEEG	RW DCR	66	11.00	0518433	-681633	L 1	25357 L	0	EO	93041623	234200	004000	303	G C-85, B-47
PECO	NOVAIMC 92	55	13.00	0519364	-685733	L 3	46648 L	00000	EO	93010213	132240	003500	250	V FESECK:187, FO; NO TRA
PECO	NOVAIMC 92	55	13.00	0519364	-685733	L 1	24651 L	00000	EO	93010214	141240	003000	331	V FESECK:187, FO; NO TRA
NOSS	N IMC 92	55	15.00	0519368	-685731	L 1	24681 L	0	EO	93010717	171800	003500	334	G E-134, C-91, B-58
NOSS	NOVA IMC	55	13.00	0519368	-685731	L 1	24719 L	0	EO	93011216	163300	003500	333	G E-125, C-70, B-43
NOSS	NOVA IMC	55		0519368	-685731	L 1	24801 L	0	EO	93012721	215100	006000	333	G E-141, C-75, B-46
NOSS	N IMC 92	55		0519368	-685731	L 1	24873 L	0	EO	93020913	134800	008000	338	G E-167, C-136, B-91
NOSS	N IMC 92	55		0519368	-685731	L 1	24986 L	0	EO	93022221	215500	009000	09	G B-230
NOSS	N IMC 92	55	15.00	0519368	-685731	L 1	25092 L	0	EO	93031501	011800	008000	33	G E-66, B-45
NOSS	N IMC 92	55	15.00	0519368	-685731	L 3	46675 L	0	EO	93010716	163500	003000	251	G E-181, C-41, B-21
NOSS	NOVA IMC	55	13.00	0519368	-685731	L 3	46713 L	0	EO	93011215	155900	003000	50	G E-176, B-18
NOSS	NOVA IMC	55		0519368	-685731	L 3	46833 L	0	EO	93012721	211000	003500	50	G E-174, B-20
NOSS	NOVA IMC	55		0519368	-685731	L 3	46834 L	0	EO	93012722	225800	003500	51	G E-188, B-22
NOSS	N IMC 92	55		0519368	-685731	L 3	46907 L	0	EO	93020912	125700	004000	351	G E-191, C-50, B-28
NOSS	N IMC 92	55		0519368	-685731	L 3	46908 L	0	EO	93020915	151500	010000	3X2	G E-2X, C-69, B-40
NOSS	N IMC 92	55		0519368	-685731	L 3	47024 L	0	EO	93022223	232800	003500	38	G E-170, B-97
NOSS	N IMC 92	55	15.00	0519368	-685731	L 3	47279 L	0	EO	93031500	004100	003000	30	G E-39, B-15
PECO	NOVA IMC 9	55	14.00	0519369	-685731	L 3	46928 L	00000	EO	93021310	100519	004500	240	V FESECK:3766, FO;
NOSS	N IMC 92	55	15.00	0519369	-685731	L 3	46676 L	0	EO	93010718	180100	008000	352	G E-195, C-60, B-37
PECO	NOVA IMC 9	55	14.00	0519369	-685731	L 1	24903 L	00000	EO	93021311	114617	006000	333	V FESECK:3766, FO;

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmstst	ECC	Comment
IPOIA HD	35155	66	6.770	0519548	-084247	L 1	24919 L	15013	FO	93021502	024600	000600	352	G E-200,C-73,B-34
IPOIA HD	35155	66	6.770	0519548	-084247	H 1	24920 L	15228	FO	93021504	041900	002600	32	G E-81,B-36
IPOIA HD	35155	66	6.770	0519548	-084247	L 1	25163 L	6077	FO	93032111	114300	000600	352	G E-203,C-88,B-34
IPOIA HD	35155	66	6.770	0519548	-084247	H 1	25164 L	5398	FO	93032113	132200	012000	354	G E-236,C-110,B-59
IPOIA HD	35155	66	6.770	0519548	-084247	L 3	46942 L	15049	FO	93021502	025800	006000	341	G E-141,C-85,B-23
IPOIA HD	35155	66	6.770	0519548	-084247	L 3	47329 L	6166	FO	93032111	115700	006000	451	G E-197,C-166,B-27
USSES HD	35299	20	5.700	0521088	+001219	H 1	24752 L	14575	FO	93011820	201400	000205	503	G C-217,B-41
EM14 IMC SMP	53	70	15.00	0521345	-670252	L 3	47491 L	00000	BO	93041603	035224	006000	110	V FESBCK:16883,FO;
OK98K CRI HII	72			0523421	-052947	L 1	25228 S	1822	FO	93032822	225300	000420	201	G C-50,B-30
OK98K CRI HII	72			0523422	-052947	L 1	25227 S	1847	FO	93032822	221400	000200	401	G C-130,B-30
SOCM CRI HII	72			0523425	-052948	L 1	25225 S	1845	FO	93032820	204700	000130	202	G C-45,B-32
OK98K CRI HII	72			0523425	-052948	L 1	25226 S	1829	FO	93032821	213000	000815	302	G C-100,B-32
PI026 SKY	07	99.99	0524285	-623031	L 1	24802 L	00000			93012807	070547	025000	304	V FESBCK:4122,FO;SEREN
PI026 IMC-1	57	15.70	0524285	-623031	L 3	46836 L	00000	BO	93012807	070404	028300	261	V FESBCK:4124,FO;	
PI026 IMC-1	57	15.70	0524343	-623122	L 3	46844 L	00000	BO	93012906	062603	010000	260	V FESBCK:4137,FO;	
EM105 IMC N52	70	15.00	0528479	-673555	L 3	47784 L	00000	BO	93053123	234822	014000	240	V FESBCK:23404,FO;FIVE	
EM14 IMC SMP	67	70	15.00	0529225	+673804	L 3	47487 L	00000	BO	93041506	065151	010300	200	V FESBCK:17074,FO;
USSES HD	36673	41	2.590	0530314	-175124	H 1	24669 L	1835	FU	93010605	055800	000200	502	G C-195,B-36
EA148 HD	36576	26	5.700	0530357	+183023	H 3	47030 L	13651	FO	93022323	234200	000745	505	G C-230,B-65
EA148 HD	36576	26	5.700	0530357	+183023	H 3	47032 L	13576	FO	93022401	014100	000725	502	G C-211,B-38
EA148 HD	36576	26	5.700	0530357	+183023	H 3	47034 L	13293	FO	93022403	033700	000745	502	G C-217,B-37
EA148 HD	36576	26	5.700	0530357	+183023	H 3	47036 L	15166	FO	93022405	054700	000745	502	G C-200,B-36
EA148 HD	36576	26	5.700	0530357	+183023	H 3	47038 L	15164	FO	93022407	074100	000745	502	G C-200,B-38
EA148 HD	36576	26	5.700	0530357	+183023	H 3	47040 L	15041	FO	93022409	094500	000745	502	G C-200,B-32
EA148 HD	36576	26	5.700	0530357	+183023	H 3	47042 L	14966	FO	93022412	120200	000745	502	G C-205,B-39
S30GS HD	269651	32	10.50	0530530	-691120	L 1	25182 L	798	FO	93032313	130700	002700	502	G C-212,B-38
S30GS HD	269651	32	10.50	0530530	-691120	L 3	47340 L	797	FO	93032313	134100	015000	402	G C-183,B-37
CD21Z P1409	41	11.60	0531507	-050645	L 1	24690 L	142	FO	93010901	011500	003000	337	G E-160,C-111,B-81	
EM14 IMC SMP73	70	15.00	0531595	-704248	L 3	47493 L	00000	BO	93041607	074815	006000	146	V FESBCK:14838,FO;	
CD21Z P1507	31	10.26	0532066	-050503	L 1	24689 L	431	FO	93010900	002300	001000	302	G C-129,B-39	
OK98K CRI HII	72			0532196	-053611	L 1	25231 L	2342	FO	93032902	022000	002500	302	G C-75,B-36
OK98K V372 CRI	30	8.300	0532197	-053611	L 1	25230 L	2350	FO	93032901	013000	000200	502	G C-240,B-35	
OK98K CRI HII	72			0532416	-052948	L 3	47382 L	1842	FO	93032900	004100	002000	300	G C-90,B-15
OK98K CRION H	72			0532417	-052918	L 1	25229 L	1823	FO	93032900	001200	002000	302	G C-110,B-35
OK98K LP CRI	24	8.500	0532423	-052948	L 1	25224 S	1838	FO	93032820	200100	000200	X02	G C-1.5X,B-32	
SOCM CRION NE	73			0532486	-052333	L 1	24765 L	0		93012021	210500	001000	302	G C-107,B-33
SOCM MP CRI	52	11.20	0532505	-052438	L 3	46770 L	0	BO	93012021	210400	001000	500	G C-225,B-17	
SOCM MP CRI+N	73	11.20	0532508	-052427	L 3	46771 L	0	BO	93012021	215400	001500	X00	G C-1.5X,B-18	
SOCM MP CRI+N	73	11.20	0532509	-052424	L 3	46772 L	0	BO	93012022	225300	001000	X00	G C-1.5X,B-16	
SOCM MP CRI+N	73	11.20	0532511	-052419	L 3	46773 L	0	BO	93012023	234000	001000	X00	G C-1.5X,B-17	
CB6Z CQ TAU	60	10.99	0532541	+244304	L 1	25214 L	493	FO	93032720	200900	003300	337	G E-158,C-140,B-90	
CB6Z CQ TAU	60	10.99	0532541	+244304	L 1	25215 L	484	FO	93032721	212300	006000	339	G E-202,C-180,B-123	
HCFY M12HBA	69			0532548	-052655	L 1	24804 S	0	BO	93012814	143400	006000	503	G C-217,B-50
HCFY M12-HBA	69			0532548	-052655	L 3	46831 S	0	BO	93012713	132600	009000	X03	G C-2X,B-50
HCFY M12HBA	69			0532548	-052655	L 3	46837 S	0	BO	93012813	130800	008000	X03	G C-2X,B-46
HCFY M12-H3B	69			0532552	-052710	L 1	24805 S	0	BO	93012816	165300	005000	403	G C-173,B-44
HCFY M12H3B	69			0532552	-052710	L 3	46838 S	0	BO	93012815	154500	006000	502	G C-213,B-39
HCFY HD	37041	12	5.200	0532554	-052650	L 1	24803 L	23463	FO	93012812	125800	000001	502	G C-210,B-32
HCFY HD	37041	12	5.200	0532554	-052650	L 3	46839 L	22254	FO	93012817	172900	000001	500	G C-217,B-15
HCFY M12H3C	69			0532569	-052633	L 1	24799 S	0	BO	93012716	165100	006000	403	G C-151,B-47

RO	Object	CL	MPG	R.A.	DEC	D C	Image A	FES	M)	Obs.date	Exptim	mmmsstt	KCC	Comment
HCFY	M12HHC	69		0532569	-052633	L 3	46832 S	0	EO	93012716	161000	007500	502	G C-212, B-38
HCFY	M12HBA	69		0532569	-052633	L 3	46840 S	0	EO	93012818	180900	005000	402	G C-161, B-33
HCFY	M12-HBA	69		0533548	-052655	L 1	24798 S	0	EO	93012715	150300	005000	403	G C-197, B-47
USBS	HD 37098	25	5.700	0534013	+265342	H 1	24809 L	12626	FO	93012900	004200	000650	503	G C-221, B-49
USBS	HD 37098	25	5.700	0534013	+265342	H 3	46843 L	12678	FO	93012901	011600	001200	503	G C-207, B-44
USBS	SPO 77322	25	5.700	0534014	+265341	F 9	02693 2			93020702	023000	002000		G FES SUREPAK TEST!
USBS	SPO 77322	25	5.700	0534014	+265341	F 9	02694 2			93020703	033100	000500		G FES SUREPAK TEST!
CD1Z	P2494	46	10.70	0534428	-060801	L 1	24691 L	238	FO	93010902	023600	003000	309	G C-200, B-147
EM048	SKY	07	99.99	0535303	-694650	L 1	25181 L	00000		93032306	061350	024000	600	V FESECK:9874, FO; SEREN
EM048	SK-69200	13	11.20	0535303	-694650	H 3	47339 L	00000	EO	93032304	045848	034800	300	V FESECK:9874, FO;
HCFAL	SKY	07	99.99	0535303	-694650	L 1	25190 L	00000		93032405	052722	028000	702	V FESECK:11408, FO;
EM048	SK -69200	13	11.20	0535303	-694650	H 3	47348 L	00000	EO	93032404	045647	035000	402	V FESECK:11408, FO;
LEOSS	SI24/LMC	26	10.70	0535409	-694226	L 1	24722 L	336	FO	93011220	204100	000600	X02	G C-2X, B-34
LEOSS	SI24/LMC	26	10.70	0535409	-694226	L 3	46716 L	339	FO	93011220	200600	000700	500	G C-210, B-15
QJ184	CH 95	57	15.00	0535500	-644509	L 3	47666 L	00000	EO	93051400	004031	032200	301	V FESECK:26430, FO;
SNOGS	SN 1987A	56	17.00	0535500	-691758	L 3	47083 L	0	EO	93030113	135700	030000	404	G C-175, B-55
HCFAL	SKY	07	99.99	0535500	-644509	H 1	25525 L	00000		93051401	010901	030000		V FESECK:26430, FO; SERE
PI026	N67	57	99.99	0535547	-644508	L 3	46845 L	00000		93012909	091713	011700	230	V FESECK:2500, FO;
LEOSS	SI27/LMC	26	10.90	0536475	-692438	L 1	24721 L	285	FO	93011219	192100	000600	X2	G E-1.5X, B-34
LEOSS	SI27/LMC	26	10.90	0536475	-692438	L 3	46715 L	287	FO	93011218	184600	001500	500	G C-196, B-17
HCFAL	SKY	07	99.99	0536550	-664002	L 1	25469 L	00000		93050402	020620	024000	502	V FESECK:21011, FO
EM074	HD269889	13	11.50	0536550	-664002	H 3	47601 L	00000	EO	93050401	011723	029000	402	V FESECK:21011, FO; NO
EM028	R 127	52	08.80	0537080	-693128	H 1	24985 L	00000	EO	93022207	073838	027500	343	V FESECK:3200FO, SERGE
EM028	R 127	52	08.80	0537080	-693128	L 3	47022 L	00000	EO	93022212	122945	001500	340	V FESECK:3700, FO;
USBS	HD 37519	22	6.000	0537217	+311958	H 1	24810 L	10755	FO	93012902	021100	001435	504	G C-221, B-54
USBS	HD 37519	22	6.000	0537217	+311958	H 3	46851 L	10302	FO	93013002	020100	002800	503	G C-200, B-47
SNOXC	SK-69235	11	11.50	0538040	-690649	L 3	47826 L	0	EO	93060715	155200	001500	09	G B-125
HCFAL	SKY	07	99.99	0538081	-685638	L 1	25463 L	00000		93050302	020328	024000	404	V FESECK:2003, FO
EM074	HD269896	13	11.20	0538081	-685638	H 3	47594 L	00000	EO	93050301	010647	032400	302	V FESECK:2003L, FO; IN 2
HCFAL	SKY	07	99.99	0538095	-690645	H 1	25712 L	00000	EO	93061001	013308	013500	203	V FESECK:2148L, FO; SERE
EM033	SK-69 235	11	11.30	0538095	-690645	H 3	47842 L	00000	EO	93061000	001327	019500	332	V FESECK:2148L, FO; 9 S
EM051	R130	10	11.30	0538096	-690644	H 3	47504 L	00000	EO	93041904	045323	017000	332	V FESECK:15350, FO
EM051	R 140	10	12.00	0539022	-690645	H 3	47429 L	00000	EO	93040602	025642	028000	332	V FESECK:12390, F/O;
EM033	SK-69248	11	12.00	0539177	-690735	H 3	47836 L	00000	EO	93060823	232144	032500	342	V FESECK:19950, FO;
HCFAL	SKY	07	99.99	0539177	-690735	H 1	25703 L	00000		93060823	232748	028000	303	V FESECK:19950, FO; SERE
EM051	R145	11	12.00	0539178	-690736	H 3	47495 L	00000	EO	93041703	030055	029500	332	V FESECK:17204, FO;
SNOXC	SK-69248	11	12.00	0539178	-690736	L 3	47825 L	0	EO	93060714	143000	001500	343	G E-169, C-123, B-46
HCFAL	SKY	07	99.99	0539178	-690736	H 1	25716 L	00000		93061023	231052	028400	303	V FESECK:21400, FO; SER
EM048	SK-69 248	11	12.00	0539178	-690736	H 3	47847 L	00000	EO	93061022	223218	035000	332	V FESECK:21400, FO
HCFAL	SKY	07	99.99	0540253	-694543	H 1	25696 L	00000		93060722	220438	036000	303	V FESECK:23000, FO; SERE
EM050	SK-69257	23	12.30	0540253	-694543	H 3	47829 L	00000	EO	93060721	213641	043100	302	V FESECK:23000, FO;
SNOXC	SK-69257	23	12.30	0540254	-694544	L 1	25695 L	0	FO	93060719	194800	001500	302	G C-85, B-33
LEOSS	SI34/LMC	26	12.00	0540352	-692412	L 1	24720 L	222	FO	93011218	180600	001300	502	G C-215, B-35
LEOSS	SI34/LMC	26	12.00	0540352	-692412	L 3	46714 L	220	FO	93011217	172800	001800	350	G E-217, C-84, B-17
EM010	N210/C15	23	13.80	0542334	-691313	L 1	25827 L	00000	EO	93062923	231055	004000	401	V FESECK:7681, F/O;
EM010	N210/C15	23	13.80	0542335	-691313	L 3	48002 L	00000	EO	93063000	000747	007500	301	V FESECK:7681, F/O;
HCFAL	HD 00038666	12	5.170	0544084	-321927	H 1	24668 L	22433	FO	93010604	045800	000042	502	G C-213, B-40
HCFAL	HD 00038666	12	5.170	0544084	-321927	H 1	24833 L	22461	FO	93020202	021300	000042	503	G C-213, B-41
HCFAL	HD 00038666	33	5.170	0544084	-321927	H 1	25036 L	24327	FO	93030200	002800	000042	403	G C-190, B-41
HCFAL	HD 00038666	12	5.170	0544084	-321927	H 3	46665 L	22280	FO	93010604	045200	000051	502	G C-221, B-33



HD	Object	CL	MFG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmstt	EC	Comment
HICAL	HD 00038666	12	5.170	0544084	-321927	H 3	46870 L	22538	FO	93020202	022000	000051	502	G C-221,B-35
HICAL	HD 00038666	33	5.170	0544084	-321927	H 3	47087 L	24010	FO	93030200	003400	000051	502	G C-200,B-34
EM181	HD 39060	31	03.40	0546059	-510502	H 1	25259 L	01236	FU	93040302	022050	000400	501	V FESECK:11156,FO
EM181	HD 39060	31	03.42	0546059	-510502	H 1	25260 L	01212	FU	93040303	033108	000400	501	V FESECK:11156,FO
EM181	HD 39060	31	03.39	0546059	-510502	H 3	47410 L	01250	FU	93040302	025432	001000	500	V FESECK:11156,FO
EM181	HD 39060	31	03.37	0546059	-510502	H 1	25261 L	01263	FU	93040304	043909	000400	501	V FESECK:11156,FO
EM181	HD 39060	31	03.42	0546059	-510502	H 3	47411 L	01215	FU	93040304	040615	001000	500	V FESECK:11156,FO
EM181	HD 39060	31	03.37	0546059	-510502	H 3	47409 L	01270	FU	93040301	015257	001000	500	V FESECK:11156,FO
EM014	IMC SMP92	70	15.00	0547284	-692830	L 3	47492 L	00000	EO	93041606	062141	004000	130	V FESECK:16885,FO;
SUOEG	HD 39587	44	4.400	0551246	+201603	H 1	25001 L	711	FU	93022421	213100	001100	544	G E-183,C-236,B-51
SUOEG	HD 39587	44	4.400	0551246	+201603	L 3	47045 L	711	FU	93022422	220900	006000	X39	G E-143,C-2.5X,B-115
ACCAD	HD 39801	49	0.500	0552280	+072358	L 1	24782 L	10161	FU	93012421	210400	007500	X22	G E-640K,C-320K,B-36
HICAL	NULL	99		0552280	+072358	L 1	24783 L	0		93012423	235300	000000	301	G C-52,B-30
ACCAD	HD 39801	49	0.500	0552280	+072358	H 1	24998 L	15800	FU	93022417	174500	000345	352	G E-196,C-65,B-31
ACCAD	HD 39801	49	0.500	0552280	+072358	L 1	24999 L	15918	FU	93022418	183300	000008	352	G E-194,C-74,B-31
ACCAD	HD 39801	49	0.500	0552280	+072358	H 1	25000 L	10011	FU	93022419	195300	000345	352	G E-199,C-61,B-33
ACCAD	HD 39801	49	0.500	0552280	+072358	H 1	25178 L	10514	FU	93032223	231900	000345	352	G E-198,C-63,B-32
ACCAD	HD 39801	49	0.500	0552280	+072358	L 1	25179 L	10282	FU	93032300	001200	000008	352	G E-212,C-81,B-31
ACCAD	HD 39801	49	0.500	0552280	+072358	H 1	25180 L	10225	FU	93032301	010300	006000	X23	G E-12X,C-1.5X,B-49
SCRS	HD 39801	49	0.800	0552280	+072358	H 1	25309 L	9995	FU	93040920	201000	006000	426	G E-15X,C-208,B-73
ACCAD	HD 39801	49	0.500	0552280	+072358	L 3	46820 L	9952	FU	93012422	222700	005000	380	G E-4X,C-72,B-15
ACCAD	HD 39801	49	0.500	0552280	+072358	L 3	46821 L	9917	FU	93012423	235100	002000		G e-181,c-51,b-15
ACCAD	HD 39801	49	0.500	0552280	+072358	H 3	47044 L	15819	FU	93022417	175700	013000	345	G E-194,C-101,B-62
ACCAD	HD 39801	49	0.500	0552280	+072358	L 3	47337 L	10670	FU	93032223	233600	005000	380	G E-1.5X,C-100,B-17
ACCAD	HD 39801	49	0.500	0552280	+072358	L 3	47338 L	9886	FU	93032302	022200	002000	350	G E-177,C-53,B-16
USBS	HD 41089	25	6.500	0559193	-425214	H 1	25060 L	9139	FO	93030423	231200	000800	504	G C-230,B-56
LECRP	17 LEP	66	4.930	0602452	-162847	H 1	24738 L	22488	FO	93011521	215400	001000	452	G E-197,C-168,B-36
LECRP	17 LEP	66	4.930	0602452	-162847	H 1	24807 L	22514	FO	93012822	220100	001000	552	G E-209,C-194,B-40
LECRP	17 LEP	66	4.930	0602452	-162847	H 1	24808 L	22811	FO	93012823	233500	001000	553	G E-200,C-192,B-41
LECRP	17 LEP	66	4.930	0602452	-162847	H 1	24892 L	28041	FU	93021122	223400	001000	553	G E-201,C-199,B-44
LECRP	17 LEP	66	4.930	0602452	-162847	H 1	24893 L	27882	FO	93021123	234100	001000	455	G E-222,C-217,B-68
LECRP	17 LEP	66	4.930	0602452	-162847	H 1	24949 L	24970	FO	93021723	234500	001000	552	G E-214,C-197,B-38
LECRP	17 LEP	66	5.000	0602452	-162847	H 1	25208 L	26672	FO	93032619	193300	001000	453	G E-210,C-194,B-44
LECRP	17 LEP	66	5.000	0602452	-162847	H 1	25209 L	28094	FO	93032622	222500	001000	443	G E-200,C-190,B-50
LECRP	17 LEP	66	5.000	0602452	-162847	H 1	25331 L	862	FU	93041219	191300	001000	522	G E-36,C-192,B-35
LECRP	17 LEP	66	5.000	0602452	-162847	L 1	25332 L	874	FU	93041220	201800	000008	402	G C-165,B-32
LECRP	17 LEP	66	4.930	0602452	-162847	H 3	46734 L	22526	FO	93011520	204500	006000	??2	G E-37,C-1.5X,B-38
LECRP	17 LEP	66	4.930	0602452	-162847	H 3	46735 L	23076	FO	93011522	222900	009000	X23	G E-44,C-3X,B-49
LECRP	17 LEP	66	4.930	0602452	-162847	H 3	46841 L	22731	FO	93012820	202700	009000	X23	G E-48,C-3X,B-42
LECRP	17 LEP	66	4.930	0602452	-162847	H 3	46842 L	23325	FO	93012822	223000	006000	X22	G E-38,C-1.5X,B-40
LECRP	17 LEP	66	4.930	0602452	-162847	H 3	46916 L	27680	FO	93021120	203800	009000	X05	G C-3X,B-65
LECRP	17 LEP	66	4.930	0602452	-162847	H 3	46917 L	28133	FO	93021123	230500	003000	403	G C-190,B-49
LECRP	17 LEP	66	4.930	0602452	-162847	H 3	46980 L	24609	FO	93021721	213800	009000	X24	G E-46,C-3X,B-55
LECRP	17 LEP	66	4.930	0602452	-162847	H 3	46981 L	25635	FO	93021800	001600	003800	522	G E-35,C-219,B-34
LECRP	17 LEP	66	5.000	0602452	-162847	H 3	47366 L	27296	FO	93032620	200000	009000	X09	G C-4X,B-170
LECRP	17 LEP	66	5.000	0602452	-162847	H 3	47472 L	868	FU	93041217	171500	009000	X04	G C-3X,B-57
LECRP	17 LEP	66	5.000	0602452	-162847	L 3	47473 L	873	FU	93041219	194400	000100	500	G C-248,B-12
USBS	HD 44478	49	2.900	0619563	+223223	L 3	46915 L	1853	FU	93021118	182200	009000	341	G E-167,C-60,B-25
HICAL	HD 00045057	24	6.800	0621145	-531831	L 1	24855 L	6406	FO	93020601	013000	000008	502	G C-210,B-32
HICAL	HD 00045057	24	6.800	0621145	-531831	L 3	46890 L	6441	FO	93020601	012400	000013	500	G C-191,B-13

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
DARCB	EJMED623	37	12.30	0621300	-373950	H 3	47985 L	0	BD	93062807	071200	019000	02	G B-35
SIOFB	HD 45348	40	-0.72	0622500	-524000	H 1	24751 L	0	BD	93011819	190300	000008	X02	G C-1.5X, B-37
SIOFB	HD 45348	40	-0.72	0622500	-524000	H 3	46759 L	0		93011817	173700	008000	309	G C-160K, B-137
UESBS	HD 45348	40	-0.90	0622505	-524003	H 3	46702 L	0		93011102	022600	000023	402	G C-170, B-31
HICAL	HD 45557	30	5.800	0623366	-601510	L 1	24867 L	14247	FD	93020901	014800	000009	502	G C-200, B-32
HICAL	HD 00045557	30	5.800	0623366	-601510	L 3	46903 L	14288	FD	93020901	014300	000024		G
SOOMC	MOON	02	-11.0	0629385	+255440	H 3	46884 L	0	BD	93020320	205100	027000	X39	G B-201, C-4X, B-125
UESBS	HD 48761	35	8.600	0641320	-353438	L 1	24756 L	1431	FD	93011900	000500	000344	402	G C-170, B-32
CFONE	NEC 2287-61	25	8.970	0643260	-203959	L 1	25189 L	1774	FD	93032402	024300	000130	402	G C-179, B-32
CFONE	NEC 2287-61	25	8.970	0643260	-203959	L 3	47347 L	1777	FD	93032402	023400	000324	400	G C-157, B-13
CFONE	NEC 2287-103	25	8.340	0643266	-203737	L 1	25201 L	2990	FD	93032521	212200	000045	402	G C-181, B-34
CFONE	NEC 2287-103	25	8.340	0643266	-203737	L 3	47359 L	3040	FD	93032521	211100	000218	500	G C-190, B-15
CFONE	NEC 2287-2	30	8.930	0643543	-204000	L 1	25187 L	1800	FD	93032400	001800	000236	X02	G C-1.5X, B-32
CFONE	NEC 2287-2	30	8.930	0643543	-204000	L 3	47345 L	1802	FD	93032323	234400	000824	X00	G C-1.5X, B-14
CFONE	NEC 2287-5	25	9.560	0643578	-203908	L 1	25188 L	1356	FD	93032401	013200	000330	502	G C-217, B-32
CFONE	NEC 2287-5	25	9.560	0643578	-203908	L 3	47346 L	1363	FD	93032400	005800	000824	400	G C-164, B-14
CFONE	NEC 2287-120	25	9.990	0644025	-204530	L 1	25185 L	1173	FD	93032321	214600	000548	503	G C-218, B-49
CFONE	NEC 2287-120	25	9.990	0644025	-204530	L 3	47343 L	1192	FD	93032321	210400	001300	402	G C-180, B-33
CFONE	NEC 2287-44	25	8.460	0644061	-204501	L 1	25186 L	2351	FD	93032322	224800	000118	502	G C-242, B-32
CFONE	NEC 2287-44	25	8.460	0644061	-204501	L 3	47344 L	2359	FD	93032322	225500	000318	500	G C-221, B-15
CFONE	NEC 2287-30	22	9.290	0644143	-204546	L 1	25184 L	1472	FD	93032319	194900	000118	402	G C-147, B-32
CFONE	NEC 2287-30	22	9.290	0644143	-204546	L 3	47342 L	1469	FD	93032319	195700	000318	40	G B-120, B-14
CFONE	NEC 2287-51	25	9.370	0644260	-203926	L 1	25200 L	1982	FD	93032519	195200	000248	502	G C-231, B-35
CFONE	NEC 2287-51	25	9.370	0644260	-203927	L 3	47358 L	1984	FD	93032520	200600	000600	500	G C-194, B-15
CFONE	NEC 2287-123	30	10.96	0644416	-204107	L 1	25202 L	1507	FD	93032523	231200	001300	402	G C-166, B-35
CFONE	NEC 2287-123	30	10.96	0644416	-204107	L 3	47360 L	1509	FD	93032522	221700	003000	301	G C-115, B-26
HICAL	SKY	07	99.99	0648461	-533347	L 1	25232 L	00000		93032906	063000	021000	402	V FESECK:12645, FO;
FC039	HD50337	39	04.40	0648461	-533347	H 3	47383 L	00000	BD	93032904	042038	035000	702	V FESECK:12645, FO;
FC039	HD50337	39	04.40	0648461	-533347	H 3	47370 L	00000	BD	93032704	044607	028000	701	V FESECK: 12439, F/O
HICAL	SKY	07	99.99	0648461	-533347	L 1	25198 L	00000		93032504	043257	024000	302	V FESECK:12862, FO;
FC039	HD50337	39	04.40	0648461	-533347	H 3	47357 L	00000	BD	93032504	040351	033000	702	V FESECK:12862, FO;
FC039	HD50337	39	04.40	0648461	-533347	H 1	25199 L	00000	BD	93032509	094531	006000	602	V FESECK:12862, FO;
COOKC	HD 50877	47	3.870	0652034	-240713	L 3	47602 L	1427	FU	93050407	075900	029000	343	G B-163, C-96, B-46
PCI79	GL 259	46	07.04	0659112	-255235	H 1	24840 L	05511	FD	93020405	051039	006500	341	V FESECK:80, FO;
PCI77	HD54361	50	06.08	0705432	-115035	L 1	25401 L	00000	BD	93042404	042421	006000	211	V FESECK:13190, FO;
COODM	HD 55857	20	6.110	0711353	-271610	H 3	46932 L	11066	FD	93021319	192400	000230	502	G C-219, B-31
COODM	HD 55857	20	6.110	0711353	-271610	H 3	46933 L	11027	FD	93021320	200300	000230	502	G C-214, B-32
INCLW	HD 56096	51	5.100	0712007	-443326	L 1	25247 L	1242	FU	93033120	205700	004500	3X4	G B-2X, C-142, B-54
INCLW	HD 56096	51	5.100	0712007	-443326	H 1	25248 L	1271	FU	93033122	222600	012000	33	G B-113, B-50
INCLW	HD 56096	51	4.300	0712007	-443326	L 1	25257 L	1282	FU	93040222	221700	001000	342	G B-169, C-56, B-35
INCLW	HD 56096	51	5.100	0712007	-443326	H 1	25258 L	0	FU	93040223	230900	008000	333	G B-78, C-80, B-44
INCLW	HD 56096	51	5.100	0712007	-443326	L 1	25352 L	1151	FU	93041517	174200	001500	242	G B-152, C-56, B-37
INCLW	HD 56096	51	5.100	0712007	-443326	L 1	25353 L	1566	FU	93041518	183400	004500	356	G B-245, C-137, B-79
INCLW	HD 56096	51	5.100	0712007	-443326	H 1	25354 L	1640	FU	93041520	200300	024000	338	G B-155, C-169, B-98
INCLW	HD 56096	51	5.100	0712007	-443326	L 1	25446 L	24457	FD	93043009	090700	003000	342	G B-153, C-74, B-36
INCLW	HD 56096	51	5.100	0712007	-443326	H 1	25447 L	25713	FD	93043010	102600	025000	336	G B-106, C-120, B-71
INCLW	HD 56096	51	5.100	0712007	-443326	L 1	25609 L	1397	FU	93052715	154900	004500	332	G B-91, C-97, B-40
INCLW	HD 56096	51	5.100	0712007	-443326	H 1	25610 L	979	FU	93052717	172400	026700	305	G C-136, B-69
INCLW	HD 56096	51	5.100	0712011	-443312	H 1	25526 L	1536	FU	93051407	072400	036000	39	G B-165, B-122
FC025	HD56160	44	05.60	0712497	-265700	L 3	47515 L	00000	BD	93042101	015626	006500	111	V FESECK: 18600, F/O;



PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	EC	Comment	
BPOWF	07131-01	70	12.50	0713109	-014723	L 3	46896 L	0	EO	93020714	144000	031000	04	G B-60	
USBS HD	56537	30	3.600	0715132	+163756	H 3	46982 L	883	FU	93021801	014500	000700	502	G C-199,B-32	
USBS HD	56855	47	2.700	0715226	-370023	H 1	24679 L	6319	FU	93010705	052800	001200	503	G C-231,B-41	
COOPT	FU OPM	53	8.500	0716200	+694554	L 1	24838 L	938	FO	93020302	020300	002000	308	G C-183,B-96	
COOPT	FU OPM	53	8.500	0716200	+694554	L 1	24945 L	1214	FO	93021716	162600	002500	402	G C-150,B-35	
HCAL HD	57060	12	4.900	0716353	-242759	H 1	24895 L	25690	FO	93021202	023600	000100	X03	G C-1.5X,B-44	
HCAL HD	57060	12	4.900	0716353	-242759	H 3	46919 L	26085	FO	93021202	023100	000100	552	G E-223,C-207,B-35	
USBS HD	57682	12	6.400	0719381	-085259	H 1	24678 L	8003	FO	93010704	042700	000300	503	G C-220,B-44	
USBS HD	58207	45	3.790	0722374	+275357	H 1	24950 L	679	FU	93021802	021700	003557	502	G C-241,B-40	
CD28Z	MAC 560	57	10.30	0723259	-073806	L 1	24766 L	255	FO	93012102	023200	001000	52	G E-219,B-33	
LEOSS	MAC 560	57	10.30	0723259	-073806	L 1	24889 L	319	FO	93021100	003600	001000	X06	G C-1.5X,B-75	
LEOSS	MAC 560	57	10.30	0723259	-073806	L 1	24988 L	278	FO	93022302	024400	001000	452	G E-192,C-137,B-32	
CD28Z	MAC 560	57	10.30	0723259	-073806	L 3	46774 L	242	FO	93012101	012300	006000	40	G E-140,B-20	
LEOSS	MAC 560	57	10.30	0723259	-073806	L 3	46912 L	354	FO	93021023	235700	003000	407	G C-200,B-90	
LEOSS	MAC 560	57	10.30	0723259	-073806	L 3	47026 L	283	FO	93022301	015900	004000	300	G C-99,B-17	
USBS HD	58496	40	4.200	0725539	+315308	H 1	24951 L	515	FU	93021803	034600	000620	503	G C-239,B-41	
USBS HD	58496	40	4.200	0725539	+315308	H 3	46983 L	516	FU	93021803	031100	002800	502	G C-228,B-35	
BNOSH	NCC	2392	70	10.40	0726133	+210056	L 1	24973 L	446	FO	93022022	220400	000140	502	G C-237,B-34
BNOSH	NCC	2392	70	10.40	0726134	+210056	L 3	47011 L	439	FO	93022022	221300	000200	500	G C-215,B-15
BNOSH	NCC	2392	70	10.40	0726134	+210056	L 3	47012 L	433	FO	93022022	224200	000200	500	G C-215,B-16
IRIDA HD	59643	66	7.800	0728527	+243638	L 1	24918 L	1736	FO	93021500	004200	002000	488	G E-3X,C-201,B-94	
IRIDA HD	59643	66	7.800	0728527	+243638	L 1	25308 L	3529	FO	93040918	183800	001000	353	G E-209,C-94,B-41	
IRIDA HD	59643	66	7.800	0728527	+243638	L 3	46941 L	1729	FO	93021501	010700	005000	344	G E-180,C-132,B-58	
IRIDA HD	59643	66	7.800	0728527	+243638	L 3	47450 L	3540	FO	93040918	185800	004000	332	G E-99,C-82,B-35	
USBS HD	60178	30	1.600	0731246	+315959	H 1	25213 L	6106	FU	93032715	154100	000020	502	G C-217,B-39	
FC108	HD60414	26	05.07	0731300	-142451	H 3	46720 L	24422	FO	93011309	091521	005000	560	V FESECK:262,SO;	
FC108	HD60414	26	05.09	0731300	-142451	H 1	24729 L	24241	FO	93011310	101534	003000	670	V FESECK:262,SO;	
FC108	HD60414	26	05.10	0731300	-142451	H 1	25503 L	00000	EO	93051000	000257	001500	461	V FESECK:17128,FO;	
FC108	HD60414	26	05.10	0731300	-142451	H 3	47634 L	00000	EO	93051000	002602	005000	560	V FESECK:17128,FO;	
FC108	HD60414	26	05.10	0731300	-142451	H 1	25504 L	00000	EO	93051001	012210	003000	671	V FESECK:17118,FO;	
FC108	HD60414	26	05.10	0731300	-142451	H 3	47635 L	00000	EO	93051002	020351	002500	450	V FESECK:17128,FO;	
FC108	HD60414	26	05.08	0731301	-142452	H 3	46721 L	24297	FO	93011310	105920	002500	360	V FESECK:262,SO	
FC108	HD60414	26	05.08	0731301	-142452	H 1	24730 L	24356	FO	93011311	114621	001500	560	V FESECK:262,SO;	
FC108	HD60414	26	05.10	0731301	-142452	H 1	25505 L	00000	EO	93051002	023913	002500	571	V FESECK:17128,FO;	
HCAL	HD60753	21	06.95	0732081	-502829	L 3	46852 L	05981	FO	93013005	054229	000011	500	V FESECK:4612,FO;	
HCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24654 S	6840	FO	93010304	040800	000018	X02	G C-1.5X,B-34	
HCAL	HD60753	21	07.03	0732081	-502829	H 1	24813 L	05572	FO	93013000	000000	000000	500	V FESECK:4612,FO;	
HCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24654 L	6904	FO	93010304	041300	000006	502	G C-219,B-34	
HCAL	HD60753	21	06.91	0732081	-502829	H 3	46853 L	06162	FO	93013006	061301	001800	500	V FESECK:4612,FO;	
HCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24710 L	6334	FO	93011123	232700	000006	502	G C-200,B-32	
HCAL	HD60713	21	06.92	0732081	-502829	L 1	24814 L	06108	FO	93013006	064654	000007	500	V FESECK:4612,FO;	
HCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24711 L	6986	FO	93011200	000800	000006	501	G C-225,B-25	
HCAL	HD60753	21	06.87	0732081	-502829	L 1	24815 L	06363	FO	93013008	080248	000007	700	V FESECK:4162,FO;	
HCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24830 L	6545	FO	93020121	210700	000006	501	G C-200,B-30,	
HCAL	HD60753	21	06.92	0732081	-502829	L 3	46854 L	06122	FO	93013007	071720	003600	500	V FESECK:4612,FO;	
HCAL	HD 00060753	21	6.690	0732081	-502829	L 1	24830 S	6494	FO	93020121	211600	000018	501	G C-240,B-30	
HCAL	HD60753	21	06.95	0732081	-502828	H 1	24834 L	05946	FO	93020205	054042	002400	602	V	
HCAL	HD 00060753	21	6.690	0732081	-502829	L 1	25033 L	7230	FO	93030119	193400	000006	502	G C-200,B-33	
HCAL	HD60753	21	06.98	0732081	-502828	L 3	46871 L	05813	FO	93020206	061249	000011	500	V FESECK:3573,FO;	
HCAL	HD 00060753	21	6.690	0732081	-502829	L 1	25033 S	7243	FO	93030119	194000	000018	502	G C-210,B-32	

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs. date	Exptim	numscst	ECC	Comment
HICAL	HD60753	21	06.98	0732081	-502829	L 3	46872 L	05796	FO	93020207	072902	000022	600 V	FESBCK:3573,FO;
HICAL	HD 00060753	21	6.690	0732081	-502829	H 1	25618 L	6027	FO	93052812	121900	000900	03 G	C-210,B-41
HICAL	HD60753	21	06.92	0732081	-502829	L 1	24835 L	06137	FO	93020207	072119	000014	601 V	FESBCK:3573,FO;
HICAL	HD 00060753	21	6.690	0732081	-502829	L 1	25642 L	6026	FO	93053118	182900	000006	502 G	C-210,B-34
HICAL	HD60753	21	07.21	0732081	-502829	L 3	46911 L	04759	FO	93021011	110755	000011	500 V	FESBCK:10155,FO;
HICAL	HD 00060753	21	6.690	0732081	-502829	L 1	25642 S	6056	FO	93053118	183500	000018	502 G	C-254,B-34
HICAL	HD 60753	21	07.31	0732081	-502829	L 3	47018 L	04310	FO	93022110	103136	000011	500 V	FESBCK:13475,FO;
HICAL	HD 00060753	21	6.690	0732081	-502829	L 1	25659 L	9227	FO	93060213	135700	000006	402 G	C-158,B-31
HICAL	HD 60753	21	07.31	0732081	-502829	L 1	24977 L	04310	FO	93022110	103512	000007	500 V	FESBCK:13475,FO;
HICAL	HD 00060753	21	6.690	0732081	-502829	L 1	25659 S	9178	FO	93060214	140600	000018	502 G	C-198,B-31
HICAL	HD 60753	21	07.31	0732081	-502829	L 3	47019 L	04310	FO	93022111	114133	000022	700 V	FESBCK:13475,FO;
HICAL	HD 00060753	21	6.690	0732081	-502829	L 1	25718 L	5891	FO	93061114	141100	000006	501 G	C-199,B-28
HICAL	HD 60753	21	07.31	0732081	-502829	L 3	47020 L	04310	FO	93022112	122530	000011	500 V	FESBCK:13475,FO;
HICAL	HD 00060753	21	6.690	0732081	-502829	L 1	25718 S	5907	FO	93061114	141800	000018	402 G	C-154,B-32
HICAL	HD 60753	21	07.31	0732081	-502829	L 1	24978 L	04310	FO	93022111	114531	000014	701 V	FESBCK:13475,FO;
HICAL	HD 00060753	21	6.690	0732081	-502829	L 1	25719 L	5911	FO	93061115	152500	000025	402 G	C-172,B-33
HICAL	NULL	99		0732081	-502829	L 2	18699 L	0		93021112	124400	000000	00 G	B-12
HICAL	HD 00060753	21	6.600	0732081	-502829	L 2	18700 L	8120	FO	93021113	132100	000042	501 G	C-199,B-22
HICAL	HD 00060753	21	6.690	0732081	-502829	L 2	18701 L	14043	FO	93021114	140300	000016	401 G	C-132,B-26
HICAL	HD 00060753	21	6.690	0732081	-502829	L 2	18702 L	14274	FO	93021114	144300	000051	501 G	C-233,B-26
HICAL	HD 00060753	21	6.690	0732081	-502829	L 2	18703 L	14344	FO	93021115	152500	000109	X01 G	C-1.5X,B-26
HICAL	HD 00060753	21	6.690	0732081	-502829	L 2	18704 L	14062	FO	93021116	161300	000042	501 G	C-197,B-26
HICAL	NULL	99		0732081	-502829	L 2	18705 L	0		93021116	164700	000000	01 G	B-23
HICAL	HD 00060753	21	6.690	0732081	-502829	L 2	18706 L	13949	FO	93021117	171900	000042	501 G	C-206,B-27
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46651 S	6740	FO	93010303	035500	000030	500 G	C-253,B-15
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46651 L	6766	FO	93010304	040000	000010	500 G	C-249,B-15
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46746 L	7975	FO	93011713	130300	000040	500 G	C-197,B-14
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46747 L	7969	FO	93011713	134600	000016	400 G	C-114,B-13
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46748 L	7958	FO	93011714	142600	000048	500 G	C-232,B-14
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46749 L	7947	FO	93011715	151000	000104	X00 G	C-1.5X,B-15
HICAL	NULL	99		0732081	-502829	L 3	46750 L	0		93011715	154400	000000	00 G	B-14
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46751 L	8069	FO	93011716	161400	000044	500 G	C-213,B-15
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46752 L	8097	FO	93011716	165300	000017	400 G	C-116,B-14
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46753 L	8197	FO	93011717	173300	000053	500 G	C-245,B-15
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46754 L	8135	FO	93011718	181400	000040	503 G	C-204,B-49
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46867 L	6514	FO	93020121	212400	000010	500 G	C-181,B-13
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	46867 S	6655	FO	93020121	213200	000030	500 G	C-249,B-13
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	47058 L	6599	FO	93022713	134500	000040	500 G	C-179,B-16
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	47059 L	13750	FO	93022714	143000	000016	300 G	C-100,B-16
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	47060 L	14016	FO	93022715	150900	000048	500 G	C-209,B-17
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	47061 L	14076	FO	93022715	154800	000104	500 G	C-247,B-18
HICAL	NULL	99		0732081	-502829	L 3	47062 L	0		93022716	162000	000000	00 G	B-16
HICAL	HD 60753	21	6.690	0732081	-502829	L 3	47063 L	14129	FO	93022716	164900	000044	500 G	C-202,B-12
HICAL	HD 60753	21	6.690	0732081	-502829	L 3	47064 L	14082	FO	93022717	173200	000017	300 G	C-107,B-15
HICAL	HD 60753	21	6.690	0732081	-502829	L 3	47065 L	14013	FO	93022718	181100	000053	500 G	C-220,B-14
HICAL	HD 60753	21	6.690	0732081	-502829	L 3	47066 L	14009	FO	93022719	193500	000040	500 G	C-188,B-20
HICAL	HD 60753	21	6.690	0732081	-502829	L 3	47067 L	13985	FO	93022720	202700	000011	500 G	C-208,B-14
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	47084 L	7272	FO	93030119	194700	000010	500 G	C-170,B-10
HICAL	HD 00060753	21	6.690	0732081	-502829	L 3	47084 S	7296	FO	93030119	195300	000030	500 G	C-210,B-15
HICAL	HD 00060753	21	6.690	0732081	-502829	H 3	47763 L	6117	FO	93052812	124900	001300	402 G	C-180,B-34

PRO	Object	CL	MPG	R.A.	DEC	D C	Image A	FES	MD	Obs. date	Exptim	mmmsstt	RC	Comment
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47781 L	6056	FO	93053118	184100	000010	500	G C-189,B-18
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47781 S	6072	FO	93053118	184600	000030	500	G C-229,B-18
HICAL HD	60753	21	6.690	0732081	-502829	L 3	47849 L	5854	FO	93061113	135100	000010	500	G C-168,B-14
HICAL HD	60753	21	6.690	0732081	-502829	L 3	47849 S	5850	FO	93061114	140300	000030	400	G C-144,B-14
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47850 L	5916	FO	93061115	154200	000040	500	G C-180,B-17
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47891 L	10312	FO	93061805	055100	000004	300	G C-96,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47892 L	10300	FO	93061806	062200	000004	300	G C-100,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47893 L	10348	FO	93061806	065200	000004	300	G C-95,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47894 L	10299	FO	93061807	072300	000004	300	G C-102,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47895 L	10240	FO	93061807	075400	000004	300	G C-104,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47896 L	10166	FO	93061808	082600	000004	300	G C-103,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47897 L	10119	FO	93061808	085600	000004	300	G C-101,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47898 L	10074	FO	93061809	092700	000007	400	G C-138,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47899 L	10035	FO	93061809	095900	000007	400	G C-133,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47900 L	10019	FO	93061810	103000	000007	400	G C-130,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47901 L	9957	FO	93061811	111000	000007	400	G C-143,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47902 L	9950	FO	93061811	114000	000007	400	G C-144,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47903 L	9911	FO	93061812	121000	000007	400	G C-141,B-15
HICAL HD	00060753	21	6.690	0732081	-502829	L 3	47904 L	9915	FO	93061812	124100	000007	400	G C-148,B-15
HICAL -31	4800	16	10.50	0734344	-320546	L 1	24820 L	281	FU	93013101	011400	000046	402	G C-155,B-35
HICAL -31	4800	16	10.50	0734344	-320546	L 3	46858 L	280	FO	93013101	010800	000052	500	G C-210,B-15
USBS HD	61110	41	4.900	0735542	+344203	H 1	24952 L	21752	FO	93021804	043500	001400	502	G C-205,B-39
SGGS HD	63804	32	7.600	0747249	-331212	L 1	25183 L	3752	FO	93032317	170900	000100	301	G C-56,B-30
SGGS HD	63804	32	7.600	0747249	-331212	L 1	25676 L	3732	FO	93060406	061500	000800	402	G C-176,B-35
SGGS HD	63804	32	7.600	0747249	-331212	L 3	47341 L	3712	FO	93032317	172000	005000	331	G B-92,C-50,B-26
SGGS HD	63804	32	7.600	0747249	-331212	L 3	47800 L	3732	FO	93060406	062900	036000	404	G C-180,B-57
PI098 RE	0751+14	59	14.50	0748279	+145205	L 3	46993 L	00000	EO	93021906	065427	004200	340	V FESECK:50,SD;
PI098 RE	0751+14	59	14.50	0748279	+145205	L 1	24965 L	00000	EO	93021907	074319	002800	331	V FESECK:143,SD
PI098 RE	0751+14	59	14.50	0748279	+145205	L 3	46994 L	00000	EO	93021908	082419	005600	340	V FESECK:220,SD;
PI098 RE	0751+14	59	14.50	0748279	+145205	L 1	24966 L	00000	EO	93021909	093504	002800	331	V FESECK:220,SD;
PI098 RE	0751+14	59	14.50	0748279	+145205	L 3	46995 L	00000	EO	93021910	101913	005600	340	V FESECK:320,SD;
PI098 RE	0751+14	59	14.50	0748279	+145205	L 1	24967 L	00000	EO	93021911	112044	002400	331	V FESECK:500,SD;
IMJC HD	64219	23	9.720	0749480	-245950	L 1	25410 L	1713	FO	93042517	175300	001200	X04	G C-3X,B-60
IMJC HD	64219	23	9.720	0749480	-245950	L 1	25412 L	1887	FO	93042521	213700	000448	502	G C-215,B-33
IMJC HD	64219	23	9.720	0749480	-245950	L 3	47546 L	1715	FO	93042518	180100	000300	501	G C-227,B-23
BA106 HD	64760	23	02.59	0751500	-475818	H 3	47094 L	02529	FU	93030504	042208	000200	400	V FESECK:16238,FO
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47103 L	818	FU	93030511	113700	000100	502	G C-216,B-35
BA106 HD	64760	23	03.35	0751500	-475818	H 3	47097 L	01286	FU	93030506	064354	000200	600	V FESECK:10000,FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47106 L	804	FU	93030514	140900	000100	502	G C-225,B-38
BA106 HD	64760	23	03.48	0751500	-475818	H 3	47100 L	01152	FU	93030509	090328	000100	500	V FESECK:9445,FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47109 L	1396	FU	93030516	163200	000100	502	G C-220,B-37
BA106 HD	64760	23	03.35	0751500	-474818	H 3	47124 L	01287	FU	93030605	055241	000100	500	V FESECK:9829,FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47112 L	1228	FU	93030519	190700	000100	502	G C-240,B-38
BA106 HD	64760	23	04.20	0751500	-475818	H 3	47149 L	00000	EO	93030704	041924	000100	500	V FESECK:9769,FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47115 L	1205	FU	93030521	215100	000100	502	G C-240,B-40
BA106 HD	64760	23	04.20	0751500	-475818	H 3	47152 L	00000	EO	93030707	070543	000100	500	V FESECK:9769,FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47118 L	1223	FU	93030600	002600	000100	502	G C-235,B-39
BA106 HD	64760	23	04.20	0751500	-475818	H 3	47155 L	00000	EO	93030709	093622	000100	500	V FESECK:9769,FO
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47121 L	1237	FU	93030602	024500	000100	502	G C-240,B-39
BA106 HD	64760	23	04.20	0751500	-475818	H 3	47185 L	00000	EO	93030809	094719	000100	500	V FESECK:10110,FO;



PRO	Object	CL	MPG	R.A.	DEC	D C	Image A	FES	MD	Obs. date	Exptim	mmmsst	EOC	Comment
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47128 L	884	FU	93030612	123400	000100	502	G C-230, B-37
PA106 HD	64760	23	04.20	0751500	+475818	H 3	47209 L	00000	EO	93030906	060121	000100	500	V FESECK:8750, FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47131 L	828	FU	93030614	143700	000100	502	G C-240, B-36
PA106 HD	64760	23	04.20	0751500	-475818	H 3	47212 L	00000	EO	93030908	084639	000100	300	V FESECK:10500, FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47134 L	1476	FU	93030616	163900	000100	502	G C-230, B-36
PA106 HD	64760	23	04.20	0751500	-475818	H 3	47236 L	00000	EO	93031003	033828	000100	300	V FESECK:10892, FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47137 L	1491	FU	93030618	185200	000100	502	G C-229, B-37
PA106 HD	64760	23	04.20	0751500	-475818	H 3	47239 L	00000	EO	93031006	060447	000100	500	V FESECK:10806, FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47140 L	1261	FU	93030621	210200	000100	502	G C-242, B-37
PA106 HD	64760	23	04.20	0751500	-475818	H 3	47179 L	00000	EO	93030804	040933	000100	500	V FESECK:10110, FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47143 L	1428	FU	93030623	231800	000100	502	G C-238, B-37
PA106 HD	64760	23	04.20	0751500	-475818	H 3	47182 L	00000	EO	93030807	071053	000100	300	V FESECK:10110, FO;
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47146 L	1487	FU	93030701	012300	000100	502	G C-225, B-35
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47158 L	900	FU	93030712	121000	000100	502	G C-239, B-37
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47161 L	1873	FU	93030714	143200	000100	501	G C-216, B-26
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47164 L	2167	FU	93030716	165800	000100	502	G C-188, B-32
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47167 L	938	FU	93030719	192300	000100	502	G C-246, B-39
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47170 L	1553	FU	93030721	212600	000100	502	G C-221, B-35
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47173 L	1666	FU	93030723	233600	000100	502	G C-191, B-33
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47176 L	1545	FU	93030801	014200	000100	502	G C-222, B-36
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47188 L	1176	FU	93030812	124700	000100	502	G C-242, B-38
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47191 L	1634	FU	93030815	150300	000100	502	G C-232, B-39
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47194 L	1912	FU	93030817	172000	000100	502	G C-229, B-39
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47197 L	1859	FU	93030819	193900	000100	502	G C-236, B-37
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47200 L	1770	FU	93030821	215400	000100	502	G C-241, B-38
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47203 L	977	FU	93030900	001700	000100	502	G C-246, B-39
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47206 L	996	FU	93030902	024900	000100	502	G C-236, B-39
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47215 L	821	FU	93030911	114100	000100	501	G C-242, B-30
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47218 L	851	FU	93030913	135200	000100	502	G C-252, B-38
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47221 L	1018	FU	93030916	160400	000100	502	G C-239, B-38
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47224 L	1783	FU	93030918	181600	000100	502	G C-247, B-31
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47227 L	1305	FU	93030920	202600	000100	502	G C-190, B-32
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47230 L	1200	FU	93030922	224100	000100	502	G C-226, B-36
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47233 L	1231	FU	93031001	010600	000100	502	G C-207, B-33
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47243 L	2337	FU	93030912	124400	000100	502	G C-226, B-36
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47246 L	1055	FU	93031014	145800	000100	502	G C-244, B-38
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47249 L	2805	FU	93031017	171400	000100	501	G C-239, B-29
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47252 L	1030	FU	93031019	193300	000100	502	G C-241, B-39
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47255 L	969	FU	93031021	213500	000100	502	G C-236, B-39
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47258 L	946	FU	93031023	234600	000100	502	G C-232, B-38
RRCIM HD	64760	23	4.240	0751500	-475818	H 3	47261 L	1000	FU	93031102	021200	000100	502	G C-242, B-37
UGOES	U GEM	54	14.00	0752078	+220803	L 3	47435 L	0	EO	93040712	125400	002500	300	G C-70, B-16
UGOES	U GEM	54	14.00	0752078	+220803	L 3	47436 S	0	EO	93040714	142800	001500	300	G C-80, B-16
UGOES	U GEM	54	14.00	0752078	+220803	L 3	47436 L	0	EO	93040715	150700	003000	300	G C-80, B-16
UGOES	U GEM	54	14.00	0752078	+220803	L 3	47437 L	0	EO	93040716	162400	002700	300	G C-89, B-17
UGOES	U GEM	54	14.00	0752078	+220803	L 3	47503 L	0	EO	93041900	001300	003000	300	G C-74, B-15
UGOES	U GEM	54	14.00	0752078	+220804	L 3	47579 L	0	EO	93050115	155000	003000	300	G C-72, B-16
UGOES	U GEM	54	14.00	0752078	+220804	L 3	47580 L	0	EO	93050117	171700	003000	300	G C-66, B-16
UGOES	U GEM	54	14.00	0752078	+220804	L 3	47581 L	0	EO	93050118	183000	002000	300	G C-45, B-17
OCICM HD	64802	20	5.490	0752200	-354443	H 3	46848 L	16598	EO	93012919	190900	000230	502	G C-189, B-34

HR	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	BCC	Comment
USBS HD	65950	25	6.860	0756561	-604724	H 1	25644 L	5325	FO	93053120	205600	002300	503 G	C-224, B-42
USBS HD	65950	25	6.860	0756561	-604724	H 3	47783 L	5345	FO	93053121	213900	004200	502 G	C-189, B-38
CCDM HD	65904	21	5.980	0757260	-450443	H 3	46849 L	12665	FO	93012919	194700	000500	402 G	C-178, B-32
SUMC MOON		02		0800279	+215017	H 3	47093 S	0		93030419	195700	025000	3?9 G	B-92, C-160, B-101
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 1	24655 S	540	FO	93010305	055400	000100	X02 G	C-1.5X, B-32
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 1	24655 L	545	FO	93010305	055900	000020	502 G	C-215, B-32
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 1	24712 L	627	FO	93011201	013000	000020	402 G	C-160, B-32
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 1	24713 L	631	FO	93011202	020900	000020	402 G	C-160, B-32
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 1	24784 L	958	FO	93012501	013800	000020	502 G	C-184, B-31
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 1	24785 L	1001	FO	93012502	021300	000020	502 G	C-191, B-32
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 1	24837 L	727	FO	93020300	004900	000020	502 G	C-205, B-37
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 1	24837 S	755	FO	93020300	005600	000100	502 G	C-252, B-37
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 1	25034 L	1347	FO	93030121	213300	000020	402 G	C-180, B-32
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 1	25034 S	1359	FO	93030121	213800	000100	501 G	C-210, B-30
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 3	46652 S	538	FO	93010305	054300	000042	500 G	C-234, B-15
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 3	46652 L	544	FO	93010305	054800	000014	500 G	C-203, B-15
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 3	46880 L	766	FO	93020301	010400	000014	500 G	C-182, B-15
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 3	46880 S	771	FO	93020301	011100	000042	400 G	C-157, B-15
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 3	47085 L	1357	FO	93030121	214400	000014	400 G	C-160, B-11
HICAL ED	+75 0325	16	9.540	0804432	+750648	L 3	47085 S	1360	FO	93030121	215000	000042	400 G	C-145, B-12
HICAL ED+75 325	16	09.88	0804435	+750648	L 3	46904 L	00442	FO	93020906	064447	000017	400 V	FESBCK:5441, FO;	
HICAL ED+75 325	16	09.80	0804435	+750648	L 3	46905 L	00476	FO	93020907	075100	000017	500 V	FESBCK:5441, FO;	
HICAL ED+75 325	16	09.80	0804435	+750648	L 1	24868 L	00476	FO	93020907	075100	000017	500 V	FESBCK:5441, FO;	
HICAL ED+75 325	16	09.80	0804435	+750648	L 1	24869 L	00474	FO	93020908	085606	000020	500 V	FESBCK:5441, FO;	
HICAL ED+75 325	16	09.80	0804435	+750648	L 1	24870 L	00476	FO	93020909	093034	000040	600 V	FESBCK:5441, FO;	
HICAL ED+75 325	16	09.80	0804435	+232500	L 3	46906 L	00474	FO	93020908	085249	000034	700 V	FESBCK:5441, FO;	
HICAL ED+75 325	16	54.00	0804435	+750648	L 3	47079 L	00000	ED	93030104	045125	000017	500 V	FESBCK:15886, FO;	
HICAL ED+75 325	16	09.54	0804435	+750648	L 1	25029 L	00000	ED	93030104	045510	000020	403 V	FESBCK:15886, FO;	
HICAL ED+75 325	16	09.54	0804435	+750648	L 3	47080 L	00000	ED	93030106	060500	000034	600 V	FESBCK:15886, FO;	
HICAL ED+75 325	16	09.54	0804435	+750648	L 1	25030 L	00000	ED	93030106	060830	000034	603 V	FESBCK:15886, FO;	
HICAL ED+75 325	16	09.54	0804435	+750648	H 3	47081 L	00000	ED	93030107	071555	002500	400 V	FESBCK:13886, FO; SEG	
HICAL ED+75 325	16	09.54	0804435	+750648	H 1	25031 L	00000	ED	93030107	075718	003000	404 V	FESBCK:15886, FO;	
HICAL ED+75 235	16	09.54	0804435	+750648	H 3	47082 L	00000	ED	93030108	083745	005000	601 V	FESBCK:15886, FO; SEG	
HICAL ED+75 325	16	09.54	0804435	+750648	H 1	25032 L	00000	ED	93030109	094644	005400	603 V	FESBCK:15886, FO; SEG	
HICAL ED+75 325	54	09.52	0804435	+750648	L 3	47585 L	00000	ED	93050200	005155	000017	500 V	FESBCK:14214, FO;	
HICAL ED+75 325	54	09.52	0804435	+750648	L 3	47586 L	00000	ED	93050201	015830	000034	700 V	FESBCK:14214, FO;	
HICAL ED+75 325	54	09.52	0804435	+750648	L 1	25456 L	00000	ED	93050200	005408	000020	403 V	FESBCK:14214, FO;	
HICAL ED+75 325	54	09.52	0804435	+750648	L 1	25457 L	00000	ED	93050202	020102	000040	703 V	FESBCK:14214, FO;	
HICAL ED+75 325	54	09.52	0804435	+750648	H 3	47587 L	00000	ED	93050202	023804	002500	500 V	FESBCK:14214, FO;	
HICAL ED+75325	54	09.52	0804435	+750648	H 1	25458 L	00000	ED	93050203	031618	003000	502 V	FESBCK:14214, FO;	
HICAL ED+75 325	54	09.52	0804435	+750648	H 1	25459 L	00000	ED	93050204	045714	006000	704 V	FESBCK:14214, FO; IN 2	
HICAL ED+75 325	54	09.52	0804435	+750648	H 3	47588 L	00000	ED	93050203	035155	005000	700 V	FESBCK:14214, FO; IN 2	
HICAL ED+75 325	54	09.52	0804435	+750648	L 3	47589 L	00000	ED	93050206	063556	000017	500 V	FESBCK:14214, FO;	
USBS HD	67523	41	2.800	0805246	-240931	H 1	24701 L	1434	FU	93011101	013100	000205	402 G	C-170, B-34
USBS HD	67523	41	2.800	0805250	-240932	H 1	24677 L	1458	FU	93010703	033800	000320	X04 G	C-1.5X, B-51
HICAL HD	68273	12	1.900	0807594	-471118	H 1	24894 L	0	ED	93021201	012100	000001	402 G	C-142, B-39
HICAL HD	68273	12	1.900	0807594	-471118	H 3	46918 L	0	ED	93021201	011700	000001	341 G	B-139, C-110, B-27
PIFIO NOVA FUP	9 55	00.14	0809441	-345829	L 1	24816 L	00000	ED	93013009	091301	001000	141 V	FESBCK:342, SO;	
NOSS NOVA FUP	55		0809441	-345829	L 3	46835 L	0	ED	93012801	013100	006000	334 G	B-123, C-90, B-59	
PIFIO NOVA FUP	9 55	00.14	0809441	-345829	L 3	46855 L	00000	ED	93013009	094758	012000	150 V	FESBCK:342, SO;	

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmrestt	EC	Comment
NOSS N FUP	91	55	15.00	0809441	-345829	L 3	47276 L	0	EO	93031419	193000	007000	332 G	E-129,C-75,B-38
PI100 NOVAFUP	91	55	12.89	0809441	-345829	L 1	24976 L	00120	EO	93022106	063232	001500	250 V	FESBCK:404,SO;
PI100 NOVAFUP	91	55	13.00	0809441	-345829	L 3	47017 L	00000	EO	93022106	065648	014000	110 V	FESBCK:404,SO;
IMJC HD	64219	20	7.130	0812120	-364759	L 1	25411 L	6313	FO	93042519	194700	000015	403 G	C-183,B-42
IMJC HD	64219	20	7.130	0812120	-364759	L 1	25411 L	6335	FO	93042520	200100	000103	X03 G	C-3X,B-42
IMJC HD	69106	20	7.130	0812120	-364759	L 3	47547 L	6304	FO	93042520	201800	000000	500 G	C-203,B-17
PI151 R&FUP		57	10.00	0812282	-413319	L 1	25611 L	00000	EO	93052700	000939	001000	332 V	FESBCK:1800,FO;
PI151 R&FUP		57	10.00	0812282	-413319	L 3	47757 L	00000	EO	93052723	234020	001500	111 V	FESBCK,18000,FO;
PI151 RK FUP		57	10.00	0812282	-413319	L 1	25615 L	00000	EO	93052806	063705	001200	111 V	FESBCK:18000,FO;
UCDW HD	72089	24	7.600	0827274	-452323	L 1	25018 L	2701	FO	93022702	022800	000230	X02 G	C-5X,B-34
UCDW HD	72089	24	7.600	0827274	-452323	L 1	25019 L	2700	FO	93022703	034700	000025	501 G	C-201,B-30
UCDW HD	72089	24	7.600	0827274	-452323	L 3	47054 L	2701	FO	93022702	023400	000040	500 G	C-182,B-12
UCDW HD	72089	24	7.600	0827274	-452323	L 3	47055 L	2700	FO	93022703	035100	000110	500 G	C-246,B-14
UCDW HD	72089	24	7.600	0827274	-452323	L 3	47056 L	2642	FO	93022704	043800	000110	X00 G	C-1.5X,B-14
UCDW HD	72127	24	5.200	0827464	-443325	L 1	25014 L	26818	FO	93022621	214900	000001	502 G	C-245,B-31
UCDW HD	72127	24	5.200	0827464	-443325	L 1	25015 L	27507	FO	93022622	225800	000004	X02 G	C-4X,B-34
UCDW HD	72127	24	5.200	0827464	-443325	L 1	25370 L	27387	FO	93041920	200200	000002	X01 G	C-2X,B-30
UCDW HD	72127	24	5.200	0827464	-443325	L 1	25370 S	27540	FO	93041920	201000	000001	301 G	C-104,B-30
UCDW HD	72127	24	5.200	0827464	-443325	L 1	25371 L	27802	FO	93041921	210100	000004	X02 G	C-3X,B-32
UCDW HD	72127	24	5.200	0827464	-443325	L 1	25371 S	27811	FO	93041921	211500	000009	X02 G	C-3X,B-32
UCDW HD	72127	24	5.200	0827464	-443325	L 1	25372 L	28060	FO	93041922	221000	000001	502 G	C-245,B-31
UCDW HD	72127	24	5.200	0827464	-443325	L 1	25372 S	28051	FO	93041922	221800	000002	502 G	C-193,B-31
UCDW HD	72127	24	5.200	0827464	-443325	L 3	47050 L	26818	FO	93022621	215200	000001	500 G	C-217,B-15
UCDW HD	72127	24	5.200	0827464	-443325	L 3	47051 L	27507	FO	93022623	230200	000002	X00 G	C-2X,B-14
UCDW HD	72127	24	5.200	0827464	-443325	L 3	47508 L	27898	FO	93041920	204500	000001	500 G	C-247,B-15
UCDW HD	72127	24	5.200	0827464	-443325	L 3	47508 S	27857	FO	93041920	205300	000003	500 G	C-239,B-15
UCDW HD	72648	23	7.800	0830359	-434538	L 1	25016 L	3602	FO	93022700	001300	000025	502 G	C-212,B-32
UCDW HD	72648	23	7.800	0830359	-434538	L 1	25017 L	3578	FO	93022701	011700	000230	X02 G	C-5X,B-34
UCDW HD	72648	23	7.800	0830359	-434538	L 3	47052 L	3602	FO	93022700	001600	000040	500 G	C-171,B-13
UCDW HD	72648	23	7.800	0830359	-434538	L 3	47053 L	3578	FO	93022701	012200	000115	X00 G	C-1.5X,B-13
FC179 GL 309		46	06.76	0830505	-311951	H 1	24841 L	07000	FO	93020407	070923	006000	431 V	95,FO;
EA139 HD 72968		36	05.97	0833018	-074832	H 3	46686 L	13393	FO	93010812	121451	015400	700 V	FESBCK:117,FO;
EA139 HD 72960		36	05.97	0833018	-074832	H 3	46691 L	13439	FO	93010912	123130	013700	762 V	FESBCK:131,FO;
EA139 SPO 136076		36	05.98	0833018	-074832	H 3	46673 L	13336	FO	93010710	105615	013500	700 V	FESBCK:80,FO;
EA139 HD 72968		36	05.99	0833018	-074832	H 1	24680 L	13208	FO	93010713	133837	001500	501 V	FESBCK:80,FO; NO GUI
EA139 HD 72968		36	06.00	0833018	-074832	H 3	46674 L	13080	FO	93010714	141012	003800	500 V	FESBCK:80,FO;
SUEG HD 72905		44	5.640	0834465	+651148	H 1	25002 L	16259	FO	93022423	235300	002000	438 G	E-184,C-221,B-96
SUEG HD 72905		44	5.640	0834465	+651148	L 3	47046 L	16327	FO	93022500	004200	007500	532 G	E-73,C-191,B-38
XRCBW 0838+770		85	15.70	0838320	+770359	L 3	47476 L	0	EO	93041310	100100	036000	334 G	E-134,C-126,B-57
HCAL SKY ERCD		07		0838406	+770457	L 1	25338 L	0		93041313	130400	014000	404 G	C-179,B-57
FC179 GL 320		46	06.91	0841253	-384208	H 1	24842 L	06185	FO	93020409	090430	006500	351 V	FESBCK:115,FO;
RQ104 05280J287		87	14.00	0851573	+201758	L 1	25102 L	00000	EO	93031607	073940	003624	100 V	FESBCK:130,FO;
HCORE QJ287		84	15.00	0851573	+201759	L 1	25097 L	0	EO	93031520	205600	005000	304 G	C-88,B-58
RQ104 QJ 287		87	14.00	0851573	+201758	L 1	25114 L	00000	EO	93031705	050051	005000	200 V	FESBCK:105,FO;
HCORE QJ287		84	15.00	0851573	+201759	L 1	25099 L	0	EO	93031600	004400	005000	302 G	C-66,B-39
RQ104 QJ 287		87	14.00	0851573	+201758	L 1	25116 L	00000	EO	93031708	084450	004000	200 V	FESBCK:110,FO;
HCORE QJ287		87	15.00	0851573	+201759	L 1	25106 L	0	EO	93031615	154600	004500	302 G	C-66,B-38
RQ104 QJ 287		87	14.00	0851573	+201758	L 1	25128 L	00000	EO	93031805	054142	003000	201 V	FESBCK:192,FO;
HCORE QJ287		87	15.00	0851573	+201759	L 1	25108 L	0	EO	93031619	190600	004400	303 G	C-65,B-44
RQ104 QJ 287		87	14.00	0851573	+201758	L 1	25130 L	00000	EO	93031808	085333	004500	201 V	FESBCK:192,FO;



PRO	Object	CL	MPG	R.A.	DEC	D C	Image	A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
BEORE	QJ287	84	15.00	0851573	+201759	L 1	25110	L	0	BD	93031622	221400	005000	08	G B-98
RQ104	QJ 287	87	14.00	0851573	+201758	L 1	25142	L	00000	BD	93031905	050721	005000	201	V FESECK: 170,FO;
BEORE	QJ287	87	14.00	0851573	+201759	L 1	25112	L	0	BD	93031701	013400	005000	302	G C-62,B-40
RQ104	QJ 287	87	14.00	0851573	+201758	L 1	25144	L	00000	BD	93031908	083239	005000	202	V FESECK: 264, FO;
BEORE	QJ287	87	14.00	0851573	+201759	L 1	25119	L	0	BD	93031715	153400	005000	303	G C-78,B-46
BEORE	QJ287	87	14.00	0851573	+201759	L 1	25121	L	0	BD	93031718	185900	005000	204	G C-65,B-57
BEORE	QJ287	87	14.00	0851573	+201759	L 1	25126	L	0	BD	93031801	013900	005000	203	G C-62,B-42
BEORE	QJ287	87	14.00	0851573	+201759	L 1	25133	L	0	BD	93031815	153700	005000	303	G C-80,B-49
BEORE	QJ287	87	14.00	0851573	+201759	L 1	25135	L	0	BD	93031819	191000	005000	306	G C-105,B-80
BEORE	QJ287	87	14.00	0851573	+201759	L 1	25140	L	0	BD	93031901	012500	005000	203	G C-61,B-41
BEORE	QJ287	87	14.00	0851573	+201759	L 1	25149	L	0	BD	93031915	153100	005000	303	G C-83,B-49
BEORE	QJ287	87	14.00	0851573	+201759	L 1	25151	L	0		93031918	185600	005000	205	G C-90,B-70
BEORE	QJ287	87	14.00	0851573	+201759	L 1	25156	L	0	BD	93032001	012900	005000	303	G C-64,B-41
ENFB HD	76534	24	7.960	0853206	-431630	H 1	25693	L	2447	FO	93060710	105500	005000	404	G C-198,B-52
ENFB HD	76534	34	7.960	0853206	-431630	H 1	25697	L	1933	FO	93060805	053100	005000	504	G C-211,B-57
ENFB HD	76534	34	7.960	0853206	-431630	H 1	25704	L	1858	FO	93060905	053000	005000	504	G C-213,B-58
ENFB HD	76534	34	7.960	0853206	-431630	L 3	47823	L	2505	FO	93060711	113600	000130	500	G C-183,B-13
ENFB HD	76534	34	7.960	0853206	-431630	H 3	47830	L	2133	FO	93060806	063900	013000	505	G C-227,B-70
ENFB HD	76534	34	7.960	0853206	-431630	L 3	47837	L	1864	FO	93060906	060900	000140	500	G C-203,B-13
PI024	SK-7036	59	13.20	0901388	-703809	L 3	47510	L	00000	BD	93042005	054704	006000	401	V FESECK:16733,FO;
H0AL SKY		07	99.99	0902370	-321046	L 1	25162	L	00000		93032105	053402	026000	302	V FESECK:145,FO;
H0AL SKY		07	99.99	0902370	-321046	L 1	25157	L	00000		93032004	044947	029000	304	V FESECK:140,FO
BM152	T PYX	55	15.00	0902370	-321047	L 3	47323	L	00000	BD	93032004	044740	033500	302	V FESECK: 140, F/O;
BM152	T PYX	55	15.00	0902371	-321047	L 3	47328	L	00000	BD	93032105	053039	030000	303	V FESECK: 145, F/O;
H0AL SKY		07	99.99	0902371	-321047	L 1	25173	L	00000		93032204	040851	034000	303	V FESECK:130,FO;
BM152	T PYX	55	15.00	0902371	-321047	L 3	47332	L	00000	BD	93032204	040515	038500	404	V FESECK:130,FO;
PI191	T PYX	55	15.50	0902372	-321047	L 3	47057	L	00000	BD	93022706	060934	027500	400	V FESECK:127,FO;
PI191	T PYX	55	15.50	0902372	-321047	L 1	25020	L	00000	BD	93022710	105554	011000	400	V FESECK:127,FO;
UCDW HD	78548	20	6.110	0905078	-553604	L 1	25074	L	9709	FO	93031219	192900	000003	502	G C-217,B-31
UCDW HD	78548	20	6.110	0905078	-553604	L 1	25075	L	11197	FO	93031220	203300	000010	X01	G C-3X,B-28
UCDW HD	78548	20	6.110	0905078	-553603	L 3	47269	L	10610	FO	93031219	193500	000007	X00	G C-1.5X,B-13
H0AL HR	3626	44	06.40	0905507	+264958	L 1	25052	L	09549	FO	93030408	080149	000045	500	V 349,SO;4549,FO; EXPO
H0AL HR	3626	44	06.38	0905507	+264958	L 1	25053	L	09662	FO	93030408	084254	000100	500	V FESECK:349,SO;
H0AL HR	3626	44	06.38	0905507	+264958	L 1	25054	L	09717	FO	93030409	091759	000130	600	V FESECK:349,SO;
H0AL HD	3626	44	06.36	0905507	+264958	L 1	25055	L	09860	FO	93030409	095823	000300	600	V FESECK:349,SO;
H0AL HR	3626	44	06.34	0905507	+264958	L 1	25056	L	09973	FO	93030410	103158	000045	500	V FESECK:349,FO;
OCOM HD	79694	22	5.840	0912173	-435617	H 3	46931	L	12043	FO	93021318	183300	000715	502	G C-196,B-35
H0AL WAVECAL		98		0912284	+150900	L 1	25453	S	0		93050119	194300	000001	?1	G B-10X,B-24
H0AL TIFLOOD		99		0912284	+150900	L 1	25454	S	0		93050120	201400	000025	09	G B-102
H0AL WAVECAL		98		0912284	+150900	H 1	25455	S	0		93050120	204500	000016	32	G B-60K,B-38
H0AL WAVECAL		98		0912284	+150900	L 3	47582	S	0		93050120	205800	000002	?0	G B-10K,B-15
H0AL TIFLOOD		99		0912284	+150900	L 3	47583	S	0		93050121	212500	000005	08	G B-100
H0AL WAVECAL		98		0912284	+150900	H 3	47584	S	0		93050121	215900	000200	31	G B-60K,B-25
H0AL HD	00080007	32	1.670	0912396	-693040	H 1	25643	L	3626	FU	93053119	195900	000023	502	G C-213,B-40
H0AL HD	00080007	32	1.670	0912396	-693040	H 3	47782	L	3619	FU	93053120	200500	000051	502	G C-193,B-31
SPOW HD	79940	41	4.620	0913449	-371214	L 1	24744	L	437	FU	93011622	221000	000052	501	G C-220,B-30
RQ094	IRAS 0914-	84	13.60	0914591	-620654	L 1	24856	L	00000	BD	93020605	052540	012000	451	V FESECK:7942,FO;FESEC
RQ094	SKY	84	13.60	0914591	-620654	L 1	24857	L	00000	BD	93020608	082627	012000	301	V FESECK:7942,FO; ,SERE
RQ094	IRAS0914-6	84	13.60	0914591	-620654	L 3	46891	L	00000	BD	93020607	073122	024000	341	V
H0AL ED	+48 1777	16	10.80	0927221	+482911	L 1	24859	L	260	FO	93020700	000000	000000	402	G C-165,B-33

HR0	Object	CL	MAG	R.A.	DEC	D C Image A	FES	MD	Obs. date	Exptim	mmmsstt	ECC	Comment
HICAL HD	+48 1777	16	10.80	0927221	+482911	L 3 46893 L	262	FO	93020623	235300	000050	500	G C-180,B-15
SPOOW HD	82434	40	3.600	0928437	-401449	L 1 24745 L	1000	FU	93011623	234200	000013	502	G C-221,B-32
SPOOW HD	82434	40	3.600	0928437	-401449	L 3 46743 L	999	FU	93011623	235800	000210	501	G C-242,B-23
HICAL WAVECAL		98		0938001	+692800	L 1 25272 S	0		93040517	174900	000001	?	G E-10X,B-26
HICAL T-FLOOD		99		0938001	+692800	L 1 25273 S	0		93040518	181800	000025	08	G B-99
HICAL WAVECAL		98		0938001	+692800	H 1 25274 S	0		93040518	184800	000016	32	G E-60X,B-32
HICAL WAVECAL		98		0938001	+692800	L 3 47424 S	0		93040518	185200	000002	?	G E-10X,B-15
HICAL T-FLOOD		99		0938001	+692800	L 3 47425 S	0		93040519	191600	000005	09	G B-107
HICAL WAVECAL		98		0938001	+692800	H 3 47426 S	0		93040520	200100	000200	32	G E-60X,B-31
CVCL R LED+HD		49	6.600	0944522	+113942	H 1 24684 L	4806	FO	93010815	153400	006000	44	G E-200,B-54
CVCL HD	84748	49	6.600	0944522	+113942	L 1 24685 L	5141	FO	93010817	170800	000500	352	G E-210,C-64,B-34
CVCL HD	84748	49	6.600	0944522	+113942	H 1 24688 L	4722	FO	93010821	212100	006000	33	G E-137,B-42
CVCL HD	84748	49	6.800	0944522	+113942	L 1 25276 L	3768	FO	93040609	094200	006000	3X3	G E-2X,C-70,B-45
CVCL HD	84748	49	6.800	0944522	+113942	H 1 25280 L	3583	FO	93040615	152400	018000	46	G E-192,B-76
CVCL HD	84748	49	6.800	0944522	+113942	L 1 25281 L	3725	FO	93040618	185800	003000	3X4	G E-2X,C-77,B-55
CVCL HD	84748	49	6.800	0944522	+113942	L 1 25282 L	3827	FO	93040620	200200	001500	243	G E-190,C-64,B-47
CVCL HD	84748	49	7.200	0944522	+113940	H 1 25431 L	4066	FO	93042812	121100	018000	56	G E-248,B-74
CVCL HD	84748	49	7.200	0944522	+113942	L 1 25432 L	3651	FO	93042816	163100	006000	3X7	G E-2.5X,C-127,B-86
CVCL HD	84748	49	7.200	0944522	+113942	L 1 25433 L	4219	FO	93042818	180900	002000	46	G E-212,B-71
CVCL HD	84748	49	7.200	0944522	+113942	L 1 25434 L	3868	FO	93042819	190300	002000	46	G E-201,B-71
CVCL HD	84748	49	7.200	0944522	+113942	L 1 25435 L	4232	FO	93042819	195700	003000	55	G E-239,B-62
HEICO SN IN MR1		56	11.00	0951172	+691523	L 3 47385 L	00000	EO	93033005	051127	001000	500	V FESECK:14000,FO;
HEICO SN IN MR1		56	11.00	0951172	+691523	H 1 25238 L	00000	EO	93033006	061340	008000	301	V FESECK:14000,FO; (3SE
HEICO SN IN MR1		56	11.00	0951172	+691523	L 1 25237 L	00000	EO	93033004	045930	000500	501	V FESECK:14000,FO;
HEICO SN 1993 J		56	11.00	0951173	+691524	L 1 25242 L	00000	EO	93033104	044624	001000	601	V FESECK:10760,FO;
HEICO SN 1993 J		56	11.00	0951173	+691524	L 1 25243 L	00000	EO	93033106	062732	000500	500	V FESECK:10760,FO;
HEICO SN 1993 J		56	11.00	0951173	+691524	L 3 47393 L	00000	EO	93033104	041604	002000	430	V FESECK:10760,FO;
HEICO SN 1993 J		56	11.00	0951173	+691524	E 9 02705 2	00000	EO	93033103	031500	016000		V FESECK:10760,FO;
HICAL SKY		07	99.99	0951173	+691524	L 1 25244 L	00000		93033107	072511	012000	301	V FESECK:10769,FO;
HEICO SN1993J		56	12.00	0951191	+691526	E 9 02707 2	00000	EO	93040405	052000	016000		V FOR SWP47415
HEICO SN1993J		56	12.00	0951191	+691526	E 9 02708 2	00000	EO	93040508	081000	014000		V FOR SWP47423
HEICO SN 1993J		56	11.20	0951192	+691527	L 1 25249 L	00000	EO	93040102	023629	001000	500	V FESECK:11686,FO;
SNCRK SN 1993J		56	11.00	0951192	+691525	L 1 25239 L	1299	FO	93033012	125900	000430	502	G C-232,B-34
HEICO SN 1993J		56	11.20	0951192	+691527	L 3 47398 L	00000	EO	93040102	025351	004000	300	V FESECK:11686,FO;
SNCRK SN 1993J		56	1.000	0951192	+691525	L 1 25254 L	0		93040210	100100	001000		G
HEICO SN 1993J		56	11.20	0951192	+691527	H 1 25250 L	00000	EO	93040103	034124	024000	302	V FESECK:11686,FO;
SNCRK SN 1993J		56	1.000	0951192	+691525	L 1 25254 S	0		93040210	101600	001000		G
HEICO SN 1993J		56	11.20	0951192	+691527	L 3 47399 L	00000	EO	93040107	074928	006000	400	V FESECK:11686,FO;
CB9Z SKY BKGD		07		0951192	+691526	L 1 25312 L	0		93041012	121200	008000	303	G C-85,B-46
HEICO SN1993J		56	10.00	0951192	+691527	L 1 25292 L	00000	EO	93040804	041418	004000	300	V FESECK:13996,FO;
CB9Z SN 1993J		56	12.00	0951192	+691525	L 1 25313 L	0	EO	93041015	154800	006000	403	G C-184,B-42
HEICO SN1993J		56	10.00	0951192	+691527	L 1 25291 L	00000	EO	93040802	022818	007000	400	V FESECK:13996,FO;
CB9Z SKY BKGD		07		0951192	+691525	L 1 25345 L	0		93041410	105800	006000	303	G C-78,B-44
HEICO SN1993J		56	10.00	0951192	+691527	E 9 02709 2	00000	EO	93041001	013000	016000		V FOR SWP47453
CB9Z SKY BKGD		07		0951192	+691525	L 1 25346 L	0		93041412	125100	014000	304	G C-131,B-60
HEICO SN1993J		56	11.00	0951192	+691527	E 9 02710 2	00000	EO	93041406	060000	016000		V FES FOR SWP47482
CB9Z SN 1993J		56	11.00	0951192	+691525	L 1 25347 L	0	EO	93041415	154800	006000	403	G C-190,B-45
HEICO SN 1993J		56	11.80	0951192	+691527	E 9 02706 2	00000	EO	93040307	070000	016000		V FOR SWP47412
CB9Z SKYBKGD		07		0951192	+691526	L 1 25387 L	0	EO	93042209	095700	030000	409	G C-208,B-105
HEICO SN1993J		56	12.00	0951192	+691527	L 1 25264 L	00000	EO	93040403	030227	005000	501	V FESECK:19602,FO; NO



HO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs. date	Exptim	mmstt	EC	Comment
SNRK SN	1993J	56	11.60	0951192	+691525	L 3	25448 L	0	BD	93043017	172300	010000	404 G	C-183, B-55
SNRK SN	1993J	56	12.00	0951192	+691525	L 3	25482 L	0	BD	93050620	202300	011700	404 G	C-173, B-52
SNRK SN	1993J	56	11.00	0951192	+691525	H 3	47386 L	1306	FO	93033011	112100	032000	502 G	C-210, B-35
SNRK SN	1993J	56	10.40	0951192	+691525	L 3	47388 L	1220	FO	93033017	175400	001000	330 G	B-82, C-116, B-20
SNRK SN	1993J	56	10.40	0951192	+691525	L 3	47389 L	1207	FO	93033018	183500	002000	500 G	C-192, B-19
SNRK SN	1993J	56	10.00	0951192	+691526	L 3	47403 L	0	BD	93040122	221600	009000	331 G	B-50, C-110, B-28
CD89Z SN	1993J	56	11.00	0951192	+691525	L 3	47415 L	0	BD	93040404	043500	058000	436 G	B-123, C-210, B-79
CD89Z SN	1993J	56	11.70	0951192	+691525	L 3	47423 L	0	BD	93040509	095300	042500	327 G	B-93, C-164, B-81
CD89Z SN	1993J	56	12.00	0951192	+691525	L 3	47453 L	0	BD	93041002	023100	061500	329 G	B-105, C-180, B-105
CD89Z SN	1993J	56	11.10	0951192	+691525	L 3	47482 L	0	BD	93041406	064400	043000	307 G	C-128, B-85
CD89Z SN	1993J	56	11.00	0951192	+691526	L 3	47525 L	0	FO	93042203	031500	067500	309 G	C-199, B-135
HECO SN	1993J	56	11.00	0951193	+691526	L 1	25375 L	00000	BD	93042003	030350	006000	402 V	FESCK:15733, FO
SNRK SN	1993J	56	10.00	0951193	+691526	L 1	25245 L	805	FO	93033114	140200	000800	502 G	C-230, B-32
HCPAL SKY		07	99.99	0951193	+691526	L 1	25551 L	00000		93051801	010914	012000	400 V	FESCK:14085, F/C;
SNRK SN	1993J	56	10.70	0951193	+691526	L 1	25262 L	780	FO	93040315	155700	005200	X03 G	C-1.5X, B-42
SNRK SN	1993J	56	12.00	0951193	+691525	L 1	25287 L	0	BD	93040709	095900	008000	503 G	C-220, B-50
CD89Z SN	1993J	56	12.40	0951193	+691525	L 1	25552 L	0	BD	93051812	123800	007500	304 G	C-143, B-55
SNRK SN	1993J	56	10.00	0951193	+691526	H 3	47394 L	183	FO	93033105	054300	065500	409 G	C-235, B-127
SNRK SN	1993J	56	10.00	0951193	+691526	L 3	47395 L	809	FO	93033117	173800	003000	430 G	B-59, C-124, B-17
SNRK SN	1993J	56	10.00	0951193	+691526	L 3	47405 L	0	BD	93040210	103600	032000	435 G	B-149, C-210, B-61
SNRK SN	1993J	56	10.00	0951193	+691526	L 3	47412 L	0	BD	93040306	063800	054500	X38 G	B-167, C-1.5X, B-99
CD89Z SN	1993J	56	12.40	0951193	+691526	L 3	47688 L	0		93051800	003700	052500	308 G	C-119, B-95
CD89Z SKY	HKCD	07		0951286	+691607	L 1	25271 L	0		93040512	125200	015000	304 G	C-110, B-52
IBOSS HE3-365		26	8.900	1002498	-582514	H 1	24888 L	1537	FO	93021021	210100	014000	X39 G	B-254, C-1.5X, B-180
IBOSS HE3-365		26	8.900	1002498	-582514	L 1	24890 L	1528	FO	93021104	040500	000400	502 G	C-216, B-34
IBOSS HE3-365		26	8.900	1002498	-582514	L 3	46913 L	1893	FO	93021101	014000	003000	500 G	C-198, B-19
ENOSH NEC	3132	70	10.20	1004551	-401129	L 3	46728 L	1358	FO	93011422	223600	003000	341 G	B-126, C-105, B-22
FEOJB S	OPR	53	5.700	1007455	-611809	H 1	24979 L	20402	FO	93022113	135300	018000	335 G	B-148, C-115, B-70
FEOJB S	OPR	53	5.700	1007455	-611809	H 1	24980 L	20817	FO	93022117	173500	023500	336 G	B-161, C-124, B-79
FEOJB S	OPR	53	5.700	1007455	-611809	H 1	24981 L	16426	FO	93022122	221900	015000	39 G	B-196, B-157
FEOJB HD	88366	53	5.700	1007455	-611809	H 1	25089 L	6137	FO	93031411	115400	019000	336 G	B-140, C-135, B-76
FEOJB HD	88366	53	7.000	1007455	-611809	H 1	25090 L	5968	FO	93031415	154000	019000	336 G	B-162, C-112, B-75
FEOJB HD	88366	53	5.700	1007455	-611809	H 1	25307 L	2638	FO	93040915	150100	014000	36 G	B-129, B-77
FEOJB HD	88366	53	6.500	1007455	-611809	H 1	25377 L	2372	FO	93042009	095400	023000	36 G	B-152, B-73
FEOJB HD	88366	53	6.500	1007455	-611809	H 1	25378 L	2445	FO	93042014	141600	026000	X9 G	B-1.5X, B-116
FEOJB HD	88366	53	6.500	1007455	-611809	H 1	25379 L	2471	FO	93042019	191100	010500	39 G	B-159, B-124
FEOJB HD	88366	53	7.000	1007455	-611809	H 1	25518 L	5825	FO	93051208	080000	025000	39 G	B-141, B-106
FEOJB HD	88366	53	7.000	1007455	-611809	H 1	25519 L	5837	FO	93051212	124300	021000	339 G	B-168, C-170, B-120
FEOJB S	OPR	53	7.000	1007455	-611809	H 1	25671 L	6895	FO	93060305	055100	017500	304 G	C-100, B-58
FEOJB HD	88366	48	7.000	1007455	-611809	H 1	25672 L	6613	FO	93060309	093100	017000	35 G	B-88, B-62
FEOJB HD	88366	53	7.000	1007455	-611809	L 3	47657 L	4000	FO	93051216	164200	004500	09 G	B-131
FEOJB HD	88366	53	5.700	1007465	-611809	H 1	25306 L	2602	FO	93040911	110300	020000	336 G	B-128, C-120, B-73
HE117 NEC	3156	81	13.00	1010050	+032237	L 3	47856 L	0	BD	93061222	220900	087000	309 G	C-174, B-130
HE117 NEC	3156	81	12.00	1010058	+032237	E 9	02717 2	00000	BD	93061221	212500	016000		V FES FOR SWP47856
HCPAL SKY		07	99.99	1010058	+032237	H 1	25729 L	00000		93061222	224228	033000	111 V	FESCK:11479, FO, SKY
FOUS RG	1011-040	85	15.50	1011492	-040343	L 3	46727 L	0	BD	93011414	143200	041500	4X5 G	B-2K, C-200, B-70
USBS HD	89025	40	3.440	1013547	+234001	H 1	24658 L	913	FO	93010402	025400	000330	503 G	C-207, B-41
HCOB RE1016-5	37	37	14.50	1013576	-050535	H 3	47721 L	0	BD	93052408	081000	034500	306 G	C-154, B-75
USBS HD	89021	30	3.400	1014054	+430953	H 3	47322 L	984	FU	93032002	024500	000417	502 G	C-196, B-34
CCAB HD	89388	47	3.400	1015246	-610455	H 1	25633 L	1110	FU	93053020	202400	001500	342 G	B-155, C-74, B-35

RO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmstt	EQC	Comment
CCOAB HD	89388	47	3.400	1015246	-610455	H 1	25634 L	1113	FU	93053021	211000	004500	3X3	G E-2X, C-102, B-43
LEOBS HR CAP	26	9.200	1021070	-592216	L 1	24723	L	2033	FO	93011222	223600	000700	X02	G C-2X, B-33
LEOBS HR CAP	26	9.200	1021070	-592216	L 3	46717	L	1983	FO	93011221	213100	006000	401	G C-152, B-24
ENCFB NGC	3242	71	9.400	1022203	-182327	L 3	46924 L	0	EO	93021217	174400	018500	574	G E-10X, C-242, B-60
ENCFB NGC	3242	71	9.400	1022207	-182319	L 1	24898 L	0	EO	93021214	143700	002500	552	G E-251, C-210, B-39
ENCFB NGC	3242	71	9.400	1022207	-182319	L 3	46922 L	0	EO	93021215	151300	002000	3X0	G E-4X, C-98, B-17
ENCFB NGC	3242	71	9.400	1022214	-182332	L 1	24861 L	0	EO	93020712	124900	002000	352	G E-212, C-137, B-39
ENCFB NGC	3242	71	9.400	1022214	-182332	L 3	46921 L	0	EO	93021214	141100	001000	3X0	G E-1.5X, C-47, B-15
ENCFB NGC	3242	71	9.400	1022219	-182324	L 1	24899 L	0	EO	93021216	161200	002000	352	G E-233, C-128, B-39
ENCFB NGC	3242	71	9.400	1022219	-182324	L 3	46923 L	0	EO	93021216	164600	001500	3X0	G E-4X, C-107, B-19
TBOIS HD	90277	40	4.740	1023032	+340305	L 3	46684 L	336	FU	93010806	062900	000320	501	G C-213, B-25
USSES HD	90839	41	4.800	1027255	+561414	L 3	46817 L	23675	FO	93012400	004200	001500	500	G C-195, B-16
USSES HD	90839	41	4.800	1027265	+561416	H 1	24792 L	22380	FO	93012602	020700	001500	X33	G E-100, C-1.5X, B-41
FCL77 HD91793	50	05.41	1032594	-391813	L 1	25402	L	20020	FO	93042406	062809	014000	111	V FESECK:173, FO;
OFOIM HD	92536	22	6.400	1037368	-635103	L 1	24770 L	15955	FO	93012223	234800	000008	502	G C-195, B-32
OFOIM HD	92536	22	6.400	1037368	-635103	L 3	46812 L	15483	FO	93012223	231200	000008	300	G C-96, B-15
OFOIM HD	92536	22	6.400	1037368	-635103	L 3	46813 L	15891	FO	93012300	002400	000016	500	G C-179, B-16
OFOIM HD	92664	36	5.800	1038270	-645021	L 1	24768 L	20935	FO	93012220	203600	000008	X02	G C-2X, B-33
OFOIM HD	92664	36	5.800	1038270	-645021	L 1	24769 L	21798	FO	93012222	221100	000003	X02	G C-1.5X, B-32
OFOIM HD	92664	36	5.800	1038270	-645021	L 3	46810 L	20915	FO	93012220	203000	000012	X00	G C-3X, B-15
OFOIM HD	92664	36	5.800	1038270	-645021	L 3	46811 L	21382	FO	93012221	213800	000004	500	G C-173, B-16
WNCF HD	93131	11	6.500	1041566	-595118	H 3	46792 L	11340	FO	93012119	193600	000440	452	G E-192, C-141, B-31
FA027 HD93131	11	06.86	1041567	-595118	H 3	46775 L	06421 L	06421	FO	93012108	085122	000440	450	V FESECK:4996, FO;
WNCF HD	93131	11	6.450	1041567	-595118	H 3	46780 L	11556	FO	93012112	121100	000440	451	G E-195, C-170, B-30
FA027 HD93131	11	06.84	1041567	-595118	H 3	46776 L	06561 L	06561	FO	93012109	092805	000440	450	V FESECK:4996, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46781 L	11337	FO	93012112	125500	000440	452	G E-206, C-180, B-31
FA027 HD93131	11	06.82	1041567	-595118	H 3	46777 L	06650 L	06650	FO	93012110	100248	000400	450	V FESECK:4996, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46782 L	11320	FO	93012113	133200	000440	452	G E-200, C-180, B-32
FA027 HD93131	11	06.78	1041567	-595118	H 3	46778 L	06905 L	06905	FO	93012110	105044	000440	450	V FESECK:4996, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46783 L	11355	FO	93012114	140900	000440	452	G E-196, C-170, B-31
FA027 HD93131	11	06.83	1041567	-595118	H 3	46779 L	06607 L	06607	FO	93012111	112307	000440	450	V FESECK:4996, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46784 L	11308	FO	93012114	144500	000440	452	G E-192, C-180, B-37
FA027 HD93131	11	06.73	1041567	-595118	H 3	46794 L	07181 L	07181	FO	93012205	055523	000440		V FESECK:8149, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46785 L	11299	FO	93012115	152200	000440	452	G E-203, C-180, B-31
FA027 HD93131	11	07.03	1041567	-595118	H 3	46795 L	05576 L	05576	FO	93012207	071940	000440	450	V FESECK:8149, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46786 L	11329	FO	93012116	160200	000440	351	G E-197, C-80, B-30
FA027 HD93131	11	06.99	1041567	-595118	H 3	46796 L	05736 L	05736	FO	93012207	075427	000440	350	V FESECK:8149, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46787 L	11214	FO	93012116	164000	000440	452	G E-216, C-170, B-32
FA027 HD93131	11	07.02	1041567	-595118	H 3	46797 L	05632 L	05632	FO	93012208	082619	000440	450	V FESECK:8149, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46788 L	11242	FO	93012117	171600	000440	452	G E-190, C-170, B-31
FA027 HD93131	11	07.03	1041567	-595118	H 3	46798 L	05556 L	05556	FO	93012209	090628	000440	450	V FESECK:8149, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46789 L	11128	FO	93012117	175100	000440	452	G E-204, C-180, B-32
FA027 HD93131	11	07.09	1041567	-595118	H 3	46800 L	05274 L	05274	FO	93012210	102446	000440	450	V FESECK:8149, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46790 L	11188	FO	93012118	182500	000440	452	G E-203, C-170, B-32
FA027 HD93131	11	07.06	1041567	-595118	H 3	46801 L	05431 L	05431	FO	93012211	110449	000440	450	V FESECK:8149, FO;
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46791 L	11225	FO	93012119	190200	000440	452	G E-201, C-180, B-31
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46802 L	14185	FO	93012214	145700	000440	452	G E-196, C-180, B-32
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46803 L	13959	FO	93012215	153800	000440	452	G E-203, C-170, B-31
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46804 L	13843	FO	93012216	161800	000440	452	G E-203, C-180, B-31
WNCF HD	93131	11	6.500	1041567	-595118	H 3	46805 L	13971	FO	93012216	165600	000440	452	G E-200, C-170, B-32

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mm	mm	sec	ECC	Comment
WNOFC HD	93131	11	6.500	1041567	-595118	H 3	46306 L	14058	FO	93012217	173700	000440			452 G	E-196, C-180, B-32
OK95K HD	93131	11	6.500	1041567	-595118	H 3	46307 L	13803	FO	93012218	181600	000440			452 G	E-200, C-170, B-33
OK95K HD	93131	11	6.500	1041567	-595118	H 3	46308 L	13688	FO	93012218	185500	000440			452 G	E-196, C-170, B-32
WNOFC HD	93131	11	6.500	1041567	-595118	H 3	46309 L	13684	FO	93012219	193400	000440			452 G	E-211, C-144, B-31
UCDW HD	93206	13	6.240	1042270	-594349	L 1	25076 L	8385	FO	93031221	212900	000007			X01 G	C-1.5X, B-30
UCDW HD	93206	13	6.240	1042270	-594349	L 1	25077 L	8585	FO	93031222	222700	000025			X02 G	C-5X, B-31
UCDW HD	93206	13	6.240	1042270	-594349	L 3	47270 L	7919	FO	93031221	213400	000012			500 G	C-200, B-14
CECDG HD	93403	12	7.280	1043467	-590839	H 3	47534 L	4515	FO	93042318	180800	006500			X09 G	C-2.0X, B-108
CECDG HD	93403	12	7.280	1043467	-590839	H 3	47538 L	3162	FO	93042400	001400	003500			402 G	C-163, B-37
QFOIM HD	93549	22	5.300	1044400	-635958	L 1	24964 L	23172	FO	93021904	043300	000003			501 G	C-244, B-29
QFOIM HD	93549	22	5.300	1044400	-635958	L 3	46992 L	23096	FO	93021904	042600	000007			500 G	C-242, B-14
EHCAL HD	00093521	12	7.040	1045336	+375004	L 1	24659 L	4789	FO	93010404	040400	000003			502 G	C-225, B-32
EHCAL HD	93521	12	7.040	1045336	+275004	L 1	24673 L	5227	FO	93010622	220100	000003			402 G	C-175, B-32
EHCAL HD	00093521	12	7.040	1045336	+375004	L 1	24674 L	5373	FO	93010623	231000	000003			502 G	C-189, B-31
EHCAL HD	00093521	12	7.040	1045336	+375004	L 1	24675 L	5192	FO	93010623	235000	000003			502 G	C-189, B-33
EHCAL HD	93521	12	7.040	1045336	-375004	L 1	24676 L	5159	FO	93010700	003300	000006			501 G	C-190, B-30
EHCAL HD	00093521	12	7.040	1045336	+375004	H 1	24724 L	4782	FO	93011223	234700	000003			01 G	B-30
EHCAL HD	00093521	12	7.040	1045336	+375004	L 1	24725 L	4830	FO	93011300	002700	000003			502 G	C-202, B-33
EHCAL HD	00093521	12	7.040	1045336	+375004	L 1	24726 L	4866	FO	93011301	010500	000003			502 G	C-231, B-33
EHCAL HD	00093521	12	7.040	1045336	+375004	L 1	25197 L	5253	FO	93052515	152000	000003			502 G	C-214, B-32
EHCAL HD	00093521	12	7.040	1045336	+375004	L 1	25198 L	5000	FO	93052516	163100	000011			402 G	C-177, B-39
EHCAL HD	00093521	12	7.040	1045336	+375004	H 1	25619 L	4927	FO	93052814	140700	000350			403 G	C-190, B-42
EHCAL HD	93521	12	7.040	1045336	+375004	L 1	25731 L	4750	FO	93061318	184500	000003			502 G	C-210, B-32
EHCAL HD	00093521	12	7.040	1045336	+375004	L 3	46655 L	4797	FO	93010403	035800	000003			500 G	C-187, B-15
EHCAL HD	00093521	12	7.040	1045336	+375004	L 3	46668 L	5050	FO	93010700	004500	000003			500 G	C-174, B-12
EHCAL HD	00093521	12	7.040	1045336	+375004	L 3	46669 L	5290	FO	93010701	011500	000003			500 G	C-165, B-13
EHCAL HD	00093521	12	7.040	1045336	+375004	L 3	46670 L	5153	FO	93010701	014400	000003			500 G	C-166, B-12
EHCAL HD	93521	12	7.040	1045336	-375004	L 3	46671 L	5148	FO	93010702	021500	000006			500 G	C-181, B-13
EHCAL HD	00093521	12	7.040	1045336	+375004	L 3	47732 L	5255	FO	93052515	152600	000003			400 G	C-161, B-12
EHCAL HD	00093521	12	7.040	1045336	+375004	L 3	47733 L	5089	FO	93052516	164500	000012			500 G	C-183, B-17
EHCAL HD	00093521	12	7.040	1045336	+375004	H 3	47764 L	4920	FO	93052814	141600	000430			401 G	C-159, B-30
EHCAL HD	93521	12	7.040	1045336	+375004	L 3	47859 L	4754	FO	93061318	184000	000003			500 G	C-181, B-15
RQ078 NGC3393	84	08.80	1045595	-245352	L 3	46895 L		00000	EO	93020705	055546	035000			251 V	FESBCK:361, SO;
QROP 1047+551	85	17.70	1047431	+550313	L 3	47590 L		0	EO	93050208	081000	031500			305 G	C-103, B-62
ICEDW HD	94414	20	8.000	1049489	-765131	L 1	25822 L	1876	FO	93062913	135200	001500			X03 G	C-6X, B-46
ICEDW HD	94414	20	8.000	1049489	-765131	L 3	47598 S	1891	FO	93062914	141300	000730			500 G	C-175, B-15
IMDJC HD	94493	23	7.230	1051161	-603254	L 1	25413 L	4834	FO	93042522	224400	000017			302 G	C-128, B-33
IMDJC HD	94493	23	7.230	1051161	-603254	L 1	25413 L	4872	FO	93042522	225300	000106			X02 G	C-3X, B-33
IMDJC HD	94493	23	7.230	1051161	-603254	L 1	25420 L	4819	FO	93042700	004000	000012			502 G	C-235, B-33
IMDJC HD	94493	23	7.230	1051161	-603254	L 3	47548 L	4879	FO	93042523	231300	000057			400 G	C-154, B-15
IMDJC HD	94493	23	7.230	1051161	-603254	L 3	47571 L	4042	FO	93043000	002000	000124			500 G	C-210, B-15
BA172 HD94910	23	07.39	1054105	-601111	H 1	25506 L		00000	EO	93051004	043446	004500			600 V	FESBCK:7285, FO;
BA172 HD94910	23	07.25	1054105	-601111	L 3	47636 L		00000	EO	93051004	040048	000400			500 V	FESBCK:7285, FO;
IBOSS AG CAP	26	7.200	1054106	-601111	H 1	24874 L		5982	FO	93020917	172600	003000			503 G	C-247, B-48
IBOSS AG CAP	27	7.200	1054106	-601111	L 1	24987 L		6415	FO	93022300	004900	000030			502 G	C-244, B-35
IBOSS AG CAP	27	7.200	1054106	-601111	L 1	24987 S		0		93022300	005900	000300			302 G	C-64, B-35
IBOSS AG CAP	27	7.200	1054106	-601111	L 1	25091 L		6932	FO	93031421	213200	000100			X02 G	C-1.5X, B-35
IBOSS AG CAP	26	7.200	1054106	-601111	H 3	46909 L		5935	FO	93020918	180800	010000			403 G	C-160, B-46
IBOSS AG CAP	27	7.200	1054106	-601111	L 3	47025 L		6486	FO	93022301	011100	000400			500 G	C-220, B-16
IBOSS AG CAP	27	7.200	1054106	-601111	L 3	47277 L		6932	FO	93031421	213700	000400			500 G	C-213, B-16



PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsst	ECC	Comment
PA172 HD94910 NE		73	15.00	1054122	-601100	L 3	47637 L	00000	EO	93051005	052516	008200		200 V FESECK:7285,FO;
TBOIS HD	95310	40	5.080	1058026	+392852	L 3	46683 L	21642	FO	93010805	053400	000400		501 G C-185,B-23
USSES HD	95689	47	1.800	1100396	+620117	H 3	46638 L	7786	FU	93010105	055500	005000		502 G C-210,B-39
HCAL SKY FICD		07		1100526	-224944	L 1	24742 L	0		93011613	132200	035000		309 G C-171,B-114
SXMM NEC	3511	84	11.60	1100570	-224900	L 3	46741 L	0	EO	93011613	130000	031000		305 G C-105,B-70
BECKH NEC	3516	84	12.40	1101228	+725020	L 3	47381 L	0	EO	93032815	150400	017500		442 G E-168,C-160,B-35
PI098 ANLM		59	16.00	1101356	+451926	L 3	47008 L	00000	EO	93022011	111447	009300		221 V FESECK:243,FO;
RQ104 MN421		87	14.00	1101405	+382842	L 1	25103 L	00000	EO	93031609	092515	002500		300 V FESECK:112,FO;
BEORE MN421		87	15.00	1101405	+382843	L 1	25117 L	0	EO	93031710	102800	002500		302 G C-95,B-39
RQ104 MN 421		87	14.00	1101405	+382842	L 1	25129 L	00000	EO	93031807	070442	002500		300 V FESECK: 195 F.O.
BEORE MN421		87	15.00	1101405	+382843	L 1	25118 L	0	EO	93031714	140200	002500		302 G C-88,B-39
RQ104 MN 421		87	14.00	1101405	+382842	L 1	25143 L	00000	EO	93031906	065345	002500		301 V FESECK:227,FO;
BEORE MN421		87	15.00	1101405	+382843	L 1	25120 L	0	EO	93031717	171600	002500		302 G C-97,B-38
BEORE MN421		87	15.00	1101405	+382843	L 1	25122 L	0	EO	93031720	203700	002500		307 G C-142,B-88
BEORE MN421		87	15.00	1101405	+382843	L 1	25123 L	0	EO	93031721	215100	002500		308 G C-159,B-97
BEORE MN421		87	15.00	1101405	+382843	L 1	25124 L	0	EO	93031722	225400	002500		303 G C-104,B-44
BEORE MN421		87	15.00	1101405	+382843	L 1	25125 L	0	EO	93031800	000500	002500		302 G C-90,B-36
BEORE MN421		87	15.00	1101405	+382843	L 1	25131 L	0	EO	93031811	110500	002500		303 G C-104,B-47
BEORE MN421		87	15.00	1101405	+382843	L 1	25132 L	0	EO	93031813	135700	002500		303 G C-99,B-43
BEORE MN421		87	15.00	1101405	+382843	L 1	25134 L	0	EO	93031817	172200	002500		302 G C-98,B-40
BEORE MN421		87	15.00	1101405	+382843	L 1	25136 L	0	EO	93031820	205500	002500		309 G C-185,B-135
BEORE MN421		87	15.00	1101405	+382843	L 1	25137 L	0	EO	93031821	215700	002500		309 G C-206,B-151
BEORE MN421		87	15.00	1101405	+382843	L 1	25138 L	0	EO	93031823	230000	002500		306 G C-131,B-74
BEORE MN421		87	15.00	1101405	+382843	L 1	25139 L	0	EO	93031900	000400	002500		302 G C-98,B-38
BEORE MN421		87	15.00	1101405	+382843	L 1	25146 L	239	FO	93031911	113400	002500		304 G C-105,B-51
BEORE MN421		87	15.00	1101405	+382843	L 1	25147 L	0	EO	93031912	125100	002500		G c-97,b-46
BEORE MN421		87	15.00	1101405	+382843	L 1	25148 L	0		93031914	140400	002500		303 G C-96,B-41
BEORE MN421		87	15.00	1101405	+382843	L 1	25150 L	0	EO	93031917	171800	002500		302 G C-104,B-37
BEORE MN421		87	15.00	1101405	+382843	L 1	25152 L	0	EO	93031920	203400	002500		309 G C-185,B-123
BEORE MN421		87	15.00	1101405	+382843	L 1	25153 L	0	EO	93031921	213700	002500		309 G C-214,B-155
BEORE MN421		87	15.00	1101405	+382843	L 1	25154 L	0	EO	93031922	224700	002500		306 G C-144,B-79
BEORE MN421		87	15.00	1101405	+382843	L 1	25155 L	0	EO	93031923	235800	002500		302 G C-94,B-37
BEORE MN421		87	15.00	1101405	+382843	L 3	47295 L	0	EO	93031711	110100	002000		300 G C-41,B-18
BEORE MN421		87	15.00	1101405	+382843	L 3	47296 L	0	EO	93031714	143000	002000		200 G C-32,B-16
BEORE MN421		87	15.00	1101405	+382843	L 3	47297 L	0	EO	93031717	174600	002000		300 G C-45,B-17
BEORE MN421		87	15.00	1101405	+382843	L 3	47298 L	0	EO	93031721	210500	002000		304 G C-83,B-52
BEORE MN421		87	15.00	1101405	+382843	L 3	47299 L	0	EO	93031722	222000	002000		302 G C-67,B-40
BEORE MN421		87	15.00	1101405	+382843	L 3	47300 L	0	EO	93031723	233000	002000		300 G C-46,B-16
BEORE MN421		87	15.00	1101405	+382843	L 3	47301 L	0	EO	93031800	003400	002000		300 G C-45,B-16
BEORE MN421		87	15.00	1101405	+382843	L 3	47304 L	198	FO	93031810	102300	002500		300 G C-49,B-20
BEORE MN421		87	15.00	1101405	+382843	L 3	47306 L	0	EO	93031814	142800	002000		300 G C-42,B-19
BEORE MN421		87	15.00	1101405	+382843	L 3	47307 L	0	EO	93031817	175300	002000		300 G C-47,B-18
BEORE MN421		87	15.00	1101405	+382843	L 3	47308 L	0	EO	93031821	212400	002000		306 G C-112,B-80
BEORE MN421		87	15.00	1101405	+382843	L 3	47309 L	0	EO	93031822	222900	002000		304 G C-80,B-52
BEORE MN421		87	15.00	1101405	+382843	L 3	47310 L	0	EO	93031823	233000	002000		301 G C-50,B-25
BEORE MN421		87	15.00	1101405	+382843	L 3	47311 L	0	EO	93031900	003100	002000		300 G C-47,B-18
BEORE MN421		87	15.00	1101405	+382843	L 3	47314 L	207	FO	93031910	104400	002000		300 G C-45,B-16
BEORE MN421		87	15.00	1101405	+382843	L 3	47315 L	0	EO	93031912	121500	002000		300 G C-49,B-20
BEORE MN421		87	15.00	1101405	+382843	L 3	47316 L	0	EO	93031913	132400	002000		300 G C-52,B-19
BEORE MN421		87	15.00	1101405	+382843	L 3	47317 L	0	EO	93031917	175100	002000		300 G C-44,B-18

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmssstt	EQ	Comment
HCORE	MKN421	87	15.00	1101405	+382843	L 3	47318 L	0	EO	93031921	210400	002000	306 G	C-103,B-77
HCORE	MKN421	87	15.00	1101405	+382843	L 3	47319 L	0	EO	93031922	221000	002000	305 G	C-96,B-64
HCORE	MKN421	87	15.00	1101405	+382843	L 3	47320 L	0	EO	93031923	232000	002000	300 G	C-52,B-20
HCORE	MKN421	87	15.00	1101405	+382843	L 3	47321 L	0	EO	93032000	002800	002000	300 G	C-51,B-16
RQ104	MK421	87	14.00	1101406	+382843	L 3	47286 L	00000	EO	93031603	030732	002000	300 V	FESECK:325,SO;
HCORE	MKN 421	84	13.00	1101406	+382843	L 1	25098 L	443	SO	93031522	223800	002500	02 G	B-38
RQ104	MK421	87	14.00	1101406	+382843	L 1	25101 L	00000	EO	93031605	052336	002500	300 V	FESECK:156,FO;
HCORE	MKN421	87	13.00	1101406	+382843	L 1	25104 L	0	EO	93031611	110100	002500	302 G	C-95,B-36
RQ104	MK421	87	14.00	1101406	+382843	L 3	47287 L	00000	EO	93031607	072342	002000	300 V	FESECK:150,FO;
HCORE	MKN421	87	13.00	1101406	+382843	L 1	25105 L	445	FO	93031614	142600	002500	302 G	C-95,B-37
RQ104	MK421	87	14.00	1101406	+382843	L 1	25100 L	00000	EO	93031602	022722	002500	300 V	FESECK:325,SO;
HCORE	MKN421	65	13.00	1101406	+382843	L 1	25107 L	0	EO	93031617	172700	002500	02 G	B-38
RQ104	MKN 421	87	14.00	1101406	+382843	L 1	25113 L	00000	EO	93031703	031038	002500	300 V	FESECK:380,SO;
HCORE	MKN421	84	13.00	1101406	+382843	L 1	25109 L	0	EO	93031620	203600	002500	304 G	C-115,B-55
RQ104	MKN 421	87	14.00	1101406	+382843	L 3	47293 L	00000	EO	93031703	034506	002000	300 V	FESECK:380,SO
HCORE	MKN421	84	13.00	1101406	+382843	L 1	25111 L	103	FO	93031623	235600	002500	302 G	C-90,B-36
RQ104	MKN 421	87	14.00	1101406	+382843	L 1	25115 L	00000	EO	93031706	065154	002500	300 V	FESECK:143,FO
HCORE	MKN 421	84	13.00	1101406	+382842	L 3	47284 L	567	SO	93031519	195800	002000	320 G	E-28,C-47,B-19
RQ104	MKN 421	87	14.00	1101406	+382843	L 3	47294 L	00000	EO	93031707	072718	002000	300 V	FESECK:143,FO
HCORE	MKN 421	84	13.00	1101406	+382843	L 3	47285 L	0	EO	93031523	230600	002000	320 G	E-31,C-45,B-19
RQ104	MKN 421	87	14.00	1101406	+382843	L 3	47302 L	00000	EO	93031804	040344	002000	200 V	FESECK:137,FO;
HCORE	MKN 421	87	13.00	1101406	-382843	L 3	47288 L	0	EO	93031610	100700	002000	300 G	C-37,B-15
RQ104	MKN 421	87	14.00	1101406	+382843	L 3	47303 L	00000	EO	93031807	074239	002000	300 V	FESECK:199,FO;
HCORE	MKN421	87	13.00	1101406	+382843	L 3	47289 L	0	EO	93031611	113500	002000	300 G	C-38,B-15
RQ104	MKN 421	87	14.00	1101406	+382843	L 1	25127 L	00000	EO	93031803	033250	002500	301 V	FESECK:142,FO;
HCORE	MKN421	87	13.00	1101406	+382843	L 3	47291 L	472	SO	93031621	210700	002000	301 G	C-58,B-27
RQ104	MKN421	87	14.00	1101406	+382843	L 1	25141 L	00000	EO	93031903	030850	002500	301 V	FESECK: 141,FO; .
HCORE	MKN421	87	13.00	1101406	+382843	L 3	47292 L	0	EO	93031700	002500	002000	300 G	C-45,B-17
RQ104	MKN 421	87	14.00	1101406	+382843	L 3	47312 L	00000	EO	93031903	035448	002000	200 V	FESECK:141,FO;
RQ104	MKN 421	87	14.00	1101406	+382843	L 3	47313 L	00000	EO	93031907	072832	002000	200 V	FESECK: 193, FO;
RQ104	MKN421	87	14.00	1101406	+382843	L 1	25145 L	00000	EO	93031910	101244	002500	301 V	FESECK: 186,FO;
OPONE	NEC 3532-45	30	9.750	1102318	-583318	L 1	25196 L	669	FO	93032501	013600	000718	502 G	C-207,B-32
OPONE	NEC 3532-45	30	9.750	1102318	-583318	L 3	47355 L	0	FO	93032500	005700	002200	500 G	C-177,B-16
OPONE	NEC 3532-63	25	8.370	1102492	-582345	L 1	25192 L	1902	FO	93032420	200500	000124	502 G	C-222,B-34
OPONE	NEC 3532-63	25	8.370	1102492	-582345	L 3	47351 L	1909	FO	93032420	201300	000318	500 G	C-171,B-13
OPONE	NEC 3532-65	30	8.350	1102509	-583131	L 1	25197 L	1981	FO	93032502	023900	000148	502 G	C-209,B-34
OPONE	NEC 3532-65	30	8.350	1102509	-583131	L 3	47356 L	0	EO	93032502	024300	000500	500 G	C-198,B-14
OPONE	NEC 3532-69	30	9.350	1102552	-582601	L 1	25193 L	873	FO	93032421	213100	000318	402 G	C-184,B-35
OPONE	NEC 3532-69	30	9.350	1102552	-582601	L 3	47352 L	885	FO	93032420	205500	000800	400 G	C-152,B-15
OPONE	NEC 3532-82	30	8.590	1103095	-583049	L 1	25204 L	1574	FO	93032602	022400	000200	502 G	C-222,B-32
OPONE	NEC 3532-82	30	8.590	1103095	-583049	L 3	47362 L	1557	FO	93032601	014800	000518	500 G	C-197,B-14
HBOKH	NEC 3516	84	12.40	1103228	+725020	L 1	24932 L	0	EO	93021619	191600	007000	5X3 G	E-1.5X,C-202,B-41
HBOKH	NEC 3516	84	12.40	1103228	+725020	L 1	25251 L	0	EO	93040117	174300	006000	403 G	C-187,B-45
HBOKH	NEC 3516	84	12.40	1103228	+725020	L 3	46972 L	0	EO	93021614	142100	021000	543 G	E-195,C-220,B-50
HBOKH	NEC 3516	84	12.40	1103228	+725020	L 3	47009 L	0	EO	93022013	135900	014500	452 G	E-191,C-161,B-35
HBOKH	NEC 3516	84	12.40	1103228	+725020	L 3	47043 L	0	EO	93022414	142200	006700	333 G	E-145,C-135,B-50
HBOKH	NEC 3516	84	12.40	1103228	+725020	L 3	47325 L	0	EO	93032015	154700	009000	331 G	E-91,C-77,B-25
HBOKH	NEC 3516	84	12.40	1103228	+725020	L 3	47334 L	0	EO	93032215	153600	008000	331 G	E-96,C-95,B-27
HBOKH	NEC 3516	84	12.40	1103228	+725020	L 3	47350 L	0	EO	93032416	160700	009800	01 G	B-23
HBOKH	NEC 3516	84	12.40	1103228	+725020	L 3	47365 L	0	EO	93032615	152900	011000	432 G	E-135,C-138,B-38

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Cbs.date	Exptim	numrest	RC	Comment
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47392 L	0	EO	93033022	224100	019500	552 G	E-202,C-196,B-38
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47401 L	665	FO	93040113	135600	018000	452 G	E-204,C-180,B-35
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47413 L	0	EO	93040317	173600	012000	346 G	E-189,C-170,B-76
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47489 L	0	EO	93041513	134400	013000	442 G	E-163,C-165,B-32
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47497 L	0	EO	93041714	141800	010000	334 G	E-140,C-130,B-57
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47506 L	0	EO	93041913	133500	014000	452 G	E-187,C-147,B-34
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47518 L	0	EO	93042113	135100	015500	443 G	E-174,C-171,B-50
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47533 L	0	EO	93042313	133600	015000	442 G	E-170,C-155,B-36
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47545 L	0	EO	93042513	134200	016000	445 G	E-173,C-174,B-65
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47558 L	0	EO	93042713	131400	018000	443 G	E-198,C-193,B-50
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47569 L	0	EO	93042913	131100	017500	444 G	E-178,C-160,B-52
ENCP	NGC 3516	84	12.40	1103228	+725020	L 3	47578 L	0		93050112	121700	010500	331 G	E-110,C-97,B-29
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47596 L	0	EO	93050313	134900	004000	331 G	E-57,C-50,B-21
BECKH	NGC 3516	84	12.40	1103228	+725020	L 3	47605 L	0	EO	93050420	201400	010500	341 G	E-128,C-95,B-27
FQ107	NGC3516	84	12.50	1103229	+725020	L 3	47072 L	00000	EO	93022806	062614	024000	500 V	FESBCK:5578,FO;
FQ107	NGC 3516	84	12.50	1103229	+725020	L 3	47092 L	00000	EO	93030404	040957	012500	341 V	FESBCK:4549,FO; EXPO
FA106	NGC 3516	84	05.65	1103229	+725020	L 3	47127 L	00000	EO	93030609	091149	006900	331 V	FESBCK:6353,FO; 4 SE
FQ107	NGC 3516	84	12.50	1103229	+725020	L 3	47241 L	00000	EO	93031008	085842	008500	300 V	FESBCK:7907,FO;
FQ107	NGC3516	84	12.50	1103229	+725020	L 3	47266 L	00000	EO	93031207	074946	012000	340 V	FESBCK:7761,FO
FQ107	NGC3516	84	12.50	1103229	+725020	L 3	47275 L	00000	EO	93031407	075652	011500	340 V	FESBCK:12900,FO;FIVE
FQ107	NGC3516	84	12.50	1103229	+725020	L 3	47449 L	00000	EO	93040906	060225	013500	440 V	FESBCK:7000,FO;
FQ107	NGC 3516	84	12.50	1103229	+725020	L 3	47460 L	00000	EO	93041107	071413	006500	330 V	FESBCK:18367;
FQ107	NGC 3516	84	12.50	1103229	+755020	L 3	47475 L	00000	EO	93041306	060000	013000	440 V	FESBCK:21043,FO;
FQ107	NGC3516	84	12.50	1103229	+725020	L 3	47433 L	00000	EO	93040702	020114	016000	440 V	FESBCK:12062,FO;
FQ107	NGC 3516	84	12.50	1103229	+725020	L 3	47607 L	00000	EO	93050505	053048	006000	300 V	FESBCK:26127,FO;NO G
FQ107	NGC3516	84	12.50	1103229	+725020	L 3	47628 L	00000	EO	93050900	001132	014500	450 V	FESBCK:18736,FO;5 SE
FQ107	NGC3516	84	12.50	1103229	+725020	L 3	47617 L	00000	EO	93050323	235502	016500	341 V	FESBCK:19301,FO; 4 S
FQ107	NGC 3516	84	12.50	1103229	+725020	L 3	47642 L	00000	EO	93051103	035956	014000	340 V	FESBCK:17000,FO;4 SE
FQ107	NGC 3516	84	12.50	1103229	+725020	L 3	47656 L	00000	EO	93051204	040432	014000	340 V	FESBCK:17058,FO;
FQ107	NGC 3516	84	12.50	1103229	+725020	L 3	47661 L	00000	EO	93051304	043915	009500	330 V	FESBCK:22113,FO;
OFONE	NEC 3532-132	30	8.610	1103598	-582206	L 1	25194 L	1562	FO	93032422	225900	000142	502 G	C-192,B-32
OFONE	NEC 3532-132	30	8.610	1103598	-582206	L 3	47353 L	1557	FO	93032422	224600	000418	400 G	C-153,B-13
OFONE	NEC 3532-135	25	8.480	1104004	-583719	L 1	25203 L	1742	FO	93032601	010000	000148	502 G	C-232,B-31
OFONE	NEC 3532-135	25	8.480	1104004	-583719	L 3	47361 L	1717	FO	93032600	005000	000412	500 G	C-188,B-15
FQ100	HE 1104-18	85	15.00	1104051	-180511	L 1	25438 L	00000	EO	93042902	020921	015000	301 V	FESBCK:277,FO;
FQ100	HE 1104-18	85	15.00	1104051	-180511	L 1	25439 L	00000	EO	93042905	051044	021500	302 V	FESBCK:277,FO;
FQ100	HS1104-18	85	15.00	1104051	-180511	L 1	25555 L	00000	EO	93051900	004146	028000	303 V	FESBCK:9588,FO;13 SE
OFONE	NEC 3532-174	30	7.410	1104466	-583122	L 1	25195 L	4294	FO	93032500	001400	000030	401 G	C-137,B-30
OFONE	NEC 3532-174	30	7.410	1104466	-583122	L 3	47354 L	4293	FO	93032500	000700	000142	400 G	C-118,B-14
ENFPB	HD 97048	22	9.200	1106403	-772300	L 3	47824 L	1168	FO	93060712	124200	001500	400 G	C-150,B-16
FC149	HD 97603	31	02.93	1111271	+204753	H 3	46745 L	01870	FU	93011706	060512	034000	808 V	FESBCK:409,SO;
UESBS	HD 97766	44	8.500	1112180	-270208	L 1	24982 L	1757	FO	93022202	024200	001500	X02 G	C-1.5X,B-33
HICAL	HD 97991	20	7.300	1113387	-031156	H 1	25758 L	4581	FO	93061718	183100	000820	503 G	C-210,B-41
HICAL	HD 97991	20	7.300	1113387	-031156	H 3	47888 L	4642	FO	93061718	185400	000820	502 G	C-201,B-34
MQ045	RG1116+215	85	14.60	1116301	+213542	L 3	47550 L	00000	EO	93042606	060755	016000	450 V	FESBCK:146,FO;
HICAL	SKY	07	99.99	1116301	+213542	L 1	25415 L	00000		93042606	065501	008000	001 V	FESBCK:146,FO;
XROCS	1118-616	59	12.00	1118452	-613831	L 1	25673 L	0	EO	93060316	165000	004000	302 G	C-120,B-40
XROCS	1118-616	59	12.00	1118452	-613831	L 1	25675 L	0	EO	93060319	194800	006000	403 G	C-150,B-44
XROCS	1118-616	59	12.00	1118452	-613831	L 3	47797 L	0	EO	93060313	134300	018000	302 G	C-90,B-38
XROCS	1118-616	59	12.00	1118452	-613831	L 3	47798 L	0	EO	93060317	174100	012000	302 G	C-73,B-34



HRD	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmrestt	EC	Comment	
XROCS SKY BKGD		07		1119468	-613726	L 1	2574 L	0		93060318	181200	004000	302 G	C-70,B-40	
PA174 HD98922		26	07.08	1120131	-530544	L 3	47480 L	05344	FO	93041401	015913	001100	800 V	FESBCK:181,FO;	
PA174 HD9 8922		26	07.08	1120131	-530544	L 3	47480 S	05344	FO	93041402	021556	000600	400 V	FESBCK:181,FO;	
SPOCW HD	99211	37	4.080	1122229	-172433	L 1	24743 L		735	FU	93011620	204200	000017	501 G	C-214,B-29
SPOCW HD	99211	37	4.080	1122229	-172433	L 3	46742 L		728	FU	93011620	205900	000110	500 G	C-219,B-15
HCAL TU UMA		53	9.500	1127094	+302035	L 3	46888 L	449	FO	93020522	220700	002000	00 G	B-15	
PA174 HD100546		26	07.33	1131141	-695507	H 3	47481 L	04268	FO	93041403	032234	008500	700 V	FESBCK:12000,FO;	
TIOFS TT CRT		54	12.50	1132150	-112853	L 1	25777 L	0	BO	93060414	144900	003000	403 G	C-150,B-44	
TIOFS TT CRT		54	12.50	1132150	-112853	L 1	25778 L	0	BO	93060416	162200	003000	404 G	C-165,B-57	
TIOFS TT CRT		54	12.50	1132150	-112853	L 1	25779 L	0	BO	93060417	175100	003000	302 G	C-130,B-39	
TIOFS TT CRT		54	12.50	1132150	-112853	L 1	25680 L	0	BO	93060419	192000	003000	302 G	C-130,B-36	
TIOFS TT CRT		54	12.50	1132150	-112853	L 1	25682 L	0	BO	93060514	144000	003000	307 G	C-160,B-88	
TIOFS TT CRT		54	12.50	1132150	-112853	L 1	25683 L	0		93060516	160700	003000	309 G	C-245,B-180	
TIOFS TT CRT		54	12.50	1132150	-112853	L 1	25684 L	0	BO	93060517	172400	002500	307 G	C-150,B-84	
TIOFS TT CRT		54	12.50	1132150	-112853	L 1	25685 L	0	BO	93060519	190100	003000	302 G	C-110,B-37	
TIOFS TT CRT		54	12.50	1132150	-112853	L 3	47801 L	0	BO	93060413	135600	004500	440 G	E-155,C-120,B-17	
TIOFS TT CRT		54	12.50	1132150	-112853	L 3	47802 L	0	BO	93060415	152600	004500	341 G	E-137,C-110,B-21	
TIOFS TT CRT		54	12.50	1132150	-112853	L 3	47803 L	0	BO	93060416	165900	004500	441 G	E-130,C-130,B-22	
TIOFS TT CRT		54	12.50	1132150	-112853	L 3	47804 L	0	BO	93060418	182900	004500	340 G	E-137,C-100,B-16	
TIOFS TT CRT		54	12.50	1132150	-112853	L 3	47805 L	0	BO	93060419	195400	005500	440 G	E-153,C-135,B-16	
TIOFS TT CRT		54	12.50	1132150	-112853	L 3	47808 L	0	BO	93060513	134800	004500	331 G	E-123,C-100,B-24	
TIOFS TT CRT		54	12.50	1132150	-112854	L 3	47809 L	0	BO	93060515	151600	004500	X39 G	E-150,C-610,B-108	
TIOFS TT CRT		54	12.50	1132150	-112853	L 3	47810 L	0	BO	93060516	164300	003500	339 G	E-133,C-145,B-103	
TIOFS TT CRT		54	12.50	1132150	-112853	L 3	47811 L	0	BO	93060517	175500	006000	342 G	E-139,C-100,B-32	
TIOFS TT CRT		54	12.50	1132150	-112853	L 3	47812 L	0	BO	93060519	193700	006000	341 G	E-135,C-90,B-23	
OCODM HD	100943	24	7.160	1134080	-612318	H 3	46929 L	4379	FO	93021313	133500	012000	X06 G	C-1.5X,B-77	
USSES HD	100889	22	4.810	1134086	-093132	H 1	24749 L	662	FU	93011801	015600	000332	503 G	C-218,B-43	
USSES HD	100889	22	4.810	1134086	-093132	H 3	46757 L	666	FU	93011802	020700	000515	402 G	C-187,B-37	
IMOJC HD	101008	23	9.160	1134366	-630716	L 1	25426 L	912	FO	93042800	000000	000748	X02 G	C-3X,B-33	
IMOJC HD	101008	23	9.160	1134366	-630716	L 1	25426 S	898	FO	93042800	002200	000148	502 G	C-248,B-33	
IMOJC HD	101008	23	9.160	1134366	-630716	L 3	47562 L	883	FO	93042800	003100	000410	500 G	C-223,B-15	
HCAL HR4498		17	06.78	1138380	-285510	L 1	24871 L	06935	FO	93020900	000000	000100	500 V	FESBCK:318,SO; ;	
HCAL HR 4498		17	06.78	1138380	-285510	L 1	24872 L	06883	FO	93020911	111910	000200	600 V	FESBCK:318,SO;	
HCAL HR 4498		17	06.83	1138380	-285510	L 1	24885 L	06622	FO	93021004	044437	000100	500 V	FESBCK:84,FO;	
HCAL		17	06.84	1138380	-285510	L 1	24886	06547	FO	93021000	000000	000000	700 V	FESBCK:84.FO;	
QE164 IRAS 1139+		88	14.00	1139364	+103319	L 3	47915 L	00000	BO	93061922	221136	033500	302 V	FESBCK:21232,FO;ELEV	
ENDSH NEC	3918	70	10.80	1147500	-565410	L 1	25381 L	795	FO	93042100	002800	000500	342 G	E-153,C-75,B-32	
ENDSH NEC	3918	70	10.80	1147500	-565410	L 3	47514 L	796	FO	93042100	001800	000500	3XD G	E-3X,C-40,B-14	
FC179 GL454		46	05.94	1158108	-101001	H 1	24850 L	13703	FO	93020505	052148	004500	531 V	FESBCK:81,FO;	
HCAL FG	1159-035	16	14.80	1159123	-032859	L 3	46694 L	0	BO	93011000	005100	000400	300 G	C-54,B-13	
HCAL FG	1159-035	16	14.80	1159123	-032859	L 3	46695 L	0	BO	93011001	013900	001000	400 G	C-133,B-17	
HCAL FG	1159-035	16	14.80	1159123	-032859	L 3	46696 L	0	BO	93011002	022800	002000	503 G	C-248,B-45	
NQ043 NEC	4051	84	11.50	1200364	+444835	L 1	25763 L	00000	BO	93061901	010327	007500	441 V	FESBCK:21418,FO; THR	
NQ043 NEC	4051	84	11.50	1200364	+444835	L 3	47908 L	00000	BO	93061822	221931	012000	330 V	FESBCK:21418,FO; FTW	
NQ043 NEC	4051	84	11.50	1200364	+444835	L 3	47909 L	00000	BO	93061902	023652	011500	330 V	FESBCK:21418;THREE S	
IMOJC HD	104683	23	7.920	1200388	-640422	L 1	25414 L	2192	FO	93042600	000500	000034	402 G	C-172,B-34	
IMOJC HD	104683	23	7.920	1200388	-640422	L 1	25414 L	2202	FO	93042600	001300	000300	X02 G	C-3X,B-34	
IMOJC HD	104683	23	7.920	1200388	-640422	L 1	25424 L	2365	FO	93042720	201400	000412	X03 G	C-3X,B-50	
IMOJC HD	104683	23	7.920	1200388	-640422	L 1	25424 S	2328	FO	93042720	203000	000044	X03 G	C-1.5X,B-50	
IMOJC HD	104683	23	7.920	1200388	-640422	L 3	47560 L	2495	FO	93042719	195700	000224	501 G	C-216,B-22	

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
IGNLD	HD +23	21	11.10	1205248	+224833	H 3	46901 L	1346	FO	93020813	130300	034000	449 G	F-234, C-210, B-105
SNLD	HD +36 2242	22	9.900	1206438	+355925	H 3	46885 L	487	FO	93020414	141000	028000	447 G	F-209, C-189, B-88
HCAL	SKY BACK	07		1206446	+355820	L 1	24844 L	0		93020414	142300	012000	306 G	C-94, B-71
AGRM	NGC 4151	84	11.50	1208004	+394102	L 1	25596 L	0	BO	93052509	090700	003000	XX2 G	F-1.5X, C-1.5X, B-40
AGRM	NGC 4151	84	11.50	1208004	+394102	L 3	47729 L	0	BO	93052508	082100	003000	330 G	F-62, C-45, B-20
AGRM	NGC 4151	84	11.50	1208004	+394102	L 3	47730 L	0	BO	93052509	095900	004500	351 G	F-226, C-90, B-24
AGRM	NGC 4151	84	11.50	1208010	+394102	L 1	25638 L	0	BO	93053110	100900	001100	352 G	F-193, C-116, B-33
AGRM	NGC 4151	84	11.50	1208011	+394102	L 1	25616 L	0	BO	93052808	084200	002000	XX2 G	F-1.5X, C-1.5X, B-34
AGRM	NGC 4151	84	11.50	1208011	+394102	L 1	25617 L	0	BO	93052809	094600	001400	552 G	F-253, C-210, B-34
AGRM	NGC 4151	84	11.50	1208011	+394101	L 1	25637 L	0	BO	93053109	090000	001100	452 G	F-209, C-138, B-32
AGRM	NGC 4151	84	11.50	1208011	+394102	L 3	47760 L	0	BO	93052808	081700	002000	350 G	F-182, C-85, B-20
AGRM	NGC 4151	84	11.50	1208011	+394102	L 3	47761 L	0	BO	93052809	091300	002500	350 G	F-249, C-90, B-20
AGRM	NGC 4151	84	11.50	1208011	+394102	L 3	47762 L	0	BO	93052810	101500	002500	350 G	F-244, C-90, B-20
AGRM	NGC 4151	84	11.50	1208011	+394102	L 3	47776 L	0	BO	93053108	081400	002100	350 G	F-187, C-111, B-15
AGRM	NGC 4151	84	11.50	1208011	+394102	L 3	47777 L	0	BO	93053109	093300	002100	G	
LACDT	QSO 1209+10	85	16.50	1209073	+101643	L 1	24758 L	0	BO	93011913	130500	027000	306 G	C-108, B-73
RQ101	NULL	99	99.99	1211448	+141952	H 3	46725	00000		93011403	000000	000000	V	
RQ101	RG1211+143	85	14.00	1211448	+141952	L 1	24731 L	00000	BO	93011407	075252	013500	401 V	
RQ101	RG1211+143	95	00.00	1211448	+141952	L 3	46726 L	00000	BO	93011310	101350	019500	361 V	FESECK:321, FO;
RQ099	RG 1211+14	85	14.00	1211449	+141953	L 3	46640 L	00000	BO	93010112	120301	016400	361 V	FESECK:2492, FO;
RQ101	RG1211+143	85	14.00	1211449	+141953	L 3	47806 L	00000	BO	93060500	003553	021000	460 V	FESECK:14275, FO; SEGM
RQ101	RG1211+143	85	14.00	1211449	+141953	L 1	25681 L	00000	BO	93060422	221045	010000	401 V	FESECK:14275, FO; SEGM
QQ027	RG1 211	84	14.00	1211449	+141953	L 3	47943 L	00000	BO	93062322	222714	015000	360 V	FESECK:25711, FO;
SKQH	WAS 49	84	15.40	1211464	+294825	L 3	47371 L	0	BO	93032712	122400	025000	333 G	F-115, C-90, B-50
ICEDW	HD 106391	23	8.600	1211504	-613725	L 1	25823 L	1205	FO	93062915	154400	000900	X02 G	C-1.5X, B-38
ICEDW	HD 106391	23	8.600	1211504	-613725	L 1	25824 L	1221	FO	93062916	164300	004500	X03 G	C-6X, B-44
ICEDW	HD 106391	23	8.600	1211504	-613725	L 1	25825 L	1189	FO	93062918	185300	000600	502 G	C-240, B-32
ICEDW	HD 106391	23	8.600	1211504	-613725	L 3	47999 S	1200	FO	93062916	160200	003000	400 G	C-120, B-17
ICEDW	HD 106391	23	8.600	1211504	-613725	L 3	48000 L	1309	FO	93062917	174300	006000	500 G	C-168, B-15
SNLD	HD 106420	22	8.200	1211525	+471934	H 3	46874 L	3448	FO	93020212	123900	022500	X09 G	C-3X, B-123
SNLD	HD 106420	22	8.200	1211525	+471934	H 3	46875 L	2574	FO	93020217	170500	006000	403 G	C-169, B-44
SNLD	HD 106420	22	8.200	1211525	+471934	H 3	46876 L	2039	FO	93020218	184200	007000	403 G	C-189, B-47
FE001	HST 144	82	15.30	1212450	+060219	L 3	46761 L	00000	BO	93011907	075644	023000	302 V	FESECK:4693, FO;
SACW	HD 106591	30	3.310	1212576	+571837	L 1	25728 L	1142	FU	93061220	201600	000006	502 G	C-209, B-33
SACW	HD 106591	30	3.310	1212576	+571837	L 1	25728 S	1153	FU	93061220	202600	000003	402 G	C-144, B-33
SACW	HD 106591	30	3.300	1212576	+571837	L 3	47855 L	1143	FU	93061219	195500	000017	500 G	C-209, B-20
SACW	HD 106591	30	3.310	1212576	+571837	L 3	47855 S	1137	FU	93061220	200600	000010	300 G	C-90, B-20
SNDM	HD 106965	30	8.000	1215240	+015111	H 1	24776 L	3034	FO	93012319	190900	011000	504 G	C-213, B-59
RQ110	NGC 5548	84	13.00	1215435	+252200	L 3	46685 L	00000	BO	93010808	084651	009300	350 V	FESECK:680, FO;
RQ110	NGC 5548	84	13.00	1215435	+252200	L 1	24682 L	00000	BO	93010810	102703	004600	340 V	FESECK:680, FO;
FC108	NGC5548	84	13.50	1215435	+252200	L 3	46722 L	00000	BO	93011313	135502	005000	340 V	
LACDT	QSO 12161553	85	15.90	1216111	+155304	L 1	24887 L	0	BO	93021013	134600	028000	309 G	C-180, B-125
SUMM	EUROPA	04	5.790	1217280	-001912	D 9	02716 2			93052910	105000	002000	G	
SUMM	EUROPA	04	5.790	1217280	+001912	L 3	47767 L	0	BO	93052907	074800	018000	302 G	C-75, B-40
SUMM	EUROPA	04	5.790	1217280	+001912	L 3	47770 L	0	BO	93052917	174100	030000	356 G	F-251, C-123, B-76
SUMM	JUPITER	03	-2.20	1217327	+001941	L 3	47768 L	0	BO	93052916	160600	001500	X40 G	F-136, C-4X, B-20
SUMM	JUPITER	03	-2.20	1217327	+001941	L 3	47769 L	0	BO	93052916	164800	001500	X41 G	F-134, C-4X, B-22
SUMM	IO TORUS	03		1217361	+001907	L 3	47738 L	0		93052607	075900	041000	334 G	F-132, C-94, B-56
USBS	HD 107700	44	4.800	1219596	+260724	H 1	24779 L	23840	FO	93012402	022800	001730	503 G	C-218, B-48
USBS	HD 107700	44	4.800	1219596	+260724	H 3	46818 L	24079	FO	93012401	014100	003815	402 G	C-180, B-39



PRO	Object	CL	MAG	R.A.	DEC	D C Image A	FES	MD	Obs.date	Exptim	mmmsstt	EOC	Comment
IGNLD H.O.	+41	21	11.60	1220012	+410613	H 3 46892 L	230	FO	93020613	130500	040500	309	G C-210,B-117
FD01	BH1562	82	16.60	1220036	+122606	L 3 46767 L	00000	EO	93012006	063919	030600	301	V FESECK:5160,FO;
ICOMM	ID TORUS	07		1221093	+003717	L 3 47614 L	0	EO	93050608	081700	038500	35	G E-132,B-64
SNODM	HD 107878	30	9.300	1221165	+015540	H 1 24780 L	507	FO	93012413	132500	022000	305	G C-150,B-68
SNODM	HD 108228	30	7.600	1223275	+021907	H 1 24786 L	3179	FO	93012512	125200	008500	504	G C-235,B-53
KNEFB	21 N4449	72		1225407	+442058	L 3 47945 L	0	EO	93062406	062100	018500	303	G C-70,B-43
SNODM	HD 108561	30	6.800	1225454	+044023	H 1 24778 L	8430	FO	93012323	231500	003000	403	G C-155,B-45
SNODM	HD 108561	30	6.800	1225454	+044023	H 1 24781 L	5655	FO	93012419	191200	004000	403	G C-190,B-47
RQ100	3C 273	85	12.70	1226332	+021943	L 3 46739 L	00000	EO	93011607	075906	003000	430	V FESECK:8466,FO; 2 15
RQ100	3C 273	85	12.70	1226332	+021943	L 1 24741 L	00000	EO	93011609	092347	001500	341	V FESECK:8466,FO; 2 15
RQ087	3C273	85	13.00	1226332	+021942	L 3 46863 L	00109	SO	93020105	054453	003000	350	V FESECK:246,SO;
RQ087	3C273	85	13.00	1226332	+021942	L 1 24827 L	00109	SO	93020106	062005	003000	501	V FESECK:246,SO;
RQ087	3C273	85	13.00	1226332	+021942	L 3 46864 L	00109	SO	93020106	065534	006000	460	V FESECK:246,SO;
RQ087	3C273	85	13.00	1226332	+021942	L 1 24828 L	00109	SO	93020107	075943	002500	500	V FESECK:246,SO;
RQ087	3C273	95	12.80	1226332	+021943	L 3 46926 L	00000	EO	93021306	064501	003000	350	V FESECK:100,FO;
RQ087	3C273	85	12.50	1226332	+021943	L 1 24902 L	00000	EO	93021307	072254	003000	503	V FESECK:100,FO;
RQ087	3C273	85	12.80	1226332	+021943	L 3 46927 L	00000	EO	93021308	080217	006000	460	V FESECK:100,FO;
RQ087	3C273	85	12.70	1226332	+021943	L 1 25608 L	00000	EO	93052704	043937	003000	451	V FESECK:7387,FO;
RQ087	3C273	85	12.70	1226332	+021943	L 3 47745 L	00000	EO	93052705	051410	009000	561	V FESECK:7387,FO;
RQ087	3C273	85	12.70	1226332	+021943	L 3 47744 L	00000	EO	93052704	040037	003000	350	V FESECK:7387,FO;
RQ087	3C273	85	12.80	1226332	+021943	L 3 47654 L	00000	EO	93051200	001359	003000	340	V FESECK:213,FO;
RQ087	3C273	85	12.80	1226332	+021943	L 1 25516 L	00000	EO	93051200	004930	003000	500	V FESECK:213,FO;
RQ087	3C273	85	12.80	1226332	+021943	L 3 47655 L	00000	EO	93051201	013122	005000	450	V FESECK:213,FO;
RQ087	3C273	85	12.80	1226332	+021943	L 1 25517 L	00000	EO	93051202	022656	003000	400	V FESECK:213,FO;
RQ087	3C273	85	12.70	1226333	+021943	L 3 46647 L	00000	EO	93010209	091919	002500	330	V FESECK:3626,FO;15+10
MDOU	3C 273	85	13.00	1226333	+021942	L 1 24653 L	434	FO	93010302	020500	002500	503	G C-229,B-50
RQ087	3C273	85	12.70	1226333	+021943	L 1 24650 L	00000	EO	93010210	104313	001500	401	V FESECK:3626,FO;NO TR
MDOU	3C 273	85	13.00	1226333	+021942	L 1 24657 L	391	FO	93010401	014300	002500	404	G C-191,B-52
MDOU	3C273	85	13.00	1226333	+021942	L 1 24662 L	406	FO	93010502	020900	002000	406	G C-209,B-75
MDOU	3C273	85	13.00	1226333	+021942	L 1 24666 L	401	FO	93010602	020100	002000	408	G C-221,B-100
MDOU	3C 273	85	13.00	1226333	+021942	L 1 24694 L	0	EO	93010917	170800	002500	403	G C-178,B-44
MDOU	3C 273	85	13.00	1226333	+021942	L 1 24695 L	0	EO	93010918	182200	002500	402	G C-185,B-40
MDOU	3C 273	85	13.00	1226333	+021942	L 3 46650 L	441	FO	93010302	023800	002500	341	G E-162,C-85,B-29
MDOU	3C 273	85		1226333	+021942	L 3 46654 L	368	FO	93010401	010000	002500	350	G E-189,C-95,B-18
MDOU	3C273	85	13.00	1226333	+021942	L 3 46658 L	383	FO	93010501	013100	002000	341	G E-171,C-90,B-26
MDOU	3C273	85		1226333	+021942	L 3 46663 L	377	FO	93010601	012400	002000	351	G E-180,C-97,B-28
MDOU	3C 273	85	13.00	1226333	+021942	L 3 46692 L	0	EO	93010917	173900	003500	450	G E-230,C-129,B-16
QD087	HD 108945	36	05.30	1228307	+245036	H 3 47984 L	00000	EO	93062803	031453	008000	700	V FESECK:24607,FO
SUDMC	MOON	02		1229018	-034536	H 3 46724 S	0		93011400	002600	033500	3?8	G E-70,C-150,B-91
ENSH	IC3568	70	11.50	1231466	+825022	L 1 24975 L	659	FO	93022104	040300	001000	402	G C-158,B-35
ENSH	IC3568	70	11.50	1231466	+825022	L 1 25384 L	0	EO	93042118	184500	001000	405	G C-185,B-65
ENSH	IC3568	70	11.50	1231466	+825022	L 3 47015 L	660	FO	93022103	033300	001500	450	G E-179,C-168,B-20
ENSH	IC3568	70	11.50	1231466	+825022	L 3 47016 L	671	FO	93022104	043300	001500	550	G E-180,C-175,B-18
ENSH	IC3568	70	11.50	1231466	+825022	L 3 47519 L	0		93042118	182300	001500	442	G E-187,C-172,B-39
ENSH	IC3568	70	11.50	1231466	+825022	L 3 47520 L	0	EO	93042119	192300	001500	551	G E-201,C-212,B-26
SNOWK	NGC 4569	80	9.700	1234187	+132618	L 3 46667 L	0	EO	93010615	154500	034500	308	G C-125,B-92
LIGOR	NGC 4579	88	10.60	1235119	+120535	H 1 24817 L	0	EO	93013014	141600	033500	347	G E-193,C-180,B-88
RQ076	IC 3599	84	15.70	1235128	+265856	L 3 47890 L	00000	EO	93061723	233515	022200	001	V FESECK:SPURRIED;11
SNODM	HD 109840	30	7.000	1235190	+043350	H 1 24787 L	4653	FO	93012514	145900	005000	503	G C-206,B-47
SNODM	HD 109840	30	7.000	1235190	+043350	H 1 24789 L	4217	FO	93012518	181500	005500	503	G C-220,B-50

PRO	Object	CL	MPG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	numinst	ECC	Comment
SNORM HD	109860	30	6.300	1235314	+033327	H 1	24777 L	11251	FO	93012321	215100	002000	403 G	C-190,B-42
SNORM HD	109860	30	6.300	1235314	+033327	H 1	24788 L	7045	FO	93012516	163700	002300	G	
SNORM HD	109860	30	6.300	1235314	+033327	H 3	46823 L	7307	FO	93012517	171000	004500	502 G	C-185,B-34
HICAL SKY BKGD	07			1237210	-112150	L 1	24822 L	0	BO	93013114	142700	028000	306 G	C-105,B-77
RQ66 NEC 4594	00	99.99		1237234	-112055	E 9	02692 2	00000		93013105	050000	010000		V FESECK:2425,FO; FES
LIDGR NEC	4594	88	9.500	1237234	-112055	L 3	46859 L	0	BO	93013105	054100	085000	309 G	C-187,B-132
RQ66 SKY	07	99.99		1237234	-112055	L 1	24821 L	00000		93013100	000000	031500	303 V	FESECK:245,FO; SEREN
SNORM NEC	4602	84	12.30	1238018	-045127	L 3	46866 L	0	BO	93020112	125400	031200	308 G	C-135,B-98
HICAL SHUTTER	64			1238402	-124426	L 1	24826 L	0		93013123	234200	016500	09 G	B-173
HICAL WAVCAL	98			1238403	-124426	L 1	24823 S	0		93013120	205300	000001	?1 G	E-10X,B-25
HICAL TFLOOD	99			1238403	-124426	L 1	24824 S	0		93013121	212400	000025	08 G	B-99
HICAL WAVCAL	98			1238403	-124426	H 1	24825 S	0		93013121	215300	000016	32 G	E-60X,B-36
HICAL WAVCAL	98			1238403	-124426	L 3	46860 S	0		93013121	215700	000002	?0 G	E-10X,B-14
HICAL TFLOOD	99			1238403	-124426	L 3	46861 S	0		93013123	230300	000005	09 G	B-103
HICAL WAVCAL	98			1238403	-124426	H 3	46862 S	0		93013123	232700	000200	31 G	E-60X,B-28
PEL15 NEC 4619	82	99.99		1239190	+352012	E 9	02696 2	00000		93021206	061000	016000		V FESECK:414,SO; FIELD
PEL15 NEC 4619	82	99.99		1239190	+352012	E 9	02697 2	00000		93021212	124000	016000		V FESECK:414,SO; SEREN
PEL15 SKY	07	99.99		1239190	+352012	L 1	24897 L	00000		93021206	065158	032000	305 V	FESECK:414,SO; SEREN
PEL15 NEC 4619	82	11.40		1239190	+352012	L 3	46920 L	00000	BO	93021206	061943	039000	223 V	FESECK:414,SO;
SNORM HD	110486	30	8.400	1239557	+013612	H 1	24774 L	1491	FO	93012313	130200	012000	404 G	C-160,B-57
RCEW UW CEN	52	10.00		1240260	-541518	L 1	25359 L	559	FO	93041718	180800	006000		G B-2X
RCEW UW CEN	52	10.00		1240260	-541518	L 1	25360 L	379	FO	93041719	194700	001000	309 G	C-140,B-103
FC179 GL484	44	06.33		1242364	+393307	H 1	24851 L	10114	FO	93020507	070642	005500	531 V	FESECK:294,SO;
SNORM HD	111005	31	7.700	1243418	+024415	H 1	24775 L	2141	FO	93012315	155800	010000	403 G	C-160,B-50
XRCW 1244+026	85	16.40		1244021	+023831	L 3	47638 L	0	BO	93051007	073900	043000	339 G	E-225,C-200,B-130
HICAL SKY BKGD	07			1244048	+023923	L 1	25507 L	0		93051008	082600	012000	07 G	B-86
HICAL SKY BKGD	07			1244048	+023923	L 1	25508 L	0		93051011	114600	006000	02 G	B-40
NC184 SPO 181130	41	09.36		1246453	-220707	L 2	18709 L	00701	FO	93022608	082753	004000	700 V	FESECK:106,FO;
RQ78 SKY	07	99.99		1247178	+340612	L 1	24839 L	00000		93020306	061902	028000	002 V	FESECK:434,SO; SEREN
RQ78 FCI247+340	85	21.00		1247178	+340612	L 3	46881 L	00000	BO	93020305	054825	036000	002 V	FESECK:434,SO;
NEOS HIMALIA	04	15.00		1247569	-030420	L 1	24990 L	0	BO	93022306	062200	061000	09 G	B-176
RS069 HIMALIA	04	15.00		1248012	-030511	E 9	02698 2	00000	BO	93022306	060000	016000		V FES FOR IWE24990
ICOMM IO ICRLS	04			1248513	-033330	L 3	47073 L	0	BO	93022813	131700	041500	35 G	E-135,B-63
IRCKH EX HYA	66	13.50		1249425	-285839	L 1	25515 L	526	FO	93051117	172100	002000	446 G	E-202,C-180,B-79
IRCKH EX HYA	66	13.50		1249425	-285839	L 3	47643 L	248	FO	93051108	081300	001350	331 G	E-88,C-68,B-24
IRCKH EX HYA	66	13.50		1249425	-285839	L 3	47644 L	250	FO	93051109	093100	001330	331 G	E-99,C-74,B-24
IRCKH EX HYA	66	13.50		1249425	-285839	L 3	47645 L	262	FO	93051110	105300	004030	331 G	E-110,C-70,B-23
IRCKH EX HYA	66	13.50		1249425	-285839	L 3	47646 L	269	FO	93051112	121900	004130	331 G	E-93,C-70,B-24
IRCKH EX HYA	66	13.50		1249425	-285839	L 3	47647 L	270	FO	93051113	134900	004130	331 G	E-90,C-75,B-29
IRCKH EX HYA	66	13.50		1249425	-285839	L 3	47648 L	278	FO	93051115	151900	004030	332 G	E-83,C-75,B-40
IRCKH EX HYA	66	13.50		1249425	-285839	L 3	47649 L	361	FO	93051116	164200	002700	223 G	E-70,C-70,B-50
IRCKH EX HYA	66	13.50		1249425	-285839	L 3	47650 L	986	FO	93051117	175800	002000	335 G	E-102,C-98,B-68
IRCKH EX HYA	66			1249425	-285839	L 3	47651 L	0	BO	93051119	195600	002740	332 G	E-61,C-60,B-32
IRCKH EX HYA	66	13.50		1249425	-285839	L 3	47652 L	0	BO	93051120	205900	004030	331 G	E-74,C-65,B-24
IRCKH EX HYA	66	13.50		1249425	-285839	L 3	47653 L	0	BO	93051122	221800	002700	331 G	E-64,C-55,B-24
CCDDM HD	111904	24	5.750	1250220	-600326	H 3	46883 L	16589	FO	93020318	181300	009000	505 G	C-249,B-63
CCDDM HD	111934	23	7.000	1250380	-600510	H 3	46828 L	4787	FO	93012618	184200	007000	503 G	C-247,B-44
CCDDM HD	111973	24	5.940	1250490	-600619	H 3	46847 L	10581	FO	93012917	174800	004000	503 G	C-247,B-41
CCDDM HD	111990	23	6.800	1250596	-600350	H 3	46930 L	5995	FO	93021316	162500	007000	503 G	C-237,B-49
HICAL WAVCAL	98			1251418	-112239	L 1	25646 S	0		93060114	145700	000001	?2 G	E-10X,B-33

ERO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	EC	Comment
HICAL	TFLOOD	99		1251418	-112239	L 1	25647 S	0		93060115	152700	000025	09	G B-103
HICAL	WAVCAL	98		1251418	-112239	H 1	25648 S	0		93060115	155500	000016	32	G E-60X,B-37
HICAL	NULL (SA	99		1251418	-112239	L 2	18713 L	0		93060116	163800	000000	301	G C-71,B-25
HICAL	WAVCAL	98		1251418	-112239	L 2	18714 S	0		93060117	174700	000001		G e-10x,b-23
HICAL	TFLOOD	99		1251418	-112239	L 2	18715 S	0		93060118	181500	000010	07	G B-87
HICAL	WAVCAL	98		1251418	-112239	H 2	18716 S	0		93060118	184500	000022	31	G E-60X,B-27
HICAL	WAVCAL	98		1251418	-112239	L 3	47787 S	0		93060116	161200	000002	70	G E-10X,B-18
HICAL	TFLOOD	99		1251418	-112239	L 3	47788 S	0		93060117	170500	000005	08	G B-95
HICAL	WAVCAL	98		1251418	-112239	H 3	47789 S	0		93060117	173100	000200	32	G E-60X,B-34
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46949 L	0	EO	93021514	145400	001500	X30	G E-39,C-2X,B-16
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46950 L	0	EO	93021515	154700	002700	X30	G E-52,C-2X,B-17
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46951 L	0	EO	93021516	164500	002700	X30	G E-60,C-2X,B-19
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46952 L	0	EO	93021518	180200	002000	X40	G E-137,C-2X,B-16
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46953 L	0	EO	93021518	185300	001500	X30	G E-92,C-2X,B-16
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46954 L	0	EO	93021519	193900	001500	X40	G E-134,C-2X,B-15
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46955 L	0	EO	93021520	202800	001500	X30	G E-115,C-2X,B-18
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46956 L	0	EO	93021521	211300	001500	X30	G E-68,C-2X,B-20
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46957 L	0	EO	93021522	221800	001500	X32	G E-69,C-2X,B-31
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46958 L	0	EO	93021523	230500	001500	X03	G C-2X,B-41
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46959 L	0	EO	93021523	235100	002000	X05	G C-3X,B-64
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46960 L	0	EO	93021600	004300	001000	X02	G C-2X,B-33
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46961 L	0	EO	93021601	012600	002200	X02	G C-3X,B-34
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46962 L	0	EO	93021602	021900	001500	X00	G C-2X,B-15
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46963 L	0	EO	93021603	030700	001500	X00	G C-2X,B-15
CD29Z	JUPTIER	03	-2.30	1252237	-035905	L 3	46964 L	0	EO	93021603	035800	002000	X30	G E-84,C-2X,B-16
CD29Z	JUPTIER	03	-2.30	1252242	-035839	L 3	46948 L	0	EO	93021514	140200	002000	X30	G E-50,C-2X,B-18
HICAL	HD	57060	12	5.400	1252593	H 1	24896 L	24021	FO	93021204	043500	000205	502	G C-208,B-40
UCDW	HD	112244	13	5.320	1252594	L 1	25078 L	17471	FO	93031223	232500	000001	501	G C-216,B-29
UCDW	HD	112244	13	5.320	1252594	L 1	25079 L	18206	FO	93031300	002900	000006	X01	G C-5X,B-29
UCDW	HD	112244	13	5.320	1252594	L 3	47271 L	17797	FO	93031223	233200	000004	X00	G C-2X,B-13
RQ110	3C279	85	15.00	1253358	-053107	E 9	02679 2	00000	EO	93010407	071500	016000		V FES FOR SWP 46657
RQ110	3C279	85	15.00	1253358	-053107	E 9	02680 2	00000	EO	93010507	073000	016000		V FES FOR SWP 46662
RQ110	3C279	85	15.00	1253359	-053108	E 9	02678 2	00000	EO	93010308	080000	016000		V FES FOR SWP 46653
MDCU	3C279	85	15.00	1253359	-053108	L 1	24652 L	0	EO	93010215	154500	036000	308	G C-140,B-94
MDCU	3C279	85	15.00	1253359	-053108	L 1	24656 L	0	EO	93010318	182000	036000	308	G C-138,B-95
MDCU	3C279	85	15.00	1253359	-053108	L 1	24661 L	0	EO	93010418	185200	036000	309	G C-157,B-115
MDCU	3C279	85	15.00	1253359	-053108	L 1	24665 L	0	EO	93010519	194200	031500	308	G C-141,B-100
MDCU	3C279	85	15.00	1253359	-053108	L 1	24699 L	0	EO	93011016	162600	015000	304	G C-76,B-55
MDCU	3C279	85	15.00	1253359	-053108	L 3	46649 L	0	EO	93010221	214900	022000	303	G C-75,B-50
MDCU	3C279	85	15.00	1253359	-053108	L 3	46653 L	0	EO	93010308	081300	060000	339	G E-162,C-145,B-116
MDCU	3C279	85	15.00	1253359	-053108	L 3	46657 L	0	EO	93010407	074600	066000	339	G E-188,C-177,B-129
MDCU	3C279	85	15.00	1253359	-053108	L 3	46662 L	0	EO	93010507	075100	066000	339	G E-188,C-195,B-143
NC184	SPO	181259	30	07.72	1254302	L 2	18710 L	03033	FO	93022610	100508	000400	600	V FESECK:106,FO;
SNLD	RG	1255+547	28	13.50	1255386	H 3	46887 L	0	EO	93020512	125300	041500	357	G E-243,C-165,B-88
IMJC	HD	113012	23	8.120	1258379	L 1	25423 L	2360	FO	93042717	175800	000636	X03	G C-3X,B-44
IMJC	HD	113012	23	8.120	1258379	L 1	25423 S	2248	FO	93042718	182100	000100	503	G C-229,B-44
IMJC	HD	113012	23	8.120	1258379	L 3	47559 L	2230	FO	93042718	183000	000342	501	G C-214,B-23
FCL93	REL303-40	44	11.10	1300186	-403742	L 3	47973 L	00000	EO	93062703	034621	003327	111	V FESECK:6633,FO
HICAL	WAVCAL	98		1301051	-201854	L 1	25025 S	0		93022820	205100	000001	71	G E-10X,B-25
HICAL	TFLOOD	99		1301051	-201854	L 1	25026 S	0		93022821	212100	000025	08	G B-98



HR0	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
H0AL	WAWAL	98		1301051	-201854	H 1	25027 S	0		93022821	215000	000016	32	G E-60K,B-38
H0AL	WAWAL	98		1301051	-201854	L 3	47074 S	0		93022821	215300	000002	?0	G E-10K,B-13
H0AL	TELOD	99		1301051	-201854	L 3	47075 S	0		93022822	224000	000005	09	G B-104
H0AL	WAWAL	98		1301051	-201854	H 3	47076 S	0		93022823	230600	000200	31	G E-60K,B-28
PI111	GP COM	59	16.00	1303147	+181709	E 9	02695 2	00000	BD	93020805	055000	018000		V
PI111	GEOM	59	16.00	1303147	+181709	L 3	46900 L	00000	BD	93020806	060406	032500	331	V FESECK:426,SO;
ZZCK	GD 154	37	15.30	1307382	+352539	L 3	47623 L	0	BD	93050800	003200	074500	309	G C-167,B-110
H0AL	SKY	07	99.99	1307383	+352240	L 1	25490 L	00000		93050800	003544	030000	002	V FESECK:120,FO;
BA161	GO 154	00	99.99	1307383	+352240	E 9	02713 2	00000		93050800	000500	016000		V FES FOR SWP47623
IMJC	HD 114444	23	10.32	1309136	-750255	L 1	25444 L	616	FO	93042923	231800	000824	502	G C-217,B-35
RSQIL	HD 115383	44	5.220	1314165	+094113	H 1	25523 L	18500	FO	93051315	154100	002000	503	G C-207,B-46
RSQIL	HD 115383	44	5.220	1314165	+094113	L 3	47663 L	18643	FO	93051316	161500	007000	X39	G E-165,C-2.0K,B-144
RSQIL	HD 115383	44	5.220	1314165	+094113	L 3	47667 L	17887	FO	93051415	154900	006000	X29	G E-124,C-1.5X,B-105
RSQIL	HD 115383	44	5.220	1314166	+094114	H 1	25590 L	17798	FO	93052416	164800	002000	538	G E-189,C-249,B-93
RSQIL	HD 115383	44	5.220	1314175	+094106	H 1	25513 L	17534	FO	93051020	205700	002000	402	G C-180,B-37
RSQIL	HD 115383	44	5.220	1314175	+094106	H 1	25520 L	17497	FO	93051218	181500	001500	309	G C-210,B-126
RSQIL	HD 115383	44	5.220	1314175	+094106	H 1	25521 L	17257	FO	93051219	190800	001500	404	G C-175,B-53
RSQIL	HD 115383	44	5.220	1314175	+094106	H 1	25548 L	18678	FO	93051716	163300	002000	435	G E-164,C-213,B-70
RSQIL	HD 115383	05	5.220	1314175	+094106	H 1	25553 L	17652	FO	93051817	172400	002000	506	G C-247,B-80
RSQIL	HD 115383	44	5.220	1314175	+094106	H 1	25562 L	18535	FO	93051917	170200	002000	536	G E-176,C-239,B-80
RSQIL	HD 115383	44	5.220	1314175	+094106	H 1	25567 L	17381	FO	93052017	173900	002000	X39	G E-207,C-1.5X,B-112
RSQIL	HD 115383	44	5.220	1314175	+094106	H 1	25577 L	17927	FO	93052117	172700	001500	439	G E-173,C-227,B-104
RSQIL	HD 115383	44	5.220	1314175	+094106	H 1	25582 L	18058	FO	93052217	170500	002000	X39	G E-209,C-1.5X,B-115
RSQIL	HD 115383	44	5.220	1314175	+094106	H 1	25587 L	17899	FO	93052317	170800	002000	X48	G E-205,C-1.5X,B-100
RSQIL	HD 115383	44	5.220	1314175	+094106	H 1	25600 L	17811	FO	93052520	202100	002000	542	G E-139,C-222,B-38
RSQIL	HD 115383	05	5.220	1314175	+094106	L 3	47633 L	18471	FO	93050922	222000	002700	420	G E-31,C-126,B-20
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47640 L	17931	FO	93051021	214100	006000	501	G C-210,B-23
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47658 L	17542	FO	93051219	195700	006000	530	G E-67,C-220,B-19
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47685 L	18575	FO	93051714	143500	009000	X33	G E-78,C-2.0K,B-43
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47689 L	16854	FO	93051815	153700	009000	X37	G E-120,C-2X,B-85
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47693 L	19006	FO	93051915	151300	009000	X35	G E-100,C-2X,B-70
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47701 L	17637	FO	93052015	155200	009000	X39	G E-191,C-2X,B-150
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47706 L	18065	FO	93052115	153700	009000	X29	G E-170,C-2X,B-160
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47712 L	17753	FO	93052215	153700	007000	X39	G E-152,C-1.5X,B-126
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47717 L	18160	FO	93052315	153700	007000	X39	G E-139,C-1.5X,B-106
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47722 L	18253	FO	93052415	153300	006000	X26	G E-100,C-1.5X,B-80
RSQIL	HD 115383	44	5.220	1314175	+094106	L 3	47735 L	17762	FO	93052518	185600	007000	X31	G E-68,C-1.5X,B-24
IAPWL	HD 115383	44	5.220	1314176	+094106	L 3	47989 L	15435	FO	93062817	173500	005000	541	G E-140,C-200,B-23
BE115	IRAS13224-	82	13.40	1322267	-380918	L 3	46830 L	00000	BD	93012706	060238	034500	302	V FESECK:6744,FO;
H0AL	SKY	07	00.00	1322267	-380918	L 1	24797 L	00000	BD	93012706	063442	025000	402	V FESECK:6744,FO;SEREN
BE115	SKY	07	99.99	1322267	-380918	L 1	24891 S	00000		93021106	063828	027500	205	V FESECK:7848,FO;
BE115	SKY	07	99.99	1322267	-380918	L 1	24891 L	00000		93021106	063828	027500	305	V FESECK:7848,FO;
RQ078	IRAS 1322-	82	15.00	1322267	-380918	E 9	02714 2	00000	BD	93052323	232500	016000		V FES FOR SWP47720
H0AL	SKY	07	99.99	1322267	-380918	L 1	25589 L	00000		93052400	001408	036000	103	V FESECK:273,FO; SEREN
RQ078	IRAS 1322-	82	15.00	1322267	-380918	L 3	47720 L	00000	BD	93052400	001212	039500	332	V FESECK:273,FO;
BNFB	INGMORES	70	12.50	1322453	-372040	H 3	47807 L	129	FO	93060505	054300	042500	448	G E-213,C-220,B-100
H0AL	SKY BKD	07		1323135	+551453	H 3	47876 L	1488	FU	93061520	202700	001145	01	G B-21
IMJC	HD 116852	13	8.460	1325396	-783555	L 1	25443 L	1628	FO	93042922	221200	000151	502	G C-244,B-36
IMJC	HD 116852	13	8.460	1325443	-783551	L 1	25425 L	1702	FO	93042722	221000	000054	402	G C-160,B-32
IMJC	HD 116852	13	8.460	1325443	-783551	L 1	25425 L	1618	FO	93042722	221900	000318	X02	G C-3X,B-32

IFO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
IMDC HD	116852	13	8.460	1325443	-783551	L 3	47561 L	1764	FO	93042722	223900	000130	500	G C-190,B-15
CVCL HD	117287	49	4.500	1326585	-230125	L 1	24686 L	691	FU	93010818	180900	003000	333	G E-66,C-69,B-43
CVCL HD	117287	49	4.500	1326585	-230125	L 1	24687 L	699	FU	93010819	192100	003000	302	G C-66,B-40
LAFWL HD	118216	40	5.000	1332339	+372617	L 3	47990 L	19476	FO	93062819	191800	000720	X30	G E-102,C-3X,B-15
ENSH	M83	80	11.30	1334100	-293641	L 3	46999 L	441	FO	93021918	184900	005000	300	G C-57,B-20
ENSH	M83	80	11.30	1334104	-293644	L 3	46998 L	472	FO	93021917	171500	005000	301	G C-94,B-21
ENSH	M83	80	11.30	1334107	-293644	L 3	47000 L	445	FO	93021920	202100	005000	300	G C-112,B-18
ENSH	M83	80	11.30	1334113	-293644	L 1	24968 L	446	FO	93021918	181200	003000	502	G C-202,B-39
ENSH	M83	80	11.30	1334113	-293644	L 3	46996 L	413	FO	93021914	143400	005000	401	G C-134,B-21
ENSH	M83	80	11.30	1334122	-293644	L 3	46997 L	462	FO	93021915	155400	005000	301	G C-100,B-23
PIIC0 UK UMA		63	12.40	1334420	+521006	L 1	24772 L	00000	EO	93012309	092625	002500		V FESECK:5708,FO;
OK9AK UK UMA		54	12.70	1334420	+521006	L 3	46762 L	0	EO	93011920	203400	003000	331	G E-110,C-80,B-22
PIIC0 UK UMA		63	12.40	1334420	+521006	L 3	46816 L	00000	EO	93012310	100233	005000		V FESECK:5708,FO;2 SEG
OR0IM UK UMA		54	12.70	1334420	+521006	L 3	46814 L	0	EO	93012301	014700	002500	300	G C-65,B-15
PIIC0 UK UMA		63	12.40	1334420	+521006	L 1	24773 L	00000	EO	93012311	110919	003000		V FESECK:5708,FO;2 SEG
EP003 HD118623		33	05.01	1335144	+363255	L 3	47377 L	25356	FO	93032807	070440	000110	500	V FESECK: 132, F/O;
EP003 HD118623		33	05.04	1335144	+363255	L 1	25220 L	24943	FO	93032807	071312	000007	501	V FESECK: 132, F/O;
ENSH ABELL36		70	11.50	1337574	-193747	L 1	24969 L	366	FO	93021922	225200	000300	502	G C-211,B-35
ENSH ABELL36		70	11.50	1337574	-193747	L 3	47001 L	363	FO	93021922	224200	000300	X00	G C-1.5X,B-16
ENSH ABELL36		70	11.50	1337574	-193747	L 3	47002 L	370	FO	93021923	232900	000300	X00	G C-1.5X,B-15
ENFB ABELL 36		70	11.87	1337578	-193733	H 3	47814 L	187	FO	93060606	061600	018000	407	G C-230,B-83
ENFB ABELL 36		70	11.87	1337578	-193733	H 3	47815 L	189	FO	93060609	094600	018000	406	G C-210,B-77
HCAL HD	00120315	21	1.840	1345343	+493344	H 1	24663 L	6761	FU	93010503	033500	000005	502	G C-229,B-39
HCAL HD	120315	21	1.840	1345343	+493344	H 1	24848 L	4225	FU	93020423	235100	000005	503	G C-200,B-41
HCAL HD	00120315	21	1.840	1345343	+493344	H 1	25217 L	4239	FU	93032801	010500	000005	502	G C-200,B-40
HCAL HD	00120315	21	1.840	1345343	+493344	H 1	25599 L	3570	FU	93052518	180600	000005	502	G C-217,B-39
HCAL HD	00120315	21	1.840	1345343	+493344	L 1	25707 L	22227	FU	93060914	141200	000000	403	G C-156,B-42
HCAL HD	00120315	21	1.840	1345343	+493344	L 1	25708 L	22219	FU	93060915	155400	000000	X05	G C-2.0X,B-67
HCAL HD	00120315	21	1.840	1345343	+493344	H 1	25746 L	3947	FU	93061519	192400	000005	502	G C-200,B-39
HCAL HD	00120315	21	1.840	1345343	+493344	H 3	46659 L	6789	FU	93010503	032900	000006	402	G C-169,B-32
HCAL HD	120315	21	1.840	1345343	+493343	H 3	46886 L	4206	FU	93020423	234500	000006	402	G C-160,B-32
HCAL HD	00120315	21	1.840	1345343	+493344	H 3	47373 L	4197	FU	93032801	011100	000006	402	G C-170,B-32
HCAL HD	00120315	21	1.840	1345343	+493344	H 3	47734 L	3579	FU	93052518	181200	000007	502	G C-197,B-34
HCAL HD	00120315	21	1.840	1345343	+493344	L 3	47840 L	22117	FU	93060914	143900	000000	500	G C-183,B-20
HCAL HD	00120315	21	1.840	1345343	+493344	L 3	47841 L	22370	FU	93060916	161100	000000	X02	G C-2.0X,B-32
HCAL HD	00120315	21	1.840	1345343	+493344	H 3	47875 L	3944	FU	93061519	192900	000006	402	G C-173,B-32
USBS HD	120307	20	3.400	1346297	-412621	H 1	24753 L	1262	FU	93011821	213800	000014	502	G C-220,B-40
UGES IC 1347		37	14.50	1347115	-125846	L 3	47919 L	0	EO	93062018	182800	011500	301	G C-54,B-27
PC177 HD121658		50	07.47	1354546	-560634	L 1	25408 L	03772	FO	93042506	065539	011200	111	V FESECK:170,FO;
USBS HD	121743	21	3.800	1355132	-415126	H 1	24755 L	945	FU	93011823	231200	000025	503	G C-238,B-42
USBS HD	122408	32	4.300	1359060	+014708	H 3	47028 L	1185	FU	93022315	154300	000548	301	G C-107,B-29
USBS HD	122408	32	4.300	1359060	+014708	H 3	47078 L	487	FU	93030102	023800	001330	502	G C-203,B-35
SPOW HD	122980	20	4.360	1402590	-405627	L 1	24818 L	3401	FU	93013021	211900	000002	402	G C-160,B-32
SPOW HD	122980	20	4.360	1402590	-405627	L 1	24819 L	2606	FU	93013023	230600	000003	502	G C-250,B-34
SPOW HD	122980	20	4.360	1402590	-405627	L 3	46856 L	2867	FU	93013021	213300	000002	500	G C-180,B-15
SPOW HD	122980	20	4.360	1402590	-405627	L 3	46857 L	674	FU	93013023	235400	000002	500	G C-200,B-15
XRCBW FG 1407+265		85	15.70	1407069	+263230	L 1	25497 L	0	EO	93050907	072800	041000	09	G B-129
PC177 HD124268		50	06.92	1410437	-534155	L 1	25407 L	06143	FO	93042501	015000	021000	202	V FESECK:139,FO;
EP003 HD124675		31	04.50	1411415	+520124	L 3	47378 L	00000	EO	93032809	090019	000053	600	V FESECK: 5129, F/O;
EP003 HD124675		31	04.50	1411415	+520124	L 1	25221 L	00000	EO	93032809	090324	000005	501	V FESECK: 5129, F/O;

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmrestt	BCC	Comment
FA003	HDL25161	31	04.80	1414237	+513550	L 1	25222 L	00000	EO	93032810	102100	000007	501 V	FESBCK: 3902, F/O;
FA003	HDL25161	31	04.80	1414237	+513550	L 3	47379 L	00000	EO	93032810	101743	000100	600 V	FESBCK: 3902, F/O;
ENDEH	HE2-108	70	12.50	1414475	-515650	L 1	25380 L	163	FO	93042022	221600	003000	502 G	C-207, B-35
ENDEH	HE2-108	70	12.50	1414475	-515650	L 3	47512 L	175	FO	93042021	212700	004500	431 G	E-122, C-129, B-24
ENDEH	HE2-108	70	12.50	1414475	-515650	L 3	47513 L	168	FO	93042022	225100	004500	431 G	E-107, C-122, B-22
CBOEG	VW BOO	66	10.70	1415008	+124754	L 1	24795 L	589	FO	93012623	234700	006500	305 G	C-163, B-64
FQ110	NGC 5548	84	13.20	1415432	+252159	L 3	46639 L	00000	EO	93010108	080844	010000	360 V	FESBCK: 175, FO;
FQ110	NGC 5548	84	13.20	1415432	+252200	L 1	24645 L	00000	EO	93010110	100210	006000	451 V	FESBCK: 175, FO;
FQ100	NGC5548	84	13.00	1415432	+252200	L 3	46666 L	00000	EO	93010609	092856	001200	350 V	FESBCK: 251, FO
FQ100	NGC 5548	84	13.00	1415432	+252200	L 1	24670 L	00000	EO	93010611	113731	006000	450 V	FESBCK: 251, FO;
FQ099	NGC 5548	84	13.50	1415432	+252200	L 3	46697 L	00000	EO	93011008	084551	012000	350 V	FESBCK: 171, FO;
FQ100	NGC 5548	84	12.00	1415432	+252200	L 3	46740 L	00000	EO	93011610	105147	004000	330 V	FESBCK: 716, FO; NO GUI
FQ100	NGC5548	84	13.50	1415432	+252200	L 3	46865 L	00000	EO	93020109	092425	012000	350 V	FESBCK: 6160, FO;
FQ100	NGC5548	84	13.50	1415434	+252200	L 3	46711 L	00000	EO	93011208	081647	012000	350 V	FESBCK: 166, FO;
FQ100	NGC5548	84	13.50	1415434	+252200	L 1	24717 L	00000	EO	93011210	102845	006000	450 V	FESBCK: 706, SO;
FQ110	NGC 5548	84	13.50	1415434	+252200	L 3	46712 L	00000	EO	93011211	071820	012000	350 V	FESBCK: 677, SO;
FQ110	NGC5548	84	13.50	1415434	+252200	L 1	24718 L	00000	EO	93011213	134625	006000	450 V	FESBCK: 677, SO;
FQ009	NGC5548	84	11.00	1415434	+252200	L 3	47274 L	00000	EO	93031403	034925	012000	350 V	FESBCK: 407, SO;
HCAL	SKY	07	00.00	1415434	+252200	L 1	25087 L	00000	EO	93031403	035108	009000	101 V	FESBCK: 407, SO;
FQ009	NGC5548	84	13.50	1415434	+252200	L 3	47448 L	00000	EO	93040902	021554	010000	350 V	FESBCK: 380, SO
FQ009	NGC5548	84	13.50	1415434	+252220	L 1	25305 L	00000	EO	93040900	040238	005500	000 V	ANTENNA PROBLEM
FQ009	NGC5548	84	13.50	1415434	+252200	L 3	47421 L	00000	EO	93040502	022411	003200	220 V	FESBCK: 425, SO;
FQ009	NGC5548	84	13.50	1415434	+252200	L 1	25270 L	00000	EO	93040503	030303	006000	341 V	FESBCK: 425, SO;
FQ009	NGC 5548	84	13.50	1415434	+252200	L 1	25514 L	00000	EO	93051023	235306	006000	350 V	FESBCK: 227, FO;
FQ009	NGC5548	84	13.50	1415434	+252200	L 1	25569 L	00000	EO	93052023	233833	006500	341 V	FESBCK: 275, FO;
FQ009	NGC5548	84	11.00	1415435	+252201	L 1	25088 L	00000	EO	93031405	055432	006000	341 V	FESBCK: 407, SO;
MDCU	NEC 5548	84	13.20	1415435	+252201	L 1	24708 L	0	EO	93011117	173900	006000	453 G	E-234, C-160, B-42
FQ009	NGC5548	84	13.50	1415435	+252201	L 3	47459 L	00000	EO	93041103	030222	009000	340 V	FESBCK: 417, SO;
ENCBP	NEC 5548	84	13.50	1415435	+252201	H 1	25158 L	0	EO	93032013	132400	005000	342 G	E-178, C-111, B-40
FQ009	NEC 5548	84	13.50	1415435	+252201	L 1	25318 L	00000	EO	93041104	043759	002200	330 V	FESBCK: 417, SO;
ENCBP	NEC 5548	84	13.50	1415435	+252201	L 1	25174 L	0	EO	93032213	132300	005000	343 G	E-186, C-130, B-44
FQ009	NEC 5548	84	13.50	1415435	+252201	L 1	25337 L	00000	EO	93041303	034240	006000	341 V	FESBCK: 443, SO
ENCBP	NEC 5548	84	13.50	1415435	+252201	L 1	25191 L	0	EO	93032413	133300	006000	453 G	E-212, C-151, B-41
FQ009	NEC 5548	84	13.50	1415435	+252201	L 3	47474 L	00000	EO	93041301	015813	010000	340 V	FESBCK: 443, SO;
ENCBP	NEC 5548	84	13.50	1415435	+252201	L 1	25207 L	0	EO	93032613	131800	005500	353 G	E-218, C-129, B-44
FQ009	NEC 5548	84	10.00	1415435	+252201	L 3	47422 L	00000	EO	93040504	042620	010000	340 V	FESBCK: 425, SO
ENCBP	NEC 5548	84	13.50	1415435	+252201	L 1	25223 L	0	EO	93032813	130100	005500	343 G	E-168, C-113, B-45
FQ009	NGC5548	84	13.50	1415435	+252201	L 1	25286 L	00000	EO	93040706	060853	005500	340 V	FESBCK: 395, SO;
ENCBP	NEC 5548	84	13.50	1415435	+252201	L 1	25263 L	0	EO	93040323	232500	006000	453 G	E-222, C-150, B-41
FQ009	NGC5548	84	13.50	1415435	+252201	L 3	47434 L	00000	EO	93040707	071113	009500	350 V	FESBCK: 395, SO;
ENCBP	NEC 5548	84	13.50	1415435	+252201	L 1	25351 L	182	SO	93041511	115100	006000	342 G	E-181, C-113, B-40
FQ009	NEC 5548	84	13.50	1415435	+252201	L 1	25472 L	00000	EO	93050503	030632	006500	451 V	FESBCK: 235, FO;
ENCBP	NEC 5548	84	13.50	1415435	+252201	L 1	25358 L	0	EO	93041712	120900	006000	344 G	E-184, C-120, B-52
FQ009	NEC 5548	84	13.50	1415435	+252201	L 3	47606 L	00000	EO	93050501	012732	009000	350 V	FESBCK: 235, FO;
ENCBP	NEC 5548	84	13.50	1415435	+252201	L 1	25367 L	0	EO	93041911	114600	006000	343 G	E-161, C-98, B-41
FQ009	NGC5548	84	14.49	1415435	+252201	L 1	25496 L	00029	SO	93050903	035923	006500	450 V	FESBCK: 411, SO;
ENCBP	NEC 5548	84	13.50	1415435	+252201	L 1	25383 L	0	EO	93042111	114100	006000	343 G	E-168, C-119, B-47
FQ009	NGC5548	84	14.49	1415435	+252201	L 3	47629 L	00029	SO	93050905	050957	010000	350 V	FESBCK: 411, SO;
ENCBP	NEC 5548	84	13.50	1415435	+252201	L 1	25399 L	0	EO	93042311	112700	006500	343 G	E-170, C-114, B-45
FQ009	NEC 5548	84	13.50	1415435	+252201	L 3	47618 L	00000	EO	93050705	051629	009000	350 V	FESBCK: 272, FO



FO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmrestt	ICC	Comment
ENCEP NGC	5548	84	13.50	1415435	+252201	L 1	25409 L	0	EO	93042511	114500	006500	343	G E-178,C-129,B-49
RQ009 NGC	5548	84	13.50	1415435	+252201	L 1	25483 L	00000	EO	93050704	040731	006500	451	V FESECK:272,FO
ENCEP NGC	5548	84	13.50	1415435	+252201	L 1	25422 L	0	EO	93042711	112000	006500	343	G E-187,C-137,B-43
RQ009 NGC	5548	84	13.50	1415435	+252201	L 3	47641 L	00000	EO	93051101	010514	010000	350	V FESECK:227,FO;
ENCEP NGC	5548	84	13.50	1415435	+252201	L 1	25440 L	0	EO	93042911	111800	006500	353	G E-201,C-119,B-44
RQ009 NGC	5548	84	13.50	1415435	+252201	L 3	47704 L	00000	EO	93052100	004815	010000	350	V FESECK:275,FO;
ENCEP NGC	5548	84	13.50	1415435	+252201	L 1	25452 L	0	EO	93050109	095100	006500	342	G E-182,C-128,B-39
RQ009 NGC	5548	84	13.50	1415435	+252201	L 1	25595 L	00000	EO	93052505	055518	005200	351	V FESECK:217,FO;
ENCEP NGC	5548	84	13.50	1415435	+252201	L 1	25464 L	0	EO	93050309	094700	006500	453	G E-221,C-148,B-42
RQ009 NGC	5548	84	13.50	1415435	+252201	L 3	47728 L	00000	EO	93052504	041824	009000	350	V FESECK:217,FO;
ENCEP NGC	5548	84	13.50	1415435	+252201	L 1	25531 L	0	EO	93051509	093600	006500	453	G E-207,C-149,B-49
RQ009 NGC	5548	84	13.50	1415435	+252201	L 3	47743 L	00000	EO	93052623	235855	010000	350	V FESECK:202,FO;
ENCEP NGC	5548	84	13.50	1415435	+252201	L 1	25547 L	0	EO	93051709	094000	006500	453	G E-217,C-147,B-41
RQ009 NGC	5548	84	13.50	1415435	+252201	L 1	25607 L	00000	EO	93052701	014359	006500	351	V FESECK:202,FO
ENCEP NGC	5548	84	13.50	1415435	+252201	L 1	25556 L	0	EO	93051909	091100	006500	353	G E-194,C-131,B-42
RQ009 NGC	5548	84	13.50	1415435	+252201	L 1	25522 L	00000	EO	93051300	002429	006500	351	V FESECK:263,FO;
ENCEP NGC	5548	84	13.50	1415435	+252201	L 1	25575 L	0	EO	93052107	074700	006500	354	G E-228,C-151,B-52
RQ009 NGC	5548	84	13.50	1415435	+252201	L 3	47660 L	00000	EO	93051301	013556	009000	350	V FESECK:263,FO;
ENCEP NGC	5548	84	13.50	1415435	+252201	L 1	25585 L	0	EO	93052307	075200	006000	343	G E-180,C-138,B-45
MCOU NGC	5548	84	13.20	1415435	+252201	L 3	46708 L	0	EO	93011115	155600	010000	352	G E-238,C-121,B-33
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47290 L	0	EO	93031612	125900	002800	330	G E-70,C-48,B-15
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47305 L	0	EO	93031812	121400	006000	342	G E-150,C-82,B-37
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47324 L	0	EO	93032012	120000	008000	341	G E-177,C-68,B-29
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47333 L	0	EO	93032211	115900	008000	341	G E-150,C-83,B-28
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47349 L	0	EO	93032412	120600	008000	351	G E-196,C-73,B-30
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47364 L	0	EO	93032611	115400	008000	351	G E-181,C-68,B-25
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47380 L	0	EO	93032811	113800	008000	341	G E-161,C-68,B-29
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47387 L	0	EO	93033015	154400	006000	341	G E-128,C-50,B-25
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47402 L	0	EO	93040119	194000	007000	344	G E-169,C-98,B-59
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47414 L	0	EO	93040321	214400	009000	342	G E-177,C-80,B-39
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47488 L	47	SO	93041510	102300	008000	341	G E-150,C-59,B-28
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47496 L	0	EO	93041710	102200	008000	333	G E-133,C-74,B-41
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47505 L	0	EO	93041910	102200	008000	331	G E-121,C-55,B-29
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47517 L	0	EO	93042110	101600	008000	341	G E-136,C-64,B-25
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47532 L	0	EO	93042309	095900	008500	341	G E-158,C-65,B-26
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47544 L	0	EO	93042510	101500	008500	351	G E-188,C-79,B-23
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47557 L	0	EO	93042709	095000	008500	351	G E-201,C-77,B-22
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47568 L	0	EO	93042909	095200	008000	341	G E-142,C-102,B-21
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47577 L	0	EO	93050108	081500	008500	341	G E-147,C-67,B-27
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47595 L	0	EO	93050308	081100	008500	352	G E-187,C-98,B-31
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47672 L	0	EO	93051508	080600	008500	351	G E-199,C-94,B-29
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47684 L	188	SO	93051708	081100	008500	541	G E-174,C-182,B-28
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47692 L	0	EO	93051907	074100	008500	341	G E-168,C-70,B-24
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47705 L	0	EO	93052108	085500	008500	351	G E-184,C-79,B-28
ENCEP NGC	5548	84	13.50	1415435	+252201	L 3	47716 L	0	EO	93052308	085400	008500	351	G E-188,C-73,B-27
USSBS HD	125238	21	3.550	1416114	-454942	H 1	24754 L	1088	FU	93011822	222400	000025	503	G C-236,B-41
USSBS HD	125337	35	4.500	1416240	-130831	H 1	25028 L	419	FU	93030101	012000	000718	502	G C-226,B-38
USSBS HD	125337	35	4.500	1416240	-130831	H 3	47077 L	425	FU	93030100	004800	001700	502	G C-213,B-35
NCL84 NULL		99	99.99	1420518	-253352	2	18707 L	00000	FO	93022605	054800	000000	000	V FESECK:266,FO;
NCL84 SPO	83337	30	09.65	1422309	+255359	L 2	18708 L	00541	FO	93022606	063509	004000	700	V FESECK:206,FO;



PRO	Object	CL	MAG	R.A.	DEC	D C Image A	FES	MD	Obs.date	Exptim	mmmsstt	ICC	Comment
ELOGM QBD	1426+428	87	16.50	1426359	+425346	L 3 46642 L	0	EO	93010118	185100	018700	302	G C-75,B-38
SPOCW HD	127700	47	4.250	1427362	+755505	L 1 25727 L	744	FU	93061217	175800	003300	X22	G E-2X,C-1.5X,B-40
SPOCW HD	127700	47	4.250	1427362	+755505	L 1 25727 S	748	FU	93061218	185700	001000	332	G E-94,C-76,B-40
EHCAL HD	127381	20	4.600	1429138	-501412	H 3 47374 L	541	FU	93032802	023300	000050	402	G C-180,B-35
EHCAL HD	127381	20	4.600	1429139	-501412	H 1 25085 L	698	FU	93031319	194900	000050	X03	G C-1.5X,B-44
EHCAL HD	127381	20	4.600	1429139	-501412	H 1 25751 L	371	FU	93061618	183200	000050	503	G C-240,B-41
EHCAL HD	127381	20	4.600	1429139	-501412	H 3 47881 L	364	FU	93061618	184100	000050	502	G C-221,B-31
QA087 HD	127762	33	03.00	1430038	+383134	H 1 25820 L	00000	EO	93062802	021100	000200	501	V FESECK:20925,FO
QA087 HD	127762	33	03.00	1430038	+383134	H 3 47983 L	00000	EO	93062801	014853	000500	500	V FESECK:20925,FO
TBOIS HD	127739	40	5.920	1430161	+222845	L 3 46688 L	11466	FO	93010906	060200	000600	301	G C-108,B-22
RCEW V854 CEN		52	13.50	1431415	-392013	L 1 24767 L	0	EO	93012120	204800	015500	334	G E-101,C-86,B-55
DEGC V854 CEN		52	9.600	1431415	-392013	L 1 25011 L	1436	FO	93022613	135900	009000	405	G C-214,B-67
DEGC V854 CEN		52	9.600	1431415	-392013	L 1 25012 L	1333	FO	93022616	162800	012000	X05	G C-1.5X,B-61
DEGC V854 CEN		52	9.600	1431415	-392013	L 1 25013 L	1202	FO	93022619	190600	010500	X06	G C-1.5X,B-79
DEGC V854 CEN		52	9.300	1431415	-392013	L 1 25057 L	1567	FO	93030412	120500	006000	403	G C-185,B-50
DEGC V854 CEN		52	9.300	1431415	-392013	L 1 25058 L	1557	FO	93030413	134300	013500	X05	G C-2X,B-70
DEGC V854 CEN		52	9.300	1431415	-392013	L 1 25059 L	0	FO	93030416	162600	014000	X05	G C-2X,B-65
RCEW V854 CEN		52	8.200	1431415	-392013	L 1 25159 L	1440	FO	93032019	194800	006000	X05	G C-2X,B-61
RCEW V854 CEN		52	8.200	1431415	-392013	L 1 25160 L	1416	FO	93032021	215700	003000	503	G C-220,B-50
RCEW V854 CEN		52	8.200	1431415	-392013	L 1 25161 L	1491	FO	93032101	014600	006000	X02	G C-2X,B-40
DEGC V854 CEN		52	7.800	1431415	-392013	L 1 25319 L	2461	FO	93041110	100800	012000	X35	G E-113,C-2X,B-68
DEGC V854 CEN		52	7.800	1431415	-392013	L 1 25320 L	0	EO	93041115	152600	001500	502	G C-229,B-38
DEGC V854 CEN		52	7.500	1431415	-392013	H 1 25355 L	2432	FO	93041610	100400	041000	409	G C-232,B-117
RCEW V854 CEN		52	7.500	1431415	-392013	H 1 25658 L	3102	FO	93060205	053700	043000	409	G C-236,B-110
RCEW V854 CEN		52	13.50	1431415	-392013	L 3 46793 L	0	EO	93012123	232900	015500	233	G E-79,C-65,B-45
RCEW V854 CEN		52	8.200	1431415	-392013	L 3 47326 L	1421	FO	93032020	205200	006000	303	G C-64,B-41
RCEW V854 CEN		52	8.200	1431415	-392013	L 3 47327 L	1443	FO	93032022	223200	019000	333	G E-94,C-80,B-44
DEGC V854 CEN		52	7.800	1431415	-392013	L 3 47461 L	2469	FO	93041112	121800	018000	4?4	G E-56,C-182,B-60
DEGC V854 CEN		52	7.800	1431415	-392013	L 3 47462 L	0	EO	93041115	155400	006000	302	G C-86,B-34
SUEG HD	128620	44	0.000	1435501	-603718	H 3 47049 L	0	EO	93022523	231600	006000	X29	G E-154,C-3X,B-161
SUEG HD	128620	44	0.000	1435506	-603715	H 1 25007 L	0	EO	93022600	005100	000050	X43	G E-188,C-2.5X,B-42
EHCAL HD	00128801	28	8.800	1436203	+080739	L 1 25660 L	838	FO	93060215	154100	000135	402	G C-173,B-33
EHCAL HD	00128801	28	8.800	1436203	+080739	L 1 25660 S	834	FO	93060215	155200	000310	402	G C-142,B-33
EHCAL HD	00128801	28	8.800	1436203	+080739	L 1 25661 L	1383	FO	93060216	163600	000135	402	G C-173,B-35
EHCAL HD	00128801	28	8.800	1436203	+080739	L 1 25661 S	1378	FO	93060216	164600	000310	302	G C-108,B-35
SUEG HD	129333	44	7.530	1437553	+643024	H 1 25003 L	3398	FO	93022503	031000	008500	334	G E-135,C-140,B-52
SUEG HD	129333	44	7.530	1437553	+643024	H 1 25008 L	3549	FO	93022601	015900	009000	433	G E-139,C-147,B-45
CHREG V677CEN		66	11.60	1439242	-401432	L 1 24794 L	257	FO	93012620	203700	012000	X03	G C-2X,B-50
QQ027 MRN 478		85	15.00	1440045	+353907	L 3 47944 L	00000	EO	93062402	022834	011500	350	V FESECK:14855,FO;
ELOGM MRN 478		84	14.70	1440045	+353907	L 1 24646 L	0	EO	93010116	162100	006500	303	G C-120,B-44
ELOGM MRN178		84	14.70	1440045	+353907	L 3 46641 L	0	EO	93010117	170600	004500	341	G E-147,C-49,B-26
FO081 HD129456		47	04.10	1440353	-345742	L 3 47280 L	00000	EO	93031503	034443	042000	333	V FESECK:458,FO;
EHCAL SKY		07	99.99	1440353	-345742	L 1 25093 L	00000	EO	93031503	034652	039000	106	V FESECK:458,FO;
FO081 HD129456		47	04.10	1440353	-345742	E 9 02703 2	00000	EO	93031503	033000	016000		V FESECK:458,FO;
FO081 HD129456		47	04.10	1440354	-345742	H 1 25082 L	00000	EO	93031304	040152	007000	341	V FESECK:3289,FO
FO081 HD129456		47	04.10	1440354	-345742	H 1 25083 L	00000	EO	93031305	054802	030000	364	V FESECK:3289,FO;
CCOFT V553 CEN		53	8.400	1443320	-315742	L 1 25046 L	1535	FO	93030302	021800	001800	402	G C-170,B-39
CCOFT V553 CEN		53	8.400	1443320	-315742	L 1 25233 L	1172	FO	93033000	000400	001100	402	G C-170,B-33
CCOFT V553 CEN		53	8.400	1443320	-315742	L 1 25234 L	1152	FO	93033000	005100	001300	502	G C-190,B-34
CCOFT V553 CEN		53	8.400	1443320	-315742	L 1 25235 L	1130	FO	93033001	013900	001400	502	G C-195,B-34

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	EOC	Comment
COOPT V553	CEN	53	8.400	1443320	-315742	L 1	25236 L	1109	FO	93033002	023100	001600	502 G	C-210,B-35
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	24858 L	1146	FO	93020620	201100	001500	402 G	C-180,B-35
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	24866 L	1089	FO	93020819	193000	001500	402 G	C-150,B-37
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	24876 L	1483	FO	93020921	214800	000600	502 G	C-212,B-34
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	24877 L	1525	FO	93020922	222800	000600	502 G	C-220,B-38
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	24878 L	1530	FO	93020923	230700	000600	503 G	C-214,B-48
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	24879 L	1554	FO	93020923	234500	000700	505 G	C-244,B-63
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	24880 L	1575	FO	93021000	002400	000500	405 G	C-211,B-66
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	24881 L	1589	FO	93021001	010300	000500	404 G	C-202,B-57
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	24882 L	1594	FO	93021001	014000	000600	503 G	C-202,B-44
COOPT V553	CEN	53	8.500	1443322	-315742	L 1	24883 L	1862	FO	93021004	042400	000700	502 G	C-190,B-32
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	24983 L	2202	FO	93022203	035000	001000	X02 G	C-1.5X,B-34
COOPT V553	CEN	53	8.400	1443322	-315742	L 1	25044 L	1820	FO	93030223	234500	000800	402 G	C-170,B-37
CD21Z HARSHIPAR		26	13.11	1444537	+233409	L 1	24692 L	0	EO	93010905	050000	003000	502 G	C-245,B-37
CD21Z HARSHIPAR		26	13.11	1444537	+233409	L 3	46687 L	239	FO	93010904	042100	002500	500 G	C-225,B-15
RSOJL HD131156		44	04.99	1449050	+191826	L 3	47659 L	25580	FO	93051221	213624	007200	450 V	STARTED AT GEFIC REFD
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25501 L	26244	FO	93050919	190800	000900	444 G	E-165,C-155,B-55
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25502 L	27171	FO	93050920	204000	001200	442 G	E-186,C-163,B-36
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25512 L	26039	FO	93051019	192400	001000	443 G	E-168,C-160,B-43
RSOJL HD	131156	05	4.700	1449050	+191826	H 1	25524 L	27082	FO	93051318	181800	001200	448 G	E-216,C-214,B-92
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25549 L	26706	FO	93051719	191000	001200	453 G	E-214,C-168,B-41
RSOJL HD	131156	05	4.700	1449050	+191826	H 1	25554 L	25944	FO	93051819	194300	001200	452 G	E-215,C-178,B-38
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25563 L	26144	FO	93051919	193100	001200	452 G	E-184,C-160,B-32
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25568 L	26146	FO	93052019	195200	001200	552 G	E-194,C-188,B-36
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25578 L	26001	FO	93052119	193600	001200	452 G	E-198,C-174,B-40
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25583 L	26090	FO	93052219	192900	001200	452 G	E-202,C-185,B-36
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25588 L	26599	FO	93052319	194200	001200	542 G	E-187,C-191,B-37
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25591 L	26216	FO	93052418	185100	001200	443 G	E-184,C-190,B-41
RSOJL HD	131156	44	4.700	1449050	+191826	H 1	25601 L	26536	FO	93052522	223500	001200	452 G	E-190,C-172,B-35
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47632 L	27440	FO	93050920	200800	006000	441 G	E-135,C-136,B-22
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47639 L	26337	FO	93051019	194200	004500	332 G	E-118,C-100,B-32
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47659 L	25580	FO	93051221	213600	007200	G	
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47664 L	27054	FO	93051318	184600	009000	554 G	E-228,C-211,B-55
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47668 L	25368	FO	93051417	175100	006000	349 G	E-241,C-230,B-138
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47686 L	27722	FO	93051717	173100	009000	X39 G	E-174,C-1.5X,B-135
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47690 L	25916	FO	93051818	182500	007000	434 G	E-95,C-191,B-55
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47694 L	26570	FO	93051917	175400	009000	438 G	E-125,C-230,B-92
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47702 L	25996	FO	93052018	183300	007000	446 G	E-212,C-197,B-71
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47707 L	26207	FO	93052118	181700	007000	448 G	E-210,C-213,B-100
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47713 L	26787	FO	93052217	175900	008000	XX9 G	E-1.5X,C-1.5X,B-128
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47718 L	26404	FO	93052318	180300	009000	448 G	E-240,C-240,B-99
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47723 L	26087	FO	93052417	174300	006000	448 G	E-201,C-212,B-96
RSOJL HD	131156	44	4.700	1449050	+191826	L 3	47736 L	26666	FO	93052521	211600	007500	450 G	E-177,C-160,B-20
LAFWL HD	131873	47	2.080	1450494	+742136	L 3	47991 L	2482	FU	93062820	201100	002230	250 G	E-209,C-33,B-15
RSOJL HD	131511	46	6.010	1451075	+192115	L 3	47665 L	10215	FO	93051320	205800	008500	332 G	E-63,C-59,B-36
RSOJL HD	131511	46	6.010	1451075	+192115	L 3	47587 L	10193	FO	93051720	200200	012000	321 G	E-49,C-70,B-30
RSOJL HD	131511	05	6.010	1451075	+192115	L 3	47591 L	9757	FO	93051820	202000	014500	333 G	E-89,C-78,B-42
RSOJL HD	131511	46	6.010	1451075	+192115	L 3	47595 L	9802	FO	93051920	200900	016000	332 G	E-95,C-77,B-40
RSOJL HD	131511	46	6.010	1451075	+192115	L 3	47703 L	9577	FO	93052020	202600	014000	332 G	E-96,C-80,B-33
RSOJL HD	131511	46	6.010	1451075	+192115	L 3	47708 L	9413	FO	93052120	201000	015500	332 G	E-86,C-79,B-39

PRO	Object	CL	MPG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
RSOJL HD	131511	46	6.010	1451075	+192115	L 3	47714 L	9213	FO	93052220	200800	016000	332 G	E-103,C-83,B-33
RSOJL HD	131511	46	6.010	1451075	+192115	L 3	47719 L	9820	FO	93052320	201800	015000	331 G	E-90,C-80,B-30
RSOJL HD	131511	46	6.010	1451075	+192115	L 3	47731 L	9707	FO	93052511	114100	015000	332 G	E-103,C-80,B-40
GAEDT QSO	1451-375	85	16.70	1451183	-373522	L 3	47939 L	0		93062306	061400	039000	336 G	E-113,C-105,B-73
FC193 RE	1501-43	48	11.90	1457578	-432742	L 1	25813 L	00000	EO	93062622	221005	002000	131 V	FESBCK:625,FO;
FC193 RE	1501-43	46	08.95	1457578	-432742	L 3	47971 L	01011	EO	93062622	022442	001500	111 V	FESBCK:625,FO;
FQ057 MN	841	84	15.50	1501363	+103757	L 3	46873 L	00000	EO	93020209	092545	014200	551 V	FESBCK:10146,FO;
FQ057 MN	841	84	15.50	1501363	+103757	L 3	46910 L	00000	EO	93021005	055131	012000	350 V	FESBCK:7596,FO;
FQ057 MN	841	84	15.50	1501363	+103757	L 1	24884 L	00000	EO	93021007	075736	006000	440 V	FESBCK:7596,FO;
FC177 HD	134453	50	05.55	1509291	-695335	L 1	25400 L	18153	FO	93042401	015110	009000	111 V	FESBCK:220,FO;
CEORG BW/BMDRA		66	8.600	1510493	+620252	L 1	24796 L	0	EO	93012701	015400	000850	403 G	C-182,B-41
HICAL HD	135240	12	5.200	1512529	-604626	H 1	25752 L	20961	FO	93061619	195300	000120	502 G	C-209,B-39
HICAL HD	135240	12	5.200	1512529	-604626	H 3	47882 L	20909	FO	93061620	200000	000120	401 G	C-159,B-30
FR003 HD	135379	30	04.10	1513348	-583658	L 1	25218 L	00000	EO	93032804	041346	000003	500 V	FESBCK: 5645, F/O;
FR003 HD	135379	30	04.10	1513348	-583658	L 3	47375 L	00000	EO	93032804	040722	000020	600 V	FESBCK: 5645, F/O;
HICAL HD	135591	12	5.500	1514461	-601852	H 1	25759 L	17669	FO	93061720	201600	000215	503 G	C-242,B-41
HICAL HD	135591	12	5.500	1514461	-601852	H 3	47889 L	17439	FO	93061720	202300	000215	502 G	C-211,B-36
USBS	UU CRB	41	8.600	1520508	+314352	L 1	24845 L	1412	FO	93020418	184700	000700	X02 G	C-1.5X,B-35
HICAL HD	00137389	36	5.900	1521410	+621328	L 1	24854 L	12264	FO	93020523	232200	000010	502 G	C-200,B-33
HICAL HD	00137389	36	5.900	1521410	+621328	L 3	46889 L	12272	FO	93020523	232700	000017	400 G	C-140,B-15
USBS HD	138690	21	2.800	1531480	-410001	H 1	24846 L	2068	FU	93020419	194200	000009	503 G	C-210,B-41
ENSH HE2-131	70	10.30	1531540	-714459	L 1	24970 L	548	FO	93022000	003400	000600	X02 G	C-2X,B-35	
ENSH HE2-131	70	10.30	1531540	-714459	L 3	47003 L	537	FO	93022001	010500	000600	500 G	C-187,B-16	
ENSH HE2-131	70	10.30	1531540	-714459	L 3	47004 L	527	FO	93022002	024100	000600	500 G	C-191,B-16	
SPOW HD	139669	47	4.960	1532513	+773059	L 1	25725 L	18725	FO	93061215	150500	006000	XX6 G	E-2X,C-1.5X,B-77
SPOW HD	139669	47	4.960	1532513	+773059	L 1	25726 S	18641	FO	93061216	164600	001000	233 G	E-103,C-63,B-44
SPOW HD	139669	47	4.960	1532513	+773059	L 1	25726 L	18550	FO	93061217	170200	001000	453 G	E-235,C-147,B-44
USBS HD	139365	21	3.700	1535347	-293653	H 1	24847 L	1001	FU	93020420	202600	000025	503 G	C-210,B-41
FC179 GL	593.1	47	05.35	1536191	-233926	H 1	24853 L	20680	FO	93020510	105636	003500	331 V	FESBCK:180,FO;
RCEW	R CRB	52	5.800	1546307	+281832	L 3	47786 L	10954	FO	93060107	073000	038500	X36 G	E-107,C-7X,B-76
HICAL ED	+33 2642	20	10.83	1550019	+330528	L 1	24660 L	332	FO	93010406	060200	000310	502 G	C-234,B-32
HICAL ED	+33 2642	20	10.83	1550019	+330528	L 1	24849 L	545	FO	93020501	015100	000310	402 G	C-185,B-39
HICAL ED	+33 2642	20	10.83	1550019	+330528	L 3	46656 L	332	FO	93010405	055100	000400	500 G	C-186,B-15
HICAL ED	+33 2642	20	10.80	1550019	+330528	L 3	46902 L	0	EO	93020900	003200	000400	00 G	B-18
HICAL ED	+33 2642	20	10.83	1550029	+330550	L 1	25216 L	548	FO	93032723	233700	000310	502 G	C-190,B-32
HICAL ED	+33 2642	20	10.83	1550029	+330550	L 1	25550 L	120	FO	93051722	224300	000310	G	
HICAL ED	+33 2642	20	10.83	1550029	+330550	L 1	25641 L	434	FO	93053116	165300	000310	502 G	C-223,B-35
HICAL ED	+33 2642	20	10.83	1550029	+330550	L 1	25730 L	216	FO	93061317	171300	000310	502 G	C-233,B-35
HICAL ED	+33 2642	20	10.83	1550029	+330550	L 3	47372 L	554	FO	93032723	234600	000400	400 G	C-150,B-12
HICAL ED	+33 2642	20	10.83	1550029	+330550	L 3	47780 L	424	FO	93053117	170100	000400	500 G	C-185,B-15
HICAL ED	+33 2642	20	10.83	1550029	+330550	H 3	47858 L	215	FO	93061317	172000	000400	500 G	C-200,B-15
USBS HD	141891	40	2.850	1550429	-631642	H 3	47021 L	1433	FU	93022201	015500	000820	502 G	C-224,B-33
ENSH HE2-138	70	11.00	1551189	-660026	L 3	47005 L	397	FO	93022003	034300	001000	400 G	C-120,B-17	
ENSH HE2-138	70	11.00	1551189	-660026	L 3	47006 L	396	FO	93022004	044000	001000	500 G	C-241,B-15	
CRSZ HD	142361	44	9.000	1552012	-233833	L 3	47023 L	1135	FO	93022213	134100	043000	337 G	E-142,C-164,B-90
FC055 RU	LUPT	58	11.27	1553244	-374036	L 3	47090 L	00128	FO	93030303	035142	034000	451 V	10975,FO;11 SEGMENTS
USBS HD	143118	21	3.400	1556480	-381520	H 1	24857 L	1256	FU	93020619	192000	000016	502 G	C-210,B-40
FC192 SPO	243278	44	08.00	1559251	-573819	L 3	47963 L	00000	EO	93062604	043816	001000	200 V	FESBCK:300,SO;
FC193 SPO	243278	44	08.00	1559251	-573818	L 1	25816 L	00000	EO	93062604	045359	000100	331 V	
FC193 RE	1603-21	46	08.95	1601060	-214732	L 1	25815 L	01011	FO	93062701	022442	001500	551 V	FESBCK:96,FO



PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	BCC	Comment
FC193 RE	1603-21	46	09.02	1601060	-214732	L 3	47972 L	00950	FO	93062701	011700	006000	221	V FESCK:96,FO;
LFORS	AG DRA	57	9.800	1601230	+665625	L 1	25022 L	982	FO	93022723	233900	000230	332	G B-80,C-79,B-37
LFORS	AG DRA	57	9.800	1601230	+665625	H 1	25065 L	970	FO	93031200	003000	007000	333	G B-135,C-85,B-42
LFORS	AG DRA	57	9.800	1601230	+665625	L 1	25310 L	1175	FO	93040922	222400	000400	332	G B-105,C-64,B-32
LFORS	AG DRA	57	9.800	1601230	+665625	L 1	25606 L	1540	FO	93052622	222100	000800	342	G B-154,C-106,B-31
LFORS	AG DRA	57	9.800	1601230	+665625	L 3	47069 L	982	FO	93022723	233400	000200	230	G B-87,C-24,B-13
LFORS	AG DRA	57	9.800	1601230	+665625	H 3	47264 L	996	FO	93031122	223200	011000	3X2	G B-1.5X,C-66,B-36
LFORS	AG DRA	57	9.800	1601230	+665625	L 3	47451 L	1159	FO	93040922	221300	000400	341	G B-140,C-42,B-21
LFORS	AG DRA	57	9.800	1601230	+665625	L 3	47742 L	1514	FO	93052622	221100	000500	250	G B-202,C-39,B-20
LFORS	AG DRA	57	9.800	1601231	+665623	L 1	25465 L	1483	FO	93050315	155900	000500	332	G B-124,C-80,B-32
LFORS	AG DRA	57	9.800	1601231	+665623	L 3	47597 L	1486	FO	93050315	154700	000500	250	G B-184,C-34,B-20
FC193 RE	1603-21	26	08.97	1602060	-214732	L 1	25814 L	00995	FO	93062700	003606	002200	651	V FESCK:96,FO
USSES HD	144217	20	2.900	1602315	-194013	H 1	24865 L	4158	FU	93020818	184200	000005	403	G C-160,B-42
ENSH NEC	6058	70	13.50	1602419	+404903	L 3	47522 L	0		93042122	220000	001000		G
ENSH NEC	6058	70	13.50	1602420	+404904	L 1	25385 L	0	BO	93042121	212800	002000	502	G C-223,B-35
ENSH NEC	6058	70	13.50	1602420	+404904	L 3	47521 L	0	BO	93042121	211000	001000	500	G C-200,B-12
COOPT	GR NCR	53	12.40	1604004	-584916	L 1	25576 L	324	FO	93052111	111000	022000	338	G B-151,C-120,B-94
COOPT	GR NCR	53	12.40	1604004	-584916	L 1	25586 L	312	FO	93052311	110200	023000	337	G B-153,C-118,B-88
ENSH	IC4593	70	10.60	1609233	+121208	L 1	25437 L	395	FO	93042900	001700	000230	502	G C-189,B-32
ENSH	IC4593	70	10.60	1609233	+121208	L 3	47566 L	407	FO	93042823	234100	000230	400	G C-160,B-15
ENSH	IC4593	70	10.60	1609233	+121208	L 3	47567 L	397	FO	93042900	002500	000330	500	G C-185,B-15
COOAB	H 14554	45	3.850	1610521	-633337	H 1	25631 L	398	FU	93053017	175800	001800	333	G B-125,C-144,B-46
COOAB	HD 145544	45	3.850	1610521	-633337	H 1	25632 L	370	FU	93053018	185000	004500	XX3	G B-1.5X,C-1.5X,B-47
XRCBW	SAO 102090	46	8.700	1617322	+175435	D 9	02712 2			93050707	071500	002000		G
XRCBW	1617+175	85	15.53	1617566	+173132	L 1	25629 L	0	BO	93053008	081300	039000	408	G C-215,B-100
XRCBW	RG 1617+175	85	15.53	1617566	+173134	L 3	47662 L	0	BO	93051307	075200	042000	348	G B-219,C-144,B-92
XRCBW	3C334	85	16.40	1618073	+174330	L 1	25484 L	0	BO	93050707	073600	043500	308	G C-185,B-96
XRCBW	3C334	85	16.40	1618073	+174330	L 3	47608 L	0	BO	93050507	074600	042500	345	G B-174,C-105,B-70
HCAL	TFLOOD	99		1620100	-390649	L 1	24643 S	0		93010101	011700	000025	09	G B-104
HCAL	TFLOOD	99		1620100	-390649	L 3	46636 S	0		93010102	023300	000005	09	G B-102
HCAL	-3810980	37	10.90	1620100	-390649	H 3	47010 L	350	FO	93022018	180200	017000	404	G C-190,B-59
HCAL	-38 1098	37	10.90	1620106	-390651	H 1	25084 L	673	FO	93031311	115800	021000	409	G C-240,B-104
HCAL	-3810980	37	10.90	1620106	-390651	H 3	47273 L	0	BO	93031316	161700	015000	405	G C-180,B-67
AHMS	HD 148478	49	0.900	1626200	-261911	H 1	24906 L	9748	FU	93021401	015700	000230	5X3	G B-1.5X,C-220,B-41
AHMS	HD 148478	49	0.960	1626200	-261911	L 1	24907 L	9770	FU	93021402	024400	000001	502	G C-227,B-32
AHMS	HD 148478	49	0.960	1626200	-261911	H 1	25042 L	9448	FU	93030221	214300	000230	5X2	G B-1.5X,C-230,B-39
AHMS	HD 148478	49	0.960	1626200	-261911	L 1	25043 L	9354	FU	93030222	221900	000001	552	G B-232,C-210,B-32
AHMS	HD 148478	49	0.960	1626200	-261911	L 1	25170 L	8505	FU	93032201	010600	000001	502	G C-195,B-32
AHMS	HD 148478	49	0.960	1626200	-261911	H 1	25171 L	8616	FU	93032201	014500	000230	553	G B-203,C-227,B-44
AHMS	HD 148478	49	0.960	1626200	-261911	H 1	25172 L	8595	FU	93032202	022400	000230	553	G B-196,C-217,B-44
AHMS	HD 148478	49	0.900	1626200	-261911	L 1	25333 L	9286	FU	93041221	213500	000001	502	G C-198,B-31
AHMS	HD 148478	49	0.960	1626200	-261911	H 1	25334 L	9273	FU	93041222	221800	000230	552	G B-189,C-206,B-36
AHMS	HD 148478	49	0.960	1626200	-261911	L 1	25393 L	10077	FU	93042223	232800	000001	302	G C-126,B-32
AHMS	HD 148478	49	0.960	1626200	-261911	H 1	25394 L	9594	FU	93042300	000400	000300	442	G B-180,C-148,B-39
AHMS	HD 148478	49	0.960	1626200	-261911	H 1	25395 L	9505	FU	93042300	004100	000230	543	G B-193,C-219,B-43
COOPT	RT TFA	53	9.800	1629540	-630200	L 1	24875 L	473	FO	93020920	202400	003500	402	G C-168,B-39
COOPT	RT TFA	53	9.800	1629550	-630145	L 1	24947 L	450	FO	93021719	192000	003000	302	G C-135,B-38
COOPT	RT TFA	53	9.800	1629552	-630145	L 1	24944 L	505	FO	93021714	140000	004000	402	G C-170,B-40
COOPT	RT TFA	53	9.800	1629552	-630145	L 1	24946 L	471	FO	93021718	180700	003500	402	G C-150,B-40
COOPT	RT TFA	53	9.800	1629552	-630145	L 1	24948 L	0	FO	93021720	201800	003500	402	G C-143,B-38

FEO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs. date	Exptim	mmmsstt	FOC	Comment
COOPT	RT TRA	53	9.800	1629552	-630145	L 1	25045 L	804	FO	93030300	005000	003000	402 G	C-170, B-35
HICAL	HD 00149438	20	2.840	1632459	-280650	H 1	25037 L	2551	FU	93030201	015100	000006	502 G	C-200, B-40
HICAL	HD 00149438	20	2.840	1632459	-280650	H 3	47088 L	2543	FU	93030201	015700	000006	501 G	C-210, B-26
ICEDW	HD 149404	13	5.470	1632511	-424527	L 1	25826 L	14394	FO	93062920	203300	000005	502 G	C-218, B-32
ICEDW	HD 149404	13	5.470	1632511	-424527	L 3	48001 L	14560	FO	93062920	202800	000020	500 G	C-221, B-14
EA174	HD 150193	30	09.23	1637165	-234756	L 1	25327 L	00786	FO	93041201	025100	000600	400 V	FESBCK:176, FO;
EA174	HD 150193	30	09.22	1637165	-234756	L 3	47468 L	00799	FO	93041201	014131	006000	500 V	FESBCK:176, FO;
EA174	HD 150193	30	09.22	1637165	-234756	L 3	47469 L	00796	FO	93041203	032630	009000	700 V	FESBCK:176, FO;
EA106	HD150168	23	06.25	1637527	-493321	H 3	47095 L	10781	FO	93030505	050823	000500	400 V	FESBCK:12823, FO
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47104 L	10881	FO	93030512	123000	000600	502 G	C-209, B-35
EA106	HD150168	23	06.18	1637527	-493321	H 3	47098 L	11353	FO	93030507	072741	000500	500 V	FESBCK:11000, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47107 L	11200	FO	93030514	145900	000600	502 G	C-216, B-35
EA106	HD150168	23	06.15	1637527	-493321	H 3	47101 L	11624	FO	93030509	095117	000600	500 V	FESBCK:10794, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47110 L	11454	FO	93030517	173200	000600	502 G	C-220, B-38
EA106	HD150168	23	06.26	1637527	-493321	H 3	47122 L	10689	FO	93030603	035121	000600	550 V	FESBCK:10993, FO;
RRCIM	HD 150168	23	5.600	1637527	-493321	H 3	47113 L	15821	FO	93030519	195700	000600	502 G	C-230, B-38
EA106	HD150168	23	06.23	1637527	-493321	H 3	47125 L	10930	FO	93030606	063534	000600	500 V	FESBCK:10993, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47116 L	15978	FO	93030522	224500	000600	503 G	C-220, B-44
EA106	HD150168	23	06.15	1637527	-493321	H 3	47147 L	11685	FO	93030702	021338	000600	500 V	FESBCK:11648, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47119 L	16079	FO	93030601	010700	000600	502 G	C-220, B-35
EA106	HD150168	23	05.65	1637527	-493321	H 3	47150 L	00000	BO	93030705	051322	000600	500 V	FESBCK:11648, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47129 L	11510	FO	93030613	131700	000600	502 G	C-218, B-35
EA106	HD150168	23	05.65	1637527	-493321	H 3	47153 L	00000	BO	93030707	075052	000600	500 V	FESBCK:11648, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47132 L	11185	FO	93030615	151800	000600	502 G	C-223, B-35
EA106	HD150168	23	05.65	1637527	-493321	H 3	47156 L	00000	BO	93030710	102831	000600	500 V	FESBCK:11648, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47135 L	11347	FO	93030617	172100	000600	502 G	C-223, B-35
EA106	HD 150168	23	05.65	1637527	-493321	H 3	47183 L	00000	BO	93030808	080058	000600	500 V	FESBCK:13000, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47138 L	11658	FO	93030619	193400	000600	502 G	C-224, B-36
EA106	HD 150168	23	05.65	1637527	-493321	H 3	47186 L	00000	BO	93030810	105125	000600	500 V	FESBCK:13000, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47141 L	11522	FO	93030621	214700	000600	502 G	C-217, B-39
EA106	HD 150168	23	05.82	1637527	-493321	H 3	47207 L	15085	FO	93030903	035509	000600	500 V	FESBCK:12702, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47144 L	11370	FO	93030623	235900	000600	502 G	C-232, B-36
EA106	HD 150168	23	05.81	1637527	-493321	H 3	47210 L	15172	FO	93030906	064333	000600	500 V	FESBCK:12600, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47159 L	13045	FO	93030713	130200	000600	502 G	C-223, B-36
EA106	HD 150168	23	05.65	1637527	-493321	H 3	47213 L	00000	BO	93030909	095127	000600	500 V	FESBCK:13500, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47162 L	12637	FO	93030715	152000	000600	502 G	C-228, B-35
EA106	HD 150168	23	05.65	1637527	-493321	H 3	47237 L	00000	BO	93031004	042336	000600	500 V	FESBCK:13898, FO; STAR
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47165 L	12822	FO	93030717	174500	000600	502 G	C-226, B-35
EA106	HD 150168	23	05.65	1637527	-493321	H 3	47240 L	00000	BO	93031006	065132	000600	500 V	FESBCK:13749, FO;
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47168 L	11250	FO	93030720	200400	000600	502 G	C-233, B-36
EA106	HD 150168	23	05.79	1637527	-493321	H 3	47180 L	15359	FO	93030805	000000	000000	500 V	FESBCK:1300, FO; COUNT
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47171 L	11477	FO	93030722	220900	000600	502 G	C-231, B-36
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47174 L	11653	FO	93030800	001500	000600	502 G	C-211, B-35
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47177 L	11288	FO	93030802	022500	000600	502 G	C-221, B-36
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47189 L	12719	FO	93030813	133200	000600	502 G	C-224, B-36
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47192 L	12969	FO	93030815	154600	000600	502 G	C-238, B-35
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47195 L	12901	FO	93030818	180600	000600	502 G	C-236, B-35
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47198 L	11794	FO	93030820	202500	000600	502 G	C-232, B-36
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47201 L	11918	FO	93030822	224400	000600	502 G	C-220, B-36
RRCIM	HD 150168	23	5.650	1637527	-493321	H 3	47204 L	12713	FO	93030901	010400	000600	502 G	C-236, B-37

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	RC	Comment
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47216 L	13187	FO	93030912	122500	000600	502 G	C-222, B-35
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47219 L	13065	FO	93030914	143400	000600	502 G	C-228, B-35
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47222 L	10959	FO	93030916	164600	000600	502 G	C-228, B-36
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47225 L	11466	FO	93030918	185400	000600	502 G	C-235, B-36
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47228 L	12292	FO	93030921	211000	000600	502 G	C-231, B-37
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47231 L	11955	FO	93030923	232300	000600	502 G	C-225, B-36
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47234 L	13124	FO	93031001	014800	000600	502 G	C-221, B-36
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47244 L	13079	FO	93031013	132900	000600	502 G	C-228, B-36
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47247 L	11064	FO	93031015	154400	000600	502 G	C-226, B-36
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47250 L	13065	FO	93031017	175800	000600	502 G	C-226, B-35
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47253 L	13121	FO	93031020	201400	000600	502 G	C-224, B-36
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47256 L	13109	FO	93031022	221900	000600	502 G	C-229, B-39
RRCIM HD	150168	23	5.650	1637527	-493321	H 3	47259 L	12278	FO	93031100	002800	000600	502 G	C-219, B-35
ENSH NGC	6210	70	9.900	1642237	+235329	L 1	24974 L	793	FO	93022101	013400	000600	502 G	C-193, B-33
ENSH NGC	6210	70	9.500	1642237	+235329	L 1	25136 L	646	FO	93042821	215600	000900	X02 G	C-1.5X, B-33
ENSH NGC	6210	70	9.900	1642237	+235329	L 3	47013 L	792	FO	93022101	012000	000600	440 G	B-130, C-160, B-15
ENSH NGC	6210	70	9.900	1642237	+235329	L 3	47014 L	787	FO	93022102	020800	000600	440 G	B-144, C-161, B-15
ENSH NGC	6210	70	9.500	1642237	+235329	L 3	47565 L	633	FO	93042822	223000	000800	550 G	B-232, C-211, B-15
ENSH NGC	6210	70	9.500	1642240	+235400	L 3	47564 L	657	FO	93042821	213200	001600	X00 G	B-2X, C-2X, B-15
HCAL HD	150898	20	5.800	1643033	-581507	H 1	25750 L	16075	FO	93061617	170800	000230	503 G	C-221, B-44
HCAL HD	150898	20	5.800	1643033	-581507	H 3	47880 L	15807	FO	93061617	171700	000230	401 G	C-153, B-30
CCPB HD	150798	47	1.920	1643211	-685620	H 1	25625 L	3478	FU	93052821	213600	000500	342 G	B-172, C-75, B-32
CCPB HD	150798	47	1.920	1643211	-685620	H 1	25626 L	3488	FU	93052822	221500	002500	4X2 G	B-3X, C-161, B-38
CCPB HD	150798	47	1.920	1643211	-685620	H 1	25635 L	3388	FU	93053022	224300	000500	352 G	B-188, C-72, B-35
UCDW HD	151804	13	5.220	1648042	-410848	L 1	25080 L	19810	FO	93031301	011300	000001	501 G	C-220, B-29
UCDW HD	151804	13	5.220	1648042	-410848	L 1	25081 L	20310	FO	93031301	015400	000007	X02 G	C-5X, B-31
UCDW HD	151804	13	5.220	1648042	-410848	L 3	47272 L	20110	FO	93031302	022700	000004	X00 G	C-1.5X, B-14
PI07 HE3-1265	57	11.50	1648156	-255524	L 1	25252 L		00000	EO	93040203	032606	003000	361 V	FESBCK:3616, FO;
PI07 HE3-1265	57	11.50	1648156	-255524	L 3	47404 L		00000	EO	93040204	040138	004000	260 V	FESBCK:3616, FO;
PI09 AS210	57	11.50	1648156	-255521	H 3	47575 L		00000	EO	93050100	001712	003000	240 V	FESBCK:245, FO;
PI09 AS210	57	11.50	1648156	-255521	H 1	25451 L		00000	EO	93050100	005607	015000	115 V	FESBCK:245, FO;
PI09 AS210	57	11.50	1648156	-255521	H 3	47576 L		00000	EO	93050103	033337	019400	271 V	FESBCK:245, FO;
IMJC HD	151990	12	9.460	1649312	-523256	L 1	25419 L	706	FO	93042623	230600	000500	X02 G	C-3X, B-35
IMJC HD	151990	12	9.460	1649312	-523256	L 3	47555 L	725	FO	93042623	231500	000636	400 G	C-144, B-15
IMJC HD	151990	12	9.460	1649312	-523256	L 3	47570 L	928	FO	93042918	182000	001012	500 G	C-210, B-20
OCDG HD	152218	12	7.640	1650293	-413801	H 3	47535 L	2795	FO	93042320	202000	004500	404 G	C-177, B-56
ENLA IC 4634	70	10.90	1658339	-214511	L 1	25365 L		310	FO	93041818	182800	002000	405 G	C-166, B-61
ENLA IC 4634	70	10.90	1658339	-214511	H 1	25366 L		382	FO	93041819	192700	020500	X09 G	C-1.5X, B-182
ENLA IC 4634	70	10.90	1658339	-214511	L 3	47502 L		257	FO	93041817	174800	003500	441 G	B-140, C-137, B-29
EP03 HD154494	30	04.90	1703034	+124829	L 1	25219 L		00000	EO	93032805	054002	000006	500 V	FESBCK: 9035, F/O;
EP03 HD154494	30	04.90	1703034	+124829	L 3	47376 L		00000	EO	93032805	053710	000035	500 V	FESBCK: 9035, F/O;
PI098 RKT 1712-2	59	15.50	1709336	-241112	L 1	24971 L		00000	EO	93022006	060712	003400	331 V	FESBCK:232, FO
PI098 RKT 1712-2	59	15.50	1709336	-241112	L 3	47007 L		00000	EO	93022006	064603	010200	340 V	FESBCK:232, FO
PI098 RKT 1712-2	59	15.50	1709336	-241112	L 1	24972 L		00000	EO	93022008	083506	006800	332 V	FESBCK:232, FO;
EP044 SAC244567	13	10.70	1711563	-592604	L 1	25397 L		00000	EO	93042305	050609	001000	340 V	FESBCK:3968, FO;
EP044 SAC244567	13	10.70	1711563	-592604	L 3	47530 L		00000	EO	93042305	052338	002000	340 V	FESBCK:3968, FO;
AHMS HD	156014	49	3.480	1712220	+142650	H 1	24908 L	2138	FU	93021403	033700	001100	352 G	B-228, C-113, B-39
AHMS HD	156014	49	3.480	1712220	+142650	L 1	24909 L	2207	FU	93021404	042400	000036	X52 G	B-246, C-1.5X, B-33
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25040 L	2500	FU	93030219	194900	001100	351 G	B-226, C-100, B-30
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25041 L	2571	FU	93030220	204500	000036	552 G	B-210, C-220, B-31



IFO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmrestt	KCC	Comment
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25168 L	2617	FU	93032123	233300	000030	552 G	E-207,C-221,B-34
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25169 L	2618	FU	93032200	001100	001030	352 G	E-216,C-102,B-35
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25335 L	3140	FU	93041223	232500	000030	442 G	E-151,C-175,B-33
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25336 L	3187	FU	93041300	000400	001030	352 G	E-202,C-108,B-33
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25391 L	2174	FU	93042221	213300	001030	352 G	E-216,C-100,B-38
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25392 L	2145	FU	93042222	222800	000030	552 G	E-203,C-220,B-32
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25557 L	2119	FU	93051911	110100	001030	352 G	E-200,C-97,B-37
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25558 L	2103	FU	93051911	115500	001030	352 G	E-190,C-97,B-37
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25559 L	2081	FU	93051912	124400	000030	442 G	E-147,C-158,B-32
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25560 L	2114	FU	93051913	132300	000030	442 G	E-133,C-161,B-32
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25561 L	2143	FU	93051914	141100	001030	352 G	E-188,C-90,B-36
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25662 L	2095	FU	93060217	174000	001100	352 G	E-196,C-95,B-39
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25663 L	2022	FU	93060218	182800	000045	552 G	E-204,C-243,B-34
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25664 L	1985	FU	93060219	190100	001100	352 G	E-196,C-91,B-37
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25665 L	1957	FU	93060219	194500	000035	442 G	E-184,C-171,B-34
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25666 L	1928	FU	93060220	202500	001100	352 G	E-190,C-99,B-39
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25799 L	2042	FU	93062517	174000	001100	352 G	E-198,C-104,B-39
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25800 L	2086	FU	93062518	183100	000042	352 G	E-200,C-79,B-33
AHMS HD	156014	49	3.480	1712220	+142650	H 1	25801 L	2048	FU	93062519	190500	001100	352 G	E-204,C-88,B-35
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25802 L	2043	FU	93062519	194700	000042	352 G	E-214,C-121,B-33
AHMS HD	156014	49	3.480	1712220	+142650	L 1	25803 L	2064	FU	93062520	202300	001130	352 G	E-211,C-70,B-34
IMOJC HD	156359	13	9.670	1716366	-625206	L 1	25418 L	684	FO	93042621	210900	000524	X02 G	C-3X,B-32
IMOJC HD	156359	13	9.600	1716366	-625206	L 1	25418 S	677	FO	93042621	213500	000148	X02 G	C-3X,B-32
IMOJC HD	156359	13	9.670	1716366	-625206	L 1	25442 L	676	FO	93042920	202900	000342	502 G	C-201,B-36
IMOJC HD	156359	13	9.670	1716366	-625206	L 3	47553 L	689	FO	93042620	202200	000112	500 G	C-226,B-15
IMOJC HD	156359	13	9.670	1716366	-625206	L 3	47554 L	669	FO	93042621	214100	000336	500 G	C-185,B-15
FA106 HD157246	23	01.45	1721107	-561959	H 3	47096 L	06931	FU	93030506	060047	000030	500 V	FESBCK:5648,FO	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47105 L	1371	FU	93030513	132000	000030	502 G	C-220,B-35
FA106 HD157246	23	01.94	1721107	-561959	H 3	47099 L	04513	FU	93030508	082003	000030	500 V	FESBCK:3500,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47108 L	1177	FU	93030515	154200	000030	502 G	C-230,B-37
FA106 HD157246	23	02.86	1721107	-561959	H 3	47102 L	02000	FU	93030510	104012	000030	500 V	FESBCK:3500,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47111 L	1205	FU	93030518	181900	000030	502 G	C-230,B-37
FA106 HD157246	23	03.53	1721107	-561959	H 3	47123 L	01100	FU	93030604	045619	000030	550 V	FESBCK:3918,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47114 L	1543	FU	93030520	204500	000030	502 G	C-230,B-37
FA106 HD157246	23	03.30	1721107	-561959	H 3	47126 L	00000	EO	93030607	072614	000030	500 V	FESBCK:3918,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47117 L	1567	FU	93030523	233300	000030	502 G	C-230,B-39
FA106 HD157246	23	03.30	1721107	-561959	H 3	47148 L	00000	EO	93030703	032627	000030	500 V	FESBCK:4218,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47120 L	1560	FU	93030601	015400	000030	502 G	C-230,B-37
FA106 HD157246	23	03.30	1721107	-561959	H 3	47151 L	00000	EO	93030706	061441	000030	500 V	FESBCK:4218,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47130 L	1178	FU	93030613	135600	000030	502 G	C-236,B-37
FA106 HD157246	23	03.30	1721107	-561959	H 3	47154 L	00000	EO	93030708	085017	000030	500 V	FESBCK:4218,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47133 L	1197	FU	93030615	155800	000030	502 G	C-235,B-37
FA106 HD157246	23	03.30	1721107	-561959	H 3	47184 L	00000	EO	93030808	084940	000030	500 V	FESBCK:6400,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47136 L	1224	FU	93030618	181100	000030	502 G	C-235,B-36
FA106 HD 157246	23	03.30	1721107	-561959	H 3	47208 L	00000	EO	93030904	045126	000030	500 V	FESBCK:6800,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47139 L	1223	FU	93030620	201600	000030	502 G	C-239,B-39
FA106 HD 157246	23	03.30	1721107	-561959	H 3	47211 L	00000	EO	93030907	074519	000030	500 V	FESBCK:6600,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47142 L	1204	FU	93030622	223100	000030	502 G	C-246,B-38
FA106 HD 157246	23	03.30	1721107	-561959	H 3	47238 L	00000	EO	93031005	051835	000030	500 V	FESBCK:9400,FO;	
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47145 L	1231	FU	93030700	004000	000030	502 G	C-250,B-36



FEO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	KC	Comment
PA106 HD	157246	23	03.30	1721107	-561959	H 3	47178 L	00000	EO	93030803	030959	000030	500	V FESECK:5294,FO;
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47157 L	1641	FU	93030711	112100	000030	502	G C-240,B-37
PA106 HD	157246	23	03.30	1721107	-561959	H 3	47181 L	00000	EO	93030806	062201	000030	500	V FESECK:6400,FO;
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47160 L	1230	FU	93030713	134600	000030	502	G C-252,B-31
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47163 L	1249	FU	93030716	161000	000030	502	G C-245,B-37
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47166 L	1237	FU	93030718	183800	000030	502	G C-252,B-36
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47169 L	1230	FU	93030720	204600	000030	502	G C-245,B-38
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47172 L	1249	FU	93030722	225200	000030	502	G C-230,B-38
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47175 L	1283	FU	93030800	005900	000030	502	G C-232,B-35
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47187 L	1325	FU	93030811	115700	000030	501	G C-240,B-30
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47190 L	1315	FU	93030814	141800	000030	502	G C-234,B-36
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47193 L	1325	FU	93030816	163300	000030	502	G C-241,B-31
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47196 L	1331	FU	93030818	185100	000030	502	G C-244,B-37
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47199 L	1368	FU	93030821	211000	000030	502	G C-245,B-38
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47202 L	1369	FU	93030823	233100	000030	502	G C-226,B-37
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47205 L	1346	FU	93030902	020400	000030	502	G C-239,B-38
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47214 L	1356	FU	93030910	105600	000030	502	G C-251,B-33
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47217 L	1402	FU	93030913	130900	000030	501	G C-244,B-30
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47220 L	1390	FU	93030915	151900	000030	502	G C-250,B-32
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47223 L	1399	FU	93030917	172900	000030	501	G C-242,B-30
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47226 L	1436	FU	93030919	193900	000030	502	G C-245,B-37
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47229 L	1436	FU	93030921	215200	000030	502	G C-237,B-38
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47232 L	1428	FU	93031000	001900	000030	502	G C-241,B-38
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47235 L	1471	FU	93031002	023200	000030	502	G C-242,B-37
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47242 L	1512	FU	93031011	115700	000030	501	G C-245,B-30
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47245 L	1486	FU	93031014	141600	000030	501	G C-251,B-29
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47248 L	1468	FU	93031016	163000	000030	501	G C-245,B-29
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47251 L	1503	FU	93031018	184500	000030	502	G C-247,B-37
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47254 L	1481	FU	93031020	205500	000030	502	G C-237,B-38
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47257 L	1480	FU	93031023	230600	000030	502	G C-245,B-37
RRCIM HD	157246	23	3.330	1721107	-561959	H 3	47260 L	1495	FU	93031101	011800	000030	502	G C-240,B-39
CR97K 07090003		20	11.70	1724009	+814940	H 3	46939 L	505	FO	93021414	141200	039500	309	G C-184,B-102
SACW HD	160922	41	4.800	1737143	+684652	L 1	25724 L	21421	FO	93061213	133400	000045	502	G C-237,B-37
SACW HD	160922	41	4.800	1737143	+684652	L 1	25724 S	21363	FO	93061213	134600	000200	X02	G C-5X,B-37
SACW HD	160922	41	4.800	1737143	+684652	L 3	47854 L	21501	FO	93061213	135400	000730	500	G C-224,B-19
SACW HD	160922	41	4.800	1737143	+684652	L 3	47854 S	21460	FO	93061214	141600	000500	400	G C-157,B-19
IMJC HD	161653	23	7.110	1745021	-380702	L 1	25406 L	4013	FO	93042423	230300	000201	X02	G C-4X,B-33
IMJC HD	161653	23	7.101	1745021	-380702	L 1	25406 S	3998	FO	93042423	231600	000016	502	G C-190,B-33
IMJC HD	161653	23	7.110	1745021	-380702	L 3	47542 L	4015	FO	93042423	232400	000104	500	G C-220,B-10
HCPAL SKY		07	99.99	1750335	+173457	L 1	25742 L	00000		93061500	000646	024000	112	V FESECK:202,FO;WITH S
RQ118 MC3	1750+1	85	15.50	1750335	+173457	L 3	47869 L	00000	EO	93061422	221600	039100	341	V FESECK:202,FO;
RQ118 MC3	1750+1	85	15.50	1750335	+173457	L 1	25747 L	00000	EO	93061522	222406	038300	333	V FESECK:297,FO;
RQ118 MC3	1750+1	85	15.50	1750335	+173457	L 3	47883 L	00000	EO	93061621	215357	041500	332	V FESECK:201,FO;
CBODG HD	163181	23	6.600	1752598	-322807	H 3	47537 L	7508	FO	93042322	223100	005500	302	G C-119,B-34
SACW HD	164058	47	2.230	1755266	+512938	L 1	25767 L	2311	FU	93061917	173200	000100	02	G B-32
SACW HD	164058	47	2.230	1755266	+512938	L 1	25767 S	2322	FU	93061917	174500	000230	02	G B-32
IMJC HD	164019	13	9.260	1757097	-283709	L 1	25416 L	767	FO	93042616	165700	001200	X03	G C-6X,B-44
IMJC HD	164019	13	9.260	1757097	-283709	L 1	25417 L	746	FO	93042617	175500	000800	X03	G C-2X,B-49
IMJC HD	164019	13	9.260	1757097	-283709	L 3	47543 L	749	FO	93042500	002700	001400	500	G C-230,B-12
ENDEH NGC	6543	70	9.500	1758342	+663805	L 1	24732 L	1456	FO	93011502	024300	000200	402	G C-180,B-34

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsst	EQC	Comment
ENDH NCC	6543	70	9.500	1758342	+663805	L 3	46729 L	1448	FO	93011502	021000	000200	350 G	E-189, C-110, B-17
ENDH NCC	6543	70	9.500	1758342	+663805	L 3	46730 L	1451	FO	93011502	024900	000300	450 G	E-252, C-160, B-20
ENFB NCC	6543	70	9.500	1758342	+663805	H 3	47852 L	1644	FO	93061206	061700	013500	453 G	E-215, C-160, B-49
ENFB NCC	6543	70	9.500	1758342	+663805	H 3	47853 L	1632	FO	93061209	093600	017000	5X4 G	E-1.5X, C-216, B-60
IMJC HD	164340	23	9.250	1759029	-400519	L 1	25405 L	824	FO	93042420	205200	000309	X02 G	C-4X, B-34
IMJC HD	164340	23	9.250	1759029	-400519	L 1	25441 L	862	FO	93042919	192600	000300	503 G	C-216, B-42
IMJC HD	164340	23	9.250	1759029	-400519	L 3	47541 L	798	FO	93042421	213700	000202	300 G	C-110, B-15
IMJC HD	164340	23	9.250	1759029	-400519	L 3	47552 L	756	FO	93042619	191900	000412	501 G	C-181, B-25
CECG HD	165052	12	6.870	1802065	-242411	H 3	47536 L	5284	FO	93042321	214600	001100	402 G	C-151, B-34
IBMP HD	166126	66	8.900	1806582	-153337	L 1	25324 L	1952	FO	93041121	213900	001500	X03 G	C-3X, B-45
IBMP HD	166126	66	8.900	1806582	-153336	L 3	47420 L	1595	FO	93040423	235900	004000	450 G	E-227, C-150, B-18
IBMP HD	166126	66	8.900	1806582	-153337	L 3	47465 L	1946	FO	93041121	210300	003000	354 G	E-240, C-120, B-56
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25267 L	1584	FO	93040421	215900	001500	XX2 G	E-2.0X, C-1.5X, B-38
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25268 L	1593	FO	93040423	233000	001000	5X2 G	E-1.5X, C-230, B-35
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25275 L	1418	FO	93040523	233100	002500	X02 G	C-3X, B-36
IBMP HD	166162	66	8.900	1806583	-153337	L 1	25288 L	1537	FO	93040719	193000	001500	X04 G	C-1.5X, B-53
IBMP HD	166162	66	8.900	1806583	-153337	L 1	25289 L	1580	FO	93040721	212700	000500	402 G	C-153, B-37
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25290 L	1610	FO	93040722	225600	001000	502 G	C-220, B-32
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25301 L	1484	FO	93040818	183200	001000	X02 G	C-1.5X, B-34
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25316 L	1485	FO	93041023	231000	001000	X02 G	C-2X, B-34
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25317 L	1492	FO	93041100	003600	001000	X02 G	C-1.5X, B-34
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25321 L	1830	FO	93041118	180600	001000	X03 G	C-1.5X, B-48
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25322 L	1871	FO	93041119	191800	002000	X09 G	C-4X, B-127
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25323 L	1956	FO	93041120	202800	000500	404 G	C-190, B-58
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25325 L	1929	FO	93041123	230700	002000	X02 G	C-3X, B-36
IBMP HD	166126	66	8.900	1806583	-153337	L 1	25326 L	1945	FO	93041200	002600	000500	402 G	C-183, B-33
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47418 L	1579	FO	93040421	211700	003000	531 G	E-118, C-187, B-26
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47419 L	1599	FO	93040422	223000	005000	551 G	E-234, C-190, B-26
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47427 L	1381	FO	93040522	223100	004000	350 G	E-204, C-63, B-18
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47428 L	1437	FO	93040600	000600	003500	350 G	E-186, C-61, B-17
IBMP HD	166162	66	8.900	1806583	-153337	L 3	47438 L	1481	FO	93040718	180800	006000	3X2 G	E-2X, C-112, B-37
IBMP HD	166162	66	8.900	1806583	-153337	L 3	47439 L	1567	FO	93040720	200200	005000	3X3 G	E-1.5X, C-112, B-46
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47440 L	1592	FO	93040722	220800	003500	350 G	E-173, C-60, B-19
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47441 L	1618	FO	93040723	233400	005000	3X0 G	E-1.5X, C-75, B-18
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47445 L	1460	FO	93040817	171100	006000	3X1 G	E-2X, C-91, B-23
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47446 L	1484	FO	93040819	190400	006000	3X2 G	E-2X, C-116, B-37
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47457 L	1459	FO	93041021	214000	006000	5X1 G	E-2X, C-185, B-26
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47458 L	1487	FO	93041023	234400	004000	4X0 G	E-1.5X, C-152, B-19
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47463 L	1831	FO	93041118	182200	004500	3X8 G	E-2X, C-179, B-100
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47464 L	1892	FO	93041119	194800	003000	3X9 G	E-2X, C-183, B-115
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47466 L	1939	FO	93041122	220900	005000	4X1 G	E-1.5X, C-162, B-26
IBMP HD	166126	66	8.900	1806583	-153337	L 3	47467 L	1938	FO	93041123	233900	004000	451 G	E-254, C-144, B-24
ERWF	18095+27	70	10.40	1809310	+270430	L 1	25403 L	910	FO	93042414	140900	012000	305 G	C-152, B-70
ERWF	18095+27	70	10.40	1809310	+270430	L 3	47539 L	887	FO	93042410	101900	022000	03 G	B-44
ENDH NCC	65728	70	9.000	1809406	+065025	L 1	25386 L	1588	FO	93042123	234800	001000	542 G	E-172, C-224, B-32
ENDH NCC	6058	70	9.000	1809406	+065025	L 3	47523 L	1598	FO	93042123	230400	002500	5X0 G	E-3X, C-208, B-15
ENDH NCC	6572	70	9.000	1809406	+065025	L 3	47524 L	1583	FO	93042200	002000	002500	551 G	E-217, C-195, B-21
PT119 YY HER		57	13.00	1812261	+205821	L 3	47860 L	00000	ED	93061322	221249	004000	350 V	FESECK:181, FO;
PT119 YY HER		57	13.00	1812261	+205821	L 1	25733 L	00000	ED	93061322	225848	006000	704 V	FESECK:181, FO;
PT119 YY HER		57	13.00	1812261	+205821	L 3	47861 L	00000	ED	93061400	000529	004500	350 V	FESECK:181, FO;

PRO	Object	CL	MFG	R.A.	DEC	D C Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
PT119	YY HER	57	13.00	1812261	+205821	L 1 25734 L	0000	EO	93061400	005657	001500	503	V FESECK:181,FO;
S00S	HD 167356	32	6.100	1812344	-184042	L 1 25449 L	9620	FO	93043020	203900	000014	501	G C-222,B-30
S00S	HD 167356	32	6.100	1812344	-184042	L 3 47573 L	9655	FO	93043020	204600	000035	400	G C-115,B-14
PT007	H2-376	57	14.10	1812367	-275502	L 1 25253 L	0000	EO	93040206	060024	014000	302	V FESECK:18468,FO
IMJC	HD 168941	13	9.340	1820180	-265846	L 1 25404 L	954	FO	93042417	175400	001500	X05	G C-5X,B-61
IMJC	HD 168941	13	9.340	1820180	-265846	L 3 47540 L	970	FO	93042419	192600	000600	500	G C-210,B-17
EO44	LES5112	13	11.70	1837546	-170730	L 1 25398 L	0000	EO	93042306	065529	002000	300	V FESECK:6937,FO;
EO44	LES 5112	13	11.70	1837546	-170730	L 3 47531 L	0000	EO	93042307	073122	006500	300	V FESECK:6937,FO;
QTCO	RE 1844-74	59	17.00	1838197	-742134	L 3 47791 L	0000	EO	93060121	215425	041000	353	V FESECK:321,FO;
FO039	HEIA SCT	39	04.20	1844312	-044811	H 3 47363 L	0000	EO	93032605	051257	033000	702	V FESECK:5716,FO;
H0AL	SKY	07	99.99	1844312	-044811	L 1 25206 L	0000		93032605	055637	025000	402	V FESECK:5716,FO;
CB8Z	V356 SCR	66	7.300	1844544	-201949	L 1 25339 L	5306	FO	93041317	175900	000025	502	G C-228,B-32
CB8Z	V356 SCR	66	7.300	1844544	-201949	H 1 25340 L	5336	FO	93041319	193100	003500	X05	G C-1.5X,B-67
CB8Z	V356 SCR	66	7.300	1844544	-201949	H 3 47477 L	5340	FO	93041318	181200	006000	504	G C-216,B-54
CB8Z	V356 SCR	66	7.500	1844544	-201949	L 3 47478 L	5323	FO	93041320	201300	000040	500	G C-204,B-16
CD23Z	CX DRA	66	6.000	1845360	+525556	H 3 47913 L	10294	FO	93061916	164100	000600	502	G C-196,B-38
RQ078	3C 390.3	86	14.40	1845379	+794306	L 3 47089 L	0000	EO	93030204	045524	025000	332	V FESECK:10129,FO; 7 S
RQ078	3C390.3	86	14.40	1845379	+794306	L 3 47799 L	0000	EO	93060322	224204	030500	241	V FESECK:16960,FO;
PI008	V603 AQL	55	12.00	1846215	+003136	L 1 25667 L	0000	EO	93060222	222033	001200	500	V FESECK:150,FO;
PI008	V603 AQL	55	12.00	1846215	+003136	L 1 25668 L	0000	EO	93060223	233849	001200	500	V FESECK:150,FO;
PI008	V603 AQL	55	12.14	1846215	+003136	L 3 47792 L	00059	FO	93060221	214646	001500	550	V FESECK:150,FO;
PI008	V603 AQL	55	12.00	1846215	+003136	L 3 47794 L	0000	EO	93060300	002021	001500	550	V FESECK:150,FO;
PI008	V603 AQL	55	12.00	1846215	+003136	L 3 47793 L	0000	EO	93060222	225744	001500	550	V FESECK:150,FO;
GHOJD	O 229591	16	14.80	1850431	-630855	L 1 25073 L	0	EO	93031216	164400	010000	503	G C-249,B-49
GHOJD	O 229591	16	14.80	1850431	-630855	L 3 47268 L	0	EO	93031215	153700	004000	400	G C-135,B-15
CV0L	HD 175865	49	4.000	1853487	+435246	L 1 25277 L	1406	FU	93040611	113700	000130	352	G E-205,C-60,B-32
CV0L	HD 175865	49	4.000	1853487	+435246	H 1 25278 L	1377	FU	93040612	121300	002000	352	G E-206,C-70,B-36
CV0L	HD 175865	49	4.000	1853487	+435246	H 1 25279 L	1393	FU	93040613	130800	006000	3X3	G E-3X,C-75,B-45
CV0L	HD 175865	49	4.000	1853488	+435249	L 1 25428 L	2276	FU	93042809	092700	000130	352	G E-234,C-61,B-32
CV0L	HD 175865	49	4.000	1853488	+435249	H 1 25429 L	2307	FU	93042810	100500	002000	352	G E-199,C-60,B-32
CV0L	HD 175865	49	4.000	1853488	+435249	L 1 25430 L	2230	FU	93042811	110100	001000	4X2	G E-5X,C-177,B-35
S00S	HD 175687	32	5.100	1854222	-204325	L 1 25450 L	25689	FO	93043022	220400	000008	501	G C-213,B-29
S00S	HD 175687	32	5.100	1854222	-204325	L 3 47574 L	25769	FO	93043022	221200	000021	400	G C-135,B-13
PT119	AS 338	57	13.00	1901321	+162147	L 3 47862 L	0000	EO	93061401	015436	016900	250	V FESECK:172,FO;EXPO I
H0AL	HR7293/4	44	06.46	1910464	+494606	L 1 25066 L	09049	FO	93031203	035107	000200	601	V FESECK:205,FO;
H0AL	HD7292/4	44	06.45	1910464	+494606	L 1 25067 L	09156	FO	93031204	043744	000300	601	V FESECK:205,FO;
H0AL	HR7293/4	44	06.44	1910464	+494606	L 1 25068 L	09223	FO	93031205	051459	000400	701	V FESECK:205,FO;
H0AL	HR7293/4	44	06.43	1910464	+494606	L 1 25069 L	09285	FO	93031206	060053	000800	701	V FESECK:205,FO;
H0AL	HR7293/4	44	06.43	1910464	+494606	L 1 25070 L	09270	FO	93031206	064355	000130	501	V FESECK:205,FO;
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25470 L	1529	FO	93050416	162300	000430	302	G C-69,B-32
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25471 L	0	EO	93050417	175400	001500	?02	G C-3x,B-32
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25473 L	1626	FO	93050516	162000	000430	502	G C-197,B-34
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25474 L	1641	FO	93050517	172000	000430	402	G C-177,B-34
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25475 L	0	EO	93050518	183100	000430	402	G C-164,B-34
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25479 L	0	EO	93050616	162800	000430	502	G C-228,B-38
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25480 L	0	EO	93050617	172200	000400	502	G C-210,B-34
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25481 L	0	EO	93050618	183000	000415	502	G C-218,B-35
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25485 L	0	EO	93050716	160000	000430	502	G C-200,B-34
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25486 L	0	EO	93050716	164800	000430	502	G C-214,B-35
RMRP	V342 AQL	66	8.700	1914399	+091513	L 1 25487 L	0	EO	93050717	175500	000430	502	G C-208,B-34



PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25491 L	1244	FO	93050815	154900	000430	502 G	C-215,B-34
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25492 L	0	BO	93050816	163700	000900	X02 G	C-2X,B-37
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25493 L	0	BO	93050818	180200	000430	502 G	C-209,B-34
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25498 L	1052	FO	93050915	153800	000430	402 G	C-180,B-35
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25499 L	0	BO	93050916	162700	001000	X03 G	C-2X,B-48
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25500 L	0	BO	93050917	175800	000500	504 G	C-228,B-59
RMCP	V342 AQL	66	12.00	1914399	+091513	L 1	25509 L	0	BO	93051016	161400	003000	4X8 G	E-1.5X,C-200,B-100
RMCP	V342 AQL	66	12.00	1914399	+091513	L 1	25510 L	0	BO	93051017	172200	002000	348 G	E-245,C-170,B-100
RMCP	V342 AQL	66	12.00	1914399	+091513	L 1	25511 L	0	BO	93051018	181700	002000	349 G	E-235,C-170,B-109
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25736 L	0	BO	93061413	134500	000430	402 G	C-182,B-33
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25737 L	0	BO	93061414	142900	000430	402 G	C-181,B-35
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25738 L	0	BO	93061415	153800	000430	502 G	C-191,B-39
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25743 L	0	BO	93061513	134800	000430	402 G	C-143,B-35
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25744 L	0	BO	93061514	143500	000700	403 G	C-186,B-42
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25748 L	0	BO	93061614	140200	000430	502 G	C-192,B-34
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25749 L	0	BO	93061614	145700	000430	502 G	C-191,B-36
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25754 L	0	BO	93061713	133800	000430	502 G	C-202,B-35
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25755 L	0	BO	93061714	142900	000430	502 G	C-215,B-35
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25756 L	0	BO	93061715	155000	000430	502 G	C-207,B-39
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25760 L	1230	FO	93061814	141000	000430	402 G	C-183,B-36
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25761 L	1420	FO	93061815	150400	000500	502 G	C-212,B-37
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25765 L	1268	FO	93061914	142100	000430	502 G	C-229,B-35
RMCP	V342 AQL	66	8.700	1914399	+091513	L 1	25766 L	1554	FO	93061915	153500	000430	502 G	C-227,B-35
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47603 L	1560	FO	93050416	165300	003000	500 G	C-168,B-17
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47604 L	0	BO	93050418	182000	003000	400 G	C-158,B-18
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47609 L	1633	FO	93050516	163800	003000	400 G	C-166,B-19
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47610 L	0	BO	93050517	175000	003700	501 G	C-185,B-22
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47615 L	1694	FO	93050616	164000	003700	500 G	C-241,B-20
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47616 L	0	BO	93050617	175500	003000	500 G	C-220,B-18
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47619 L	0	BO	93050716	160800	003300	500 G	C-210,B-20
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47620 L	0	BO	93050717	171800	003300	501 G	C-206,B-21
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47625 L	0	BO	93050816	160000	003300	500 G	C-209,B-18
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47626 L	0	BO	93050817	171100	004800	X01 G	C-1.5X,B-25
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47630 L	0	BO	93050915	154800	003300	401 G	C-166,B-26
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47631 L	0		93050917	171100	007500	X09 G	C-1.5X,B-113
RMCP	V342 AQL	66	12.50	1914399	+091513	L 3	47857 L	0	BO	93061314	140700	011900	406 G	C-186,B-75
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47863 L	0	BO	93061413	135600	003000	401 G	C-144,B-30
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47864 L	0	BO	93061415	150000	003500	402 G	C-174,B-40
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47871 L	0	BO	93061513	135900	003300	301 G	C-110,B-28
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47872 L	0	BO	93061515	150700	005600	407 G	C-199,B-85
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47878 L	0	BO	93061614	141300	003300	401 G	C-173,B-23
RMCP	V342 AQL	66	8.700	1914399	+091513	H 3	47879 L	0	BO	93061615	153000	003700	502 G	C-199,B-39
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47885 L	0	BO	93061713	134700	003300	501 G	C-195,B-21
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47886 L	0	BO	93061715	150800	003500	402 G	C-186,B-36
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47905 L	1264	FO	93061814	141900	003500	401 G	C-169,B-28
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47906 L	1752	FO	93061815	153700	004000	403 G	C-165,B-45
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47911 L	1188	FO	93061913	133800	003500	500 G	C-196,B-19
RMCP	V342 AQL	66	8.700	1914399	+091513	L 3	47912 L	1343	FO	93061914	145000	003500	501 G	C-197,B-27
HCAL	HD 180885	21	5.600	1916213	-353052	L 3	47551 L	22297	FO	93042613	135000	000004	500 G	C-206,B-15
USSES	HD 181558	22	6.260	1918410	-191946	H 1	25691 L	9241	FO	93060620	202300	000747	503 G	C-210,B-41

RO	Object	CL	MAG	R.A.	DEC	D C	Image	A	FES	MD	Obs.date	Exptim	mmmsstt	RCC	Comment
USSES HD	181558	22	6.260	1918410	-191946	H 3	47819	L	9181	FO	93060620	203500	001100	502	G C-210,B-40
PT151 BF CIG		57	11.50	1921554	+293434	L 3	47759	L	00000	BO	93052804	042359	003000	260	V FESECK:9600,FO;
PT151 BF CIG		57	11.50	1921554	+293434	L 1	25614	L	00000	BO	93052805	050235	001500	353	V FESECK:9600,FO;
LFORS HD	182917	57	5.600	1923140	+500831	H 3	47870	L	4344	FO	93022800	003700	009000	332	G E-115,C-102,B-39
PT188 CH CIG		57	07.70	1923142	+500831	L 1	25627	L	00000	BO	93053000	000756	000130	660	V FESECK:19200,FO;
PT188 CH CIG		57	07.70	1923142	+500831	L 1	25628	L	00000	BO	93053002	020419	000030	440	V FESECK:19200,FO;
PT188 CH CIG		57	07.70	1923142	+500831	L 3	47771	L	00000	BO	93053000	001703	000600	600	V FESECK:19200,FO;
PT188 CH CIG		57	07.70	1923142	+500831	H 3	47772	L	00000	BO	93053001	010116	009500	350	V FESECK:19200,FO;FCUR
PT151 CH CIG		57	08.00	1923142	+500831	L 3	47758	L	00000	BO	93052802	022046	001000	730	V FESECK:19760,FO;
PT151 CH CIG		57	08.00	1923142	+500831	L 1	25612	L	00000	BO	93052802	021154	000400	783	V FESECK:19760,FO;
PT151 CH CIG		57	08.00	1923142	+500831	H 1	25613	L	00000	BO	93052802	025729	005000	362	V FESECK:19760,FO;EXFO
UCWDW HD	185859	23	6.490	1938171	+202136	H 1	25368	L	4888	FO	93041917	173700	002000	504	G C-252,B-52
UCWDW HD	185859	23	6.490	1938171	+202136	L 1	25369	L	5278	FO	93041918	184800	000015	X02	G C-1.5X,B-34
UCWDW HD	185859	23	6.490	1938171	+202136	L 1	25373	L	5670	FO	93041923	232300	000130	X02	G C-6X,B-35
UCWDW HD	185859	23	6.490	1938171	+202136	L 1	25374	L	5114	FO	93042000	003900	000013	501	G C-204,B-30
UCWDW HD	185859	23	6.490	1938171	+202136	L 3	47507	L	4790	FO	93041917	175200	000045	X00	G C-1.5X,B-13
UCWDW HD	185859	23	6.490	1938171	+202136	L 3	47509	L	4710	FO	93041923	232900	005000	503	G C-209,B-41
OK99K NEC	6814	84	14.00	1939557	-102634	L 3	47400	L	0	BO	93040110	101300	015500	332	G E-52,C-55,B-31
CCOAB HD	186791	47	2.720	1943529	+102924	H 1	25620	L	2091	FU	93052815	152800	003500	3X3	G E-3X,C-120,B-42
CCOAB HD	186791	47	2.720	1943529	+102924	H 1	25621	L	2019	FU	93052816	164100	001000	342	G E-175,C-74,B-33
HCAL HD	186994	20	8.100	1944040	+445029	H 1	25757	L	3495	FO	93061716	165500	001000	503	G C-213,B-48
HCAL HD	186994	20	8.100	1944041	+445029	H 3	47887	L	3505	FO	93061717	171800	001140	402	G C-163,B-35
QA087 HD	187642	33	01.15	1948206	+084406	H 3	47982	L	08909	FU	93062800	001450	000100	500	V FESECK:430,FO
LFORS CI CIG		57	9.900	1948210	+353324	L 1	25466	L	0	BO	93050318	180600	001500	302	G C-61,B-37
LFORS AG DRA		57	9.900	1948210	+353324	L 3	47598	L	0	BO	93050316	165900	001500	240	G E-157,C-32,B-20
HCAL RR TEL		63	12.00	2000180	-555154	L 1	25713	S	265	FO	93061016	162000	000200	X9	G E-1.5X,B-105
HCAL RR TEL		63	12.00	2000180	-555154	L 1	25713	L	244	FO	93061016	163100	000400	X9	G E-1.5X,B-105
HCAL RR TEL		63	12.00	2000180	-555154	L 3	47845	L	222	FO	93061014	142000	000200	X1	G E-1.5X,B-24
HCAL RR TEL		63	12.00	2000180	-555154	L 3	47845	S	262	FO	93061014	143300	000400	X1	G E-1.5X,B-24
HCAL RR TEL		63	12.00	2000180	-555154	L 3	47846	L	355	FO	93061015	151200	001000	X9	G E-5.0X,B-151
HCAL RR TEL		63	12.00	2000180	-555154	L 3	47846	S	362	FO	93061015	153400	002000	X9	G E-5.0X,B-151
LFORS RR TEL		57	12.00	2000200	-555204	H 1	25468	L	0	BO	93050322	221100	002000	3X2	G E-2X,C-58,B-37
LFORS RR TEL		57	12.00	2000200	-555203	H 3	47600	L	0	BO	93050321	211000	001500	50	G E-239,B-20
ENEFB HD	190073	34	7.900	2000344	+053550	H 1	25762	L	2624	FO	93061819	191900	006443	453	G E-202,C-196,B-47
PT195 V448 CIG		23	08.89	2004167	+351429	L 3	47611	L	00000	BO	93050600	000719	000030	300	V FESECK:23617,FO;
PT195 V448 CIG		23	08.89	2004167	+351429	L 1	25476	L	00000	BO	93050600	001013	000050	501	V FESECK:23617,FO;
PT195 V448 CIG		23	08.89	2004167	+351429	L 3	47612	L	00000	BO	93050601	011312	000215	400	V FESECK:23617;1
PT195 V448 CIG		23	08.89	2004167	+351429	H 1	25477	L	00000	BO	93050601	012141	005000	401	V FESECK:23617,FO;
PT195 V448 CIG		23	08.89	2004167	+351429	H 3	47613	L	00000	BO	93050602	021933	024000	501	V FESECK:23617,FO
PT195 V448 CIG		23	08.89	2004167	+351429	H 1	25478	L	00000	BO	93050606	062350	002200	301	V FESECK:23617,FO;
USSES HD	191692	25	3.400	2008433	+005816	H 3	47834	L	1543	FU	93060815	152900	000142	403	G C-187,B-41
USSES HD	191692	25	3.400	2008433	+005816	H 3	47835	L	1357	FU	93060816	161200	000500	X08	G C-4.0X,B-100
CEORG FG SGE		70	11.50	2009429	+201103	L 3	47501	L	0	BO	93041802	024200	082500	09	G B-134
FC100 FG SGE		41	11.50	2009430	+201104	E 9	02711	2	00000	BO	93041802	021000	016000		V FES FOR SWP47501
HCAL SKY		07	99.99	2009430	+201104	L 1	25363	L	00000		93041803	031633	030000	605	V FESECK:13776,FO
FC100 FG SGE		41	11.50	2009430	+201104	L 1	25382	L	00000	BO	93042106	061614	015000	400	V FESECK:14363,F/O;
HCAL SKY BKGD		07		2009431	+200959	L 1	25364	L	13400	FO	93041810	103800	015000	405	G C-183,B-67
FC192 RE 2014-49		46	12.00	2011169	-493804	L 3	47962	L	00000	BO	93062602	024832	003000	100	V FESECK:246,SO;
CSQJE HD	192577	47	3.800	2012033	+463520	H 1	25175	L	1056	FU	93032219	194600	001000	353	G E-236,C-96,B-44
CSQJE HD	192577	47	3.800	2012033	+463519	H 1	25176	L	0	BO	93032220	204200	001000	354	G E-254,C-123,B-53

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	ICC	Comment
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25177 L	0	BO	93032222	220000	000600	343 G	E-172,C-89,B-49
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25210 L	914	FU	93032700	002800	001000	X02 G	C-1.5X,B-40
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25211 L	919	FU	93032701	014300	001000	X03 G	C-1.5X,B-42
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25240 L	924	FU	93033020	200800	001000	X03 G	C-1.5X,B-42
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25241 L	960	FU	93033021	212900	000600	502 G	C-210,B-40
CKQJE HD	192577	47	3.800	2012033	+463519	H 1	25255 L	1005	FU	93040218	180800	001000	X02 G	C-1.5X,B-40
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25256 L	0		93040219	192600	001000	X03 G	C-1.5X,B-47
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25283 L	1025	FU	93040621	214800	001000	X53 G	E-238,C-1.5X,B-44
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25284 L	1021	FU	93040623	230300	001000	X53 G	E-231,C-1.5X,B-44
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25285 L	1021	FU	93040700	001700	000600	542 G	E-165,C-211,B-40
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25314 L	1025	FU	93041018	180500	001000	X03 G	C-1.5X,B-50
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25315 L	998	FU	93041019	193200	001000	X06 G	C-1.5X,B-75
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25348 L	1236	FU	93041417	174100	001000	X32 G	E-104,C-1.5X,B-39
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25349 L	1182	FU	93041418	183900	001000	X33 G	E-118,C-1.5X,B-47
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25350 L	1177	FU	93041419	195400	000600	503 G	C-229,B-47
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25388 L	1354	FU	93042217	174100	001000	X05 G	C-1.5X,B-63
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25389 L	1288	FU	93042218	183900	001000	X04 G	C-1.5X,B-59
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25390 L	1274	FU	93042219	195000	000600	504 G	C-239,B-52
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25460 L	1739	FU	93050217	171200	001000	X03 G	C-1.5X,B-44
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25461 L	1675	FU	93050218	182500	000600	502 G	C-195,B-38
CKQJE HD	192577	47	4.230	2012033	+463519	H 1	25462	0		93050218	182500	000600		G
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25527 L	9790	FU	93051419	195400	001000	302 G	C-98,B-38
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25528 L	1902	FU	93051421	210900	001000	X03 G	C-1.5X,B-44
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25529 L	1943	FU	93051422	222600	001000	X03 G	C-1.5X,B-43
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25592 L	1731	FU	93052420	202900	001000	503 G	C-247,B-43
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25593 L	1734	FU	93052421	214400	001000	503 G	C-249,B-41
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25687 L	1245	FU	93060614	145500	001000	X07 G	C-1.5X,B-83
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25688 L	1402	FU	93060616	161400	001000	?09 G	C-2x,B-144
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25739 L	1251	FU	93061417	172100	001000	X02 G	C-1.5X,B-34
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25740 L	1239	FU	93061418	183600	001000	X03 G	C-1.5X,B-44
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25741 L	1197	FU	93061419	195100	000600	502 G	C-205,B-40
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25810 L	981	FU	93062618	181200	001000	X53 G	E-224,C-1.5X,B-47
CKQJE HD	192577	47	0.000	2012033	+463520	H 1	25811 L	966	FU	93062619	191900	001000	X03 G	C-1.5X,B-46
CKQJE HD	192577	47	3.800	2012033	+463520	H 1	25812 L	938	FU	93062620	202000	000600	503 G	C-202,B-43
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47335 L	0	BO	93032220	200600	001800	41 G	E-132,B-26
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47336 L	0	BO	93032221	212100	003000	47 G	E-203,B-83
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47367 L	912	FU	93032700	000300	001800	X03 G	C-1.5X,B-41
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47368 L	909	FU	93032701	010600	001200	502 G	C-225,B-34
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47369 L	919	FU	93032702	021600	001200	502 G	C-210,B-36
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47390 L	934	FU	93033019	194400	001200	502 G	C-230,B-37
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47391 L	915	FU	93033020	205000	001800	X03 G	C-1.5X,B-42
CKQJE HD	192577	47	3.800	2012033	+463519	H 3	47406 L	1027	FU	93040217	173600	001800	X03 G	C-1.5X,B-45
CKQJE HD	192577	47	3.800	2012033	+463519	H 3	47407 L	1005	FU	93040218	184600	001200	502 G	C-240,B-38
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47408 L	1029	FU	93040220	202000	001200	503 G	C-228,B-47
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47430 L	1031	FU	93040621	212100	001800	X04 G	C-1.5X,B-51
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47431 L	1016	FU	93040622	222300	001200	502 G	C-225,B-38
CKQJE HD	192577	47	3.800	2012033	+463519	H 3	47432 L	1015	FU	93040623	233700	001200	502 G	C-230,B-38
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47454 L	1048	FU	93041017	173800	001800	X02 G	C-1.5X,B-40
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47455 L	994	FU	93041018	184800	001200	503 G	C-235,B-47
CKQJE HD	192577	47	3.800	2012033	+463520	H 3	47456 L	1000	FU	93041020	201400	001200	X05 G	C-1.5X,B-70



FO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	numres	stt	RCC	Comment
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47483 L	1216	FU	93041418	180100	001200		502	G C-233,B-39
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47484 L	1173	FU	93041419	191500	001800		X04	G C-1.5X,B-52
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47485 L	1197	FU	93041420	202700	001200		503	G C-233,B-48
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47526 L	1308	FU	93042217	175900	001800		X04	G C-1.5X,B-60
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47527 L	1284	FU	93042219	191300	001200		X05	G C-1.5X,B-66
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47528 L	1281	FU	93042220	202400	001200		503	G C-241,B-46
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47591 L	1709	FU	93050215	153100	001800		X03	G C-1.5X,B-49
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47592 L	1708	FU	93050216	163500	001200		502	G C-224,B-38
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47593 L	1702	FU	93050217	174700	001200		502	G C-208,B-36
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47669 L	8837	FU	93051420	201100	001800		301	G C-67,B-29
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47670 L	1938	FU	93051421	214900	001800		X04	G C-1.5X,B-51
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47724 L	1751	FU	93052419	195000	001200		502	G C-215,B-40
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47725 L	1728	FU	93052421	210400	001800		X03	G C-1.5X,B-50
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47726 L	1762	FU	93052422	221800	001200		502	G C-226,B-40
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47816 L	989	FU	93060614	142600	001800		X06	G C-1.5X,B-77
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47817 L	1333	FU	93060615	153300	001200		X08	G C-1.5X,B-100
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47818 L	1366	FU	93060616	164400	001200		X09	G C-1.5X,B-122
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47865 L	1312	FU	93061416	164400	001800		X05	G C-1.5X,B-65
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47866 L	1256	FU	93061417	175400	001200		503	G C-241,B-44
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47867 L	1214	FU	93061419	191500	001200		503	G C-249,B-43
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47868 L	1171	FU	93061420	202300	001800		X04	G C-1.5X,B-52
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47968 L	981	FU	93062617	172900	001800		X03	G C-1.5X,B-44
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47969 L	969	FU	93062618	184500	001200		503	G C-233,B-41
CXOJE HD	192577	47	3.800	2012033	+463520	H 3	47970 L	949	FU	93062619	194600	001200		502	G C-239,B-39
FO039 31	CXG	39	03.64	2012034	+463523	H 1	25205 L	00991	FU	93032604	041151	001000		601	V FESBCK:430,FO;
FO039 HD	192577	39	03.70	2012034	+463523	H 1	25212 L	00000	EO	93032703	031410	001000		401	V
LFORS HD	192577	66	3.700	2012040	+463500	H 1	25311 L	1012	FU	93040923	235100	000600		502	G C-213,B-38
LFORS HD	192577	66	3.700	2012040	+463500	H 1	25467 L	1291	FU	93050319	194800	000600		502	G C-199,B-40
LFORS HD	192577	66	3.700	2012040	+463500	H 3	47452 L	1015	FU	93040923	231600	000800		401	G C-169,B-30
LFORS HD	192577	66	3.700	2012040	+463500	H 3	47599 L	1314	FU	93050319	190700	000800		402	G C-166,B-33
LFORS HD	192909	66	4.400	2013555	+473335	D 9	02715 2			93052615	152500	002000			G
LFORS HD	192909	66	4.400	2013555	+473336	H 1	25603 L	1702	FU	93052615	154600	001000		3X3	G E-1.5X,C-142,B-46
LFORS HD	192909	66	4.400	2013555	+473336	H 3	47739 L	1726	FU	93052616	161100	003000		405	G C-190,B-70
SFOGC BE86 #1	#1	23	9.500	2018196	+382959	L 1	25488 L	1889	FO	93050720	200400	001500		402	G C-138,B-34
SFOGC BE86 #1	#1	23	9.500	2018196	+382959	L 1	25495 L	1703	FO	93050821	213300	003000		502	G C-239,B-36
SFOGC BE86 #1	#1	23	9.500	2018196	+382959	L 3	47621 L	1885	FO	93050720	203200	003000		300	G C-88,B-18
SFOGC BE86 #4	#4	12	9.750	2018314	+383225	L 1	25494 L	1660	FO	93050819	192400	002000		X02	G C-1.5X,B-39
SFOGC BE86 #4	#4	12	9.700	2018314	+383225	L 3	47622 L	1800	FO	93050722	221000	003500		300	G C-88,B-18
SFOGC BE86 #4	#4	12	9.750	2018315	+383225	L 1	25489 L	1830	FO	93050721	211600	000500		302	G C-130,B-35
SFOGC BE86 #4	#4	12	9.700	2018315	+383225	L 3	47627 L	1653	FO	93050819	195000	008000		401	G C-162,B-23
HDRAL SKY		07	99.99	2018467	+434143	L 1	25328 L	00000		93041206	061501	006000		301	V FESBCK:443,SO;
PA096 HD	193793	10	07.00	2018467	+434143	H 3	47470 L	00000	EO	93041206	060851	011000		551	V FESBCK:12854,FO;
PA096 HD	193793	10	07.00	2018467	+434143	H 1	25329 L	00000	EO	93041208	080708	003800		501	V FESBCK:12854,FO;
PA096 HD	193793	10	07.10	2018467	+434143	H 3	47727 L	00000	EO	93052500	000530	012000		552	V FESBCK:24157,FO; SEG
PA096 HD	193793	10	07.10	2018467	+434143	H 1	25594 L	00000	EO	93052502	022900	000000		502	V FESBCK:24157,FO;
PI046 FU	VUL	57	11.53	2019010	+212442	L 3	47936 S	00101	FO	93062222	224235	001000		150	V FESBCK:244,FO;
PI046 FU	VUL	57	11.53	2019010	+212442	L 3	47936 L	00101	FO	93062222	221629	001500		150	V FESBCK:244,FO;
PI046 FU	VUL	57	11.37	2019010	+212442	H 3	47937 L	00117	FO	93062223	235510	007000		250	V FESBCK:244,FO;
PI046 FU	VUL	57	11.49	2019010	+212442	L 1	25786 S	00105	FO	93062223	231826	000500		130	V FESBCK:244,F/O;
PI046 FU	VUL	57	11.49	2019010	+212442	L 1	25786 L	00105	FO	93062223	230234	000600		360	V FESBCK:244,F/O;



PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	numresst	BCC	Comment
PID46	FU VUL	57	11.00	2019010	+212442	H 1	25787 L	00000	EO	93062301	011634	006000	230 V	FESBCK:244, FO;
PID46	FU VUL	57	11.00	2019010	+212442	H 3	47938 L	00000	EO	93062302	022015	014500	260 V	FESBCK:244, F/O;
USSES	HD 194636	25	5.200	2024276	-182237	H 3	47832 L	22220	FO	93060813	134400	000630	503 G	C-205, B-41
USSES	HD 194636	25	5.200	2024276	-182237	H 3	47833 L	22090	FO	93060814	142400	001300	X06 G	C-2, 0K, B-73
NOOES	N CXG 92	55		2029069	+522744	L 1	25265 L	0	EO	93040418	185100	000300	22 G	E-50, B-34
NOOES	N CXG 92	55		2029070	+522744	L 1	25265 S	0	EO	93040418	182000	001000	332 G	E-96, C-60, B-34
NOOES	N CXG 92	55		2029070	+522744	L 1	25266 L	0	EO	93040419	194000	001200	352 G	E-216, C-98, B-33
NOOES	N CXG 92	55		2029070	+522744	L 3	47416 L	0	EO	93040418	180800	000430	240 G	E-126, C-30, B-15
NOOES	N CXG 92	55		2029070	+522743	L 3	47417 L	0	EO	93040419	190400	001000	50 G	E-249, B-15
NOOES	N CXG 92	55	11.00	2029079	+522743	L 1	24989 L	0	EO	93022304	042900	000120	31 G	E-76, B-30
NOOES	N CXG 92	55		2029079	+522743	L 1	25246 S	0	EO	93033119	190800	000500	00 G	B-20
NOOES	N CXG 92	55		2029079	+522743	L 1	25246 L	0	EO	93033119	193800	000100	00 G	B-20
NOOES	N CXG 92	55	11.00	2029079	+522743	L 3	47027 L	0	EO	93022304	042100	000430	250 G	E-188, C-30, B-15
NOOES	N CXG 92	55	15.00	2029079	+522743	L 3	47278 L	0	EO	93031423	231700	000430	30 G	E-75, B-13
NOOES	N CXG 92	55		2029079	+522743	L 3	47396 L	0	EO	93033118	185600	000430	00 G	B-13
NOOES	N CXG 92	55		2029079	+522743	L 3	47397 L	0	EO	93033119	194500	000430	30 G	E-70, B-13
ZZOSK	L711-10	37	12.34	2039421	-201523	L 3	47624 L	0	EO	93050814	141400	001200	500 G	C-178, B-15
SLOCA	HD 197770	20	6.320	2041580	+565558	L 1	25361 L	9923	FO	93041721	212600	000015	501 G	C-230, B-29
SLOCA	HD 197770	20	6.320	2041580	+565558	H 1	25362 L	10203	FO	93041722	223000	001000	402 G	C-150, B-39
SLOCA	HD 197770	20	6.320	2041580	+565558	H 1	25579 L	7191	FO	93052207	073500	006000	X05 G	C-2X, B-64
SLOCA	HD 197770	20	6.320	2041580	+565558	H 1	25580 L	7369	FO	93052211	113100	002500	X03 G	C-1.5X, B-50
SLOCA	HD 197770	20	6.320	2041580	+565558	H 1	25581 L	7279	FO	93052214	141000	003500	X06 G	C-1.5X, B-71
SLOCA	HD 197770	20	6.320	2041580	+565558	H 3	47498 L	9982	FO	93041721	213300	001000	301 G	C-70, B-25
SLOCA	HD 197770	20	6.320	2041580	+565558	H 3	47499 L	9873	FO	93041723	231400	001000	301 G	C-60, B-24
SLOCA	HD 197770	20	6.320	2041580	+565558	H 3	47500 L	9759	FO	93041800	000800	004000	402 G	C-160, B-35
SLOCA	HD 197770	20	6.320	2041580	+565558	H 3	47710 L	7227	FO	93052209	091100	012000	X05 G	C-2X, B-64
SLOCA	HD 197770	20	6.320	2041580	+565558	H 3	47711 L	7339	FO	93052212	121200	010000	X05 G	C-1.5X, B-61
FC192	HD197890	46	10.00	2044339	-364645	L 1	25293 L	00000	EO	93040806	061155	001000	330 V	FESBCK:4132, FO;
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25295 L	914	FO	93040810	100400	001500	332 G	E-131, C-100, B-35
FC192	HD197890	46	10.00	2044339	-364645	L 1	25294 L	00000	EO	93040808	081010	001500	330 V	FESBCK:4132, FO;
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25296 L	878	FO	93040811	110000	001800	342 G	E-149, C-110, B-37
FQ107	HD197840	46	09.68	2044339	-364645	L 3	47442 L	00527	FO	93040806	062821	007000	020 V	FESBCK:4132, FO;
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25297 L	884	FO	93040811	115900	002000	342 G	E-178, C-120, B-36
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25298 L	887	FO	93040813	131500	001800	342 G	E-168, C-110, B-35
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25299 L	892	FO	93040814	145000	002000	342 G	E-151, C-120, B-36
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25300 L	889	FO	93040815	155300	002000	342 G	E-171, C-129, B-35
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25302 L	904	FO	93040821	210500	003000	333 G	E-123, C-95, B-45
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25303 L	919	FO	93040822	224500	003000	342 G	E-142, C-109, B-38
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25304 L	901	FO	93040900	003600	001000	332 G	E-68, C-99, B-35
SOCAB	HD 197890	06	9.300	2044339	-364641	L 1	25341 L	1124	FO	93041321	211800	001500	342 G	E-173, C-130, B-36
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25342 L	1135	FO	93041322	222800	001500	332 G	E-127, C-122, B-35
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25343 L	1138	FO	93041323	232800	002000	442 G	E-164, C-155, B-35
SOCAB	HD 197890	46	9.300	2044339	-364641	L 1	25344 L	1169	FO	93041400	003200	001500	332 G	E-119, C-128, B-34
SOCAB	HD 197890	46	9.300	2044339	-364641	L 3	47443 L	0	FO	93040808	084700	011500	52 G	E-210, B-33
SOCAB	HD 197890	46	9.300	2044339	-364641	L 3	47444 L	0	FO	93040812	123000	012000	22 G	E-51, B-37
SOCAB	HD 197890	46	9.300	2044339	-364641	L 3	47447 L	913	FO	93040820	205300	007400	321 G	E-37, C-47, B-22
SOCAB	HD 197890	46	9.300	2044339	-364641	L 3	47479 L	1121	FO	93041321	215100	009000	321 G	E-40, C-47, B-22
FC192	HD197890	46	09.82	2044340	-364644	L 1	25805 L	00465	FO	93062523	234146	002500	440 V	FESBCK:375, FO;
FC192	HD 197890	46	09.77	2044340	-364644	L 1	25804 L	00486	FO	93062522	220648	001500	330 V	FESBCK:375, SO;
FC192	HD 197890	46	09.83	2044340	-364644	L 3	47960 L	00459	FO	93062522	223552	006000	120 V	FESBCK:375, SO;

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmrestt	ECC	Comment
USSES HD	198001	30	3.800	20445E2	-094048	H 1	25700 L	1087	FU	93060816	164800	000236	404	G C-209,B-60
PA044	LSII+3426	13	10.50	2046169	+341616	L 1	25396 L	00000	EO	93042302	023346	001000	500	V FESECK:14120,FO;
PA044	LSII+3426	13	10.50	2046169	+341617	L 3	47529 L	00000	EO	93042302	025803	002400	400	V FESECK:14120,FO;
CLFWB	CXGSENR1	75		2053565	+301420	L 3	47910 L	0	EO	93061906	061700	039000	34	G B-93,B-59
CLFWB	CXGSENR2	75		2053579	+301338	L 3	47921 L	0	EO	93062105	055800	040000	05	G B-66
CLFWB	CXGSENR1	75		2053596	+301329	L 1	25764 L	0	EO	93061906	062800	036000	07	G B-87
CLFWB	CXGSENR2	75		2054010	+301248	L 1	25771 L	0		93062106	060100	036500	407	G C-219,B-87
CLFWB	CXGSECL1	75		2054088	+301034	L 3	47916 L	0	EO	93062005	055500	041500	335	G B-126,C-110,B-64
CLFWB	CXGSEREN	75		2054120	+300943	L 1	25769 L	0		93062005	055600	037500	407	G C-202,B-90
ENFB HD	200775	34	7.360	2100597	+675755	L 1	25698 L	3372	FO	93060810	100500	000055	X02	G C-1.5X,B-32
ENFB HD	200775	34	7.360	2100597	+675755	H 1	25699 L	3378	FO	93060810	104800	010000	X06	G C-4.0X,B-71
ENFB HD	200775	34	7.360	2100597	+675756	L 1	25705 L	3310	FO	93060907	074300	000040	502	G C-218,B-33
ENFB HD	200775	34	7.360	2100597	+675755	H 1	25706 L	3305	FO	93060908	082700	004500	504	G C-213,B-53
ENFB HD	200775	34	7.360	2100597	+675755	L 3	47822 L	3344	FO	93060709	094600	000210	500	G C-186,B-13
ENFB HD	200775	34	7.360	2100597	+675755	L 3	47831 L	3363	FO	93060810	101100	000125	400	G C-139,B-12
ENFB HD	200775	34	7.360	2100597	+675755	L 3	47838 L	3307	FO	93060907	075000	000225	500	G C-197,B-12
SACOW HD	200905	47	3.720	2103066	+434339	L 1	25768 L	1515	FU	93061920	204500	000100	52	G B-192,B-31
SACOW HD	200905	47	3.720	2103066	+434339	L 1	25768 S	1493	FU	93061920	205100	000100	22	G B-51,B-31
SACOW HD	200905	47	3.720	2103066	+434339	L 3	47914 L	1508	FU	93061918	183100	004500	500	G C-232,B-19
LAWL HD	201092	46	6.030	2104561	+383208	L 3	47988 L	8360	FO	93062815	154000	007000	56	G B-238,B-73
GABDI QSO	2112+059	85	15.50	2112236	+055512	L 3	47929 L	0	EO	93062205	055700	039500	345	G B-169,C-104,B-69
PA142	RK2117+34	70	13.20	2115044	+335947	H 3	47556 L	00000	EO	93042702	024525	036000	402	V FESECK: 7297, FO
HCAL SKY		07	99.99	2115044	+335947	L 1	25427 L	00000		93042803	031358	027500	604	V FESECK:13941,FO;
PA142	RK2117+34	70	13.20	2115044	+335947	H 3	47563 L	00000	EO	93042802	024337	036200	463	V FESECK:13941,FO;
HCAL SKY		07	99.99	2115044	+335947	L 1	25421 L	00000		93042703	031525	018000	302	V FESECK:7297,FO;
FC192	RE2122-35	44	10.34	2119076	-353508	L 1	25806 L	00292	FO	93062601	011158	003000	500	V FESECK:312,SD;
FC192	RE 2122-35	44	10.32	2119076	-353508	L 3	47961 L	00299	FO	93062600	003500	003000	100	V FESECK:312,SD;
FC025	HD 203387	44	04.30	2119281	-170254	L 3	47516 L	00000	EO	93042104	043040	003000	320	V FESECK:12727,FO;
CCOAB HD	204867	45	2.910	2128557	-054732	H 1	25623 L	2729	FU	93052819	192400	001000	X02	G C-1.5X,B-39
CCOAB HD	204867	45	2.910	2128557	-054732	H 1	25624 L	3516	FU	93052820	200900	003500	X04	G C-4X,B-55
CCOAB HD	204867	45	2.910	2128557	-054732	L 3	47765 L	1819	FU	93052818	182000	004000	530	G B-104,C-233,B-20
QP087	HD 205767	33	04.91	2135055	-080446	L 3	47981 L	26690	FO	93062723	232910	000050	600	V FESECK:292,FO;
QP087	HD 205767	33	04.92	2135055	-080446	L 1	25819 L	26578	FO	93062723	233300	000006	501	V FESECK:292,FO
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25772 L	11981	FO	93062113	134300	000600	502	G C-218,B-39
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25773 L	11888	FO	93062114	143300	000600	503	G C-218,B-41
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25774 L	11913	FO	93062115	154000	000600	503	G C-231,B-41
ISRUG HD	206267	12	5.600	2137244	+571545	H 1	25775 L	11638	FO	93062116	165700	000600	503	G C-240,B-42
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25776 L	18879	FO	93062118	184200	000600	503	G C-238,B-43
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25777 L	11934	FO	93062119	194800	000600	502	G C-232,B-39
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25779 L	12199	FO	93062213	133800	000600	503	G C-212,B-41
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25780 L	12148	FO	93062214	143100	001500	X04	G C-2.5X,B-57
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25781 L	11815	FO	93062215	154500	001500	X04	G C-2.5X,B-59
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25782 L	11725	FO	93062216	165600	001500	X04	G C-2.5X,B-55
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25783 L	11801	FO	93062218	180700	001500	X04	G C-2.5X,B-55
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25784 L	11859	FO	93062219	191900	001500	X04	G C-2.5X,B-55
ISRUG HD	206267	12	5.620	2137244	+571545	H 1	25785 L	11996	FO	93062220	203100	001500	X04	G C-2.5X,B-55
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47922 L	12048	FO	93062113	135700	001600	503	G C-229,B-41
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47923 L	11938	FO	93062115	150600	001600	503	G C-231,B-43
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47924 L	11853	FO	93062116	162100	001600	503	G C-226,B-41
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47925 L	11838	FO	93062118	180800	001600	503	G C-223,B-41

PRO	Object	CL	MPG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	nummsstt	KCC	Comment
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47926 L	18881	FO	93062119	191400	001600	502 G	C-222,B-40
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47927 L	12064	FO	93062120	202100	001600	502 G	C-214,B-39
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47930 L	12035	FO	93062213	135300	003000	X05 G	C-2X,B-61
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47931 L	11941	FO	93062215	150500	003000	X05 G	C-2X,B-64
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47932 L	11879	FO	93062216	161700	003000	X04 G	C-2X,B-60
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47933 L	11708	FO	93062217	172900	003000	X04 G	C-2X,B-59
ISRUG HD	206267	12	5.620	2137244	+571545	L 3	47934 L	11804	FO	93062218	184000	003000	X04 G	C-2X,B-58
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47935 L	11939	FO	93062219	195000	003000	X04 G	C-2X,B-55
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47975 L	12021	FO	93062713	134200	004500	X09 G	C-3X,B-113
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47976 L	11839	FO	93062714	145700	004500	X09 G	C-3X,B-145
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47977 L	11472	FO	93062716	161100	004500	X09 G	C-3X,B-111
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47978 L	11740	FO	93062717	172500	006000	X08 G	C-4X,B-99
ISRUG HD	206267	12	5.620	2137244	+571545	H 3	47979 L	11337	FO	93062718	185100	006000	X08 G	C-4X,B-99
PA047 S190		57	10.80	2139129	+023012	H 3	47699 L	00000	EO	93052005	054055	005500	350 V	FESBCK:25648,FO;SEGM
PA047 S190		57	10.80	2139129	+023012	L 3	47698 S	00000	EO	93052003	040951	001500	330 V	FESBCK:25648,FO;
PA047 S190		57	10.80	2139129	+023012	L 3	47698 L	00000	EO	93052003	033155	003000	670 V	FESBCK:25648,FO;
PA047 S190		57	10.80	2139129	+023012	L 1	25566 S	00000	EO	93052004	043303	001500	331 V	FESBCK:25648,FO;
PA047 S190		57	10.80	2139129	+023012	L 1	25566 L	00000	EO	93052004	045649	003000	771 V	FESBCK:25648,FO;
HICAL SKY		07	99.99	2139130	+023012	H 1	25602 L	00000		93052601	011931	028000	300 V	FESBCK:21567,FO;SERE
PA047 S190		57	10.80	2139130	+023012	H 3	47737 L	00000	EO	93052600	001830	033500	462 V	FESBCK:21567,FO;SEGM
CD40Z SS CIG		54	9.000	2140448	+432123	L 3	47751 L	1283	FO	93052711	111200	000230	540 G	E-140,C-185,B-16
PT043 SS CIG		54	12.00	2140449	+432125	L 3	47709 L	00000	EO	93052200	004703	009100	990 V	FESBCK:19676,FO;MULT
CD40Z SS CIG		54	9.000	2140449	+432124	L 3	47746 L	1349	FO	93052707	075700	000300	540 G	E-161,C-230,B-15
CD40Z SS CIG		54	9.000	2140449	+432124	L 3	47747 L	1309	FO	93052708	083600	000230	540 G	E-143,C-200,B-15
CD40Z SS CIG		54	9.000	2140449	+432124	L 3	47748 L	1287	FO	93052709	091600	000230	540 G	E-134,C-205,B-16
CD40Z SS CIG		54	9.000	2140449	+432124	L 3	47749 L	1281	FO	93052709	095700	000230	540 G	E-143,C-190,B-16
CD40Z SS CIG		54	9.000	2140449	+432124	L 3	47750 L	1278	FO	93052710	103400	000230	540 G	E-143,C-195,B-16
CD40Z SS CIG		54	9.000	2140449	+432124	L 3	47752 L	1287	FO	93052711	115200	000230	540 G	E-129,C-175,B-15
CD40Z SS CIG		54	9.000	2140449	+432124	L 3	47753 L	1290	FO	93052712	123200	000300	540 G	E-151,C-190,B-15
CD40Z SS CIG		54	9.000	2140449	+432124	L 3	47754 L	1287	FO	93052713	131400	000300	540 G	E-151,C-195,B-15
CD40Z SS CIG		54	9.000	2140449	+432124	L 3	47755 L	1273	FO	93052713	135400	000300	550 G	E-175,C-210,B-15
CD40Z SS CIG		54	9.000	2140449	+432124	L 3	47756 L	1250	FO	93052714	143500	000300	550 G	E-173,C-208,B-15
MLOPB HD	206859	45	4.340	2142085	+170711	H 1	25630 L	27661	FO	93053015	155100	004500	456 G	E-230,C-195,B-72
LFCRS HD	207757	57	8.000	2148360	+122327	H 1	25604 L	2412	FO	93052617	173600	003000	328 G	E-103,C-163,B-95
LFCRS HD	207757	57	8.000	2148360	+122327	H 3	47740 L	2385	FO	93052618	182000	001500	3X1 G	E-2X,C-54,B-27
PA047 HD207757		57	08.60	2148362	+122326	L 1	25564 S	00000	EO	93052000	005442	000400	450 V	FESBCK:26800,FO;
PA047 HD207757		57	08.60	2148362	+122326	L 1	25564 L	00000	EO	93052001	010457	000600	770 V	FESBCK:26800,FO;
PA047 HD207757		57	08.60	2148362	+122326	L 3	47696 S	00000	EO	93052000	004410	000400	360 V	FESBCK:26800,FO;
PA047 HD207757		57	08.60	2148362	+122326	L 3	47696 L	00000	EO	93052000	003245	000600	470 V	FESBCK:26800,FO;
PA047 HD207757		57	08.60	2148362	+122326	H 3	47697 L	00000	EO	93052001	014211	001200	260 V	FESBCK:26800,FO;
PA047 HD207757		57	08.60	2148362	+122327	L 1	25565 L	00000	EO	93052002	021553	003500	351 V	FESBCK:26800,FO;
PA047 HD 207757		57	08.60	2148363	+122327	H 3	47715 L	00000	EO	93052301	011343	033400	202 V	FESBCK:26546,FO
FC045 SKY		00	99.99	2148363	+123200	H 1	25584 L	00000		93052303	031415	018000	202 V	FESBCK:20546,FO;MIAS
HICAL ED+284211		16	10.50	2148560	+283734	L 1	25669 L	00000	EO	93060302	020833	000050	001 V	START CUT OF ABBRIUR
HICAL ED+284211		16	10.50	2148560	+283734	L 3	47795 L	00000	EO	93060302	021748	000027	001 V	START CUT OF ABBRIUR
HICAL ED+284211		16	10.50	2148560	+283734	L 1	25670 L	00000	EO	93060303	032933	000050	001 V	START CUT OF ABBRIUR
HICAL ED+284211		16	10.50	2148560	+283734	L 3	47796 L	00000	EO	93060303	033247	000027	001 V	START CUT OF ABBRIUR
HICAL ED +28 4211		16	10.53	2148571	+283747	H 1	25639 L	1557	FO	93053113	131400	006800	504 G	C-212,B-58
HICAL ED +28 4211		16	10.53	2148571	+283747	L 1	25640 L	1539	FO	93053115	152900	000050	502 G	C-205,B-34
HICAL ED +28 4211		16	10.53	2148571	+283747	L 1	25732 L	1011	FO	93061320	202500	000050	502 G	C-220,B-32



HO	Object	CL	MFG	R.A.	DEC	D C Image A	FES	MD	Obs.date	Exptim	nummsst	ICC	Comment
HCAL	BD	+28 4211 16	10.50	2148571	+283747	L 1 25745 L	1060	FO	93061517	175900	000320	502	G C-186,B-35
HCAL	BD	+28 4211 16	10.53	2148571	+283747	H 3 47778 L	1555	FO	93053112	121100	003500	402	G C-164,B-32
HCAL	BD	+28 4211 16	10.53	2148571	+283747	L 3 47779 L	1534	FO	93053115	152300	000026	500	G C-200,B-15
HCAL	BD	+28 4211 16	10.50	2148571	+283747	L 3 47873 L	1121	FO	93061517	170600	000000	500	G C-197,B-15
HCAL	BD	+28 4211 16	10.50	2148571	+283747	L 3 47874 L	1064	FO	93061517	174000	000118	500	G C-171,B-15
ENFB	BD	+46 3471 30	9.700	2150386	+465935	L 3 47821 L	1553	FO	93060705	055400	018000	403	G C-181,B-44
ENFB	BD	+46 3471 30	9.700	2150386	+465935	L 3 47839 L	1339	FO	93060909	095200	018000	403	G C-180,B-45
LFORS	HD	208816 66	4.800	2155140	+632314	H 1 24736 L	20145	FO	93011517	171100	002000	4X2	G E-1.5X,C-176,B-39
LFORS	HD	208816 66	4.800	2155140	+632314	H 1 24864 L	18884	FO	93020801	013400	002500	4X3	G E-2X,C-170,B-44
LFORS	HD	208816 66	4.800	2155140	+632314	H 1 24933 L	18504	FO	93021622	225600	002000	4X4	G E-2X,C-187,B-52
LFORS	HD	208816 66	4.800	2155140	+632314	H 1 25605 L	1166	FU	93052619	192500	002000	4X2	G E-1.5X,C-150,B-39
LFORS	HD	208816 66	4.800	2155140	+632314	H 3 46646 L	25526	FO	93010205	054600	006000	332	G E-113,C-100,B-32
LFORS	HD	208816 66	4.800	2155140	+632314	H 3 46733 L	20033	FO	93011517	174100	006000	342	G E-154,C-81,B-33
LFORS	HD	208816 66	4.800	2155140	+632314	L 3 46899 L	18689	FO	93020800	001100	007500	402	G C-167,B-38
LFORS	HD	208816 66	4.800	2155140	+632314	H 3 46973 L	18843	FO	93021621	211500	009000	453	G E-200,C-170,B-47
LFORS	HD	208816 66	4.800	2155140	+632314	H 3 47741 L	27434	FO	93052620	200600	007500	342	G E-169,C-85,B-34
CBZZ	RKS	2155-304 87	13.00	2155583	-302754	L 3 47907 L	0	BD	93061817	171500	008000	401	G C-152,B-26
CCAB	HD	209750 45	2.960	2203129	+003349	H 1 25545 L	1660	FU	93051621	210700	003500	XX3	G E-3.0X,C-3.0X,B-46
CCAB	HD	209750 45	2.960	2203129	+003349	H 1 25622 L	2102	FU	93052817	174300	001000	446	G E-176,C-212,B-76
CCAB	HD	209750 45	2.960	2203129	+003349	L 3 47677 L	1890	FU	93051522	221400	003000	330	G E-104,C-112,B-16
WRUH		2210-30 37	12.90	2207373	-302030	L 3 47994 L	0	BD	93062907	075100	000500	300	G C-51,B-15
WRUH		2210-30 37	12.90	2207373	-302030	L 3 47995 L	0	BD	93062908	082400	002500	500	G C-184,B-15
BWEC	HD	+72 1018 73	9.800	2208152	+723819	L 1 24790 L	830	FO	93012521	212400	002100	X02	G C-1.5X,B-36
BWEC	HD	+72 1018 73	9.800	2208152	+723819	L 3 46824 L	1112	FO	93012520	202800	009400	501	G C-200,B-27
CR6K	HD	210806 73	8.380	2208497	+730840	L 1 24791 L	1879	FO	93012600	005300	000436	X02	G C-1.5X,B-36
CR6K	HD	210806 73	8.380	2208497	+730840	L 3 46825 L	1852	FO	93012600	003100	001535	501	G C-188,B-27
WRUH	RE2214	37	11.71	2211029	-493420	L 1 25795 L	271	SD	93062506	061500	000300	502	G C-214,B-31
WRUH	RE2214	37	11.70	2211029	-493420	L 1 25796 L	277	SD	93062509	090200	000300	502	G C-217,B-32
WRUH	RE2214	37	11.70	2211029	-493420	L 1 25797 L	284	SD	93062511	114100	000300	502	G C-227,B-31
WRUH	RE2214-4	37	11.70	2211029	-493419	L 1 25798 L	137	FO	93062514	143200	000300	502	G C-227,B-40
WRUH	RE2214	37	11.70	2211029	-493420	H 3 47954 L	283	SD	93062506	065500	012000	502	G C-210,B-39
WRUH	RE2214	37	11.70	2211029	-493420	H 3 47955 L	278	SD	93062509	093500	012000	502	G C-205,B-39
WRUH	RE2214	37	11.70	2211029	-493420	H 3 47956 L	311	SD	93062512	122600	012000	409	G C-221,B-105
WRUH	RE2214	37	11.70	2211029	-493420	L 3 47957 L	213	FO	93062515	150600	000130	501	G C-230,B-27
WRUH	RE2214	37	11.70	2211029	-493420	L 3 47957 S	213	FO	93062515	151400	000500	501	G C-215,B-27
WRUH	RE2214	37	11.70	2211029	-493420	L 3 47958 L	198	FO	93062515	155000	000130	501	G C-232,B-27
WRUH	RE2214	37	11.70	2211029	-493420	L 3 47958 S	175	FO	93062516	160000	000500	X01	G C-1.5X,B-27
WRUH	RE2214	37	11.70	2211029	-493420	L 3 47959 L	118	FO	93062516	164500	000130	501	G C-237,B-21
WRUH	RE2214	37	11.70	2211029	-493420	L 3 47959 S	0	FO	93062516	165200	000500	X01	G C-1.5X,B-21
WRUH	RE2214	37	11.70	2211029	-493420	H 3 47996 L	232	FO	93062909	093800	012000	504	G C-211,B-53
WRUH	RE2214	37	11.70	2211029	-493420	L 3 47997 L	403	FO	93062912	120800	000130	500	G C-180,B-15
WRUH	RE2214	37	11.70	2211029	-493420	L 3 47997 S	448	FO	93062912	122900	000430	400	G C-140,B-15
HCAL	SKY	07	99.99	2219301	+092218	H 1 25686 L	00000		93060522	221121	036000	303	V FESECK:20000,FO;SERE
EM034	RE2219+094	23	11.70	2219301	+092218	H 3 47813 L	00000	BD	93060522	220913	034000	302	V FESECK:20000,FO;SEG
HCAL	SKY	07	99.99	2219301	+092218	H 1 25692 L	00000		93060623	232334	027000	302	V FESECK:19220,FO;SERE
EM034	EM2219+094	23	11.70	2219301	+092218	H 3 47820 L	00000	BD	93060621	215355	035000	302	V FESECK:19220,FO;11SE
HCAL	SKY	07	99.99	2226475	-210722	L 1 25778 L	00000		93062122	222905	036000	303	V FESECK:3379,FO;
EM128	NGC7293	71	14.00	2226475	-210722	L 3 47928 L	00000	BD	93062122	222502	038200	032	V FESECK:3379,FO;2.5 A
EM128	NGC7293	71	14.00	2226504	-210641	L 3 47920 L	00000	BD	93062022	221804	039000	132	V FESECK:4904,FO; 1.5
HCAL	SKY	07	99.99	2226512	-210745	L 1 25770 L	00000	BD	93062022	222156	033000	303	V FESECK:4909,FO; SERE

PRO	Object	CL	MAG	R.A.	DEC	D	C	Image	A	FES	MD	Obs.date	Exptim	mmmsstt	ECC	Comment
VCEB	VENUS	03	-4.30	2232560	-100746	D	9	02682	2			93011004	040500	002000		G Venus @ (-251, -596)
VCEB	VENUS	03	-4.30	2232560	-100746	L	1	24696	L	0		93011004	043000	000000	X02	G C=4X, B=39
VCEB	VENUS	03	-4.30	2233010	-100710	D	9	02683	2			93011005	052600	002000		G
VCEB	VENUS	03	-4.30	2233010	-100710	H	1	24697	S	0		93011005	052400	000300	X06	G C=6X, B=78
VCEB	VENUS	03	-4.30	2233149	-100525	D	9	02684	2			93011006	062000	002000		G
VCEB	VENUS	03	-4.30	2233150	-100525	H	1	24698	S	0		93011006	061100	002000	?03	G C=40X, B=47
XCEW	2233+134	85	16.00	2233398	+132821	L	3	47700	L	0	FO	93052007	075900	023000		304 G C=95, B=53
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25532	L	1775	FO	93051512	121600	001000		342 G E=162, C=63, B=35
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25533	L	1739	FO	93051513	130800	001800		32 G E=136, B=37
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25534	L	1714	FO	93051514	142800	001800		32 G E=113, B=39
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25535	L	1757	FO	93051515	154500	001800		33 G E=118, B=49
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25536	L	1679	FO	93051517	172300	001800		37 G E=160, B=90
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25537	L	1578	FO	93051518	184300	001800		34 G E=149, B=57
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25538	L	1603	FO	93051520	202600	001800		42 G E=157, B=35
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25539	L	1727	FO	93051611	113200	002000		52 G E=188, B=37
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25540	L	1517	FO	93051612	124400	001800		52 G E=193, B=37
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25541	L	1497	FO	93051613	135000	001800		52 G E=196, B=35
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25542	L	1526	FO	93051615	151700	001800		53 G E=198, B=45
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25543	L	1499	FO	93051617	170400	001800		56 G E=229, B=77
HECAB	HD 214479	48	9.100	2236024	-205251	L	1	25544	L	1444	FO	93051618	184900	001600		44 G E=173, B=51
HECAB	HD 214479	48	9.100	2236024	-205251	L	3	47673	L	1844	FO	93051511	114100	006000		30 G E=44, B=20
HECAB	HD 214479	48	9.100	2236024	-205251	L	3	47674	L	1714	FO	93051513	135100	006000		31 G E=47, B=26
HECAB	HD 214479	48	9.100	2236024	-205251	L	3	47675	L	1727	FO	93051516	163900	006000		39 G E=127, B=106
HECAB	HD 214479	48	9.100	2236024	-205251	L	3	47676	L	1562	FO	93051519	194600	003000		01 G B=22
HECAB	HD 214479	48	9.100	2236024	-205251	L	3	47679	L	1560	FO	93051612	120400	007000		30 G E=55, B=19
HECAB	HD 214479	48	9.100	2236024	-205251	L	3	47680	L	1499	FO	93051614	143000	007000		34 G E=80, B=52
HECAB	HD 214479	48	9.100	2236024	-205251	L	3	47681	L	1455	FO	93051617	175700	010000		37 G E=107, B=82
HECAB	HD 214479	48	9.100	2236024	-205251	L	3	47682	L	1562	FO	93051622	223400	001200		20 G E=20, B=15
VCEB	VENUS	03	-4.30	2236480	-093930	D	9	02685	2			93011103	034700	002000		G
VCEB	VENUS	03	-4.30	2236480	-093930	D	9	02686	2			93011105	051100	002000		G
VCEB	VENUS	03	-4.30	2236480	-093930	D	9	02687	2			93011106	061500	002000		G
VCEB	VENUS	03	-4.30	2236480	-093930	H	1	24702	S	0		93011103	034300	000100	301	G C=50, B=29
VCEB	VENUS	03	-4.30	2236480	-093930	H	1	24703	S	0		93011105	050800	002000	?09	G C=40X, B=118
VCEB	VENUS	03	-4.30	2236480	-093930	H	1	24704	S	0		93011106	061100	002000	?05	G C=40X, B=61
VCEB	VENUS	03	-4.30	2240298	-091209	D	9	02688	2			93011203	035500	002000		G
VCEB	VENUS	03	-4.30	2240298	-091209	D	9	02689	2			93011204	044500	002000		G
VCEB	VENUS	03	-4.30	2240298	-091209	D	9	02690	2			93011205	054500	002000		G
VCEB	VENUS	03	-4.30	2240299	-091209	L	1	24714	L	0		93011203	035300	000001	X02	G C=2X, B=35
VCEB	VENUS	03	-4.30	2240299	-091209	H	1	24715	L	0		93011204	044200	001000	?09	G C=60X, B=132
VCEB	VENUS	03	-4.30	2240299	-091209	H	1	24716	S	0		93011205	054100	002000	?08	G C=60X, B=100
VCEB	VENUS	03	-4.30	2244261	-084308	D	9	02691	2			93011306	061000	002000		G
SGPAK	NGC 7412	80	11.35	2252547	-425432	L	3	47884	L	0	FO	93061705	055400	041500		305 G C=140, B=67
SGPAK	SKY BRGD	07		2252552	-425537	L	1	25753	L	0		93061706	060100	037000		308 G C=130, B=92
HDAL	HR8729	44	05.89	2255010	+203004	L	1	24671	L	14278	FO	93010613	134226	000030		500 V FESECK:210, FO
HDAL	HR 8729	44	05.85	2255010	+203004	L	1	24672	L	14690	FO	93010614	142030	000100		600 V FESECK:210, FO;
HDAL	HD217166	44	06.43	2256029	+090528	L	1	25570	L	00000	FO	93052103	035106	000100		500 V FESECK:18485, FO;
HDAL	HD217166	44	06.43	2256029	+090528	L	1	25571	L	00000	FO	93052104	043130	000130		600 V FESECK:18485, FO;
HDAL	HD217166	44	06.43	2256029	+090528	L	1	25572	L	00000	FO	93052105	051142	000200		600 V FESECK:18485, FO;
HDAL	HD217166	44	06.43	2256029	+090528	L	1	25573	L	00000	FO	93052105	054929	000300		700 V FESECK:18485, FO;
HDAL	HD217166	44	06.43	2256029	+090528	L	1	25574	L	00000	FO	93052106	062844	000400		700 V FESECK:18485, FO;

PRO	Object	CL	MAG	R.A.	DEC	D C	Image A	FES	MD	Obs.date	Exptim	mmmsstt	EC	Comment
RQ076	RK12301.8-	84	15.00	2258535	-52438	L 3	47773 L	00000	EO	93053004	041558	015000	300	V FESECK:15992,FO; (TWO
HKOJB	GD 246	37	13.10	2309504	+103045	H 3	46723 L	0	EO	93011316	162400	037000	407	G C-195,B-88
SGEAK	NEC 7513	80	10.63	2310325	-283750	L 1	25735 L	0	EO	93061405	055800	030000	507	G C-245,B-85
SGEAK	NEC 7513	80	10.63	2310325	-283749	L 3	47870 L	0	EO	93061506	060700	034500	04	G B-60x
IGELD	ED +23 4700	22	10.40	2311156	+235211	H 3	47848 L	879	FO	93061106	060200	033500	305	G C-114,B-68
IGELD	SKY HKGD	07		2311168	+235108	H 1	25717 L	15000	FO	93061106	065300	003000	02	G B-32
TBOIS	HD 220061	31	4.600	2318095	+232759	L 3	46679 L	519	FU	93010800	005700	000130	501	G C-204,B-22
HOCAL	HD 220787	24	8.400	2324098	-111825	L 1	25809 L	1792	FO	93062616	164400	000028	X02	G C-1.5X,B-33
HOCAL	HD 220787	24	8.400	2324098	-111825	L 3	47967 L	1789	FO	93062616	163900	000047	X00	G C-1.5X,B-17
LFORS	Z AND	57	10.50	2331149	+483232	L 3	46643 L	557	FO	93010200	001600	001000	250	G E-209,C-30,B-17
LFORS	Z AND	57	10.50	2331150	+483232	L 1	24647 L	561	FO	93010200	003800	001500	452	G E-247,C-160,B-34
PI084	Z AND	57	10.30	2331154	+483231	L 3	46689 L	00305	FO	93010908	085006	001500	260	V FESECK:3262,FO; RP A
PI084	Z AND	57	10.30	2331154	+483231	L 1	24693 L	00303	FO	93010909	092058	002000	452	V RP 500,500; E. CF EX
PI084	Z AND	57	10.60	2331154	+483231	H 3	46690 L	00232	FO	93010909	094954	007500	150	V FESECK:1755,FO; MBART
PI084	Z AND	57	11.12	2331154	+483231	L 3	47949 L	00146	FO	93062422	220455	003000	370	V FESECK:1755,FO;
PI084	Z AND	57	11.12	2331154	+483231	L 3	47950 L	00146	FO	93062423	231847	000700	150	V FESECK:1755,FO;
PI084	Z AND	57	11.12	2331154	+483231	L 1	25794 L	00146	FO	93062422	224110	002000	350	V FESECK:1755,FO;
PI084	Z AND	57	11.12	2331154	+483231	H 3	47951 L	00146	FO	93062423	235748	006000	150	V FESECK:1755,FO;
HOCAL	SKY	07	99.99	2331199	-473101	L 1	25821 L	00000		93062900	003441	024000	303	V FESECK:7681,F/O; SER
WDRH	RE2334-4	37	13.44	2331199	-473101	H 3	47993 L	0	EO	93062823	235700	042000	308	G C-155,B-100
EA123	RE2334-47	37	13.00	2331199	-473101	L 3	47992 L	00000	EO	93062822	225134	001000	500	V FESECK:7681,FO;
DARUH	R2334-47	37	13.00	2331202	-473059	H 3	47877 L	0	EO	93061606	061900	039000	307	G C-154,B-84
DARCB	2331-473	37	13.46	2331202	-473058	H 3	47964 L	0	EO	93062606	061300	039500	07	G B-86
DARCB	2331-473	37	13.46	2331202	-473058	H 3	47974 L	0		93062706	062800	037500	308	G C-167,B-91
QA087	HD222603	33	04.50	2339296	+013017	L 3	47980 L	00000	EO	93062721	214630	000040	600	V FESECK:15152,F/O;
QA087	HD222603	33	04.50	2339296	+013017	L 1	25818 L	00000	EO	93062721	215659	000004	501	V FESECK:15152,F/O;





European Space Agency  
Agence spatiale européenne

villafranca del castillo

satellite tracking station

# IUE Data Request

Data Tape: \_\_\_\_\_ (filled in by VILSPA)

Tape Density:     800 bpi                     1600 bpi                     6250 bpi

Requested Data:             Raw data only                     Extracted high resolution spectra only  
                                           Line by line + extracted low dispersion spectra  
                                           Complete: raw image + extracted spectra

Cam#	Imagenumber	Cam#	Imagenumber	Cam#	Imagenumber	Cam#	Imagenumber

Camera numbers:            1 = LWP / 2 = LWR / 3 = SWP / 9 = FES  
(for FES Photometric data use date (YYMMDD) and shift (G1/G2/V1) e.g. 920302V1 (6250 bpi only))

**Request Reason** (mark corresponding circle):

- Normal Release (6 months rule)
- Special Release     Data from my program    .....
- others (give details) \_\_\_\_\_

Requested by: \_\_\_\_\_ Date of Request: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

e-Mail / Tel. / FAX: \_\_\_\_\_

VILSPA Database Administrator: \_\_\_\_\_ Date: \_\_\_\_\_

Dr. M. Barylak  
Data Bank Resident Astronomer  
ESA IUE Observatory  
Villafranca Satellite Tracking Station  
Apartado 50727  
28080 Madrid

### ERRORS IN FOREGOING VILSPA LOG

Please inform us by post of all errors or omissions in the log reproduced in this issue. Detach this page, fold and staple it leaving the mailing address (verso) visible.

CAMERA & IMAGE	DISPERSION	APERTURE	TARGET	DATE OF OBSERVATION	WRONG FIELD CONTENTS	CORRECT INFORMATION

UK RESIDENT ASTRONOMER  
ESA SATELLITE TRACKING STATION  
APARTADO 54065  
28080 MADRID  
SPAIN