

IUE MERGED LOG OF OBSERVATIONS

Taken by NASA, the European
Space Agency (ESA) and the Science
Research Council (SRC)

We present here the log of observations for images taken in the U.S. by NASA and in Spain by ESA and the SRC for April 1-May 31, 1981. Observing information for all earlier images have been recorded on microfiche as found in IUE Newsletter #14.

This log is ordered by RA except for observations of solar system objects and engineering images, which may be found at the beginning of the list. All documentary information about the objects (names, positions, magnitudes, etc.) are those provided by the observer. For NASA images, errors made at the observing console are corrected daily from the observing scripts, but the VILSPA documentation is listed as received.

Images are identified by camera ID (SWP, LWR) and the image sequence number for that camera. Other information includes observing station (GODDARD or VILSPA), dispersion and aperture used, date of observation, exposure time, and data release date for NASA images. Comments in the right most column include the exposure level for the raw images as found at the time of observation (see explanation at the front of list).

Copies of the IUE processed data tapes and photowrite images are stored in the National Space Science Data Center (NSSDC) at Goddard Space Flight Center until the data release date when the data is made available to the general science community. The release date for ESA and SRC data tapes available thru the NSSDC is generally about 7 months after the date of observation.

A description of the procedure for obtaining IUE data from the NSSDC is included in Newsletter #14.

Thomas B. Ake

IUE OBSERVATORY LOG
MERGED LOG OF OBSERVATIONS
APRIL 1, 1981 THROUGH MAY 31, 1981

THE COLUMN HEADINGS THAT APPEAR IN THE IUE LOG ARE AS FOLLOWS

OBJECT ID: NAME OF THE OBJECT

PROGRAM ID: FIVE-CHARACTER ALPHANUMERIC CODE IDENTIFYING THE OBSERVING PROGRAMS WHICH ARE DETAILED BELOW

TARGET RIGHT ASCENSION AND TARGET DECLINATION - 1950 COORDINATES

MAGNITUDE

COLOR: B-V OR E (B-V), E INDICATING E (B-V)

SPECTRAL TYPE AND LUMINOSITY

OBJCLASS: A NUMBER CLASSIFICATION SYSTEM FURTHER DEFINED LATER IN THE PREFACE

IMAGE SEQUENCE NUMBER: CAMERA USED, PLUS A SEQUENTIAL NUMBER

LWP LONG WAVELENGTH PRIME CAMERA

LWR LONG WAVELENGTH REDUNDANT CAMERA

SWP SHORT WAVELENGTH PRIME CAMERA

SWR SHORT WAVELENGTH REDUNDANT CAMERA

FES FINE ERROR SENSOR - STAR FIELD IMAGES

DISP HIGH (H) OR LOW (L) DISPERSION
FOR FES IMAGES, FIELD SIZE IS INDICATED:

D - DEFAULT (10 ARCMIN SQUARE);

F - FULL FIELD (16 ARCMIN CIRCULAR);

P - POSTAGE STAMP, (OPTIONAL SIZE);

S - SPECIAL

APERTURE USED: THE 10 BY 20 ARC SECOND LARGE OVAL APERTURE (L) OR THE 3 ARC SECOND SMALL CIRCULAR APERTURE (S)

THE FES UNIT USED IS INDICATED. CURRENTLY ONLY UNIT 2 IS AUTHORIZED FOR ROUTINE USE.

LARGE APERTURE STATUS: OPEN (O) OR CLOSED (C)

EXPOSURE TIME: MINUTES AND SECONDS

EXPOSURE START TIME: GMT

STATION ID: G - IMAGE TAKEN AT GSFC; V - IMAGE TAKEN AT VILSPA

RELEASE DATE: THE DATE ON WHICH THE DATA CENTER (NSSDC) CAN RELEASE THE DATA TO THE PUBLIC, GIVEN AS DAY OF YEAR.

COMMENTS - AS PROVIDED BY THE TELESCOPE OPERATOR:

NO COMMENTS WERE GENERALLY GIVEN FOR IMAGES TAKEN BEFORE JUNE 14, 1978

FOR IMAGES TAKEN BETWEEN JUNE 14, 1978, AND APRIL 21, 1979 THE GROSS MAXIMUM EXPOSURE LEVEL WAS GIVEN

MAXDN - MAXIMUM DATA NUMBER, SATURATION OCCURS AT 255DN, POSSIBLE NON-LINEARITY AND SOFTWARE TRUNCATION OCCURS AT 190DN.

PS - PEAK SIGNAL PLUS BACKGROUND, SAME AS MAXDN

X - ESTIMATED NUMBER OF TIMES OF OVEREXPOSURE.

WIDER SPECTRA OBTAINED BY TRAILING THE STAR ALONG THE MAJOR AXIS OF THE LARGE APERTURE ARE SO INDICATED.

FOR IMAGES TAKEN AFTER APRIL 21, 1979:

E - GROSS EXPOSURE LEVEL IN DN FOR THE STRONGEST EMISSION LINE IN THE SPECTRUM

C - GROSS DN VALUE FOR THE MOST HIGHLY EXPOSED REGION OF THE CONTINUUM.

B - AVERAGE DN VALUE FOR THE BACKGROUND (USUALLY NEAR THE MAXIMUM CONTINUUM).

N - PEAK DN VALUE FOR THE MICROPHONIC NOISE

THE FOLLOWING IS A GLOSSARY OF OBJECT CLASSIFICATION UTILIZED IN THE OBSERVATORY LOG

00	SUN	34	AZ	67	
01	EARTH	35	AM	68	
02	MOON	36	AP	69	
03	PLANET	37	WDA	70	PLANETARY NEBULA + CENTRAL STAR
04	PLANETARY SATELLITE	38		71	PLANETARY NEBULA - CENTRAL STAR
05	MINOR PLANET	39	COMPOSITE SPECTRAL TYPE	72	H II REGION
06	COMET	40	P0-P2	73	REFLECTION NEBULA
07	INTERPLANETARY MEDIUM	41	P3-P9	74	DARK CLOUD (ABSORPTION SPECTRUM)
08	GIANT RED SPOT	42	FP	75	SUPERNOVA REMNANT
09		43	LATE-TYPE DEGENERATES	76	RING NEBULA (SHOCK IONIZED)
10	W C	44	G V-IV	77	
11	WN	45	G III-I	78	
12	MAIN SEQUENCE O	46	K V-IV	79	
13	SUPERGIANT O	47	K III-I	80	SPIRAL GALAXY
14	OE	48	M V-IV	81	ELLIPTICAL GALAXY
15	OF	49	M III-I	82	IRREGULAR GALAXY
16	SD O	50	R, N OR S TYPES	83	GLOBULAR CLUSTER
17	WD O	51	LONG PERIOD VARIABLE STARS	84	SEYFERT GALAXY
18		52	IRREGULAR VARIABLES	85	QUASAR
19	OTHER STRONG SOURCES	53	REGULAR VARIABLES	86	RADIO GALAXY
20	B0-B2 V-IV	54	DWARF NOVAE	87	BL LACERTAE OBJECT
21	B3-B5 V-IV	55	CLASSICAL NOVAE	88	EMISSION LINE GALAXY (NON-SEYFERT)
22	B6-B9.5 V-IV	56	SUPERNOVAE	89	
23	B0-B2 III-I	57	SYMBIOTIC STARS	90	INTERGALACTIC MEDIUM
24	B3-B5 III-I	58	T TAURI	91	

25 B6-B9.5 III-I
26 BE
27 BP
28 SDB
29 WDB
30 A0-A3 V-IV
31 A4-A9 V-IV
32 A0-A3 III-I
33 A4-A9 III-I

59 X-RAY
60 SHELL STAR
61 ETA CARINAE
62 PULSAR
63 NOVA-LIKE
64 OTHER
65 UNKNOWN
66

92
94
95
96
97
98 WAVELENGTH CALIBRATION LAMP
99 NULLS AND FLAT FIELDS

FOURTH EPISODE SERC APPROVED PROGRAMS

UK401 'PERIODICITIES IN X-RAY SOURCES' M. COE - SOUTHAMPTON
UK402 'W UMA CONTACT BINARIES' J.A.J. WHELAN - CAMBRIDGE
UK404 'DWARF NOVAE' J.E. PRINGLE - CAMBRIDGE
UK405 'UV SPECTROSCOPY OF DB WHITE DWARFS' D.T. WICKRAMASHINGE - ROYAL OBSERVATORY OF EDINBURGH
UK407 'PERIOD-ACTIVITY RELATIONS IN SOLAR TYPE CLOSE BINARIES' O. VILHU - HELSINKI
UK409 'MOLECULES IN CELESTIAL OBJECTS' S.P. TARAFDAR - BOMBAY
UK410 'ULTRAVIOLET EXTINCTION IN REDDED GALACTIC CLUSTERS' W.B. SOMERVILLE - UNIVERSITY COLLEGE LONDON
UK411 'OBSERVATION OF INTERSTELLAR MOLECULAR LINES' W.B. SOMERVILLE - UNIVERSITY COLLEGE LONDON
UK412 'CHROMOSPHERIC/CORONAL ACTIVITY IN THE SHORT PERIOD SUBGROUP OF RS CVN STARS' E. BUDDING - MANCHESTER
UK413 'REDDENING IN THE BROAD-LINE REGIONS OF SEYFERT 1 GALAXIES' M.H. PHILLIPS - ANGLO-AUSTRALIAN OBSERVATORY
UK414 'CONTINUED MONITORING OF NGC 4151' M.V. PENSTON - ROYAL GREENWICH OBSERVATORY
UK417 'HIGH DISPERSION OBSERVATIONS OF T TAURI STARS' M.V. PENSTON' ROYAL GREENWICH OBSERVATORY
UK418 'LONG EXPOSURE OBSERVATIONS OF EXTRAGALACTIC OBJECTS' M.V. PENSTON - ROYAL GREENWICH OBSERVATORY
UK419 'A STUDY OF FILAMENTATION SURROUNDING NGC 1275' A.C. FABIAN - CAMBRIDGE
UK420 'ULTRAVIOLET STUDIES OF ASTEROIDS' A.J. MEADOWS - LEICESTER

UK422 'ULTRAVIOLET SPECTRO-PHOTOMETRY OF H II REGIONS IN NGC 4236' P.M. GONDHALEKAR - RUTHERFORD AND APPLETON LABORATORY

UK423 'H II REGION-LIKE GALAXIES' P.M. GONDHALEKAR - RUTHERFORD AND APPLETON LABORATORIES

UK425 'STUDIES OF CIRCUMSTELLAR AND INTERSTELLAR GAS HIGH VELOCITY COMPONENTS' B. BATES - BELFAST

UK426 'LUMINOSITY CALIBRATION STANDARD OF LOW Z QUASARS' C.M. GASKELL - CAMBRIDGE

UK427 'STUDY OF LYA/HB RATIOS IN LOW REDSHIFT QUASARS' R.F. CARSWELL - CAMBRIDGE

UK428 'UV CENTRE-TO-LINE VARIATION IN SOLAR-TYPE ECLIPSING BINARY COMPONENTS' E.F. MILONE - CALGARY

UK431 'LONG PERIOD VARIABLE STARS' D.J. STICKLAND - ROYAL GREENWICH OBSERVATORY

UK433 'ULTRAVIOLET SPECTRA OF NORMAL SPIRAL GALAXIES' R.S. ELLIS - DURHAM

UK434 'SPATIAL MAPPING OF THE SM/IR GALAXY NGC 4449' R.S. ELLIS - DURHAM

UK435 'HIGH VELOCITY, LOW EXCITATION KNOTS IN H II REGIONS' J. NEABURN - MANCHESTER

UK436 'UV OBSERVATIONS OF THE MAJOR PLANETS' G.E. HUNT - UNIVERSITY LONDON

UK437 'OBSERVATIONS OF EARLY-TYPE STARS WITH PECULIAR CNO LINE STRENGTHS' P.L. DUFTON - BELFAST

UK438 'THE MASSIVE INTERACTING BINARY SYSTEMS DH CEP AND CC CAS' R.W. HILDITCH - ST. ANDREWS

UK439 'EFFECTIVE TEMPERATURES, ANGULAR DIAMETER AND RADII OF LMC M-S STARS' K. NANDY - ROYAL OBSERVATORY EDINBURGH

UK440 'INTERSTELLAR EXTINCTION AND EARLY-TYPE SUPERGIANTS IN THE LMC' K. NANDY - ROYAL OBSERVATORY EDINBURGH

UK442 'MOTION OF GAS ABOVE PERSEUS ARM AND POSSIBLE GRAIN-LEAKAGE FROM THE GALACTIC PLANE' K. NANDY - ROYAL OBSERVATORY EDINBURGH

UK443 'STUDIES OF HIGH VELOCITY INTERSTELLAR GAS' P.M. GONDHALEKAR - RUTHERFORD AND APPLETON LABORATORIES

UK446 'NEAR UV OBSERVATIONS OF THE HIGH REDSHIFT BL LAC OBJECT 0215+015' J.C. BLADES - RUTHERFORD AND APPLETON LABORATORIES

UK447 'ABSORPTION MEASURES OF GAS IN GALACTIC HALOS' D.C. MORTON - ANGLO-AUSTRALIAN OBSERVATORY

UK448 'HIGH RESOLUTION STUDY OF DIFFUSE INTERSTELLAR CLOUDS' J.C. BLADES - RUTHERFORD AND APPLETON LABORATORIES

UK455 'ACTIVE CHROMOSPHERE-CORONAE OF UV Ceti FLARE STARS' G.E. BRONAGE - RUTHERFORD AND APPLETON LABORATORIES

UK457 'EXTENDED SURVEY OF HOT AND COLD INTERSTELLAR GAS IN THE INNER HALO' G.E. BRONAGE - RUTHERFORD AND APPLETON LABORATORIES

UK458 'HIGH-RESOLUTION STUDY OF THE MASSIVE WOLF-RAYET BINARY CO CEPHEID' G.E. BRONAGE - RUTHERFORD AND APPLETON LABORATORIES

UK459 'WOLF-RAYET STARS WITH LOW-MASS UNSEEN COMPANIONS' G.E. BRONAGE - RUTHERFORD AND APPLETON LABORATORIES

UK461 'THE EXTENT OF GASEOUS GALACTIC HALO' A. BOKSENBERG UNIVERSITY COLLEGE LONDON

UK463 'THE PHYSICAL STATE OF GAS IN GALACTIC GIANT H II REGIONS' A. BOKSENBERG - UNIVERSITY COLLEGE LONDON

UK464 'A LARGE SCALE SURVEY OF INTERSTELLAR ABSORPTION IN THE GALACTIC HALO' A. BOKSENBERG - UNIVERSITY COLLEGE LONDON

UK465 'ULTRAVIOLET OBSERVATIONS OF SEYFERT 2 GALAXIES' A. BOKSENBERG - UNIVERSITY COLLEGE LONDON

UK466 'IUE OBSERVATIONS OF QSOs, SEYFERT 1 GALAXIES & BL LAC OBJECTS' A. BOKSENBERG - UNIVERSITY COLLEGE LONDON

UK467 'UV SPECTROPHOTOMETRY OF MAGELLANIC CLOUD PLANETARY NEBULA' M.J. BARLOW - UNIVERSITY COLLEGE LONDON

UK468 'UV SPECTROPHOTOMETRY OF NUCLEI OF SOUTHERN PLANETARY NEBULAE' M.J. BARLOW - UNIVERSITY COLLEGE LONDON

UK470 'PLANETARY NEBULAE AND THEIR CENTRAL STARS' M.J. SEATON - UNIVERSITY COLLEGE LONDON

UK472 'OBSERVATION OF THE RESONANCE LINES OF NEUTRAL AND IONIZED HELIUM IN A HIGH REDSHIFT QUASAR' R. WILSON - UNIVERSITY COLLEGE LONDON

UK473 'UV STUDIES OF X-RAY BINARY SOURCES' R. WILSON - UNIVERSITY COLLEGE LONDON

UK474 'A STUDY OF THE ULTRAVIOLET SPECTRA OF QUASARS' R. WILSON - UNIVERSITY COLLEGE LONDON

UK475 'STUDIES OF SEYFERT GALAXIES' R. WILSON - UNIVERSITY COLLEGE LONDON

UK477 'A STUDY OF THE TWIN QUASAR 0956+561 A, B FOR VARIABILITY AND COMPARISON WITH RADIO DATA' R. WILSON - UNIVERSITY COLLEGE LONDON

UK478 'HIGH RESOLUTION STUDIES OF HC OB STARS/INTERSTELLAR GAS AND GALACTIC HALO' A.J. WILLIS - UNIVERSITY COLLEGE LONDON

UK479 'THE STELLAR WINDS OF INTERMEDIATE O/P/WN7 STARS' A.J. WILLIS - UNIVERSITY COLLEGE LONDON

UK480 'PROBES OF THE STELLAR WINDS IN WR SPECTROSCOPIC BINARIES (WR+O)' A.J. WILLIS - UNIVERSITY COLLEGE LONDON

UK481 'THREE-PHASE DIAGNOSTICS OF NONTHERMAL AND BINARY EFFECTS IN THE BE STARS' A.J. WILLIS - UNIVERSITY COLLEGE LONDON

UK482 'CHROMOSPHERES AND CORONAE OF STARS ON OR NEAR THE MAIN SEQUENCE' C. JORDAN - OXFORD

UK483 'HIGH RESOLUTION STUDIES OF HYBRID GIANTS AND RELATED STARS' C. JORDAN - OXFORD

UK484 'UV OBSERVATIONS OF PECULIAR BINARIES' D.J. STICKLAND - ROYAL GREENWICH OBSERVATORY

UK486 'UV SPECTRA OF CATAclySMIC VARIABLES WITH VARIABLE ACCRETION RATES' R.P. JAMESON - LEICESTER

UK487 'STUDIES OF THE QUIET PLAGE COMPONENT OF THE ACTIVE STARS IN RS CVN BINARY SYSTEMS' A.D. ANDREWS - ARMAGH

UK488 'STUDIES OF SPOTS, PLAGES AND FLARES IN BY DRACONIS-TYPE VARIABLE STARS' A.D. ANDREWS - ARMAGH

UK491 'UV SPECTRA OF X-RAY SELECTED ACTIVE GALAXIES' M. WARD - CAMBRIDGE

UK493 'UV SURVEY WITH SIMULTANEOUS OPTICAL OBSERVATIONS OF SOLAR-NEIGHBOURHOOD DM STARS AND FLARE STARS' C.J. BUTLER - ARMAGH

UK494 'MAGNETIC VARIABILITY CYCLES OF LATE TYPE STARS' J.E. BECKMAN - LONDON

MA501 'STUDY OF THE MG II LINE EMISSION IN THE SHORT PERIOD VARIABLE STAR PUPPIS' M. AUVERGNE - NICE

CZ502 'MAGNETIC STRUCTURE OF F, G AND K TYPE STARS' C ZWAAN - UTRECHT

MR503 'THE EXCITING STARS OF EXTRAGALACTIC HII REGIONS' M. ROSA - HEIDELBERG

GH504 'IUE OBSERVATIONS OF X-RAY BINARIES: HIGH RESOLUTION OBSERVATIONS OF SMC X-1' G. HAMMERSCHLAG - AMSTERDAM

JH505 'OBSERVATIONS OF CLUMPY IRREGULAR GALAXIES' J. HEIDMANN - PARIS

GH506 'SHORT TIME VARIATIONS IN THE MASS-LOSS RATE OF EARLY TYPE STARS: THE CASE OF ' CAS' G. HAMMERSCHLAG - AMSTERDAM

MR507 'BP AND HE-POOR STARS BELONGING TO THE GALACTIC DISK AND HALO' M. HACK - TRIESTE

RW508 'OBSERVATIONS OF THE CENTRAL STAR OF A HUGE NEW|NEARBY PN' R. WEINBERGER - INNSBRUCK

SD509 'CARBON ABUNDANCE IN THE GASEOUS PHASE OF M 33' S. D'ODORICO - GARCHING

AH510 'SPECTRAL CLASSIFICATION IN THE ULTRAVIOLET' A. HECK - MADRID

RK511 'NON-LTE ANALYSIS OF SUBDWARF O-STARS' R. P. KUDRITZKI - KIEL
HD512 'HYDROGEN LINE RATIOS IN INTERMEDIATE REDSHIFT QUASARS' H. DENNEFELD - PARIS
JB513 'SPECTROPHOTOMETRY OF INTERMEDIATE REDSHIFT QUASARS' J. BERGERON - PARIS
JCS14 'A STUDY OF THE VARIABILITY OF BRIGHT SEYFERT I GALAXIES' J. CLAVEL - PARIS
CB515 'SPECTROSCOPY OF SELECTED T TAURI STARS' C. BERTOUT - HEIDELBERG
KP516 'STELLAR Hg II LINES' K. FREDGA - STOCKHOLM
DD517 'CORONAL TRANSITION REGION IN THE SOLAR-TYPE STAR BETA HYDRI' D. DRAVINS - LUND
DK518 'SPECTROSCOPY OF WHITE DWARFS WITH HELIUM-RICH ATMOSPHERES' D. KOESTER - KIEL
WE519 'CLASSICAL CEPHEIDS' W. EICHENDORF - GARCHING
JF520 'WARPING AND HALO OF THE LARGE MAGELLANIC CLOUD' J.V. FEITZINGER - BOCHUM
KF521 'LONG-TERM VARIABILITY OF THE LYMAN ALPHA EMISSION FROM JUPITER, SATURN, AND URANUS' K.H. FRICKE - BONN
RK522 'NON-LTE ANALYSIS OF CENTRAL STARS OF PLANETARY NEBULA' R.P. KUDRITZKI - KIEL
RK523 'NON-LTE ANALYSIS OF NITROGEN-RICH MAIN SEQUENCE O-STARS' R.P. KUDRITZKI - KIEL
DS524 'ULTRAVIOLET SPECTROSCOPY OF EXTREME HELIUM STARS' D. SCHOENBERNER - KIEL
WE525 'SHELL STRUCTURES AROUND CLASSICAL CEPHEIDS' W. EICHENDORF - GARCHING
JB526 'SPECTROPHOTOMETRY OF NARROW LINE ACTIVE NUCLEI WITH HIGH EXCITATION LINES AND/OR RADIO EMISSION' J. BERGERON - PARIS
HD527 'INTERACTING CONTACT BINARIES' H. DRECHSEL - BAMBERG
JB528 'UV OBSERVATIONS OF COMETS BRIGHTER THAN 9TH MAGNITUDE AS TARGET OF OPPORTUNITY' J. RAHE - BAMBERG
LN529 'OBSERVATIONS OF X-RAY EMITTING QSOs AND BL LAC OBJECTS' L. MARASCHI - MILANO
HN530 'GALACTIC WOLF-RAYET STARS' H. NUSSBAUMER - ZURICH

HR531 'STUDIES OF THE QUIET AND PLAGE COMPONENT OF THE ACTIVE STARS IN RS CVN BINARY SYSTEMS' H. RODONO - CATANIA

CC533 '"BLUE" GLOBULAR CLUSTERS IN THE LARGE MAGELLANIC CLOUD' C. CACCIARI - MADRID

PP534 'EMISSION, MASS LOSS AND CHROMOSPHERES IN HERBIG AE STARS II' P. PRADERIE - PARIS

HT535 'ULTRAVIOLET STUDIES OF THE SHELLS OF HERBIG AE AND BE STARS' H.R. TJIN A DJIE - AMSTERDAM

PF536 'UV-BRIGHT STARS IN GLOBULAR CLUSTERS' F. FUSI-PECCI - BOLOGNA

SC537 'STELLAR CHROMOSPHERES' S.CATALANO - CATANIA

VB538 'THREE-PHASE DIAGNOSTICS OF NONTHERMAL AND BINARY EFFECTS IN BE STARS' V. DOAZON - PARIS

HB539 'ULTRAVIOLET OBSERVATIONS OF HIGH VELOCITY A TYPE STARS' M. GERBALDI - PARIS

HG540 'ULTRAVIOLET OBSERVATIONS OF CANDIDATE RUNAWAY B TYPE STARS' M. GERBALDI - PARIS

HG541 'ULTRAVIOLET OBSERVATIONS OF BLUE-STRAGGLERS IN OPEN CLUSTERS' M. GERBALDI - PARIS

JL542 'EXTRAGALACTIC H II REGIONS' J. LEQUEUX - PARIS

PP543 'STUDY OF THE TRANSITION ZONE IN LATE A-TYPE STARS' P. PRADERIE - PARIS

BB544 'HIGH RESOLUTION SPECTROSCOPY OF BLUE HALO STARS' B. BASCHEK - HEIDELBERG

AA545 'IUE OBSERVATIONS OF SYMBIOTIC STARS DURING MINIMUM' A. ALTAMORE - ROME

EG546 'UV OBSERVATIONS OF OLD AND YOUNG POPULOUS CLUSTERS IN THE MAGELLANIC CLOUDS' E. GEYER - BONN

RV547 'COORDINATED ULTRAVIOLET, OPTICAL AND INFRARED OBSERVATIONS OF THE P CYGNI STAR AG CARINAE & ITS RING NEBULA' R. VIOTTI -
FRASCATI

VC548 'EVOLVED GLOBULAR CLUSTER STARS' V. CALOI - FRASCATI

VC549 'INTEGRATED SPECTRA OF GLOBULAR CLUSTERS' V. CALOI - FRASCATI

AH550 'ULTRAVIOLET OBSERVATIONS OF WC 10 STARS' A. HECK - MADRID

CE551 'UV OBSERVATIONS OF THE BIPOLAR NEBULA S106' C. EIROA - HEIDELBERG

DD552 'SYMBIOTIC STARS DURING ACTIVITY PHASES' D. PONZ - MADRID
AH553 'BP STARS CLASSIFICATION CRITERIA' A. HECK - MADRID
CC554 'UV OBSERVATIONS OF GLOBULAR CLUSTERS IN THE MAGELLANIC CLOUDS' C. CACCIARI - MADRID
GV555 'CHEMICAL COMPOSITION AND DIFFUSION IN HIGH GRAVITY STARS' G. VAUCLAIR - PARIS
AE556 'OBSERVATIONS OF SEYPERT 1 GALAXIES' A. ELVIUS - STOCKHOLM
IB557 'INTERMEDIATE WHITE DWARFS' I. BUES - BAMBERG
SP558 'EXTINCTION TO PLANETARY NEBULAE' S.R. POTTASCH - GRONINGEN
JK559 'HIGH DISPERSION OBSERVATIONS OF PLANETARY NEBULAE' J. KOPPEN - HEIDELBERG
CC560 'OBSERVATIONS OF INTERACTING GALAXIES' C. CASINI - MILANO
FG561 'UV SPECTRA OF HDE 245770/A 0535+26' F. GIOVANELLI - FRASCATI
JC562 'INVESTIGATION OF THE STELLAR CONTENT OF THE DWARFS BLUE EMISSION LINE GALAXIES' J. CLAVEL - PARIS
PP563 'THE ORION WEBULA' P. PATRIARCHI - MADRID
RS564 'MONITORING UV-VARIABILITY IN FOUR O-STARS' R. STALIO - TRIESTE
LA565 'ULTRAVIOLET SPECTROPHOTOMETRY OF GALACTIC GLOBULAR CLUSTERS II' L. ANGELETTI - ROME
DG566 'STUDY OF PECULIAR BE STARS' D.P. GILRA - GRONONGEN
DG567 'UV OBSERVATIONS OF STARS IN DUSTY HII REGIONS AND REFLECTION NEBULAE' D.P. GILRA - GRONINGEN
HN568 'UV SPECTRA OF ELLIPTICAL GALAXIES' NOORGAARD-NIELSON- COPENHAGEN
WK569 'L/H/P ALPHA/H BETA RATIOS IN ACTIVE GALAXIES' W. KOLLATSCHNY - GOTTINGEN
GK570 'ORBITAL PHASE DEPENDENT UV SPECTROSCOPY OF CATACLYSMIC VARIABLES' G. KLARE - HEIDELBERG
CL571 'THE EXTENT OF A GASEOUS GALACTIC HALO' C. LAURENT - VERRIERES-LE-BUISSON

LP572 'A FAR UV STUDY OF INTERSTELLAR MATTER IN THE SMALL MAGELLANIC CLOUD' L. PREVOT - MARSEILLE
SP573 'MASS-LOSS OF WOLF-RAYET-TYPE CENTRAL STARS OF PLANETARY NEBULAE' S.R. POTTASCH - GRONINGEN
MG574 'K-CORRECTION FOR BRIGHTEST GALAXIES IN CLUSTERS' M. GREWING - TUBINGEN
JK575 'STRUCTURE AND EVOLUTIONARY STATUS OF CATAclySMIC VARIABLES' J. KRAUTTER - HEIDELBERG
PS576 'CONTINUOUS MONITORING OF NOVAE AT MINIMUM DURING ONE COMPLETE ORBITAL CYCLE' P.L. SELVELLI - TRIESTE
PS577 'LOW AND HIGH RESOLUTION OBSERVATIONS OF NOVA AGL 1918 IN THE LWR REGION' P.L. SELVELLI - TRIESTE
DB578 'WINDS AND CORONAE IN RED GIANTS WITH VARIABLE CIRCUMSTELLAR LINES' D. REINERS - HAMBURG
HR579 'ULTRAVIOLET SPECTROSCOPY OF HZ HER NEAR X-RAY ECLIPSE' H. RITTER - GARCHING
DR580 'MASS-LOSS OF RED GIANTS WITH HOT COMPANIONS AND MASS LOSS CARBON STARS' D. REINERS - HAMBURG
JP581 'CO COLUM DENSITIES AND ELEMENTAL DEPLETIONS IN NEARBY CLOUDS' J. PAUL - GIF-SUR-YVETTE
PB582 'UV CONTINUUM ENERGY DISTRIBUTION IN THE NUCLEI OF ELLIPTICAL GALAXIES' F. BERTOLA - PADOVA
MC583 'SILICON AUTOIONIZATION FEATURES AND SPECTRAL VARIABILITY IN AP-STARS' H. MAITZEN - WIEN
PB584 'UV ENERGY DISTRIBUTION OF CD GALAXIES' F. BERTOLA - PADOVA
NP586 'UV OBSERVATIONS OF SUPERNOVAE' N. PANAGIA - BOLOGNA
NP587 'UV MAPPING OF THE NUCLEAR REGION OF M 100' N. PANAGIA - BOLOGNA
AB588 'UV OBSERVATIONS OF THE OLD- NOVA GK PER = A0327+43' A. BIANCHINI - PADOVA
OE589 'AN EMISSION MEASURE ANALYSIS OF THE K GIANT BETA CETI AND THE M SUPERGIANT ALPHA ORI' O. ENGVOLD - OSLO
DR590 'ACCRETION DISKS AROUND WHITE DWARFS IN NON-CLOSE BINARY SYSTEMS' D. REINERS - HAMBURG
GG591 'EXPLORATION OF ULTRAVIOLET SPECTRUM OF YOUNG STARS' G. GAHM - STOCKHOLM
FS592 'CHECK OF STRUCTURE AND EVOLUTION OF POPULATION II STARS' P. SPITE - PARIS

HL593 'THE NATURE AND ORIGIN OF OBN AND OBC STARS' H. LAMERS - UTRECHT
GB594 'INVESTIGATION ON THE BINARY NATURE OF THE RADIO AND X-RAY STAR LSI+61 303' G.P. BIGNAMI - MILANO
MU595 'UV AND OPTICAL OBSERVATIONS OF ACTIVE NUCLEI: A STUDY OF NON-STELLAR CONTINUOUS RADIATION' M. ULRICH - GARCHING
CD596 'MASS LOSS AND ANALYSIS OF THE SPECTRUM OF THE HOT BE COMPONENT OF THE PULSATING X-RAY NOVA A0535+262' C. DE LOORE - BRUSSEL
MU597 'CONTINUATION OF THE MONITORING OF THE CONTINUUM AND LINE STRENGTHS OF THE SEYFERT GALAXY NGC 4151' M. ULRICH MUNICH
MC598 'PERIOD-ACTIVITY RELATIONS IN SOLAR TYPE CLOSE BINARIES' O. VILHU - HELSINKI
HS599 'HD 190073 AND OTHER PECULIAR SHELL STARS' H. J. STAUDE - HEIDELBERG
HN600 'PROTO PLANETARY NEBULAE' N. NUSSBAUMER - ZURICH
JB601 'ULTRAVIOLET OBSERVATIONS OF X-RAY SOURCES WITH IUE' J.M. BONNET-BIDAUD - YVETTE
DK602 'OBSERVATIONS OF LOW-REDSHIFT RADIO QUIET QSOS' D. KUNTH - PARIS
MC603 'UV OBSERVATIONS OF GIANT PLANETS AND THEIR SATELLITES' M. COMBES - PARIS
MG604 'DYNAMICAL PROPERTIES OF NEARBY INTERSTELAR GAS' M. GREWING - TUBINGEN
MG605 'STUDY OF TWO EARLY-TYPE STARS IN THE LARGE MAGELLANIC CLOUD EMBEDDED IN THE NEBULOSITY N 144' M. GREWING - TUBINGEN
FQ606 'CARBON STARS SEQUENCE: R TO N STARS' P. QUERCI - PARIS
BW607 'HIGH DISPERSION SPECTROSCOPY OF THE P CYG STAR R 81 OF THE LMC' B. WOLF - HEIDELBERG
PB608 'THE NEARBY INTERSTELLAR MEDIUM' P. BRUSTON - BUISSON
CL609 'INVESTIGATION OF HIGH-VELOCITY COMPONENTS IN THE GREAT CARINA NEBULA' C. LAURENT - BUISSON
MD610 'UV SPECTROSCOPY OF AN EXTREMELY METAL POOR EXTRAGALACTIC SUPERNOVA REMNANT' M.A. DOPITA - SIDING
SD611 'ACTIVE AND QUIESCENT NUCLEI OF SPIRAL GALAXIES' S. D'ODORICO - GARCHING
PB612 'MEASUREMENT OF THE DUST ALBEDO IN THE 2200 A REGION' P. BENVENUTI - ASIAGO

GP613 'UV EMISSION FROM NORMAL BRIGHT SPIRAL GALAXIES' G. PALUMBO - BOLOGNA

PS614 'JETS IN ACTIVE GALACTIC NUCLEI' P. SHAYER - GARCHING

PS615 'OBSERVATIONS OF THE PECULIAR EMISSION LINE STAR 45667' P. SELVELLI - TRIESTE

FOURTH EPISODE NASA APPROVED PROGRAMS

SCDMA 'ULTRAVIOLET SPECTROPHOTOMETRY OF COMETS' M.F. A'HEARN - UNIVERSITY OF MARYLAND

HSDSA 'ABUNDANCES OF THE ELEMENTS IN SHARP-LINED NORMAL LATE B TYPE STARS' S.J. ADELMAN - THE CITADEL

FSDTA 'UV OBSERVATIONS OF THE UNSEEN COMPANION TO ZETA CANCRI C' T.B. AKE - COMPUTER SCIENCES CORPORATION

WDLA 'STRATIFICATION EFFECTS AND DIAGNOSTICS FOR PLANETARY NEBULAE' L.H. ALLER - UNIVERSITY OF CALIFORNIA, LA

WRDLA 'WIND-WIND INTERACTIONS IN WOLF-RAYET BINARIES' L.H. AUER - PENNSYLVANIA STATE UNIVERSITY

CSDTA 'CALIBRATION OF THE SWP ECHELLE MODE FOR CHROMOSPHERIC EMISSION SOURCES' T.R. AYRES - UNIVERSITY OF COLORADO

CCDTA 'SWP ECHELLE SPECTRA OF CHROMOSPHERICALLY ACTIVE DWARF STARS' T.R. AYRES - UNIVERSITY OF COLORADO

ESDTA 'TIMING CAPELLA IN THE ULTRAVIOLET' T.R. AYRES - UNIVERSITY OF COLORADO

WDTB 'THE IONIZATION ABUNDANCE OF C, N, & NE IN PLANETARY NEBULAE' T. BARKER - WHEATON COLLEGE

HRDPB 'SIMULTANEOUS UV AND OPTICAL SPECTROSCOPY AND ZEEMAN D POLARIMETRY OF HELIUM-RICH MAGNETOSPHERES AND WIND' DP. BARKER - UNIV. OF WESTERN ONTARIO

WDDWB 'IUE RADIAL VELOCITY STUDIES: WHITE DWARF SYSTEMS' W.T. BEAVERS - IOWA STATE UNIVERSITY

INDGB 'ULTRAVIOLET SPECTROSCOPY OF YOUNG COMPACT REGIONS IN DENSE MOLECULAR CLOUDS' G.W. BLAIR - ELECTRO-MAGNETIC APPLICATIONS

QSDAB 'UV OBSERVATIONS OF SEYFERT GALAXIES' A. BOGGESS - GSFC

HZDAB 'OBSERVATION OF THE RESONANCE LINES OF NEUTRAL & IONIZED HELIUM IN A HIGH REDSHIFT QUASAR' - A. BOGGESS - GSFC

ZADAB 'A STUDY OF TEMPORAL VARIATIONS IN THE SPECTRUM OF HH SGE' A. BOGGESS - GSFC

HDKB 'HERBIG-HARO OBJECTS' K.H. BOHM - UNIVERSITY OF WASHINGTON

CBDEB 'SEARCH FOR WHITE DWARF COMPANIONS OF STARS WITH PECULIAR PROCESS AND CNO ABUNDANCES' E. BOHM-VITENSE - UNIVERSITY OF WASHINGTON

CWDHB 'A SEARCH FOR CATAclySMIC BINARIES CONTAINING STRONGLY MAGNETIC WHITE DWARFS' H. E. BOND - LOUISIANA STATE UNIVERSITY

RSDCB 'A STUDY OF RS CVN STARS IN THE ULTRAVIOLET' C.S. BOWYER - UNIVERSITY OF CALIFORNIA BERKELEY

CSDCB 'MAGNETIC VARIABILITY IN XI BOOTES A' C.S. BOWYER - UNIVERSITY OF CALIFORNIA BERKELEY

FBDCB 'HIGH DISPERSION OBSERVATION OF HZ 43' C.S. BOWYER - UNIVERSITY OF CALIFORNIA BERKELEY

INDPB 'THE INTERSTELLAR MEDIUM WITHIN 50PC OF THE SUN THROUGH OBSERVATIONS OF WHITE DWARFS' F. BRUNWEILER - CSC

SPDJC 'SOLAR SYSTEM INVESTIGATIONS WITH THE IUE SATELLITE' J. CALDWELL - STONY BROOK

IGDWC 'IUE STUDY OF THE CYGNUS SUPERBUBBLE' W.C. CASH - UNIVERSITY OF COLORADO

GCDAC 'STUDY OF THE UV POPULATION IN GLOBULAR CLUSTERS OF THE MAGELLANIC CLOUDS' A. D. CODE - UNIVERSITY OF WISCONSIN

EGDJC 'THE STELLAR POPULATION OF NORMAL GALAXIES' J.G. COHEN - CALIFORNIA INSTITUTE OF TECHNOLOGY

MLDPC 'MASS LOSS FROM EARLY-TYPE STARS' P.C. CONTI - UNIVERSITY OF COLORADO

CVDFC 'THE DWARF NOVA OUTBURST & X-RAY EMITTING CATAclySMIC VARIABLE STARS' F. CORDOVA - LOS ALAMOS SCIENTIFIC LABORATORY

IGDLC 'ABSORPTION LINE STUDIES OF GIANT SHELLS IN THE GALACTIC DISK' L.L. COWIE - MASSACHUSETTS INSTITUTE OF TECHNOLOGY

QSDKD 'IUE OBSERVATIONS OF MARKARIAN 359, PARTICULARLY TO DETERMINE POSSIBLE REDDENING' K. DAVIDSON - UNIV. OF MINNESOTA

RADCB 'THE NATURE OF THE RUNAWAY O STARS' C.A. DEAN - S & M SYSTEMS

HSDJD 'ULTRAVIOLET SPECTROSCOPY OF OB+ STARS' J.S. DRILLING - LOUISIANA STATE

IGDAD 'STUDY OF THE LOCAL INTERSTELLAR MEDIUM' A.K. DUPREE - CENTER FOR ASTROPHYSICS

CCDAD 'UV STUDIES OF EVOLVED CHROMOSPHERES & CORONAE IN GIANTS IN THE PRAESEPE CLUSTER' A.K. DUPREE - CENTER FOR ASTROPHYSICS

VVDAD 'CONTINUATION OF ULTRAVIOLET STUDIES OF VV CEPHEI' A.K. DUPREE - CENTER FOR ASTROPHYSICS

QSDAD 'UV OBSERVATIONS OF THE VARIABILITY OF THE DOUBLE QUASAR 0957+561 A, B' A.K. DUPREE - CENTER FOR ASTROPHYSICS

CBDJE 'CHROMOSPHERIC EMISSION OF W URSAE MAJORIS STARS' J.A EATON - VANDERBILT UNIVERSITY

WRDJE 'IONIZATION STRUCTURE OF THE EXPANDING ATMOSPHERES OF THE WOLF-RAYET COMPONENTS OF V444 CYG AND CV SER' J.A. EATON
VANDERBILT

DCDNE 'ULTRAVIOLET SPECTROSCOPY OF THE BINARY CEPHEID SU CYGNI' N.R. EVANS UNIVERSITY OF TORONTO

NPDWF 'OBSERVATIONS OF VARIABLE & EVOLVING PLANETARY OR PROTO-PLANETARY NEBULAE' W.A. FEIBELMAN - GSFC

CBDFF 'MASS DETERMINATION OF EVOLVED & EARLY TYPE STARS' P. FEKEL - GSFC

SCDPF 'OBSERVATIONS OF COMETS WITH IUE' P.D. FELDMAN - JOHNS HOPKINS

QSDMG 'OBSERVATIONS OF VARIABLE X-RAY SEYFERT GALAXIES' M.J. GELLER - CENTER FOR ASTROPHYSICS

CCDMG 'THE TRANSITION REGIONS & CORONAE OF SOLAR-TYPE STARS' M.S. GIAMPAPA - CENTER FOR ASTROPHYSICS

TTDMG 'HIGH DISPERSION, LONG WAVELENGTH STUDIES OF T TAURI STARS' M.S. GIAMPAPA - CENTER FOR ASTROPHYSICS

QSDAG 'QSO EMISSION LINES & IONIZING RADIATION' A.E. GLASSGOLD - NEW YORK UNIVERSITY

BLDAG 'MULTIFREQUENCY OBSERVATIONS OF BL LAC OBJECTS & VIOLENTLY VARIABLE QSOS' A.E. GLASSGOLD - NEW YORK UNIVERSITY

QSDSG 'REDDENING MEASUREMENTS FOR SEYFERT 1 GALAXIES' S.A. GRANDI - UNIVERSITY OF CALIFORNIA LOS ANGELOS

QSDRG 'HIGH REDSHIFT QUASARS' R.F. GREEN - UNIVERSITY OF ARIZONA

FBDRG 'VERY HOT PRE-DEGENERATE & MIXED ATMOSPHERE SUBDWARFS FROM THE PALOMAR-GREEN SURVEY' R.F. GREEN - UNIVERSITY OF ARIZONA

CVDEG 'ULTRAVIOLET STUDIES OF NOVA-LIKE VARIABLES' E.F. GUINAN - VILLANOVA UNIVERSITY

GHTG 'LONG EXPOSURE OBSERVATIONS OF EXTRAGALACTIC OBJECTS' T. GULL - GSFC

NSDTG 'A VERY YOUNG SUPERNOVA REMNANT IN THE LARGE MAGELLANIC CLOUD' T. GULL - GSFC

EGDJG 'UV ENERGY DISTRIBUTION OF CD GALAXIES' J.E. GUNN - PRINCETON UNIVERSITY

CCDKH 'ROTATIONAL MODULATION & CYCLIC BEHAVIOR OF UV CHROMOSPHERIC EMISSION IN NEAR-SOLAR TYPE STARS' K. HALLAM - GSFC

NPDJH 'DUST IN PLANETARY NEBULAE' J.P. HARRINGTON - UNIVERSITY OF MARYLAND

MLDLH 'ON THE TEMPERATURE STRUCTURE OF STELLAR WINDS IN COOL STARS' L.W. HARTMANN - CENTER FOR ASTROPHYSICS

RCDJH 'DUST EXTINCTION IN R CBM TYPE STARS' J. HECHT - GSFC

WRDJH 'A STUDY OF SHELL STRUCTURES ASSOCIABLE WITH WOLF-RAYET STARS' J.N. HECKATHORN - COMPUTER SCIENCES CORPORATION

NDDHH 'UV OBSERVATIONS OF THE CONTINUA OF NEBULAE & THEIR EXCITING STARS' H.L. HELPER - UNIVERSITY OF ROCHESTER

DCDAH 'AN INVESTIGATION OF THE BEAT CEPHEID TU CAS' A.A. HENDEN - SASC

CSDGH 'EVOLUTIONARY DECAY OF THE CHROMOSPHERES OF GO-G2 DWARFS' G.H. HERBIG - UNIVERSITY OF CALIFORNIA SANTA CRUZ

MLDPH 'B STAR MASS LOSS DURING STELLAR EVOLUTION' P.W. HODGE - UNIVERSITY OF WASHINGTON

FBDHJ 'PHASE-RESOLVED SPECTROPHOTOMETRY OF THE ZZ CETI VARIABLE G 29-38' A.V. HOLM - COMPUTER SCIENCES CORPORATION

CYDAH 'UV STUDY OF UX UMA AND RELATED OBJECTS' A.V. HOLM - COMPUTER SCIENCES CORPORATION

EGDJH 'HOT GALAXIES WITH IUE' J.P. HUCHRA - CENTER FOR ASTROPHYSICS

HSDRH 'ULTRAVIOLET SPECTROSCOPY OF THE BRIGHTEST SUPERGIANTS IN M31 AND M33' R.M. HUMPHREYS - UNIV. OF MINNESOTA

HHDCI 'UV OBSERVATIONS OF PRE-MAIN SEQUENCE EMISSION-LINE STARS' C.L. IMHOFF - UNIVERSITY OF ARIZONA

SCDWJ 'A PROPOSAL FOR COMETARY OBSERVATIONS WITH THE IUE' W.M. JACKSON - HOWARD UNIVERSITY

CCDHJ 'IUE STUDIES OF X-RAY K-M DWARFS' H.M. JOHNSON - LOCKHEED MISSILES & SPACE CO.

CSDHJ 'STUDIES OF THE ULTRAVIOLET SPECTRA OF CARBON STARS' H.R. JOHNSON - INDIANA UNIVERSITY

BPDJJ 'RELATIONSHIP AMONG B TYPE PECULIAR STARS' J. JUGAKU - TOKYO ASTRONOMICAL OBSERVATORY

ZADMK 'UV OBSERVATIONS OF THE PECULIAR EMISSION-LINE RX PUPPIS' M. KAPATOS - GEORGE MASON UNIVERSITY

NPDJK 'CENTRAL STARS OF LARGE PLANETARY NEBULAE' J.B. KALER - UNIVERSITY OF ILLINOIS

XBDTK 'IUE OBSERVATIONS OF X-RAY BINARIES: HIGH RESOLUTION OBSERVATION OF SMC X-1' T.R. KALLMAN - MASSACHUSETTS INSTITUTE
OF TECHNOLOGY

CBDAK 'A STUDY OF TIME-DEPENDENT DISK ACCRETION IN DWARF NOVAE' A.L. KIPLINGER - APPLIED RESEARCH & SYSTEMS

BLDYK 'QUASI-SIMULTANEOUS OBSERVATIONS OF BL LAC OBJECTS IN SEVERAL WAVELENGTH REGIONS' Y. KONDO - GSFC

CBDDL 'PECULIAR RED GIANTS: A SEARCH FOR WHITE DWARF COMPANIONS' D.L. LAMBERT - UNIVERSITY OF TEXAS

CVDDL 'UV SPECTROSCOPY OF SYMBIOTIC STARS, RECURRENT & OLD NOVAE' D.L. LAMBERT - UNIVERSITY OF TEXAS

FBDJL 'UV SPECTROPHOTOMETRY OF THE MAGNETIC WHITE DWARF GD 229' J.D. LANDSTREET - UNIV. OF WESTERN ONTARIO

SSDAL 'UV SPECTROPHOTOMETRY OF THE SATURNIAN SATELLITES IAPETUS & RHEA' A.L. LANE - JET PROPULSION LABORATORY

CBDJL 'AN ATTEMPT TO DETECT A HOT DEGENERATE COMPANION TO THE DWARF CARBON STAR G77-61' J.W. LIEBERT - UNIV. OF ARIZONA

CCDJL 'CHROMOSPHERES & TRANSITION REGIONS OF THE YOUNG STARS IN THE URSA MAJOR CLUSTER & STREAM' J.L. LINSKY - UNIV. OF COLORADO

FSDJL 'HIGH RESOLUTION SPECTRA OF TWO BRIGHT SPOTTED STARS' J.L. LINSKY - UNIVERSITY OF COLORADO

CSDJL 'HIGH RESOLUTION SPECTRA OF AN EVOLVED SOLAR-LIKE STAR, BETA HYI (G2IV)' J.L. LINSKY - UNIVERSITY OF COLORADO

RSDJL 'STUDIES OF THE QUIET AND PLAGE COMPONENT OF THE ACTIVE STARS IN RS CVN BINARY SYSTEMS' J.L. LINSKY - UNIV. OF COLORADO

NPDSH 'THE CARBON ABUNDANCE IN HIGH-EXCITATION PLANETARY NEBULAE IN THE MAGELLANIC CLOUDS' S.P. HARAN - GSFC

WRDPM 'ECLIPSING AND LOW MASS FUNCTION WOLF-RAYET BINARIES' P. MASSEY - DOMINION ASTROPHYSICAL OBSERVATORY

CBDTM 'OBSERVATIONS OF THETA 1 B ORIONIS USING IUE' T. MATILSKY - RUTGERS UNIVERSITY

SJDDM 'ULTRAVIOLET SPECTROPHOTOMETRY OF THE GALILEAN SATELLITES OF JUPITER' D.L. MATSON - JET PROPULSION LABORATORY

SADDM 'ULTRAVIOLET REFLECTANCE SPECTROSCOPY OF SELECTED ASTEROIDS' D.L. MATSON - JET PROPULSION LABORATORY

HLDGM 'INVESTIGATIVE SURVEY OF MASS FLOW IN SELECTED SHORT PERIOD BINARIES' G.E. MCCLUSKEY - LEHIGH UNIVERSITY

ZADAM 'ULTRAVIOLET OBSERVATIONS OF M-TYPE SYMBIOTIC STARS' A.G. NICHALITSIANOS - GSFC

SJDHM 'STUDY OF THE JOVIAN AURORAL INTENSITIES & THE TORUS OF IO USING IUE' H.W. MOOS - JOHNS HOPKINS UNIVERSITY

SPDHM 'IUE OBSERVATIONS OF THE SATURN URANUS SYSTEMS IN SUPPORT OF THE VOYAGER MISSION' H.W. MOOS - JOHNS HOPKINS UNIVERSITY

HGDDM 'OBS. OF DISCR CHROMO EM LINE PROF ASYMM & VAR ASYMM IN UV SPECTRA OF LATE-TYPE STARS' D.J. MULLAN - UNIV. OF DELAWARE

CCDRN 'STUDY OF ACTIVE REGIONS OF SOLAR-TYPE DWARFS AS A FUNCTION OF ROTATION AND AGE' R.W. NOYES - CENTER FOR ASTROPHYSICS

APDRP 'UV VARIABILITY OF AP STARS' E.J. PANEK - COMPUTER SCIENCES CORPORATION

HSDRP 'THE ORION WEBULA STAR CLUSTER' E.J. PANEK - COMPUTER SCIENCES CORPORATION

BEDGP 'THREE-PHASE DIAGNOSTICS OF NONTHERMAL AND BINARITY EFFECTS OF BE STARS' G.J. PETERS - UNIV OF SOUTHERN CALIFORNIA

HLDGP 'A STUDY OF MASS LOSS AT POLAR LATITUDES IN BE STARS' G.J. PETERS - UNIVERSITY OF SOUTHERN CALIFORNIA

CBDRP 'INTERACTING CLOSE BINARY STARS OF LONGER PERIOD' M.J. PLAVEC - UNIVERSITY OF CALIFORNIA LA

CSDSP 'THE OBSERVATIONS OF STARS AND X-RAY SOURCES IN AN X-RAY ACTIVE REGION OF ORION' S.H. PRAVDO - CALIFORNIA INSTITUTE OF TECHNOLOGY

QSDRP 'UV SPECTROPHOTOMETRY OF THE 4000 ANGSTROM TO 2000 ANGSTROM "BUMP"' C. PUETTER - UNIVERSITY OF CALIFORNIA, SAN DIEGO

BPDKR 'OBSERVATIONS OF FOUR HOT PECULIAR AP STARS' K.D. RAKOS - UNIVERSITY OBSERVATORY VIENNA

IMDJR 'ELEMENTAL ABUNDANCES & INTERSTELLAR DUST IN SUPERNOVA REMNANTS' J. RAYMOND - CENTER FOR ASTROPHYSICS

MSDJR 'ULTRAVIOLET OBSERATIONS OF THE CYGNUS LOOP' J. RAYMOND - CENTER FOR ASTROPHYSICS

FSDJR 'STELLAR FLARES' J.C. RAYMOND - CENTER FOR ASTROPHYSICS

QSDWS 'COORD IR OPTICAL, UV, & X-RAY OBSERVATIONS OF HIGH-REDSHIFT QUASAR CONTINUA' W.L.W. SARGENT - CALIFORNIA INSTITUTE

IEDBS 'AN INVESTIGATION OF STARS WITH PECULIAR UV EXTINCTION' B.D. SAVAGE - UNIVERSITY OF WISCONSIN

HSDBS 'A STUDY OF R136 AND RELATED OBJECTS' B.D. SAVAGE - UNIVERSITY OF WISCONSIN

GHDBS 'STUDIES OF GAS IN GALACTIC HALOS' B.D. SAVAGE - UNIVERSITY OF WISCONSIN

CBDS 'LUMINOUS, EXTENDED ATMOSPHERE STARS IN THE MAGELLANIC CLOUDS' S.N. SHORE - CASE WESTERN RESERVE UNIVERSITY

IGDJS 'THE SPECTROSCOPIC STUDIES OF INTERSTELLAR MATTER AND STELLAR MASS LOSS' J.M. SHULL - UNIVERSITY OF COLORADO

LGDT5 'A STUDY OF TRANSITION REGION PROPERTIES IN YELLOW GIANTS' T. SIMON - UNIVERSITY OF HAWAII

CSDTS 'ULTRAVIOLET OBSERVATIONS OF YOUNG FIELD STARS' T. SIMON - UNIVERSITY OF HAWAII

CDDMS 'A STUDY OF VARIABLE ULTRAVIOLET EXTINCTION IN HOT STARS WITH CIRCUMSTELLAR DUST SHELLS' M.L. SITKO - UNIV. OF MINNESOTA

BEDAS 'CONTINUED ULTRAVIOLET STUDIES OF BE STARS OF LATER TYPES' A. SLETTEBAK - OHIO STATE UNIVERSITY

QSDHS 'UV SPECTROPHOTOMETRY OF QSOs & SEYFERT GALAXIES' H.E. SMITH - UNIVERSITY OF CALIFORNIA, SAN DIEGO

CSDCS 'IUE OBSERVATIONS OF WEAK G-BAND STARS' C. SNEDEH - UNIVERSITY OF TEXAS

IEDTS 'OBSERVATIONS OF GRAINS IN THE INTERSTELLAR MEDIUM' T.P. SNOW - UNIVERSITY OF COLORADO

HSDTS 'STELLAR WIND VARIABILITY IN OB STARS' T.P. SNOW - UNIVERSITY OF COLORADO

IMDTS 'INTERSTELLAR SI IV & CIV ABUNDANCES IN THE LINES OF SIGHT TOWARDS A STARS' T. SNOW - UNIVERSITY OF COLORADO

QSDBS 'IUE OBSERVATIONS OF LYA EMISSION IN BRIGHT MODERATE REDSHIFT QUASARS' B.T. SOIFER - CALIFORNIA INSTITUTE OF TECHNOLOGY

CVDSS 'ULTRAVIOLET OBSERVATIONS OF GALACTIC NOVAE' S. STARRFIELD - ARIZONA STATE UNIVERSITY

ZADRS 'A STUDY OF THE MG II PROFILES IN THE UV SPECTRA OF SYMBIOTIC STARS' R.E. STENCEL - UNIVERSITY OF COLORADO

CSDRS 'SWP HIGH RESOLUTION SPECTRA & EMISSION MEASURE ANALYSIS OF YELLOW BRIGHT GIANTS WITH CORONAE' R.E. STENCEL - UNIV OF COLORADO

LGDRS 'AN EMISSION MEASURE ANALYSIS OF THE HIGH DISPERSION SWP SPECTRA' R.E. STENCEL - UNIVERSITY OF COLORADO

CCDRS 'CHROMOSPHERIC DENSITIES & GEOMETRICAL EXTENSIONS OF LATE-TYPE GIANT & SUPERGIANTS' R.E. STENCEL - UNIV. COLORADO

XSDRS 'VARIABILITY OF CHROMOSPHERIC & TRANSITION REGION UV EMISSION LINES IN X-RAY ACTIVE COOL STARS' R.A. STERN - JP L

CBDBS 'SHORT PERIOD CATAclySMIC VARIABLES - VV SCL STARS' P. SZKODY - UNIVERSITY OF WASHINGTON

NSDNT 'ABSORPTION LINE STUDIES OF SUPERNOVA REMNANTS IN THE LARGE MAGELLANIC CLOUD' N. THONNARD - CARNEGIE INST. OF WASHINGTON

SJDJT 'JOVIAN ATMOSPHERIC DYNAMICS & PHOTOCHEMISTRY' J.T. TRAUGER - CALIFORNIA INSTITUTE OF TECHNOLOGY

QSDDT 'LYMAN CONTINUUM OBSERVATIONS OF BROAD ABSORPTION LINE QSOs' D.A. TURNSHEK - UNIVERSITY OF ARIZONA

CCDAW 'A STUDY OF THE CHROMOSPHERES, CORONAE AND TRANSITION REGIONS OF MAIN SEQUENCE AND GIANT STARS' A. WALKER - STANFORD

QSDW 'LUMINOSITY CALIBRATION OF LCW Z QUASARS' F.J. WAMPLER - UNIV. OF CALIFORNIA, SANTA CRUZ

EGDEW 'A STUDY OF THE STELLAR POPULATION OF NGC 5128' E.J. WAMPLER - UNIV. OF CALIFORNIA, SANTA CRUZ
IGDHW 'IUE OBSERVATIONS OF HIGH VELOCITY CLOUDS' H. WEAVER - UNIVERSITY OF CALIFORNIA, BERKELEY
WDDGW 'OBSERVATIONS OF THE ULTRAVIOLET SPECTRA OF CARBON WHITE DWARFS' G.A. WEGNER - PENNSYLVANIA STATE UNIVERSITY
QSDAW 'IUE STUDIES OF ACTIVE GALAXIES' A.S. WILSON - UNIVERSITY OF MARYLAND
DBDAW 'CORRELATION OF FAR-UV EXTINCTION WITH THE STRENGTH OF THE LAMDA 4430 DIFFUSE INTERSTELLAR BAND' A. WITT - UNIV OF TOLEDO
NRDAW 'ILLUMINATING STARS OF REFLECTION NEBULAE OBSERVED BY ANS & TD-1' A.N. WITT - UNIVERSITY OF TOLEDO
BLDDW 'SIMULTANEOUS MULTIFREQUENCY OBSERVATIONS OF BL LACERTAE OBJECTS' D.M. WORRALL - UNIV OF CALIFORNIA, SAN DIEGO
EGDCW 'UV OBSERVATIONS OF THREE SO GALAXIES SUSPECTED TO HAVE HAD RECENT STAR FORMATION' C.C. WU - COMPUTER SCIENCES
FBDCW 'UV OBSERVATIONS OF THE PROBABLE STELLAR REMNANT OF SUPERNOVA AD1006' C.C. WU - COMPUTER SCIENCES CORPORATION
CBDCW 'TARGET OF OPPORTUNITY OBSERVATIONS OF NOVA & X-RAY NOVA' C.C. WU - COMPUTER SCIENCES CORPORATION
GHDDY 'ABSORPTION MEASURES OF GAS IN GALACTIC HALOS' D.G. YORK - PRINCETON UNIVERSITY
IGDDY 'THE EXTENT OF A HOT GASEOUS GALACTIC HALO' D.G. YORK - PRINCETON UNIVERSITY
OD46B '32 CYGNI' R. STENCEL - UNIVERSITY OF COLORADO
OD47B 'BL LAC OBJECTS' K.R.H HACKNEY - WESTERN KENTUCKY UNIVERSITY
OD48B 'EXTINCTION' R.H KOCH - UNIVERSITY OF PENNSYLVANIA
OD49B 'MR 5110' J. LINSKY - UNIVERSITY OF COLORADO
OD50B 'WOLF-RAYET STAR WITH RING NEBULA HD 32402' Y.H. CHU - UNIVERSITY OF CALIFORNIA BERKELEY
OD51B 'ACTIVE MASS TRANSFER PHASE OF U CEPHEI' E.C. OLSON - UNIVERSITY OF ILLINOIS
OD52B 'SEARCH FOR COMPANIONS OF DELTA CEPHEI STARS & POPULATION II CEPHEIDS' E. BOHM-VITENSE - UNIVERSITY OF WASHINGTON
OD53B 'RY SGR AT MAXIMUM LIGHT' A.V. HOLM - COMPUTER SCIENCES CORPORATION

OD54B 'EPSILON AURIGAE' R. D. CHAPMAN - GSFC

OD55B 'NEAR SOLAR TYPE STARS' K. HALLAM - GSFC

OD56B 'INTERSTELLAR MEDIUM IN THE SOLAR NEIGHBORHOOD' F.C. BRUHWEILER - COMPUTER SCIENCES CORPORATION

OD57B 'TWO CYCLIC V/R VARIABLES' J. SAHADE - INSTITUTO DE ASTRONMIE Y FISICA DE ESPACIO

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PRG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P A P	L A P	EXPOSE TIME			OBSERVATION DATE			ST ID	RELEASE DATE		OBSERVERS COMMENTS
		HR	MN	SEC	DEG	HN	SC								MIN	SE	YR	DAY	HR	MIN		YR	DAY	
NULL IMG	CVDSS	.	.	.	.	.	.	.	.	.	99 SWP 13694	L	.	.	000 00 81	100 00 00	00 00 81	305	G	81/305	NO COMMENTS
NULL	GHDDY	.	.	.	.	.	.	.	.	.	99 LWP 1309	H	.	.	000 00 81	103 00 21	00 21 81	035	G	82/035	NO COMMENTS
NULL	PHCAL	.	.	.	.	.	0.0	.	.	.	99 SWP 13634	L	.	.	000 00 81	091 01 11	01 11 81	299	G	81/299	NO COMMENTS
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10319	L	.	.	000 00 81	099 11 52	11 52 81	308	G	81/308	B=25
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10678	H	.	.	000 00 81	142 19 52	19 52 81	361	G	81/361	B=28
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10320	L	S	C	000 00 81	099 12 14	12 14 81	308	G	81/308	B=28
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 SWP 14018	H	S	C	000 04 81	141 20 15	20 15 81	355	G	81/355	E=255, B=120
TFLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10321	L	.	.	000 07 81	099 12 42	12 42 81	308	G	81/308	B=95
TFLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10322	L	.	.	000 07 81	099 13 05	13 05 81	308	G	81/308	B=90
TFLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10323	L	.	.	000 07 81	099 13 33	13 33 81	308	G	81/308	B=93
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99 SWP 14058	H	.	.	000 00 81	145 08 48	08 48 81	362	G	81/362	B=21
UV FLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 SWP 13932	L	.	.	000 01 81	128 21 48	21 48 81	348	G	81/348	NO COMMENTS
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 LWR 10483	L	S	C	000 06 81	120 18 13	18 13 81	327	G	81/327	E=50X
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99 SWP 14059	H	.	.	000 00 81	145 09 10	09 10 81	362	G	81/362	B=23
UV FLOOD	PHCAL	.	.	.	.	.	0.0	.	.	.	99 SWP 13633	L	.	.	001 09 81	091 00 44	00 44 81	299	G	81/299	NO COMMENTS
NULL IMG	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10404	L	S	C	000 00 81	111 15 02	15 02 81	323	G	81/323	B=25
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 SWP 14019	L	S	C	000 01 81	141 20 44	20 44 81	355	G	81/355	E=255, B=110
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 SWP 13854	H	S	C	000 00 81	120 22 07	22 07 81	327	G	81/327	E=50X
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10637	L	.	.	000 00 81	137 23 05	23 05 81	350	G	81/350	B=25
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 SWP 13853	H	S	C	000 00 81	120 20 03	20 03 81	005	G	82/005	NO COMMENTS
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10638	L	S	C	000 00 81	137 23 29	23 29 81	350	G	81/350	B=28
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 SWP 13853	H	S	C	000 00 81	120 20 01	20 01 81	005	G	82/005	NO COMMENTS
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 SWP 13852	L	S	C	000 04 81	120 19 38	19 38 81	327	G	81/327	E=50X
TFLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 SWP 14020	L	.	.	000 04 81	141 21 09	21 09 81	361	G	81/361	B=110
UV FLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10487	L	.	.	000 18 81	120 23 31	23 31 81	328	G	81/328	NO COMMENTS
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 SWP 13854	H	S	C	000 00 81	120 22 05	22 05 81	327	G	81/327	E=50X
UV FLOOD	PHCAL	.	.	.	.	.	0.0	.	.	.	99 SWP 14063	L	.	.	000 18 81	145 11 26	11 26 81	362	G	81/362	B=40
UV FLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 SWP 13632	H	.	.	000 49 81	091 00 13	00 13 81	299	G	81/299	NO COMMENTS
UV FLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 SWP 14062	H	.	.	004 33 81	145 10 53	10 53 81	362	G	81/362	B=1.5X
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 LWR 10670	L	S	C	000 00 81	141 21 46	21 46 81	355	G	81/355	E=255, B=90
UV FLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 SWP 14060	H	.	.	001 49 81	145 09 54	09 54 81	362	G	81/362	B=138
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10340	H	.	.	000 00 81	102 00 52	00 52 81	308	G	81/308	NO COMMENTS
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 SWP 13852	L	S	C	000 00 81	120 19 36	19 36 81	327	G	81/327	E=50X
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 LWR 10342	L	.	.	000 00 81	102 01 50	01 50 81	306	G	81/306	C=210, B=26
UV FLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 SWP 14061	H	.	.	000 09 81	145 10 25	10 25 81	362	G	81/362	B=32
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 LWR 10342	L	.	.	000 00 81	102 01 50	01 50 81	306	G	81/306	B=210, B=26
TFLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10671	L	S	C	000 06 81	141 22 12	22 12 81	355	G	81/355	B=150
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98 LWR 10483	L	S	C	000 00 81	120 18 15	18 15 81	327	G	81/327	E=50X
UVFL-50X	PHCAL	.	.	.	.	.	.	.	.	.	99 LWR 10403	L	.	.	001 52 81	111 14 39	14 39 81	323	G	81/323	B=150
WAVCAL	PHCAL	98 SWP 14019	L	S	C	000 04 81	141 20 42	20 42 81	355	G	81/355	E=255, B=110			

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

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OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P P	A P P	EXPOSE TIME			OBSERVATION DATE			ST ID	RELEAS DATE		OBSERVERS COMMENTS
		HR	MN	SEC	DEG	MN	SC								MIN	SE	YR	DAY	HR	MN		YR	DAY	
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98	LWR	10669	H S	C	000	00	81	141	21	20	G	81/355	E=255, B=120
TFLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99	LWR	10485	L S	C	000	06	81	120	19	09	G	81/328	NO COMMENTS
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98	LWR	10669	H S	C	000	00	81	141	21	21	G	81/355	E=255, B=120
TFLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99	SWP	13855	H S	S	000	05	81	120	22	34	G	81/328	NO COMMENTS
UVFL-10%	PHCAL	.	.	.	.	.	.	.	.	.	99	LWR	10401	L L	O	000	00	81	111	13	46	G	81/320	B=45
UVFL-60%	PHCAL	.	.	.	.	.	.	.	.	.	99	LWR	10400	L L	O	000	00	81	111	13	19	G	81/320	B=158
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99	LWR	10673	L L	O	000	00	81	141	23	05	G	81/351	B=29
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98	SWP	14018	H S	C	002	00	81	141	20	17	G	81/355	E=255, B=120
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98	LWR	10484	H S	C	000	15	81	120	18	41	G	81/327	E=50X
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99	LWR	10674	L L	O	000	00	81	141	23	26	G	81/351	B=29
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98	LWR	10484	H S	C	000	06	81	120	18	40	G	81/327	E=50X
WAVCAL	PHCAL	.	.	.	.	.	.	.	.	.	98	LWR	10670	L L	C	000	06	81	141	21	44	G	81/355	E=255, B=90
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99	LWP	1320	H H	O	000	00	81	141	16	23	G	81/348	B=40
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99	SWP	14065	H L	O	000	00	81	145	12	25	G	81/362	B=22
UVFL140%	PHCAL	.	.	.	.	.	.	.	.	.	99	LWR	10402	L L	O	004	22	81	111	14	11	G	81/320	B=1.4X
UV FLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99	SWP	14064	H L	O	001	49	81	145	11	54	G	81/362	B=143
NULL	PHCAL	.	.	.	.	.	.	.	.	.	99	LWR	10672	L L	O	000	00	81	141	22	37	G	81/351	B=29
UV FLOOD	PHCAL	.	.	.	.	.	.	.	.	.	99	LWR	10486	L L	O	001	53	81	120	23	00	G	81/328	NO COMMENTS
SKY BKGD	BLDDW	00	00	00.0	00	00	00				07	LWR	10492	L L	O	250	00	81	121	09	12	G	81/328	B=50
SKY BKGD	BLDDW	00	00	00.0	00	00	00				07	LWR	10503	L L	O	345	00	81	122	09	15	G	81/333	B=68
BACKGRND	CCDKH	00	00	00.0	00	00	00				07	SWP	14035	L S	O	015	00	81	143	17	52	G	81/361	NO COMMENTS
BACKGRND	CCDKH	00	00	00.0	00	00	00				07	SWP	14034	L S	O	031	00	81	143	16	14	G	81/361	NO COMMENTS
BACKGRND	CCDKH	00	00	00.0	00	00	00				07	SWP	14039	L S	O	050	00	81	143	22	51	G	81/361	NO COMMENTS
BACKGRND	CCDKH	00	00	00.0	00	00	00				07	SWP	13988	L S	O	002	41	81	137	19	56	G	81/357	NO COMMENTS
BACKGRND	CCDKH	00	00	00.0	00	00	00				* 07	SWP	14037	L S	O	003	00	81	143	20	31	G	81/361	NO COMMENTS
BACKGRND	CCDKH	00	00	00.0	00	00	00				07	SWP	14038	L S	O	002	39	81	143	21	35	G	81/361	NO COMMENTS
SKY	GHDDY	00	00	00.0	00	00	00				07	LWR	10335	L L	O	980	00	81	101	02	19	G	81/308	B=128
SKY BKGD	GHDDY	00	00	00.0	00	00	00				07	LWR	10347	H L	O	000	00	81	103	21	57	G	81/312	B=175, EXP. 1150 MIN
BACKGRND	GHDDY	00	00	00.0	00	00	00				07	LWP	13111	H L	O	400	00	81	103	10	09	G	/	NO COMMENTS
GEC CORN	KF521	00	00	00.0	00	00	00	00.0			3	SWP	13873	L L	O	026	00	81	123	07	21	V	/	231
SATURN	KF521	00	00	00.0	00	00	00	0.9			3	SWP	13872	L L	O	030	00	81	123	03	34	V	/	831
JUPITER	KF521	00	00	00.0	00	00	00	-1.9			3	SWP	13871	L L	O	008	00	81	123	01	44	V	/	850
N 4762	HC583	00	00	00.0	00	00	00	11.5			0	SWP	13892	L L	O	391	00	81	125	01	16	V	/	103
N 4762	HC583	00	00	00.0	00	00	00	11.5			0	LWR	10522	L L	O	367	00	81	125	01	23	V	/	005 SERENDIPITY
SKY	NPDSM	00	00	00.0	00	00	00				07	LWR	10713	L L	O	120	00	81	146	07	18	G	81/361	B=42
BACKGRND	NPDSM	00	00	00.0	00	00	00				07	LWR	10711	L L	O	050	00	81	146	00	52	G	81/361	B=34
SKY	NPDSM	00	00	00.0	00	00	00				07	LWR	10714	L L	O	110	00	81	146	12	35	G	81/361	B=39
BACKGRND	NPDSM	00	00	00.0	00	00	00				07	SWP	14075	L L	O	180	00	81	146	02	40	G	81/362	E=255, B=40
BACKGRND	NPDSM	00	00	00.0	00	00	00				07	LWR	10682	L L	O	190	00	81	143	08	46	G	81/361	B=50
SKY BKGD	OD45B	00	00	00.0	00	00	00				07	SWP	13636	H S	C	410	00	81	091	11	03	G	81/299	C=120, B=80

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR FB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P R	L A P P	EXPOSE TIME		OBSERVATION DATE		ST ID	RELEASE DATE		OBSERVERS COMMENTS			
		HR	MN	SEC	DEG	MN	SC								MIN	SE	YR	DAY		HR	MN		YR	DAY	
UNKNOWN	OD48B	00	00	00.0	00	00	00				07	SWP	13869	L	S	0	000	00	81	122	21	37	G	81/326	C=50, B=25
SKY	PHCAL	00	00	00.0	00	00	00				07	LWR	10341	H	L	0	001	49	81	102	01	25	G	81/308	NO COMMENTS
4 VESTA	SADDH	00	00	00.0	00	00	00	7.4		G2	V					0	020	00	81	134	12	37	G	81/351	C=185, B=30
20 MASSIL	SADDH	00	00	00.0	00	00	00	10.7		G2	V					0	090	00	81	134	15	29	G	81/351	C=200, B=72
4 VESTA	SADDH	00	00	00.0	00	00	00	7.4		G2	V					0	020	00	81	134	14	11	G	81/351	C=205, B=27
20 MASSIL	SADDH	00	00	00.0	00	00	00	10.7		G2	V					0	105	00	81	133	14	50	G	81/351	C=200, B=75
4 VESTA	SADDH	00	00	00.0	00	00	00	8.2		G2	V					0	014	00	81	132	15	58	G	81/351	C=200, B=29
4 VESTA	SADDH	00	00	00.0	00	00	00	7.4		G2	V					0	120	00	81	135	14	05	G	81/340	C=58, B=42
GANIMEDE	SJDDH	00	00	00.0	00	00	00	4.7		G2	V					0	001	24	81	132	17	54	G	81/351	C=220, B=26
EUROPA	SJDDH	00	00	00.0	00	00	00	5.2		G2	V					0	095	00	81	133	10	07	G	81/354	C=220, B=43
EUROPA	SJDDH	00	00	00.0	00	00	00	5.3		G2	V					0	002	44	81	132	18	31	G	81/351	C=220, B=26
EUROPA	SJDDH	00	00	00.0	00	00	00	5.2		G2	V					0	014	44	81	133	08	51	G	81/354	C=215, B=28
EUROPA	SJDDH	00	00	00.0	00	00	00	5.3		G2	V					0	002	14	81	132	19	33	G	81/351	C=221, B=25
CALLISTO	SJDDH	00	00	00.0	00	00	00	6.0		G2	V					0	003	49	81	132	23	33	G	81/351	C=195, B=25
EUROPA	SJDDH	00	00	00.0	00	00	00	5.2		G2	V					0	001	54	81	132	22	57	G	81/348	C=180, B=25
GANIMEDE	SJDDH	00	00	00.0	00	00	00	4.7		G2	V					0	075	00	81	132	21	01	G	81/348	C=215, B=24
CALLISTO	SJDDH	00	00	00.0	00	00	00	6.5		G2	V					0	003	00	81	133	13	21	G	81/348	C=205, B=28
GANIMEDE	SJDDH	00	00	00.0	00	00	00	4.7		G2	V					0	001	11	81	133	17	36	G	81/351	C=170, B=25
EUROPA	SJDDH	00	00	00.0	00	00	00	5.2		G2	V					0	001	34	81	133	12	20	G	81/354	C=210, B=24
GANIMEDE	SJDDH	00	00	00.0	00	00	00	4.9		G2	V					0	001	34	81	132	17	16	G	81/351	C=230, B=25
IO	SJDDH	00	00	00.0	00	00	00	5.6		G2	V					0	013	00	81	133	18	31	G	81/351	C=200, B=29
IO	SJDDH	00	00	00.0	00	00	00	5.6		G2	V					0	013	00	81	133	19	18	G	81/351	C=205, B=35
IO	SJDDH	00	00	00.0	00	00	00	5.6		G2	V					0	018	00	81	132	12	53	G	81/355	C=214, B=30
BACKGROUND	SJDDH	00	00	00.0	00	00	00									0	195	00	81	133	19	22	G	81/336	B=53
EUROPA	SJDDH	00	00	00.0	00	00	00	5.3		G2	V					0	100	00	81	134	21	48	G	81/351	C=165, B=70
CALLISTO	SJDDH	00	00	00.0	00	00	00	5.3		G2	V					0	005	10	81	134	20	51	G	81/351	C=200, B=32
GANIMEDE	SJDDH	00	00	00.0	00	00	00	5.3		G2	V					0	080	00	81	134	18	03	G	81/351	C=230, B=82
EUROPA	SJDDH	00	00	00.0	00	00	00	5.3		G2	V					0	003	00	81	132	12	20	G	81/355	C=88, B=25
GANIMEDE	SJDDH	00	00	00.0	00	00	00	5.3		G2	V					0	002	30	81	134	19	58	G	81/351	C=170, B=25
IO	SJDDH	00	00	00.0	00	00	00	5.0		G2	V					0	017	54	81	132	09	43	G	81/355	C=206, B=25
CALLISTO	SJDDH	00	00	00.0	00	00	00	5.0		G2	V					0	003	00	81	132	11	20	G	81/355	C=194, B=42
EUROPA	SJDDH	00	00	00.0	00	00	00	5.0		G2	V					0	003	15	81	132	10	36	G	81/355	C=211, B=23
IO	SJDDH	00	00	00.0	00	00	00	5.0		G2	V					0	017	40	81	132	08	56	G	81/356	C=200, B=25
RHEA	SSDAL	00	00	00.0	00	00	00	9.8		G2	V					0	055	00	81	134	08	37	G	81/354	C=180, B=35
RHEA	SSDAL	00	00	00.0	00	00	00	9.8		G2	V					0	080	00	81	134	10	11	G	81/351	C=225, B=40
RHEA	SSDAL	00	00	00.0	00	00	00	9.9		G2	V					0	070	00	81	135	22	11	G	81/356	C=162, B=41
RHEA	SSDAL	00	00	00.0	00	00	00	9.7		G2	V					0	050	00	81	135	20	38	G	81/356	C=105, B=35
RHEA	SSDAL	00	00	00.0	00	00	00	9.7		G2	V					0	055	00	81	133	22	47	G	81/348	C=210, B=39
RHEA	SSDAL	00	00	00.0	00	00	00	9.9		G2	V					0	090	00	81	133	20	32	G	81/354	C=154, B=88

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D A S P P R	L EXPOSE TIME		OBSERVATION DATE		ST ID	RELEASE DATE		OBSERVERS COMMENTS							
		HR	MM	SEC	DEG	MM	SC							P	MIN	SE	YR		DAY	HR		MM	YR	DAY				
HD	IAPETUS	SSDAL	00	00	00.0	00	00	00	11.3		*	04	LWR	10573	L	L	0	646	00	81	131	09	13	G	81/340	C=225,B=85		
	IAPETUS	SSDAL	00	00	00.0	00	00	00	12.3			04	LWR	10619	L	L	0	390	00	81	135	08	59	G	81/356	C=190,B=68		
	BACKGRND	SSDAL	00	00	00.0	00	00	00	+2.3			07	SWP	13959	L	L	0	340	00	81	131	17	26	G	81/340	B=75		
	225094	NSDJR	00	00	50.0	+63	21	46	6.2	E0.44	B3	IB	23	LWR	10396	H	L	0	030	00	81	110	20	25	G	81/320	C=1.5X,B=43	
HD	108	HSCPC	00	03	26.9	+63	24	06	7.5	E0.48	07	15	SWP	13910	H	L	0	025	00	81	126	18	31	G	81/344	E=177,C=190,B=60		
HD	H H H	108	HSCPC	00	03	26.9	+63	24	06	7.5	E0.48	07	15	LWR	10537	H	L	0	020	00	81	126	18	02	G	81/344	C=230,B=50	
		352	CZ502	00	05	38.0	-02	43	00	6.1			47	SWP	14000	L	L	0	060	00	81	140	02	02	V	//	S41	
		352	CZ502	00	05	38.0	-02	43	00	6.1			47	LWR	10659	L	S	0	004	00	81	140	01	54	V	//	341	
		352	CZ502	00	05	38.0	-02	43	00	6.1			47	LWR	10659	L	L	0	010	00	81	140	01	41	V	//	601	
NGC	40	NPDLA	00	10	16.5	+72	14	39	12.7			70	SWP	13919	L	L	0	060	00	81	127	20	13	G	81/344	B=70		
NGC	40	NPDLA	00	10	16.5	+72	14	39	12.7			70	LWR	10542	L	L	0	024	00	81	127	21	19	G	81/344	B=40		
		CCDKH	00	17	37.2	-65	09	30	4.2			44	LWR	10687	L	L	0	025	00	81	143	19	20	G	81/361	E=157,C=2X,B=82		
		CCDKH	00	17	37.2	-65	09	30	4.2			44	LWR	10520	H	L	0	010	00	81	124	21	44	G	81/335	E=85,C=250,B=35		
		CCDKH	00	17	37.2	-65	09	30	4.2			44	SWP	13890	L	L	0	020	00	81	124	22	00	G	81/335	E=93,C=231,B=50		
HD	1581	CCDKH	00	17	37.2	-65	09	30	4.2			44	SWP	14036	L	S	0	029	00	81	143	18	47	G	81/361	E=46,C=1.5X,B=60		
HD	H	1581	CCDKH	00	17	37.2	-65	09	30	4.2			44	SWP	14036	L	L	0	029	00	81	143	18	46	G	81/361	E=46,C=1.5X,B=60	
		2151	UK458	00	23	09.0	-77	32	00	2.8			44	LWR	10605	H	L	0	007	00	81	134	05	19	V	//	662	
		000SNCN2	NPDSM	00	30	33.1	-71	58	32	16.4			70	LWR	10715	L	L	0	037	00	81	146	15	12	G	81/361	C=40,B=40	
		000SNCN2	NPDSM	00	30	33.1	-71	58	32	16.4			70	SWP	14078	H	L	0	127	59	81	146	12	33	G	81/361	E=216,B=40	
HD	3360	PRCAL	00	34	10.3	+53	37	19	3.7			21	LWR	10548	H	L	0	000	20	81	128	17	48	G	81/356	C=215,B=35		
HD	000SNCN5	3360	PRCAL	00	34	10.3	+53	37	19	3.7			21	SWP	13928	H	L	0	000	23	81	128	17	44	G	81/356	C=205,B=30	
		NPDSM	00	39	25.3	-73	01	43	16.4			70	SWP	14077	L	L	0	045	00	81	146	10	52	G	81/361	E=113,B=22		
		NPDSM	00	39	26.0	-73	01	43	16.4			70	FES	1331	D	2	0	104	00	81	146	04	24	G	81/351	NO COMMENTS		
		NPDSM	00	39	26.0	-73	01	43	16.4			70	SWP	14076	L	L	0	180	00	81	146	06	48	G	81/361	E=199,B=32		
HD	4004	HSCPC	00	40	30.0	+64	29	40	10.5	E0.85	WN	11	SWP	13911	L	S	0	004	00	81	126	19	38	G	81/344	E=103,C=50,B=30		
HD	4004	HSCPC	00	40	30.0	+64	29	19	10.5	E0.85	WN	11	SWP	13909	L	L	0	020	00	81	126	17	23	G	81/335	E=5X,C=110,B=47		
		HSCPC	00	40	30.0	+64	29	19	10.5	E0.85	WN	11	LWR	10536	L	L	0	014	00	81	126	17	01	G	81/335	E=2.5X,C=205,B=35		
		HSCPC	00	40	30.0	+64	29	19	10.5	E0.85	WN	11	SWP	13911	L	L	0	004	00	81	126	19	28	G	81/344	E=193,C=50,B=30		
		CCDNG	00	51	26.7	-74	55	23	7.8			G2	V	44	LWR	10275	L	L	0	002	15	81	093	13	05	G	81/299	C=120,B=30
HD	5303	CCDNG	00	51	26.7	-74	55	23	7.8			G2	V	44	LWR	10274	L	S	0	000	45	81	093	10	44	G	81/302	C=58,B=24
HD	5303	CCDNG	00	51	26.7	-74	55	23	7.8			G2	V	44	LWR	10274	L	L	0	000	45	81	093	10	48	G	81/302	C=75,B=24
		CCDNG	00	51	26.7	-74	55	23	7.8			G2	V	44	SWP	13647	L	L	0	120	00	81	093	11	00	G	81/302	E=6X,C=220,B=30
		CCDNG	00	51	26.7	-74	55	23	7.8			G2	V	44	LWR	10276	L	L	0	002	15	81	093	13	54	G	81/302	C=140,B=22
		WRDPH	00	57	47.0	-72	26	05	11.5			WN	11	SWP	14112	L	L	0	005	00	81	149	20	56	G	81/361	E=270,C=160,B=30	
HD	5980	WRDPH	00	57	47.0	-72	26	00	11.5			WN	11	SWP	14135	L	L	0	004	00	81	151	17	27	G	82/003	E=240,C=140,B=32	
HD	H	5980	WRDPH	00	57	47.0	-72	26	00	11.5			WN	11	SWP	14135	L	S	0	002	00	81	151	17	34	G	82/003	E=92,C=60,B=32
		5980	WRDPH	00	57	47.0	-72	26	05	11.5			WN	11	LWR	10445	L	L	0	002	29	81	149	20	47	G	81/362	C=115,B=27
		12311	UK458	01	57	12.0	-61	48	00	2.9			40	LWR	10607	H	L	0	004	00	81	134	07	12	V	//	552	
		16458	CBDEB	02	40	25.6	+81	14	23	5.8			KO	III	47	SWP	10841	L	L	0	122	00	81	119	15	03	G	81/330	B=94
HD	16458	CBDEB	02	40	25.6	+81	14	23	5.8			KO	III	47	LWR	10471	H	L	0	120	00	81	119	17	10	G	81/333	C=110,B=82

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

PAGE 5

OBJECT ID	PROG ID	TARGET RA		TARGET DEC		VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P	A P P	L EXPOSE TIME MIN SE	OBSERVATION DATE			ST ID	RELEASE DATE		OBSERVERS COMMENTS
		HR MN	SEC	DEG MN SC	HR MN									SEC	YR	DAY		HR	MIN		DAY	HR	MIN
HD	16458	CBDEB	02 40 25.6	+81 14 23	5.8		K0	III	47	LWR	10474	L L	0 003 00	81	119	21	11	G	81/330	C=80, B=27
HD	16458	CBDEB	02 40 25.6	+81 14 23	5.8		K0	III	47	LWR	10474	L L	0 006 00	81	119	21	10	G	81/330	C=180, B=27
HD	19873	CCDMG	03 05 26.7	+49 25 27	4.1		G4	V	44	SWP	13639	L L	0 070 00	81	091	23	21	G	81/300	F=233, C=2-3X, B=110
HD	19373	CCDMG	03 05 26.7	+49 25 27	4.2		G4	V	44	LWR	10278	L L	0 000 18	81	093	19	14	G	81/302	F=1.5X, C=1.5X, B=23
HD	19373	CCDMG	03 05 26.7	+49 25 27	4.1		G4	V	44	LWR	10264	L L	0 000 19	81	092	00	39	G	81/300	C=1.5X, B=25
HD	19373	CCDMG	03 05 26.7	+49 25 27	4.2		G4	V	44	SWP	13649	L L	0 090 00	81	093	17	40	G	81/302	F=200, C=2X, B=95
HD	20794	CCDKH	03 18 04.5	-43 15 11	4.3		G5	V	44	LWR	10519	H L	0 008 00	81	124	20	03	G	81/335	F=74, C=155, B=35
HD	20794	CCDKH	03 18 04.5	-43 15 11	4.3		G5	V	44	SWP	14039	L L	0 050 00	81	143	22	50	G	81/361	F=215, C=115, B=20
HD	20794	CCDKH	03 18 04.5	-43 15 11	4.3		G5	V	44	LWR	10690	H L	0 024 00	81	143	22	19	G	81/361	F=129, C=1.5X, B=38
HD	20794	CCDKH	03 18 40.6	-43 15 12	4.3		G5	V	44	SWP	13889	L L	0 020 00	81	124	20	17	G	81/335	F=84, C=80, B=55
GK	PER	CVDCW	03 27 47.6	+43 44 04	13.5		B0	V	55	LWR	10332	L L	0 065 00	81	100	16	54	G	81/308	F=159, C=130, B=36
GK	PER	CVDCW	03 27 47.6	+43 44 04	13.5		B0	V	55	SWP	13696	L L	0 170 00	81	100	14	00	G	81/308	F=150, C=105, B=30
GK	PER	CVDCW	03 27 47.6	+43 44 04	13.5		B0	V	55	SWP	13661	L L	0 045 00	81	095	12	13	G	81/302	F=59, C=60, B=29
H	1786	CC554	04 58 54.0	-67 49 00	10.9				83	LWR	10379	L L	0 230 00	81	108	05	57	V	/	706
H	1786	CC554	04 58 54.0	-67 49 00	10.9				83	SWP	13750	L L	0 430 00	81	109	02	26	V	/	303
HD	33262	CCDKH	05 04 39.0	-57 32 22	4.7		F8	V	41	LWR	10518	H L	0 015 00	81	124	18	34	G	81/335	F=181, C=260, B=45
HD	33262	CCDKH	05 04 39.0	-57 32 22	4.7		F8	V	41	LWR	10685	H L	0 015 00	81	143	16	48	G	81/361	F=195, C=1.3X, B=45
HD	33262	CCDKH	05 04 39.0	-57 32 22	4.7		F8	V	41	SWP	14034	L L	0 031 00	81	143	16	13	G	81/361	F=151, C=2X, B=65
HD	33262	CCDKH	05 04 39.0	-57 32 22	4.7		F8	V	41	SWP	13888	L L	0 025 00	81	124	19	03	G	81/335	C=3-5X, B=45
ALPH	AUR	CSDTA	05 12 58.9	+45 56 57	0.1		G6	III	45	SWP	13824	L L	0 002 29	81	117	23	43	G	81/330	F=163, C=2X, B=18
ALPH	AUR	CSDTA	05 12 58.9	+45 56 57	0.1	EO.04	G6	III	45	SWP	13820	L L	0 000 24	81	117	21	07	G	81/330	F=44, C=122, B=17
ALPH	AUR	CSDTA	05 12 58.9	+45 56 57	0.1		G6	III	45	SWP	13822	L L	0 001 00	81	117	22	13	G	81/330	F=83, C=245, B=18
ALPH	AUR	CSDTA	05 12 58.9	+45 56 57	0.1		G6	III	45	SWP	13821	H L	0 010 00	81	117	21	37	G	81/330	F=135, C=155, B=40
ALPH	AUR	CSDTA	05 12 58.9	+45 56 57	0.1		G6	III	45	SWP	13823	H L	0 025 00	81	117	22	48	G	81/330	F=127, C=1.5X, B=72
ALPH	AUR	CSDTA	05 12 58.9	+45 56 57	0.1		G6	III	45	LWR	10458	H L	0 000 49	81	117	22	41	G	81/330	F=218, C=290, B=28
ALPH	AUR	CSDTA	05 12 58.9	+45 56 57	0.1		G6	III	45	SWP	13825	H L	0 060 00	81	118	00	19	G	81/326	F=168, C=2-3X, B=70
ALPH	AUR	CSDTA	05 12 58.9	+45 56 57	0.1		G6	III	45	LWR	10459	H L	0 000 49	81	117	23	50	G	81/334	F=230, C=290, B=32
ALPH	AUR	RSDTA	05 12 58.9	+45 56 58	0.1		G6	III	45	LWR	10473	H L	0 000 49	81	119	19	37	G	81/333	F=224, C=1.5X, B=30
CAPELLA	AUR	RSDTA	05 12 58.9	+45 56 58	0.1		G6	III	45	SWP	13757	H L	0 010 00	81	110	00	24	G	81/320	F=131, C=100, B=26
CAPELLA	AUR	RSDTA	05 12 58.9	+45 56 58	0.1		G6	III	45	LWR	10387	H L	0 000 49	81	109	22	40	G	81/326	F=232, C=1.2X, B=30
CAPELLA	AUR	RSDTA	05 12 58.9	+45 56 58	0.1		G6	III	45	LWR	10388	H L	0 000 49	81	110	00	19	G	81/320	F=222, C=1.2X, B=31
CAPELLA	AUR	RSDTA	05 12 58.9	+45 56 58	0.1		G6	III	45	SWP	13756	H L	0 060 00	81	109	22	53	G	81/326	F=158, C=3X, B=72
ALPH	AUR	RSDTA	05 12 59.0	+45 56 58	0.1		G6	III	45	SWP	13842	H L	0 040 00	81	119	18	53	G	81/333	F=2X, C=2X, B=80
ALPH	AUR	RSDTA	05 12 59.0	+45 56 58	0.1		G6	III	45	LWR	10424	H L	0 000 49	81	113	23	30	G	81/322	F=218, C=270, B=33
ALPH	AUR	RSDTA	05 12 59.0	+45 56 58	0.1		G6	III	45	LWR	10472	H L	0 000 49	81	119	18	47	G	81/333	F=229, C=1.5, B=27
ALPH	AUR	RSDTA	05 12 59.0	+45 56 58	0.1		G6	III	45	SWP	13843	H L	0 010 00	81	119	20	05	G	81/328	F=146, C=140, B=33
ALPH	AUR	RSDTA	05 12 59.0	+45 56 58	0.1		G6	III	45	SWP	13791	H L	0 060 00	81	113	23	37	G	81/322	F=193, C=3-5X, B=133
ALPH	AUR	RSDTA	05 12 59.0	+45 56 58	0.1		G6	III	45	LWR	10425	H L	0 000 49	81	114	00	43	G	81/322	F=220, C=270, B=28
ALPH	AUR	RSDTA	05 12 59.0	+45 56 58	0.1	EO.01	G6	III	45	SWP	13773	H L	0 060 00	81	111	21	00	G	81/320	F=173, C=3X, B=81
ALPH	AUR	RSDTA	05 12 59.0	+45 56 58	0.1	EO.01	G6	III	45	LWR	10407	H L	0 000 49	81	111	20	53	G	81/320	F=232, C=270, B=32

OBJECT ID	PROG ID	TARGET RA		TARGET DEC		VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D A S P R	EXPOSE TIME		OBSERVATION DATE		ST ID	RELEASE DATE		OBSERVERS COMMENTS								
		HR	MN	SEC	DEG							MN	SC	P	MIN		SEC	YR		DAY	HR	MN	YR	DAY			
ALPH	AUR	RS DTA	05	12	59.0	+45	56	58	0.1		G6	III	45	SWP	13808	H	L	0	030	00	81	116	00	47	G	81/326	E=2X, C=2X, B=44
ALPH	AUR	RS DTA	05	12	59.0	+45	56	58	0.1		G6	III	45	LWR	10446	H	L	0	000	49	81	116	01	22	G	81/326	E=203, C=270, B=32
ALPH	AUR	RS DTA	05	12	59.0	+45	56	58	0.1	EO.01	G6	III	45	LWR	10408	H	L	0	000	49	81	111	22	04	G	81/320	E=218, C=270, B=34
ALPH	AUR	RS DTA	05	12	59.0	+45	56	58	0.1	EO.01	G6	III	45	SWP	13774	H	L	0	010	00	81	111	22	33	G	81/323	E=105, C=155, B=37
ALPH	AUR	RS DTA	05	12	59.0	+45	56	58	0.1		G6	III	45	SWP	13721	H	L	0	060	00	81	105	21	15	G	81/314	E=162, C=3X, B=40
ALPH	AUR	RS DTA	05	12	59.0	+45	56	58	0.1		G6	III	45	LWR	10360	H	L	0	000	49	81	105	21	09	G	81/314	E=213, C=1.2X, B=30
ALPH	AUR	RS DTA	05	12	59.0	+45	56	58	0.1		G6	III	45	SWP	13722	H	L	0	010	00	81	105	22	42	G	81/322	E=68, C=150, B=30
ALPH	AUR	RS DTA	05	12	59.0	+45	56	58	0.1		G6	III	45	LWR	10361	H	L	0	000	49	81	105	22	55	G	81/314	E=191, C=1.2X, B=30
ALPH	AUR	RS DTA	05	12	59.0	+45	56	58	0.1		G6	III	45	SWP	13792	H	L	0	010	00	81	114	01	13	G	81/322	E=155, C=144, B=30
ALPH	AUR	RS DTA	05	12	59.4	+45	56	58	0.1		G6	III	45	SWP	13741	H	L	0	060	00	81	107	20	29	G	81/315	C=2-3X, B=75
ALPH	AUR	RS DTA	05	12	59.4	+45	56	58	0.1		G6	III	45	LWR	10375	H	L	0	000	49	81	107	21	33	G	81/315	E=224, C=1.2X, B=29
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	SWP	13700	H	L	0	030	00	81	101	22	06	G	81/312	E=224, C=300, B=36
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	LWR	10337	H	L	0	000	50	81	101	22	00	G	81/312	E=241, C=270, B=31
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	LWR	10287	H	L	0	000	50	81	094	23	47	G	81/301	E=221, C=270, B=30
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	LWR	10338	H	L	0	000	50	81	101	22	40	G	81/312	E=218, C=270, B=31
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	6.0		G6	III	45	SWP	13644	H	L	0	010	00	81	092	19	22	G	81/302	E=149, C=140, B=40
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	LWR	10286	H	L	0	000	50	81	094	22	01	G	81/302	E=226, C=270, B=30
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	SWP	13656	H	L	0	060	00	81	094	22	20	G	81/302	E=3X, C=3X, B=63
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	LWR	10376	H	L	0	000	49	81	107	22	32	G	81/315	E=221, C=1.2X, B=30
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	SWP	13657	H	L	0	010	00	81	094	23	51	G	81/301	E=145, C=140, B=30
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	SWP	13742	H	L	0	010	00	81	107	22	03	G	81/315	E=133, C=95, B=30
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		FG	III	45	SWP	13692	H	L	0	010	00	81	099	23	53	G	81/308	E=160, C=150, B=33
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	LWR	10300	H	L	0	001	00	81	097	00	05	G	81/308	E=246, C=300, B=33
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	LWR	10271	H	L	0	049	00	81	092	21	32	G	81/302	E=228, C=1.5, B=30
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	SWP	13673	H	L	0	010	00	81	096	23	37	G	81/314	E=145, C=120, B=35
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	LWR	10299	H	L	0	001	00	81	096	23	09	G	81/308	E=243, C=300, B=32
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		FG	III	45	LWR	10270	H	L	0	000	50	81	092	19	59	G	81/302	E=216, C=1.5, B=30
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		FG	III	45	SWP	13691	H	L	0	060	00	81	099	22	22	G	81/308	E=185, C=3X, B=90
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	SWP	13645	H	L	0	050	00	81	092	20	31	G	81/302	E=3X, C=3X, B=67
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		FG	III	45	LWR	10327	H	L	0	000	50	81	099	23	26	G	81/308	E=211, C=270, B=33
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		G6	III	45	SWP	13672	H	L	0	060	00	81	096	22	04	G	81/308	E=3X, C=3X, B=98
ALPH	AUR	RS DTA	05	12	59.5	+45	56	58	0.1		FG	III	45	LWR	10326	H	L	0	000	50	81	099	22	17	G	81/308	E=222, C=270, B=33
NGC	1866	GCDAC	05	13	23.9	-6	30	59	9.9				83	SWP	13739	L	L	0	260	00	81	107	13	25	G	81/326	C=205, B=68
NGC	1866	GCDAC	05	13	24.0	-6	31	00	9.9				83	LWR	10372	L	L	0	150	00	81	107	10	51	G	81/315	C=195, B=40
	AKN120	GHDDY	05	13	37.8	-00	12	15	14.5		B0	V	84	SWP	13709	H	L	0			81	103	21	51	G	81/312	C=240, B=146, 1190 MIN
	AKN120	GHDDY	05	13	37.8	-00	12	15	14.5		B0	V	84	SWP	13698	H	L	0			81	101	01	43	G	81/308	C=200, B=180, 1050 MIN
	AKN120	GHDDY	05	13	37.8	-00	12	15	14.5		B0	V	84	SWP	13697	L	L	0	090	00	81	100	18	51	G	81/308	E=235, C=165, B=83
	AKN120	GHDDY	05	13	37.8	-00	12	15	14.5		B0	V	84	LWR	10334	L	L	0	065	00	81	101	00	33	G	81/308	E=210, C=190, B=37
	AKN120	UK447	05	13	38.0	-00	12	00	14.0				84	SWP	13698	H	L	0	999	00	81	101	01	43	V	/	506 ST RD AT GSPC
	AKN120	UK447	05	13	38.0	-00	12	00	14.0				84	LWR	10335	L	L	0	980	00	81	101	02	19	V	/	006 SRENDIPITI BG

	OBJECT ID	PROG ID	TARGET		TARGET		VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P	A P P	EXPOSE TIME		OBSERVATION DATE		ST ID	RELEASE DATE		OBSERVERS COMMENTS				
			HR	MIN	RA	SEC								DEG	MIN	SEC	MIN		SE	YR		DAY	HR	MIN	YR	DAY
	AKN 120	UK447	05	13	38.0	-00	12	00	14.5		84	SWP	13708	H	L	0	880	00	81	103	21	51	V	/	*** ST RD AT GSFC
	AKN 120	UK447	05	13	38.0	-00	12	00	14.5		84	LWR	10346	L	L	0	880	00	81	103	21	57	V	/	*** SERENDIPITY BG
HD	36402	GHDBS	05	26	11.6	-67	32	32	11.5	EO.07	10	SWP	13997	H	L	0	300	00	81	139	09	13	G	81/355	E=207,C=200,B=70
HD	36402	GHDBS	05	26	11.6	-67	32	32	11.5	EO.07	10	LWR	10645	H	L	0	200	00	81	138	13	36	G	81/355	C=200,B=68
HD	36402	GHDBS	05	26	11.6	-67	32	32	11.5	EO.07	10	SWP	13991	H	L	0	300	00	81	138	08	32	G	81/355	E=184,C=190,B=60
	A0526-33	JB601	05	27	34.0	-32	51	00	13.9		59	LWR	10691	L	L	0	050	00	81	144	01	18	V	/	332
	A0526-33	JB601	05	27	34.0	-32	51	00	13.9		59	SWP	14040	L	L	0	050	00	81	144	00	22	V	/	341
	A0526-33	JB601	05	27	34.0	-32	51	00	13.9		59	SWP	14054	L	L	0	060	00	81	145	00	44	V	/	341
NGC	1987	GCDAC	05	27	35.9	-70	47	59	12.0		83	LWR	10383	L	L	0	085	00	81	109	16	22	G	81/322	C=70,B=34
NGC	1987	GCDAC	05	27	36.0	-70	48	00	12.0		83	SWP	13751	L	L	0	300	00	81	109	11	19	G	81/327	C=65,B=55
	N 1978	CC554	05	28	24.0	-66	16	00	10.7		83	SWP	13745	L	L	0	165	00	81	108	02	51	V	/	102
NGC	2004	GCDAC	05	30	41.9	-67	18	59	9.9		83	LWR	10381	L	L	0	015	00	81	108	16	18	G	81/326	C=205,B=30
NGC	2004	GCDAC	05	30	42.0	-67	19	00	9.9		83	LWR	10380	L	L	0	050	00	81	108	14	41	G	81/326	C=3X,B=30
NGC	2004	GCDAC	05	30	42.0	-67	19	00	9.9		83	SWP	13747	L	L	0	015	00	81	108	15	34	G	81/322	C=150,B=20
NGC	2004	GCDAC	05	30	42.0	-67	19	00	9.9		83	SWP	13746	L	L	0	180	00	81	108	11	36	G	81/322	C=10X,B=37
	NS042-71	NSDNT	05	31	25.6	-71	06	09	11.2		23	SWP	14044	H	L	0	310	00	81	144	08	49	G	81/361	C=177,B=80
	NS042-71	NSDNT	05	31	25.6	-71	06	09	11.5		23	SWP	14016	H	L	0	320	00	81	141	09	06	G	81/351	C=210,B=105
HD	36665	IEDTS	05	31	30.1	+28	01	07	8.0	EO.65	26	SWP	13758	L	L	0	003	00	81	110	01	39	G	81/320	C=220,B=20
HD	36665	IEDTS	05	31	30.1	+28	01	07	8.0	EO.65	26	LWR	10389	L	L	0	006	00	81	110	01	25	G	81/320	C=3-4X,B=26
HD	36665	IEDTS	05	31	30.1	+28	01	07	8.0	EO.65	26	LWR	10389	L	S	0	001	15	81	110	01	35	G	81/320	C=190,B=26
	NS042-71	NSDNT	05	31	32.4	-71	06	00	11.2		23	SWP	13885	H	L	0	413	00	81	124	08	56	G	81/335	E=240,C=210,B=105
	NS045-71	NSDNT	05	31	51.2	-71	06	42	11.4		14	SWP	14022	H	L	0	285	00	81	142	08	45	G	82/011	C=175,B=68
	NS045-71	NSDNT	05	32	04.6	-71	06	42	11.4		14	SWP	13908	H	L	0	400	00	81	126	09	10	G	81/335	C=215,B=110
	B 388	HSDRP	05	32	19.8	-05	36	13	8.1	EO.16	30	SWP	13813	L	S	0	003	00	81	116	20	14	G	81/326	C=110,B=25
	B 388	HSDRP	05	32	19.8	-05	36	13	8.2	EO.16	30	LWR	10452	L	S	0	003	00	81	116	22	11	G	81/326	C=175,B=28
	B 388	HS DRP	05	32	19.8	-05	36	13	8.1	EO.16	30	LWR	10452	L	L	0	002	00	81	116	22	03	G	81/326	C=190,B=28
	B 388	HSDRP	05	32	19.8	-05	36	13	8.1	EO.16	30	SWP	13814	L	L	0	009	00	81	116	21	49	G	81/326	C=2X,B=30
	B 388	HSDRP	05	32	19.8	-05	36	13	8.2	EO.16	30	SWP	13813	L	L	0	000	40	81	116	20	23	G	81/326	C=85,B=25
	B 388	HS DRP	05	32	19.8	-05	36	13	8.1	EO.16	30	SWP	13814	L	S	0	000	30	81	116	23	32	G	81/326	B=30
H	36861	RS564	05	32	23.0	+09	54	00	3.5		15	SWP	13725	H	S	0	000	30	81	106	02	40	V	/	501
	B 442	HSDRP	05	32	28.0	-05	32	19	9.0	EO.07	25	LWR	10451	L	L	0	006	00	81	116	19	04	G	81/326	C=3X,B=28
	B 442	HSDRP	05	32	28.0	-05	32	19	9.0	EO.07	25	SWP	13812	L	S	0	010	00	81	116	18	35	G	81/330	C=1.5X,B=40
	B 442	HSDRP	05	32	28.0	-05	32	19	9.0	EO.07	25	SWP	13812	L	L	0	010	00	81	116	18	05	G	81/330	C=3X,B=40
	B 442	HSDRP	05	32	28.0	-05	32	19	9.0	EO.07	25	LWR	10451	L	S	0	006	00	81	116	19	15	G	81/326	C=1.5X,B=28
B	466	HSDRP	05	32	32.8	-05	27	12	10.4	EO.13	30	LWR	10368	L	L	0	025	00	81	106	20	08	G	81/314	C=2-3X,B=32
	B 502	HSDRP	05	32	38.7	-05	14	11	7.8	EO.07	24	LWR	10435	L	L	0	000	49	81	114	22	53	G	81/322	C=2X,B=30
	B 502	HSDRP	05	32	38.7	-05	14	11	7.8	EO.07	24	LWR	10435	L	L	0	000	50	81	114	22	57	G	81/322	C=2X,B=30
	B 502	HS DRP	05	32	38.7	-05	14	11	7.8	EO.07	24	SWP	13801	L	L	0	000	40	81	114	23	25	G	81/322	C=225,B=22
	B 502	HS DRP	05	32	38.7	-05	14	11	7.8	EO.07	24	SWP	13801	L	S	0	000	40	81	114	23	28	G	81/322	C=192,B=22
	B 502	HS DRP	05	32	38.7	-05	14	11	7.8	EO.07	24	SWP	13815	H	L	0	040	00	81	117	00	45	G	81/330	C=205,B=40

OBJECT ID	PROG ID	TARGET RA		TARGET DEC		VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D A S P	L A P	EXPOSE TIME			OBSERVATION DATE			ST ID	RELEAS DATE		OBSERVERS COMMENTS					
		HR	MM	SEC	DEG								MM	SC	MIN	SE	YR	DAY		HR	MM		YR	DAY			
B	530	HSDRP	05	32	42.5	-05	29	48	8.5	E0.33	B2	V	24	SWP	13732	L	L	0	000	49	81	106	18	23	G	81/314	C=255, B=24
B	530	HSDRP	05	32	42.5	-05	29	48	8.5	E0.33	B2	V	24	SWP	13733	H	L	0	045	00	81	106	19	16	G	81/315	C=170, B=45
B	530	HSDRP	05	32	42.5	-05	29	48	8.5	E0.33	B2	V	24	SWP	13732	L	S	0	000	49	81	106	18	27	G	81/314	C=100, B=24
B	530	HSDRP	05	32	42.5	-05	29	48	8.5	E0.33	B2	V	24	LWR	10367	L	L	0	001	19	81	106	19	03	G	81/314	C=180, B=25
B	530	HSDRP	05	32	42.5	-05	29	48	8.5	E0.33	B2	V	24	LWR	10367	L	S	0	001	00	81	106	19	08	G	81/314	C=180, B=25
A0538-66	UK332	05	32	43.0	-66	54	00	14.0					59	LWR	10470	L	L	0	020	00	81	119	07	50	V	/	301
A0538-66	UK332	05	32	43.0	-66	54	00	14.0					59	SWP	13836	L	L	0	040	00	81	119	05	48	V	/	350
A0538-66	UK332	05	32	43.0	-66	54	00	14.0					59	LWR	10469	L	L	0	020	00	81	119	06	33	V	/	301
A0538-66	UK332	05	32	43.0	-66	54	00	14.0					59	SWP	13837	L	L	0	040	00	81	119	06	59	V	/	351
A0538-66	UK332	05	32	43.0	-66	54	00	14.0					59	LWR	10467	L	L	0	030	00	81	119	03	53	V	/	409
A0538-66	UK332	05	32	43.0	-66	54	00	14.0					59	SWP	13834	L	L	0	045	00	81	119	03	04	V	/	360
A0538-66	UK332	05	32	43.0	-66	54	00	14.0					59	LWR	10468	L	L	0	030	00	81	119	05	11	V	/	401
A0538-66	UK332	05	32	43.0	-66	54	00	14.0					59	SWP	13835	L	L	0	040	00	81	119	04	26	V	/	450
A0538-66	UK332	05	32	43.0	-66	54	00	14.0					59	SWP	13838	L	L	0	020	00	81	119	08	21	V	/	231
B	598	HSDRP	05	32	49.0	-05	25	16	5.1	F0.34	O6	V	12	SWP	13737	H	L	0	001	00	81	107	01	31	G	81/315	C=200, B=32
B	598	HSDRP	05	32	49.0	-05	25	16	5.1	F0.34	O6	V	12	SWP	13798	H	L	0	001	00	81	114	19	26	G	81/323	C=170, B=35
B	604	HSDRP	05	32	49.0	-05	23	39	11.2	F0.02	A2	V	30	LWR	10432	L	L	0	005	00	81	114	19	40	G	81/327	C=105, B=32
B	608	HSDRP	05	32	50.3	-05	05	48	9.3	F0.08	B9	V	25	LWR	10453	L	S	0	005	00	81	117	00	34	G	81/330	C=145, B=25
B	608	HSDRP	05	32	50.3	-05	05	48	9.3	F0.08	B9	V	25	LWR	10453	L	L	0	005	00	81	117	00	25	G	81/330	C=190, B=25
B	655	HSDRP	05	32	53.3	-05	23	37	9.7	F0.49	B2	V	20	SWP	13734	L	L	0	001	19	81	106	21	07	G	81/314	B=117, C=90, B=25
B	655	HSDRP	05	32	53.3	-05	23	37	9.7	F0.49	B2	V	20	LWR	10369	L	L	0	002	29	81	106	21	41	G	81/314	C=180, B=32
B	655	HSDRP	05	32	53.3	-05	23	37	9.7	F0.49	B2	V	20	LWR	10369	L	S	0	002	29	81	106	21	47	G	81/314	C=105, B=32
B	655	HSDRP	05	32	53.3	-05	23	37	9.7	F0.49	B2	V	20	SWP	13735	H	L	0	090	00	81	106	21	55	G	81/314	C=130, B=50
B	734	HSDRP	05	33	01.0	-05	28	12	9.5	F0.07	B9	V	25	SWP	13797	L	L	0	015	00	81	114	17	50	G	81/327	B=171, C=2X, B=68
B	734	HSDRP	05	33	01.0	-05	28	12	9.5	F0.07	B9	V	25	LWR	10454	L	L	0	003	00	81	117	01	31	G	81/330	C=130, B=30
B	734	HSDRP	05	33	01.0	-05	28	12	9.5	F0.07	B9	V	25	LWR	10430	L	L	0	010	00	81	114	17	34	G	81/327	C=2X, B=40
B	760	HSDRP	05	33	03.9	-05	27	07	8.7	F0.18	B5	V	24	LWR	10371	L	S	0	000	49	81	107	01	23	G	81/315	C=160, B=30
B	760	HSDRP	05	33	03.9	-05	27	07	8.7	F0.18	B5	V	24	LWR	10371	L	L	0	001	39	81	107	01	17	G	81/315	C=2-3X, B=30
B	747	HSDRP	05	33	03.9	-05	17	54	6.9	F0.54	B0	V	24	SWP	13799	L	L	0	000	14	81	114	21	08	G	81/323	C=1.5X, B=20
B	760	HSDRP	05	33	03.9	-05	27	07	8.7	F0.18	B5	V	24	SWP	13809	H	L	0	046	12	81	116	05	08	G	81/326	C=153, B=35
B	760	HSDRP	05	33	03.9	-05	27	07	8.7	F0.18	B5	V	24	SWP	13736	L	L	0	001	00	81	107	00	48	G	81/315	C=230, B=26
B	767	HSDRP	05	33	03.9	-05	34	59	10.4	F0.19	F0	V	40	LWR	10370	L	L	0	030	00	81	106	23	47	G	81/314	C=1.1X, B=34
B	747	HSDRP	05	33	03.9	-05	17	54	6.9	F0.54	B0	V	24	LWR	10433	L	S	0	000	30	81	114	20	40	G	81/323	COM C=250, B=33
B	747	HSDRP	05	33	03.9	-05	17	54	6.9	F0.54	B0	V	24	LWR	10433	L	L	0	000	29	81	114	20	37	G	81/323	C=2X, B=33
B	747	HSDRP	05	33	03.9	-05	17	54	6.9	F0.54	B0	V	24	LWR	10434	H	L	0	010	00	81	114	21	15	G	81/322	C=188, B=55
B	747	HSDRP	05	33	03.9	-05	17	54	6.9	F0.54	B0	V	24	SWP	13799	L	S	0	000	15	81	114	21	11	G	81/323	C=195, B=20
B	747	HSDRP	05	33	03.9	-05	17	54	6.9	F0.54	B0	V	24	SWP	13800	H	L	0	010	00	81	114	21	45	G	81/328	C=183, B=81
B	776	HSDRP	05	33	06.4	-05	08	14	9.4	F0.04	A0	V	30	LWR	10437	L	S	0	008	00	81	115	01	35	G	81/323	C=190, B=34
B	776	HSDRP	05	33	06.4	-05	08	14	9.4	F0.04	A0	V	30	LWR	10437	L	L	0	008	00	81	115	01	23	G	81/323	C=1.5X, B=34
B	786	HSDRP	05	33	08.2	-05	14	11	9.9	F0.09	A0	V	30	SWP	13802	L	S	0	002	00	81	115	01	17	G	81/323	C=125, B=22

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

PAGE 9

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D A L S P P	EXPOSE TIME MIN SE	OBSERVATION DATE			ST ID	RELEASE DATE		OBSERVERS COMMENTS						
		HR	MM	SEC	DEG	MM	SC								YR	DAY	HR		MM	YR		DAY					
B 786	HSDRP	05	33	08.2	-05	14	11	9.9	EO-09	A0	V	30	SWP	13802	L	L	0	010	00	81	115	00	53	G	81/323	C=125, B=22	
B 786	HSDRP	05	33	08.2	-05	14	11	9.9	EO-09	A0	V	30	LWR	10436	L	L	0	008	00	81	115	00	27	G	81/323	C=175, B=32	
B 786	HSDRP	05	33	08.2	-05	14	11	9.9	EO-09	A0	V	30	LWR	10436	L	S	0	008	00	81	115	00	40	G	81/323	C=133, B=32	
B 884	HSDRP	05	33	22.9	-05	30	22	10.4	EO-33	A3	V	30	LWR	10431	L	L	0	010	00	81	114	18	26	G	81/327	E=155, C=108, B=43	
B 884	HSDRP	05	33	22.9	-05	30	22	10.4	EO-33	A3	V	30	LWR	10447	L	L	0	030	00	81	116	04	28	G	81/330	C=175, B=33	
CS+STAR	HHDKB	05	33	55.4	-06	47	22	16.3	EO-07			58	SWP	13818	L	L	0	300	00	81	117	11	09	G	81/330	B=55	
HH-2H	HHDKB	05	33	59.7	-06	49	02	15.8	EO-34	HH		19	LWR	10450	L	L	0	380	00	81	116	11	28	G	81/323	E=220, C=150, B=90	
1999	HHDKB	05	34	00.7	-06	45	00	11.5	EO-04	AO		73	SWP	13819	L	L	0	120	00	81	117	16	41	G	81/330	E=246, C=173, B=137	
1999	HHDKB	05	34	00.7	-06	45	00	11.5	EO-04	AO		73	LWR	10457	L	L	0	092	00	81	117	18	47	G	81/330	E=121, C=143, B=73	
HH-2H	HHDKB	05	34	04.7	-06	48	57	16.4	EO-04			19	LWR	10475	L	L	0	215	00	81	119	22	13	G	81/328	C=118, B=108	
HD	UK411	05	35	48.0	-28	26	00	8.4				20	SWP	13635	H	L	0	250	00	81	091	03	22	V	/	603	
HD	UK411	05	35	48.0	-28	26	00	8.4				20	LWR	10267	H	L	0	415	00	81	091	07	35	V	/	604	
HD	38268	HSDBS	05	39	04.0	-69	07	35	9.4	EO-38	WN	11	LWR	10624	L	L	0	003	19	81	136	14	30	G	81/354	C=235, B=30	
HD	38268	HSDBS	05	39	04.0	-69	07	35	9.4	EO-38	WN	11	SWP	13985	H	L	0	315	00	81	137	10	29	G	81/351	C=250, B=100	
HD	38268	HSDBS	05	39	04.0	-69	07	35	9.4	EO-38	WN	11	SWP	13975	H	L	0	180	00	81	136	08	46	G	81/354	C=150, B=45	
HD	38268	HSDBS	05	39	04.0	-69	07	35	9.4	EO-38	WN	11	LWR	10624	L	L	0	010	00	81	136	14	34	G	81/354	C=1.1X, B=30	
HD	38268	HSDBS	05	39	04.0	-69	07	35	9.4	EO-38	WN	11	SWP	13976	L	S	0	005	00	81	136	13	54	G	81/354	C=200, B=25	
HD	38268	HSDBS	05	39	04.0	-69	07	35	9.4	EO-38	WN	11	LWR	10623	H	L	0	120	00	81	136	11	50	G	81/354	C=170, B=45	
HD	38268	HSDBS	05	39	04.0	-69	07	35	9.4	EO-38	WN	11	SWP	13976	L	S	0	013	00	81	136	14	05	G	81/354	C=190, B=25	
HD	269928A	HSDBS	05	39	07.9	-69	06	48	12.2	EO-23	WN6	11	LWR	10646	L	S	0	100	33	81	138	17	34	G	81/356	C=2X, B=48	
HD	269928A	HSDBS	05	39	07.9	-69	06	48	12.2	EO-23	WN6	11	LWR	10646	L	L	0	100	33	81	138	19	19	G	81/356	C=1.5X, B=48	
HD	269928A	HSDBS	05	39	07.9	-69	06	47	12.2	EO-23	WN6	11	SWP	14005	L	L	0	030	00	81	140	15	45	G	81/355	E=255, C=225, B=83	
HD	38282	HSDBS	05	39	09.9	-69	03	46	11.1	EO-09	WN6	SD	11	LWR	10629	L	S	0	006	00	81	136	22	33	G	81/354	C=140, B=30
HD	38282	HSDBS	05	39	09.9	-69	03	46	11.1	EO-09	WN6	SD	11	LWR	10629	L	L	0	006	00	81	136	22	03	G	81/354	C=230, B=30
HD	38282	HSDBS	05	39	09.9	-69	03	46	11.1	EO-09	WN6	SD	11	SWP	13981	L	S	0	005	00	81	136	23	05	G	81/354	E=1.1X, C=90, B=24
HD	38282	HSDBS	05	39	09.9	-69	03	46	11.1	EO-09	WN6	SD	11	SWP	13981	L	L	0	005	00	81	136	22	56	G	81/354	E=1.1X, C=124, B=24
HD	38893	CCDJL	05	42	22.5	-22	27	47	3.8	F6	V	41	LWR	10423	H	L	0	050	00	81	113	21	41	G	81/326	C=3X, B=155	
HD	38393	CCDJL	05	42	22.5	-22	27	47	3.8	F6	V	41	SWP	13790	L	L	0	060	00	81	113	20	37	G	81/326	5X, B=116	
56	ORI	HGDDM	05	49	51.5	+01	51	00	4.7	K2	II	46	LWR	10269	H	L	0	040	00	81	092	18	14	G	81/301	NO COMMENTS	
CHI1	ORI	CCDTA	05	51	25.0	+20	16	07	4.4	G0	V	44	SWP	13643	H	L	0	420	00	81	092	10	55	G	81/302	E=247, C=1.5X, B=105	
NGC	CHI1	ORI	05	51	25.0	+20	16	07	4.4	G0	V	44	LWR	10268	H	L	0	015	00	81	092	10	35	G	81/299	E=198, C=1.2, B=32	
NGC	2134	GCDAC	05	52	41.9	-71	07	00	11.0			83	SWP	13749	L	L	0	180	00	81	108	22	21	G	81/327	C=155, B=90	
NGC	2134	GCDAC	05	52	42.0	-71	07	00	11.0			83	LWR	10382	L	L	0	170	00	81	108	19	26	G	81/326	C=225, B=100	
NGC	2134	GCDAC	05	52	42.0	-71	07	00	11.0			83	SWP	13748	L	L	0	130	00	81	108	17	10	G	81/327	C=170, B=119	
MKN	3	UK364	06	09	48.0	+71	03	00	13.4			84	SWP	13738	L	L	0	428	00	81	107	02	39	V	/	254	
00LNCP40	NPDSH	06	10	36.4	-67	55	33					70	LWR	10684	L	L	0	030	00	81	143	15	23	G	81/361	E=213, B=58	
00LNCP40	NPDSH	06	10	36.5	-67	55	33					70	SWP	14033	L	L	0	030	00	81	143	14	48	G	81/361	E=149, B=72	
00LNCP40	NPDSH	06	10	36.5	-67	55	33	16.0				70	FES	1330	D	2	0	104	00	81	146	03	34	G	81/351	NO COMMENTS	
00LNCP40	NPDSH	06	10	36.5	-67	55	33					70	LWR	10683	L	L	0	047	00	81	143	13	53	G	81/361	B=50	
00LNCP40	NPDSH	06	10	36.5	-67	55	33	16.0				70	FES	1329	D	2	0			81	143	09	51	G	81/348	EXP=10,000	

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P R	A P P	EXPOSE TIME		OBSERVATION DATE			ST ID	RELEASES DATE		OBSERVERS COMMENTS																															
		HR	MN	SEC	DEG	MN	SC								MIN	SE	YR	DAY	HR		MN	YR		DAY																														
HD	00LMCP40	NPDSM	06	10	36.5	-67	55	33	16.0		70	SWP	L	L	0	320	00	81	143	08	27	G	81/361	F=248,C=105,B=62																														
	00LMCP40	NPDSM	06	10	36.5	-67	55	33																	16.0	70	LWR	L	L	0	240	00	81	146	02	07	G	81/361	E=182,C=80,B=65															
	00LMCP40	NPDSM	06	10	36.5	-67	55	33																																12.0	70	SWP	L	L	0	090	00	81	146	00	34	G	81/362	E=218,B=28
	IC	2165	NPDJH	06	19	24.2	-12	57																																														
	44537	CCDRS	06	21	03.0	+49	18	30	K5	IAB	10498	H	L	0	045	00	81	121	22	29	G	81/333	E=111,B=40																															
HD	44537	CCDRS	06	21	03.0	+49	18	30	4.9	K5	IAB	13862	L	L	0	030	00	81	121	23	17	G	81/333	C=30,B=30																														
HD	44537	CCDRS	06	21	03.0	+49	18	30	4.9	K5	IAB	10272	L	L	0	005	00	81	092	22	12	G	81/302	E=212,C=95,B=25																														
H	45166	PK332	06	23	36.0	+08	00	00	9.9			10	LWR	10455	H	L	0	100	00	81	117	02	06	V	355																													
H	47129	UK414	06	34	43.0	+06	11	00	6.1			14	SWP	13924	H	L	0	015	00	81	128	06	24	V	701																													
HD	47755	OD48B	06	37	53.2	+09	50	08	8.4	E0.12	B2	20	SWP	13868	L	L	0	000	39	81	122	18	22	G	81/341	C=180,B=20																												
HD	47755	OD48B	06	37	53.2	+09	50	08	8.4	E0.12	B2	20	LWR	10504	L	L	0	000	49	81	122	17	27	G	81/341	C=225,B=25																												
HD	47755	OD48B	06	37	53.2	+09	50	08	8.4	E0.12	B2	20	SWP	13867	L	L	0	045	00	81	122	16	38	G	81/333	C=205,B=80																												
HD	47755	OD48B	06	37	53.2	+09	50	08	8.4	E0.12	B2	20	SWP	13868	L	L	0	000	40	81	122	18	27	G	81/341	C=120,B=20																												
HD	47755	OD48B	06	37	53.2	+09	50	08	8.4	E0.12	B2	20	LWR	10505	L	S	0	000	50	81	122	18	15	G	81/341	C=170,B=25																												
E0643-16	JB601	06	43	03.0	-16	48	00	00	13.2			59	SWP	14041	L	L	0	040	00	81	144	02	54	V	331																													
E0643-16	JB601	06	43	03.0	-16	48	00	00	13.2			59	LWR	10692	L	L	0	030	00	81	144	03	38	V	332																													
E0643-16	JB601	06	43	03.0	-16	48	00	00	13.2			59	SWP	14055	L	L	0	060	00	81	145	02	43	V	351																													
HE3=EG50	IGDAD	06	44	14.7	+37	34	58	00	12.1	E0.00		17	SWP	13779	H	L	0	345	00	81	112	11	11	G	81/323	C=200,B=105																												
H	50864	UK414	06	49	00.0	+00	21	00	8.2			25	LWR	10513	L	L	0	020	00	81	124	04	46	V	703																													
H	50896	HN530	06	52	08.0	-23	52	00	6.5			11	SWP	13844	L	S	0	000	03	81	120	04	36	V	571																													
H	50896	HN530	06	52	08.0	-23	52	00	6.5			11	SWP	13844	L	L	0	000	04	81	120	04	32	V	571																													
H	50896	HN530	06	52	08.0	-23	52	00	6.5			11	LWR	10477	H	L	0	000	24	81	120	04	05	V	683																													
H	50896	HN530	06	52	08.0	-23	52	00	6.5			11	LWR	10476	L	S	0	000	20	81	120	03	32	V	571																													
HD	50896	WRDPM	06	52	08.3	-23	51	52	6.9	WN5		11	SWP	14136	L	L	0	000	05	81	151	18	24	G	82/003	E=4.5X,C=180,B=25																												
HD	50896	WRDPM	06	52	08.3	-23	51	52	6.9	WN5		11	SWP	14136	L	S	0	000	02	81	151	18	36	G	82/003	E=213,C=50,B=25																												
HD	50896	WRDPM	06	52	08.3	-23	51	52	6.9	WN5		11	SWP	14137	H	L	0	002	00	81	151	19	06	G	82/003	E=2X,C=125,B=27																												
H	51309	AH510	06	53	54.0	-16	59	00	4.4			24	SWP	13937	H	L	0	006	00	81	149	16	24	G	81/361	E=3X,C=180,B=40																												
H	51309	AH510	06	53	54.0	-16	59	00	4.4			24	SWP	13937	H	L	0	003	00	81	129	01	57	V	601																													
H	51309	AH510	06	53	54.0	-16	59	00	4.4			24	LWR	10552	H	L	0	002	00	81	129	01	51	V	702																													
H	51309	AH510	06	53	54.0	-16	59	00	4.4			24	SWP	13936	L	S	0	000	05	81	129	00	56	V	501																													
H	51309	AH510	06	53	54.0	-16	59	00	4.4			24	LWR	10551	L	L	0	000	01	81	129	00	42	V	502																													
H	51309	AH510	06	53	54.0	-16	59	00	4.4			24	SWP	13936	L	L	0	000	03	81	129	00	50	V	601																													
H	51309	AH510	06	53	54.0	-16	59	00	4.4			24	LWR	10551	L	S	0	000	02	81	129	00	47	V	502																													
MKN	7	JH505	07	22	19.0	+72	40	00	14.0			88	LWR	10572	L	L	0	160	00	81	131	00	52	V	***																													
RWT	152	GHDBS	07	27	23.9	-02	00	00	13.0	E0.07	05	V	V																																									
RWT	152	GHDBS	07	27	23.9	-02	00	00	13.0	E0.14	05	V	V																																									
RWT	152	GHDBS	07	27	23.9	-02	00	00	13.0	E0.14	05	V	V																																									
RWT	152	GHDBS	07	27	23.9	-02	00	00	13.0	E0.07	05	V	V																																									
RWT	152	IEDBS	07	27	23.9	-02	00	00	13.1	E0.14	05	V	V																																									
												12	SWP	10625	L	S	0	010	00	81	136	16	48	G	81/354	C=110,B=34																												
												12	LWR	13977	L	L	0	010	00	81	136	15	45	G	81/354	E=91,C=130,B=30																												
												12	SWP	13977	L	S	0	010	00	81	136	16	05	G	81/354	E=91,C=90,B=34																												
												12	LWR	10625	L	L	0	010	00	81	136	16	29	G	81/354	C=140,B=34																												
												12	SWP	13984	L	L	0	045	00	81	137	08	50	G	81/354	E=182,C=145,B=20																												

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P R	A S P R	L A P	EXPOSE TIME			OBSERVATION DATE			ST ID	RELEASE DATE		OBSERVERS COMMENTS
		HR	MN	SEC	DEG	MN	SC									MIN	SE	YR	DAY	HR	MM		YY	YY		DAY
HD	RWT 152	GHDBS	07	27	24.0	-02	00	19	13.0	E0.14	O5	V				0	360	00	81	140	08	59	G	81/356	F=157,C=160,B=85
HD	60753	NPDJH	07	32	08.0	-50	28	29	6.7	E-.09	B3	IV				0	000	12	81	123	23	36	G	81/335	C=2X,B=130,TRLD
HD	60753	NPDJH	07	32	08.0	-50	28	29	6.69	E-.09	B3	IV				0	000	13	81	123	22	06	G	81/335	C=190,B=150,TRLD
HD	60753	NPDJH	07	32	08.0	-50	28	29	6.69	E-.09	B3	IV				0	000	17	81	123	22	42	G	81/335	C=200,B=122,TRLD
HD	60753	NPDJH	07	32	08.0	-50	28	29	6.69	E0.46	B3	IV				0	000	20	81	123	23	19	G	81/335	C=205,B=110,TRLD
HD	60753	NPDJH	07	32	08.0	-50	28	29	6.6	E-.09	B3	IV				0	000	16	81	123	21	32	G	81/335	C=120,B=50,TRLD
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7		B3	IV				0	000	10	81	105	00	19	G	81/312	C=230,B=25
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7		B3	IV				0	000	07	81	105	23	26	G	81/312	C=190,B=25
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7		B3	IV				0	000	13	81	105	00	16	G	81/312	C=230,B=24
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7		B3	IV				0	000	13	81	105	01	08	G	81/312	C=2X,B=26
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7		B3	IV				0	000	30	81	105	01	12	G	81/312	C=155,B=24,TRLD
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7		B3	IV				0	000	30	81	094	09	35	G	81/301	C=190,B=25
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7		B3	IV				0	000	10	81	104	23	23	G	81/312	C=190,B=22
HD	61827	IEDBS	07	37	54.0	-32	27	42	7.6	E0.62	O8	V				0	008	00	81	139	15	41	G	81/356	C=2-3X,B=35
HD	61827	IEDBS	07	37	54.0	-32	27	42	7.65	E0.94	O8	V				0	030	00	81	136	17	35	G	81/358	F=134,C=1.5X,B=28
HD	61827	IEDBS	07	37	54.0	-32	27	42	7.65	E0.94	O8	V				0	006	00	81	136	18	35	G	81/358	C=1.5X,B=25
HD	61827	IEDBS	07	37	54.0	-32	27	42	7.65	E0.94	O8	V				0	010	00	81	136	18	04	G	81/358	F=134,C=170,B=28
HD	61827	IEDBS	07	37	54.0	-32	27	42	7.65	E0.94	O8	V				0	001	09	81	136	18	29	G	81/358	C=170,B=25
NGC	2440	NPDJH	07	39	41.5	-18	05	26	11.0		PN					0	060	00	81	123	18	15	G	81/335	F=10X,C=120,B=105
NGC	2440	NPDJH	07	39	41.5	-18	05	26	10.0		PN					0	270	00	81	149	09	37	G	81/361	F=214,B=58
NGC	2440	NPDJH	07	39	41.5	-18	05	26	10.0		PN					0	090	00	81	123	16	41	G	81/333	F=8X,C=195,B=95
NGC	2440	NPDJH	07	39	41.5	-18	05	26	10.0		PN					0	070	00	81	149	14	11	G	81/361	F=10X,C=130,B=66
NGC	2440	NPDJH	07	39	41.5	-18	05	26	10.0		PN					0	025	00	81	149	15	25	G	81/361	F=245,C=75,B=50
HD	62509	HGDDH	07	42	15.0	+28	08	00	1.1		K0	III				0	004	00	81	139	19	09	G	81/355	F=165,C=1.5X,B=35
Q	0742 318	QSDEW	07	42	30.8	+31	50	14	16.0		QS					0	410	00	81	106	10	59	G	81/314	F=237,C=210,B=75
H	62832	AH510	07	43	31.0	+10	53	00	5.3							0	000	09	81	130	00	33	V		502
H	62832	AH510	07	43	31.0	+10	53	00	5.3							0	000	20	81	130	01	40	V		500
H	62832	AH510	07	43	31.0	+10	53	00	5.3							0	011	00	81	130	01	08	V		602
H	62832	AH510	07	43	31.0	+10	53	00	5.3							0	020	00	81	130	00	40	V		601
H	62832	AH510	07	43	31.0	+10	53	00	5.3							0	000	14	81	130	00	36	V		502
H	62832	AH510	07	43	31.0	+10	53	00	5.3							0	000	34	81	130	01	44	V		500
NGC	2452	NPDLA	07	45	24.6	-27	12	43	13.1		PN					0	120	00	81	129	19	11	G	81/351	F=118,C=80,B=20
NGC	2452	NPDLA	07	45	24.7	-27	12	43	12.6		PN					0	199	21	81	129	15	38	G	81/351	F=161,C=85,B=60
HD	64086	CCDJL	07	49	26.9	-13	46	00	5.3		GO	V				0	053	00	81	112	00	56	G	81/320	F=129,C=1.5X,B=44
HD	65865	HSCPC	07	57	44.3	-28	35	47	11.1	E0.48	WN					0	011	00	81	126	20	33	G	81/340	C=200,B=35
HD	65865	HSCPC	07	57	44.3	-28	35	47	11.1	E0.48	WN					0	017	00	81	126	20	49	G	81/340	F=193,C=140,B=50
H	66811	RS564	08	01	49.0	-39	52	00	2.3							0	000	04	81	106	03	15	V		501
D+75	325	UKCAL	08	04	43.0	+75	07	00	9.5							0	000	10	81	143	00	36	V		509 +TFLOOD 00046
D+75	325	UKCAL	08	04	43.0	+75	07	00	9.5							0	000	10	81	143	01	13	V		402
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		O5	SD				0	000	43	81	128	21	12	G	81/341	C=165,B=20,TRLD

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P L	A P R P	L EXPOSE TIME	OBSERVATION DATE			ST ID	RELEAS DATE		OBSERVERS COMMENTS					
		HR	MM	SEC	DEG	MM	SC									MIN	SE	YR		DAY	HR		MM	YR	DAY		
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		05	SD	16	SWP	13935	L	L	0	000	02	81	128	23	47	G	81/356	C=110,B=65
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		05	SD	16	SWP	13934	L	L	0	000	44	81	128	23	13	G	81/355	C=175,B=15
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		05	SD	16	SWP	13931	L	S	0	000	21	81	128	21	21	G	81/341	C=160,B=20,TRLD
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	F-0.0	05	SD	16	FES	1327	D	2	0	160	00	81	142	20	45	G	81/348	NO COMMENTS
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		05	SD	16	LWR	10550	L	L	0	001	14	81	128	20	24	G	81/355	C=180,B=30,TRLD
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	F-.05	05	SD	16	SWP	14027	L	L	0	000	19	81	142	21	47	G	81/361	C=100,B=20,TRAILED
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		05	SD	16	SWP	13930	L	L	0	000	43	81	128	20	11	G	81/348	C=160,B=20,TRLD
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	F-.05	05	SD	16	SWP	14028	L	L	0	001	33	81	142	22	22	G	81/361	C=1.7X,B=22,TRAILED
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		05	SD	16	SWP	13933	L	L	0	000	43	81	128	22	45	G	81/355	C=3X,B=20
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	F-.05	05	SD	16	SWP	14029	L	L	0	001	26	81	142	23	29	G	81/361	C=200,B=18,TRAILED
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		05	SD	16	SWP	13929	L	S	0	000	13	81	128	19	06	G	81/356	C=185,B=15
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		05	SD	16	LWR	10549	L	S	0	001	11	81	128	19	18	G	81/356	C=250,B=30
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		05	SD	16	SWP	13929	L	S	0	000	41	81	128	19	10	G	81/356	C=250,B=15
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5		05	SD	16	LWR	10549	L	L	0	000	23	81	128	19	14	G	81/356	C=200,B=30
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	F-.05	05	SD	16	SWP	14026	L	L	0	000	56	81	142	21	02	G	81/361	C=205,B=33,TRAILED
BD	+75 0325	PHCAL	08	04	45.0	+75	06	48	9.5	F-.05	05	SD	16	SWP	13990	L	L	0	000	13	81	137	22	29	G	81/355	C=1800,B=26
BD	+75 0325	PHCAL	08	04	45.0	+75	06	48	9.5		05	SD	16	SWP	10636	L	L	0	000	13	81	137	22	26	G	81/355	C=190,B=26
BD+75325	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1295	L	L	0	000	12	81	093	07	57	V	/	309 TPFLOOD 00010
BD+75325	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1290	L	L	0	001	44	81	093	05	02	V	/	809 TPFLOOD 00010
BD+75325	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1296	L	L	0	000	35	81	093	08	37	V	/	408 TPFLOOD 00010
BD+75325	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1289	L	L	0	000	46	81	093	04	13	V	/	409 TPFLOOD 00010
BD+75325	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1297	L	L	0	001	44	81	093	09	10	V	/	809 TPFLOOD 00010
BD+75325	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1291	L	L	0	000	35	81	093	05	39	V	/	408 TPFLOOD 00010
BD+75325	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1292	L	L	0	000	12	81	093	06	12	V	/	304 TPFLOOD 00010
BD+75325	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1288	L	L	0	000	10	81	093	03	44	V	/	402 NO TPFLOOD
BD+75825	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1293	L	L	0	001	09	81	093	06	47	V	/	809 TPFLOOD 00010
BD+75325	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1294	L	L	0	001	09	81	093	07	22	V	/	809 TPFLOOD 00010
BD+75325	UKCAL	08	04	54.0	17	07	00	9.5					16	LWP	1287	L	L	0	000	10	81	093	03	08	V	/	402 TPFLOOD 00010
ETA GAR	DR370	08	21	29.0	-59	20	00	1.8					47	LWR	10267	H	L	0	000	20	81	092	06	26	V	/	302
ETA GAR	DR370	08	21	29.0	-59	20	00	1.8					47	SWP	13641	H	L	0	000	35	81	092	06	23	V	/	400
HD	71129	MGDDM	08	21	29.0	-59	21	00	1.8				46	LWR	10650	H	L	0	014	00	81	139	16	25	G	81/355	C=20-100X,B=80
HD	71129	MGDDM	08	21	29.0	-59	21	00	1.85				47	LWR	10445	H	L	0	015	00	81	115	23	37	G	81/326	C=10-20X,B=190
HD	72089	NSCGW	08	27	27.3	-45	23	22	7.6				24	LWR	10734	H	L	0	033	00	81	148	08	49	G	81/361	C=200,B=35
HD	72089	NSCGW	08	27	27.4	-45	23	22	7.6				24	SWP	14096	H	L	0	060	00	81	148	09	26	G	82/014	C=225,B=48
HD	72088	NSCGW	08	27	31.7	-44	43	00	9.1				21	SWP	14097	H	L	0	120	00	81	148	11	23	G	81/362	C=195,B=50
HD	72179	NSCGW	08	27	55.4	-43	55	51	9.1				21	SWP	14117	H	S	0	045	00	81	150	09	25	G	82/003	C=196,B=42
HD	72232	NSCGW	08	28	07.5	-46	09	47	6.0				24	LWR	10738	H	S	0	010	00	81	148	21	36	G	82/011	C=240,B=40
HD	72232	NSCGW	08	28	07.5	-46	09	47	6.0				24	FES	1332	D	2	0	028	00	81	148	21	27	G	81/355	NO COMMENTS
HD	72232	NSCGW	08	28	07.5	-46	09	47	6.0				24	SWP	14105	H	S	0	020	00	81	148	22	08	G	82/011	C=2X,B=55
HD	72230	NSCGW	08	28	09.9	-44	34	30	9.0				22	SWP	14103	L	L	0	003	00	81	148	20	06	G	81/361	C=140,B=23

THE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

OBJCT ID	PROG ID	TARGET RA		TARGET DEC		VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P R	L A P P	EXPOSE TIME		OBSERVATION DATE			ST ID	RELEASE DATE		OBSERVERS COMMENTS					
		HR	NN	SEC	DEG								NN	SC	MIN	SE	YR		DAY	HR		NN	YR	DAY		
HD	72230	NSCGW	08	28	09.9	-44	38	30	9.0	B4	V	22	SWP	14118	H	L	0	300	00	81	150	09	49	G	82/003	C=1.5X, B=115
HD	72648	NSCGW	08	30	35.9	-43	45	37	7.8	B2	IB	23	SWP	14126	H	L	0	054	00	81	150	22	55	G	82/003	C=195, B=40
VELA	SNR	UK354	08	30	50.0	-45	27	00	16.0			75	SWP	13678	L	L	0	356	00	81	098	02	50	V	/	232
VELA	SNR	UK354	08	30	50.0	-45	27	00	16.0			75	LWR	10318	L	L	0	280	00	81	099	05	07	V	/	236
HD	72798	NSCGW	08	31	21.9	-45	34	52	6.5	B5	III	21	SWP	14102	H	L	0	015	00	81	148	19	03	G	81/362	C=1.5X, B=60
HD	72798	NSCGW	08	31	21.9	-45	34	52	6.5	B5	III	21	LWR	10737	H	S	0	020	00	81	148	19	26	G	81/362	C=1.5X, B=53
HD	73658	NSCGW	08	36	00.1	-46	06	24	6.8	B1	II	23	SWP	14100	H	L	0	025	00	81	148	17	01	G	81/362	C=270, B=60
HD	73882	IEDBS	08	37	19.0	-40	14	30	7.24	EO.72	08	12	SWP	13979	L	L	0	001	09	81	136	19	46	G	81/358	C=160, B=25
HD	73882	IEDBS	08	37	19.0	-40	14	30	7.24	EO.72	08	12	LWR	10627	L	L	0	000	29	81	136	19	41	G	81/358	C=190, B=25
HD	73882	IEDBS	08	37	19.0	-40	14	30	7.24	EO.72	08	12	LWR	10628	L	L	0	006	00	81	136	21	19	G	82/013	C=2X, B=36, TRLD
HD	73882	IEDBS	08	37	19.0	-40	14	30	7.24	EO.72	08	12	SWP	13980	L	L	0	003	30	81	136	21	05	G	81/358	E=122, C=160, B=32, TRLD
HD	73882	IEDBS	08	37	19.0	-40	14	30	7.24	EO.72	08	12	LWR	10627	L	L	0	002	29	81	136	19	36	G	81/358	C=270, B=60
HD	73882	IEDBS	08	37	19.0	-40	14	30	7.24	EO.72	08	12	SWP	13979	L	L	0	003	00	81	136	19	50	G	81/358	C=210, B=25
HD	74234	NSCGW	08	39	16.8	-48	02	45	6.8	B2	IV	20	SWP	14099	L	H	0	015	00	81	148	16	12	G	82/014	C=1.5X, B=65
HD	74234	NSCGW	08	39	16.8	-48	02	45	6.8	B2	IV	20	LWR	10735	H	S	0	013	00	81	148	15	40	G	81/362	C=215, B=40
HD	74319	NSCGW	08	39	52.0	-44	48	43	7.2	B3	V	21	SWP	14101	H	L	0	020	00	81	148	18	07	G	81/361	C=1.5X, B=60
HD	74819	NSCGW	08	39	52.0	-44	48	43	7.2	B3	V	21	LWR	10736	H	L	0	020	00	81	148	17	39	G	81/362	C=215, B=40
HD	74580	NSCGW	08	41	15.6	-47	56	50	8.0	B3	V	21	SWP	14119	H	L	0	050	00	81	150	15	21	G	82/003	C=205, B=95
HD	74662	NSCGW	08	41	41.7	-48	09	01	9.6	B3	V	21	SWP	14098	H	L	0	075	00	81	148	14	08	G	81/362	C=210, B=70
HD	74711	NSCGW	08	42	07.4	-46	37	01	7.1	B2	III	23	LWR	10752	H	L	0	027	00	81	150	21	18	G	82/003	C=1.5X, B=47
HD	74711	NSCGW	08	42	07.4	-46	37	01	7.1	B2	III	23	SWP	14125	H	L	0	035	00	81	150	21	50	G	82/003	C=210, B=45
HD	74773	NSCGW	08	42	30.2	-46	56	01	7.2	B3	IV	21	SWP	14106	H	L	0	030	00	81	148	23	17	G	82/011	C=3X, B=48
HD	74920	NSCGW	08	43	28.7	-45	51	19	7.5	B2	V	22	SWP	14120	H	L	0	035	00	81	150	16	42	G	82/003	C=2X, B=95
HD	75129	NSCGW	08	44	40.2	-47	21	57	7.2	B5	IB	24	SWP	14123	H	L	0	030	00	81	150	19	32	G	82/014	C=145, B=85
HD	75309	NSCGW	08	45	46.4	-46	15	58	7.8	B2	II	23	SWP	14124	H	L	0	036	00	81	150	20	31	G	82/014	C=220, B=80
HD	75549	NSCGW	08	47	16.8	-43	34	28	7.3	B3	V	21	SWP	14104	H	L	0	023	00	81	148	20	52	G	81/362	C=230, B=60
HD	76161	NSCGW	08	50	59.7	-48	10	09	5.9	B6	V	22	SWP	14122	H	L	0	005	00	81	150	18	56	G	82/004	C=190, B=40
HD	76161	NSCGW	08	50	59.7	-48	10	09	6.3	B6	V	22	LWR	10751	H	L	0	004	00	81	150	18	49	G	82/014	C=200, B=40
HD	76151	CCDNG	08	51	50.1	-05	14	39	6.0	G3	V	44	LWR	10279	L	L	0	003	00	81	093	21	35	G	81/302	C=255, B=25
HD	76151	CCDNG	08	51	50.1	-05	14	39	6.0	G3	V	44	LWR	10279	L	L	0	000	45	81	093	21	31	G	81/302	C=224, B=25
HD	76151	CCDNG	08	51	50.1	-05	14	39	6.0	G3	V	44	SWP	13650	L	L	0	090	00	81	093	19	57	G	81/302	E=235, C=160, B=95
HD	76566	NSCGW	08	53	33.7	-44	50	58	6.3	B3	V	21	LWR	10750	H	L	0	005	00	81	150	17	47	G	81/363	C=205, B=35
HD	76566	NSCGW	08	53	33.7	-44	50	58	6.3	B3	V	21	SWP	14121	H	L	0	006	00	81	150	17	55	G	81/363	C=200, B=40
HD	76756	AH510	08	55	45.0	+12	03	00	4.3			35	SWP	13951	L	L	0	000	25	81	130	04	06	V	/	500
H	76756	AH510	08	55	45.0	+12	03	00	4.3			35	LWR	10562	L	L	0	009	00	81	130	03	38	V	/	602
H	76756	AH510	08	55	45.0	+12	03	00	4.3			35	LWR	10561	L	S	0	000	12	81	130	03	03	V	/	502
H	76756	AH510	08	55	45.0	+12	03	00	4.3			35	SWP	13951	L	S	0	000	38	81	130	04	12	V	/	500
H	76756	AH510	08	55	45.0	+12	03	00	4.3			35	SWP	13950	H	L	0	020	00	81	130	03	06	V	/	600
H	76756	AH510	08	55	45.0	+12	03	00	4.3			35	LWR	10561	L	L	0	000	08	81	130	02	59	V	/	602
H	76644	AH510	08	55	48.0	+48	14	00	3.2			31	LWR	10553	L	L	0	000	03	81	129	05	24	V	/	702

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR FB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P P	A P P	EXPOSE TIME		OBSERVATION DATE			ST ID	RELEASE DATE		OBSERVERS COMMENTS		
		HR	MN	SEC	DEG	MN	SEC								MIN	SEC	YR	DAY	HR		MN	YR		DAY	
H	76644	AH510	08	55	48.0	+48	14	00	3.2		31	SWP	13939	H	L	0	007	00	81	129	04	46	V	/	600
H	76644	AH510	08	55	48.0	+48	14	00	3.2		31	SWP	13938	L	L	0	000	14	81	129	03	37	V	/	500
H	76644	AH510	08	55	48.0	+48	14	00	3.2		31	LWR	10554	H	L	0	003	00	81	129	08	39	V	/	602
H	76644	AH510	08	55	48.0	+48	14	00	3.2		31	SWP	13938	L	L	0	000	09	81	129	03	38	V	/	500
H	76644	AH510	08	55	48.0	+48	14	00	3.2		31	LWR	10553	L	S	0	000	04	81	129	03	30	V	/	502
D+	271706	UK412	08	58	58.0	+26	53	00	9.7		53	LWR	10640	L	L	0	032	00	81	138	01	48	V	/	453
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		27	SWP	14053	L	L	0	000	07	81	144	23	46	G	81/361	C=236, B=18
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		27	SWP	14086	H	L	0	007	00	81	147	16	22	G	81/361	C=1.5X, B=50
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		27	SWP	14087	H	L	0	007	00	81	147	17	08	G	81/361	C=30X, B=50
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		27	LWR	10710	L	L	0	000	22	81	145	23	28	G	81/361	C=255, B=28
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		27	LWR	10699	H	L	0	005	00	81	144	23	11	G	81/361	C=245, B=35
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		27	SWP	14079	L	L	0	007	00	81	146	16	40	G	81/358	C=255, B=45
HD	78316	BPDKR	09	05	02.4	+10	52	15	5.2		27	LWR	10716	L	H	0	006	00	81	146	16	30	G	81/358	C=1.5X, B=40
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		27	LWR	10726	H	L	0	006	00	81	147	16	10	G	81/361	C=1.5X, B=43
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		27	LWR	10709	H	L	0	008	00	81	145	22	13	G	81/358	C=1.5X, B=40
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		27	SWP	14052	H	L	0	006	00	81	144	22	59	G	81/361	C=220, B=38
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		27	SWP	14073	L	L	0	000	44	81	145	23	19	G	81/361	C=2-3X, B=19
HD	78316	BPDKR	09	05	02.4	+10	52	14	5.2		25	SWP	14072	H	L	0	009	00	81	145	22	27	G	81/361	C=1.5X, B=45
D+	551317	UK412	09	06	19.0	+54	42	00	10.0		53	LWR	10639	L	L	0	050	00	81	138	00	13	V	/	354
HD	81797	MGDDM	09	25	08.0	-08	27	00	1.99		46	LWR	10652	H	L	0	018	00	81	139	18	20	G	81/355	B=255, C=100, B=53
HD	81797	MGDDM	09	25	08.0	-08	27	00	1.99		47	LWR	10422	H	L	0	022	00	81	113	19	38	G	81/322	B=5X, C=120, B=45
GD	298	IGDAD	09	27	26.9	+48	29	41	9.5	F0.00	16	SWP	13780	H	L	0	045	00	81	112	19	23	G	81/323	C=195, B=106
GD	298	IGDAD	09	27	26.9	+48	29	41	10.5	F0.00	16	LWR	10416	H	L	0	040	00	81	112	20	24	G	81/323	C=167, B=97
GD	298	IGDAD	09	27	26.9	+48	29	41	9.5	F0.00	16	LWR	10415	H	L	0	120	00	81	112	17	19	G	81/323	C=2-3X, B=200
HD	84117	CCDMG	09	39	58.9	-23	41	25	4.9		44	LWR	10280	L	L	0	000	40	81	093	22	24	G	81/308	C=2X, B=25
HD	84117	CCDMG	09	39	58.9	-23	41	25	4.9		44	LWR	10280	L	S	0	003	00	81	093	22	30	G	81/308	C=5X, B=25
HD	84441	MGDDM	09	43	01.0	+54	00	00	2.9		46	LWR	10654	H	L	0	015	00	81	139	16	57	G	81/361	B=213, C=1.5-2X, B=63
H	237844	UK477	09	48	31.0	+55	57	00	9.5		21	LWR	10723	L	L	0	002	00	81	147	01	27	V	/	501
HD	237844	QSDAD	09	48	31.4	+55	57	38	9.4		21	LWR	10725	L	L	0	002	00	81	147	15	23	G	81/361	C=219, B=27
HD	86161	HSDCP	09	53	14.2	-57	29	23	8.4	F0.55	11	SWP	13893	H	L	0	100	00	81	125	08	50	G	81/341	B=149, C=205, B=45
O9	57+56	UK477	09	57	57.0	+56	08	00	16.5		85	LWR	10724	L	L	0	715	00	81	147	02	53	V	/	***
O9	57+56	QSDAD	09	57	57.3	+56	08	18	16.5		85	LWR	10724	L	L	0	715	00	81	147	02	54	G	81/361	C=180, B=123
H	87643	DG566	10	02	50.0	-58	25	00	8.7		27	SWP	13760	L	L	0	030	00	81	110	04	40	V	/	550
H	87643	DG566	10	02	50.0	-58	25	00	8.7		27	LWR	10392	L	L	0	007	00	81	110	04	27	V	/	662
H	87643	DG566	10	02	50.0	-58	25	00	8.7		27	LWR	10393	H	L	0	273	00	81	110	05	13	V	/	558
N	3125	JC562	10	04	18.0	-29	41	00	16.0		82	SWP	13629	L	L	0	360	00	81	100	03	47	V	/	303
N	3125	JC562	10	04	18.0	-29	41	00	16.0		82	LWR	10329	L	L	0	333	00	81	100	03	49	V	/	004
N	3125	JC562	10	04	18.0	-29	41	00	14.0		82	SWP	13701	L	L	0	365	00	81	102	03	42	V	/	402
HD	88355	CCDJL	10	08	56.9	+13	36	09	6.8		41	LWR	10409	H	L	0	060	00	81	111	23	23	G	81/320	B=118, C=5X, B=68
H	89358	HNS30	10	15	15.0	-57	40	00	11.7		11	LWR	10478	L	L	0	012	00	81	120	05	24	V	/	351

TUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P P	L A P P	EXPOSE TIME		OBSERVATION DATE			ST ID	RELEASE DATE		OBSERVERS COMMENTS
		HR	MN	SEC	DEG	MN	SC								MIN	SEC	YR	DAY	HR		MN	YR		DAY
NGC	3242	NPDLA	10 22	20.3	-18 23	23	9.7		PN	70	SWP	13947	L L	L	0 130	00	81	129	21	39	G	81/351	F=10X,C=230,B=25
H	92207	UK414	10 25	32.0	-58 28	00	5.5			32	SWP	13883	L L	L	0 004	00	81	124	06	18	V	///	700
H	92207	UK414	10 25	32.0	-58 28	00	5.5			32	LWR	10515	H L	L	0 025	00	81	124	06	49	V	///	603
H	92207	UK414	10 25	32.0	-58 28	00	5.5			32	LWR	10514	L L	L	0 001	10	81	124	06	14	V	///	802
H	92207	UK414	10 35	32.0	-58 28	00	5.5			32	SWP	13922	L L	L	0 003	00	81	128	04	47	V	///	601
H	92207	UK414	10 35	32.0	-58 28	00	5.5			53	LWR	10544	L L	L	0 000	30	81	128	04	44	V	///	702
HD	LEO	UK412	10 35	41.0	+14 32	00	8.9			10	SWP	13894	H L	L	0 150	00	81	125	12	08	G	81/341	C=225,B=50
HD	92809	HSCPC	10 39	41.7	-58 30	39	9.7	E0.34	02	10	LWR	10523	H L	L	0 080	00	81	125	10	44	G	81/341	F=105,C=160,B=40
HD	92964	UK414	10 40	44.0	-58 57	00	5.4			20	LWR	10545	L L	L	0 000	10	81	128	05	40	V	///	502
H	92964	UK414	10 40	44.0	-58 57	00	5.4			20	SWP	13884	H L	L	0 020	00	81	124	07	29	V	///	600
H	92964	UK414	10 40	44.0	-58 57	00	5.4			20	SWP	13823	L L	L	0 000	12	81	128	05	45	V	///	400
H	92964	UK414	10 40	44.0	-58 57	00	5.4			20	LWR	10545	L L	L	0 000	08	81	128	05	42	V	///	702
HD	93129A	HSDBS	10 42	00.9	-59 17	04	7.1	E0.54	03	13	SWP	13992	H L	L	0 015	00	81	138	20	17	G	81/356	C=135,B=35
HD	93129A	HSDBS	10 42	01.0	-59 17	04	7.3	E0.47	03	13	SWP	14007	H L	L	0 030	00	81	140	18	16	G	81/355	C=225,B=63
HD	93162	HSDBS	10 42	14.0	-59 27	24	8.1	E0.49	WN	11	SWP	13993	H L	L	0 060	00	81	138	21	08	G	81/356	F=210,C=195,B=72
HD	93162	HSDBS	10 42	14.0	-59 27	24	8.1	E0.49	WN	11	SWP	14006	H L	L	0 035	00	81	140	17	09	G	81/355	C=150,B=70
HD	93521	PHCAL	10 45	33.6	+37 50	04	7.0		09	12	SWP	13767	L L	L	0 000	02	81	111	11	08	G	81/320	C=180,B=15
HD	93521	PHCAL	10 45	33.6	+37 50	04	7.0		09	12	LWR	10398	L L	L	0 000	03	81	111	11	04	G	81/320	C=165,B=25
HD	93521	PHCAL	10 45	34.0	+37 50	04	7.0	E0.03	09	12	SWP	13989	L L	L	0 000	03	81	137	21	21	G	81/355	C=170,B=24
HD	93521	PHCAL	10 45	34.0	+37 50	04	7.0	E0.03	09	12	LWR	10635	L L	L	0 000	06	81	137	21	10	G	81/355	C=165,B=25
HD	93521	PHCAL	10 45	34.0	+37 50	04	7.0	E0.03	09	12	LWR	10635	L L	L	0 000	06	81	137	21	16	G	81/355	C=160,B=25
HD	93521	PHCAL	10 45	34.0	+37 50	04	7.0	E0.03	09	12	SWP	13989	L L	L	0 000	06	81	137	21	25	G	81/355	C=185,B=24
H	96548	UK458	11 04	18.0	-65 14	00	7.9			11	SWP	13967	H L	L	0 024	00	81	133	07	26	V	///	451
H	96548	UK458	11 04	18.0	-65 14	00	7.9			11	SWP	13960	H L	L	0 040	00	81	132	00	55	V	///	551
H	96548	UK458	11 04	18.0	-65 14	00	7.9			11	LWR	10577	L L	L	0 001	20	81	132	07	38	V	///	451
H	96548	UK458	11 04	18.0	-65 14	00	7.9			11	SWP	13963	H L	L	0 040	00	81	132	06	47	V	///	551
H	96548	UK458	11 04	18.0	-65 14	00	7.9			11	SWP	13970	H L	L	0 040	00	81	134	03	19	V	///	551
H	96548	UK458	11 04	18.0	-65 14	00	7.9			11	LWR	10576	H L	L	0 037	00	81	132	06	06	V	///	563
HD	97950	HSCPC	11 12	57.5	-60 59	13	9.66	F1.27	OB	11	SWP	13895	L L	L	0 060	00	81	125	15	10	G	81/343	F=148,C=160,B=55
HD	97950	HSCPC	11 12	57.5	-60 59	13	9.66	F1.27	WN	11	SWP	13913	L L	L	0 040	00	81	126	21	58	G	81/380	F=132,C=125,B=70
HD	97950	WRDPM	11 12	57.5	-60 59	13	9.7			11	LWR	10743	L L	L	0 025	00	81	149	18	06	G	81/361	F=246,C=225,B=35
HD	97950	WRDPM	11 12	57.5	-60 59	13	9.7			11	SWP	14110	L L	L	0 050	00	81	149	17	09	G	81/361	F=170,C=160,B=75
HD	98839	MGDDM	11 20	05.4	+43 45	26	5.02		G8	45	LWR	10497	H L	L	0 040	00	81	121	21	19	G	81/333	F=127,C=160,B=70
BD	+30 2163	CBDJE	11 27	25.6	+30 14	35	6.8		F1	40	SWP	13828	L L	L	0 120	00	81	118	14	29	G	81/326	C=3-4,B=52
H	99946	UK313	11 27	26.0	30 15	00	6.8			53	SWP	13785	L L	L	0 090	00	81	113	06	21	V	///	832
H	99946	UK313	11 27	26.0	30 15	00	6.8			53	LWR	10419	L L	L	0 070	00	81	113	07	45	V	///	402
H	99946	UK313	11 27	26.0	30 15	00	6.8			53	SWP	13786	L L	L	0 016	00	81	113	09	29	V	///	401
H	99946	UK313	11 27	26.0	30 15	00	6.8			53	SWP	13786	L L	L	0 015	00	81	113	09	08	V	///	501
HD	101501	CSDCB	11 38	24.9	+34 29	01	5.35		G8	44	SWP	13882	L L	L	0 090	00	81	098	22	19	G	81/308	NO COMMENTS

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P R	L A P	EXPOSE TIME		OBSERVATION DATE		ST ID	RELEASE DATE		OBSERVERS COMMENTS					
		HR	MM	SEC	DEG	MM	SC								MIN	SEC	YR	DAY		HR	MM		YR	DAY			
HD	101501	CSDCB	11	38	24.9	+34	29	01	5.35		G8	V	44	LWR	10314	H	L	0	030	00	81	098	21	32	G	81/308	E=162,C=190,B=33
HD	102365	CCDKH	11	44	03.3	-40	13	28	4.9		G5	V	44	SWP	13986	L	S	0	035	00	81	137	16	22	G	81/357	E=124,C=115,B=26
HD	102365	CCDKH	11	44	03.3	-40	13	28	4.9		G5	V	44	SWP	13986	L	L	0	035	00	81	137	16	21	G	81/357	E=124,C=115,B=26
HD	102365	CCDKH	11	44	03.3	-40	13	28	4.9		G5	V	44	LWR	10632	L	L	0	000	49	81	137	17	01	G	81/357	E=1.5X,C=1.5X,B=26
	POX 4	UK302	11	48	39.0	-20	13	00	16.2				88	SWP	13675	L	L	0	345	00	81	097	03	03	V	/	004 NO SPECTRUM
PG	1156+492	FBDRG	11	55	09.7	+49	13	00	14.8	E-0.2	CV		64	SWP	13958	L	L	0	060	00	81	131	14	19	G	81/340	C=150,B=32
PG	1156+295	BLDAG	11	56	58.1	+29	31	24	13.0		OS		85	LWR	10283	L	L	0	060	00	81	094	10	53	G	81/301	C=110,B=32
PG	1156+295	BLDAG	11	56	58.1	+29	31	24	14.1		OS		85	SWP	13679	L	L	0	120	00	81	098	09	51	G	81/308	C=65,B=38
PG	1156+295	BLDAG	11	56	58.1	+29	31	24	14.5		OS		85	LWR	10312	L	L	0	060	00	81	098	11	55	G	81/308	C=90,B=32
PG	1156+295	BLDAG	11	56	58.1	+29	31	24	13.7		OS		85	SWP	13653	L	L	0	180	00	81	094	12	03	G	81/301	C=112,B=45
HD	105452	CCDJL	12	05	49.6	-24	26	59	4.2	E0.00	A8	V	33	SWP	13847	L	L	0	180	00	81	120	09	55	G	81/328	C=10X,B=60
HD	105452	CCDJL	12	05	49.6	-24	26	59	4.2	E0.00	F2	V	40	SWP	13789	L	L	0	060	00	81	113	17	38	G	81/326	C=10-20X,B=175
HD	105452	CCDJL	12	05	49.6	-24	26	59	4.2	E0.00	F2	V	40	LWR	10421	H	L	0	015	00	81	113	18	43	G	81/326	C=2X,B=58
	4151	HN530	12	08	00.0	+39	41	00	12.4				84	LWR	10479	L	L	0	025	00	81	120	07	09	V	/	352
	4151	HN530	12	08	00.0	+39	41	00	12.4				84	SWP	13845	L	L	0	025	00	81	120	06	36	V	/	241
	4151	HN530	12	08	00.0	+39	41	00	12.4				84	SWP	13846	L	L	0	050	00	81	120	07	44	V	/	361
	4151	HN530	12	08	00.0	+39	41	00	12.4				84	LWR	10480	L	L	0	025	00	81	120	08	39	V	/	352
	4151	JB601	12	08	00.0	+39	41	00	13.0				84	SWP	14057	L	L	0	050	00	81	145	06	03	V	/	351
	4151	JB601	12	08	00.0	+39	41	00	13.0				84	LWR	10700	L	L	0	030	00	81	145	05	29	V	/	342
	4151	JB601	12	08	00.0	+39	41	00	13.0				84	SWP	14056	L	L	0	030	00	81	145	04	41	V	/	000
	4151	JB601	12	08	00.0	+39	41	00	13.0				84	LWR	10701	L	L	0	050	00	81	145	06	56	V	/	353
	4151	HU597	12	08	00.0	+39	41	00	11.7				84	SWP	13810	L	L	0	025	00	81	116	07	34	V	/	341
	4151	HU597	12	08	00.0	+39	41	00	13.0				84	SWP	14115	L	L	0	030	00	81	150	00	34	V	/	341
	4151	HU597	12	08	00.0	+39	41	00	11.7				84	LWR	10448	L	L	0	030	00	81	116	08	03	V	/	341
	4151	HU597	12	08	00.0	+39	41	00	13.0				84	SWP	14116	L	L	0	120	00	81	150	01	57	V	/	361
	4151	HU597	12	08	00.0	+39	41	00	11.7				84	SWP	13811	L	L	0	040	00	81	116	08	37	V	/	351
	4151	HU597	12	08	00.0	+39	41	00	13.0				84	LWR	10748	L	L	0	045	00	81	150	01	09	V	/	352
	4151	HU597	12	08	00.0	+39	41	00	11.7				84	LWR	10449	L	L	0	025	00	81	116	09	21	V	/	353
	4151	UK414	12	08	00.0	+39	41	00	13.1				84	LWR	10681	L	L	0	060	00	81	143	03	45	V	/	352
	4151	UK414	12	08	00.0	+39	41	00	13.1				84	SWP	14031	L	L	0	120	00	81	143	04	48	V	/	361
	4151	UK414	12	08	00.0	+39	41	00	12.5				84	LWR	10543	L	L	0	030	00	81	124	00	52	V	/	342
	4151	UK414	12	08	00.0	+39	41	00	12.4				84	LWR	10512	L	L	0	025	00	81	124	02	34	V	/	343
	4151	UK414	12	08	00.0	+39	41	00	12.4				84	SWP	13881	L	L	0	040	00	81	124	01	51	V	/	261
	4151	UK414	12	08	00.0	+39	41	00	12.4				84	SWP	13880	L	L	0	025	00	81	124	00	48	V	/	250
	4151	UK414	12	08	00.0	+39	41	00	12.4				84	LWR	10511	L	L	0	030	00	81	124	01	16	V	/	343
	4151	UK414	12	08	00.0	+39	41	00	13.1				84	SWP	14030	L	L	0	030	00	81	143	03	11	V	/	241
	4151	UK414	12	08	00.0	+39	41	00	13.1				84	LWR	10680	L	L	0	030	00	81	143	02	38	V	/	342
	4151	UK414	12	08	00.0	+39	41	00	12.4				84	SWP	13982	L	L	0	030	00	81	137	00	53	V	/	241
	4151	UK414	12	08	00.0	+39	41	00	12.4				84	LWR	10630	L	L	0	030	00	81	137	01	26	V	/	352

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA		TARGET DEC		VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D A S P R P	L A P	EXPOSE TIME		OBSERVATION DATE		ST ID	RELEASE DATE		OBSERVERS COMMENTS					
		HR	NN	SEC	DEG								NN	SC	MIN	SE		YR	DAY		HR	NN	YR	DAY	
N	4151	UK414	12	08	00.0	+39	41	00	12.4	84	SWP	13882	L	L	0	060	00	81	124	03	03	V	///	270	
N	4151	UK414	12	08	00.0	+39	41	00	12.5	84	SWP	13921	L	L	0	154	00	81	128	01	26	V	///	371	
N	4151	UK414	12	08	00.0	+39	41	00	12.4	84	SWP	13983	L	L	0	120	00	81	137	01	59	V	///	361	
N	4151	UK458	12	08	00.0	+39	41	00	13.0	84	LWR	10574	L	L	0	025	00	81	132	02	34	V	///	342	
N	4151	UK458	12	08	00.0	+39	41	00	13.0	84	SWP	13962	L	L	0	050	00	81	132	04	23	V	///	351	
O HD	N	4151	UK458	12	08	00.0	+39	41	00	13.0	84	LWR	10575	L	L	0	025	00	81	132	03	53	V	///	342
	N	4151	UK458	12	08	00.0	+39	41	00	13.0	84	SWP	13961	L	L	0	025	00	81	132	03	21	V	///	231
	N	1215+303	BLDDW	12	15	21.1	+30	23	39	15.1	87	SWP	13866	L	L	0	380	00	81	122	09	11	G	81/333	C=115,B=70
	N	197760	RSDCB	12	20	04.0	+73	31	22	8.0	39	LWR	10315	L	L	0	005	00	81	099	00	09	G	81/308	E=116,C=110,B=22
	N	180	WP587	12	20	22.0	+16	06	00	13.8	80	LWR	10296	L	L	0	264	00	81	096	05	04	V	///	104 SERENDIPITY
NGC NGC HD	N	180	WP587	12	20	22.0	+16	06	00	13.8	80	SWP	13667	L	L	0	307	00	81	096	04	41	V	///	303
	N	180	WP587	12	20	22.0	+16	06	00	13.8	80	LWR	10295	L	L	0	120	00	81	096	02	37	V	///	308
	N	4486	GHDDY	12	28	17.8	+12	39	58	14.0	81	LWR	10333	L	L	0	060	00	81	100	21	38	G	81/308	C=105,B=50
	N	4486	GHDDY	12	28	18.0	+12	39	58	14.0	81	PES	1321	F	2	0	000	40	81	100	21	23	G	81/305	NO COMMENTS
N	108903	HGDDM	12	28	23.0	-56	50	00	1.6	48	LWR	10651	H	L	0	004	00	81	139	17	36	G	81/355	E=248,B=30	
MK IC N	N	213	UK414	12	29	01.0	+58	18	00	12.7	88	LWR	10631	L	L	0	196	00	81	137	04	31	V	///	303
	N	3568	WPDJH	12	31	46.6	+80	50	22	11.1	70	LWR	10509	L	L	0	020	00	81	123	20	20	G	81/335	C=220,B=40
	N	3568	WPDJH	12	31	46.6	+80	50	22	11.1	70	SWP	13875	L	L	0	015	00	81	123	20	00	G	81/335	E=214,C=190,B=40
	N	4536	VILSP	12	31	56.0	+02	28	00	13.5	56	LWR	10289	L	L	0	250	00	81	095	05	19	V	///	206 SH IN W 4536
N	4593	JC514	12	37	05.0	-05	04	00	13.3	84	LWR	10622	L	L	0	160	00	81	136	05	07	V	///	344	
M N H H	N	4593	JC514	12	37	05.0	-05	04	00	13.3	84	SWP	13974	L	L	0	287	00	81	136	00	16	V	///	332
	N	4593	JC514	12	37	05.0	-05	04	00	13.0	84	SWP	13915	L	L	0	216	00	81	127	04	10	V	///	342
	N	4593	JC514	12	37	05.0	-05	04	00	13.0	84	LWR	10539	L	L	0	180	00	81	127	01	03	V	///	565
	N	110432	DG566	12	39	54.0	-62	47	00	5.3	26	LWR	10391	H	L	0	010	00	81	110	03	28	V	///	602
	N	110432	DG566	12	39	54.0	-62	47	00	5.3	26	LWR	10390	H	L	0	004	00	81	110	02	58	V	///	502
HD HD HD HD	N	110432	DG566	12	39	54.0	-62	47	00	5.3	26	SWP	13759	H	L	0	007	00	81	110	03	00	V	///	501
	N	311884	WRDPH	12	40	52.9	-62	48	51	11.1	11	SWP	14111	L	L	0	045	00	81	149	18	49	G	81/361	E=162,C=115,B=85
	N	311884	WRDPH	12	40	52.9	-62	48	51	11.1	11	LWR	10744	L	L	0	035	00	81	149	19	38	G	81/361	C=180,B=55
	N	114519	RSDCB	13	08	18.0	+36	12	01	7.9	39	LWR	10303	H	L	0	080	00	81	097	20	02	G	81/308	E=138,C=138,B=66
N	124613	CCDKH	13	09	14.3	-37	32	16	4.9	44	SWP	13987	L	S	0	035	01	81	137	17	38	G	81/357	E=125,C=105,B=26	
HD H H H	N	124613	CCDKH	13	09	14.3	-37	32	16	4.9	44	SWP	13987	L	L	0	035	00	81	137	17	37	G	81/357	E=125,C=105,B=26
	N	H243	PBDCB	13	14	00.7	+29	21	50	12.1	17	SWP	13689	H	L	0	420	00	81	099	10	50	G	81/308	C=205,B=88
	N	115473	HW530	13	15	18.0	-57	53	00	10.0	10	SWP	13856	L	L	0	010	00	81	121	00	36	V	///	471
	N	115473	HW530	13	15	18.0	-57	53	00	10.0	10	SWP	13856	L	S	0	004	00	81	121	00	28	V	///	471
N	115473	HW530	13	15	18.0	-57	53	00	10.0	10	LWR	10488	L	L	0	008	00	81	121	00	51	V	///	581	
NGC NGC NGC NGC	N	5102	EGDCW	13	19	07.2	-36	22	06	11.6	81	SWP	10488	L	S	0	012	00	81	121	01	02	V	///	581
	N	5102	EGDCW	13	19	07.2	-36	22	06	11.6	81	SWP	13787	L	L	0	060	00	81	113	11	09	G	81/322	C=60,B=30
	N	5102	EGDCW	13	19	07.2	-36	22	06	11.6	81	LWR	10429	L	L	0	340	00	81	114	11	10	G	81/322	C=235,B=122
	N	5102	EGDCW	13	19	07.2	-36	22	06	11.6	81	LWR	10420	L	L	0	030	00	81	113	12	14	G	81/322	C=80,B=30
N	5102	EGDCW	13	19	07.2	-36	22	06	11.6	81	SWP	13788	L	L	0	252	00	81	113	12	52	G	81/322	C=180,B=108	

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OBJECT ID	PROG ID	TARGET RA		TARGET DEC		VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D A S P A P	L EXPOSE TIME	OBSERVATION			ST		RELEASES		OBSERVERS COMMENTS
		HR	MN	SEC	DEG								MN	SC	MIN	SE	YR	DAY	HR		MN	YR	DAY
N	5128	MU597	13 22	31.0	-42 44 00	16.0			72	LWR	10749	L L	0 178	00 81	150	04 49	V		404	
NGC	5128	EGDFW	13 22	32.4	-42 46 25	12.0	EO.90	KO	III	86	LWR	10356	L L	0 120	00 81	105	12 12	G	81/314	B=35
NGC	5128	EGDFW	13 22	32.5	-42 46 25	12.0	EO.90	KO	III	86	FES	1322	L 2	0 000	10 81	105	12 44	G	81/308	NO COMMENTS
NGC	5128	EGDFW	13 22	38.1	-42 44 44	12.0	EO.90	KO	III	86	FES	1323	D 2	0 000	10 81	105	15 30	G	81/308	NO COMMENTS
NGC	5128	EGDFW	13 22	38.1	-42 44 44	12.0	EO.90	KO	III	86	LWR	10357	L L	0 180	00 81	105	14 44	G	81/314	B=52
HD	117297	HSCPC	13 27	31.8	-61 49 24	11.1	EO.46		WD	10	LWR	10525	L L	0 007	00 81	125	17 47	G	81/343	E=193,C=110,B=30
HD	117297	HSCPC	13 27	31.8	-61 49 24	11.1	EO.46		WD	10	SWP	13897	L L	0 011	00 81	125	18 15	G	81/343	E=153,C=90,B=30
HD	117688	HSCPC	13 30	07.1	-62 03 36	10.9	EO.70	01		11	SWP	13896	L L	0 022	00 81	125	17 07	G	81/343	E=2-3X,C=140,B=45
HD	117688	HSCPC	13 30	07.1	-62 03 36	10.9	EO.70	01		11	LWR	10524	L L	0 015	00 81	125	16 47	G	81/343	E=2-3X,C=190,B=45
HD	118022	BPDKR	13 31	15.8	+03 54 54	4.9		A2		36	SWP	14081	L S	0 001	20 81	146	19 00	G	81/361	C=250,B=30
HD	118022	BPDKR	13 31	15.8	+03 54 54	4.9		A2		36	SWP	14081	L S	0 000	40 81	146	18 56	G	81/361	C=4X,B=30
HD	118022	BPDKR	13 31	15.8	+03 54 54	4.9		A2		36	LWR	10718	L S	0 000	17 81	146	18 53	G	81/361	C=200,B=25
HD	118022	BPDKR	13 31	15.8	+03 54 54	4.9		A2		36	LWR	10718	L S	0 000	17 81	146	18 50	G	81/361	C=2X,B=25
HR	5110	OD49B	13 32	34.1	+37 26 16	4.98	EO.39	PK		40	LWR	10297	H L	0 010	00 81	096	11 04	G	81/308	C=160,B=31
HR	5110	OD49B	13 32	34.1	+37 26 16	4.98	EO.39	PK		40	SWP	13669	H L	0 378	00 81	096	11 34	G	81/308	E=224,C=3-4X,B=120
HR	5110	OD49B	13 32	34.1	+37 26 16	4.9	EO.39	PK		40	SWP	13668	L L	0 025	00 81	096	10 33	G	81/308	E=3X,C=5X,B=27
N	5236	GP613	13 34	17.0	-29 37 00	8.2				80	LWR	10740	L L	0 183	00 81	149	04 44	V		705
UX	UMA	CVCRP	13 34	43.0	+52 10 05	13.0		B0	SD	63	SWP	14025	L L	0 030	00 81	142	16 46	G	81/356	E=160,C=165,B=110
UX	UMA	CVCRP	13 34	43.0	+52 10 05	13.0		B0	SD	63	LWR	10675	L L	0 030	00 81	142	17 39	G	81/356	C=230,B=65
N	5253	A UK320	13 37	05.0	-31 23 00	13.0				82	LWR	10355	L L	0 140	00 81	105	06 32	V		315
G	238-44	GV555	13 37	37.0	+70 32 00	12.8				37	LWR	10666	L L	0 011	00 81	141	03 45	V		401
G	238-44	GV555	13 37	37.0	+70 32 00	12.8				37	SWP	14013	L L	0 011	00 81	141	03 08	V		401
	119090	CCDRS	13 38	53.0	-33 20 39	5.5		KP	III	47	LWR	10328	L L	0 020	00 81	100	01 19	G	81/308	E=188,C=108,B=27
	119090	CCDRS	13 38	53.0	-33 20 39	5.5		K	II	47	LWR	10288	H L	0 050	00 81	095	00 59	G	81/298	C=65,B=40
H	120198	AH510	13 44	44.0	+54 41 00	5.5				27	LWR	10556	H L	0 016	00 81	129	06 54	V		603
H	120198	AH510	13 44	44.0	+54 41 00	5.5				27	SWP	13941	H L	0 024	00 81	129	06 26	V		501
H	120198	AH510	13 44	44.0	+54 41 00	5.5				27	SWP	13940	L S	0 000	46 81	129	05 56	V		501
H	120198	AH510	13 44	44.0	+54 41 00	5.5				27	LWR	10555	L S	0 000	20 81	129	05 49	V		502
H	120198	AH510	13 44	44.0	+54 41 00	5.5				27	LWR	10555	L L	0 000	13 81	129	05 45	V		602
H	120198	AH510	13 44	44.0	+54 41 00	5.5				27	SWP	13940	L L	0 000	30 81	129	05 53	V		501
H	120198	AH510	13 44	44.0	+54 41 00	5.5				27	SWP	13942	H L	0 023	00 81	129	07 24	V		501
HD	120315	PHCAL	13 45	34.3	+49 33 44	1.8	EO.02	B3	V	21	LWR	10679	H L	0 000	18 81	142	20 17	G	81/361	C=1.5X,B=70,TRAILED
HD	120315	PHCAL	13 45	34.3	+49 33 44	1.8	EO.02	B3	V	21	LWR	10677	H L	0 000	06 81	142	19 24	G	81/361	C=170,B=40,TRAILED
HD	120315	PHCAL	13 45	34.3	+49 33 44	1.8	EO.02	B3	V	21	LWR	10676	H L	0 000	12 81	142	18 49	G	81/361	C=235,B=50,TRAILED
HD	120678	IEDBS	13 49	23.0	-62 28 27	7.6	EO.56	O		14	LWR	10647	L S	0 003	00 81	138	22 50	G	81/358	C=3X,B=30
HD	120678	IEDBS	13 49	23.0	-62 28 27	7.6	EO.56	O9		14	SWP	13995	L L	0 000	00 81	138	23 37	G	81/358	TRAILED
HD	120678	IEDBS	13 49	23.0	-62 28 27	7.6	EO.56	O9		14	LWR	10648	L L	0 003	00 81	139	18 49	G	81/356	C=2X,B=27,TRLD
HD	120678	IEDBS	13 49	23.0	-62 28 27	7.6	EO.56	O9		14	SWP	13994	L S	0 001	29 81	138	22 57	G	82/013	C=255,B=19
HD	120678	IEDBS	13 49	23.0	-62 28 27	7.6	EO.56	O		14	LWR	10647	L L	0 000	29 81	138	22 46	G	81/358	C=3X,B=30
HD	120678	IEDBS	13 49	23.0	-62 28 27	7.6	EO.56	O9		14	SWP	13994	L L	0 000	29 81	138	23 01	G	82/013	C=207,B=19

THE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA		TARGET DEC		VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D A P S P R	L A P P	EXPOSE TIME		OBSERVATION DATE		ST ID	RELEASE DATE		OBSERVERS COMMENTS							
		HR	MIN	SEC	DEC								MIN	SEC	MIN	SEC		YR	DAY		HR	MIN	YR	DAY			
HD	123008	IEDTS	14	03	44.4	-64	13	53	8.9	EO-79	09	IB	13	LWR	10444	L	L	0	018	00	81	115	22	10	G	81/326	C=6X, B=94
HD	123008	IEDTS	14	03	44.4	-64	13	53	8.9	EO-79	09	IB	13	SWP	13807	L	L	0	012	00	81	115	22	45	G	81/326	C=3X, B=120
HD	124224	BPDKR	14	09	43.8	+02	38	38	4.9		B9		27	SWP	14082	L	L	0	000	07	81	146	20	00	G	81/361	C=1.5X, B=25
HD	124224	BPDKR	14	09	43.8	+02	38	38	4.9		B9		27	SWP	14082	L	S	0	000	10	81	146	20	03	G	81/361	C=240, B=25
HD	124224	BPDKR	14	09	43.8	+02	38	38	4.9		B9		27	LWR	10719	L	S	0	000	05	81	146	19	57	G	81/361	C=200, B=25
HD	124224	BPDKR	14	09	43.8	+02	38	38	4.9		B9		27	LWR	10719	L	L	0	000	05	81	146	19	53	G	81/361	C=2X, B=25
HD	124689	CBDDJE	14	13	24.9	-57	37	22	7.3		B2	V	40	SWP	13829	L	L	0	120	00	81	118	17	28	G	81/326	E=150, C=3X, B=155
HD	124689	UK313	14	13	25.0	-57	37	00	7.2		B5		40	LWR	10418	H	L	0	090	00	81	113	02	24	V	/	404
HD	124689	UK313	14	13	25.0	-57	37	00	7.2		B5		40	SWP	13784	L	L	0	090	00	81	113	03	58	V	/	702
HD	125823	BPDKR	14	19	56.7	-39	17	04	4.6		B5		27	SWP	14071	H	L	0	000	52	81	145	21	00	G	81/361	C=200, B=35
HD	125823	BPDKR	14	19	56.7	-39	17	04	4.6		B5		27	SWP	14088	H	L	0	001	09	81	147	18	07	G	81/361	C=255, B=40
HD	125823	BPDKR	14	19	56.7	-39	17	04	4.6		B5		27	LWR	10707	H	L	0	000	00	81	145	20	07	G	81/361	C=30X, B=30, TRAILED
HD	125823	BPDKR	14	19	56.7	-39	17	04	4.6		B5		27	LWR	10727	H	L	0	001	09	81	147	18	11	G	81/361	C=1.5X, B=40
HD	125823	BPDKR	14	19	56.7	-39	17	04	4.6		B5		27	LWR	10708	H	L	0	001	18	81	145	21	04	G	81/361	E=150, C=3X, B=155
HD	125823	BPDKR	14	19	56.7	-39	17	04	4.6		B5		27	SWP	14070	L	L	0	000	00	81	145	19	55	G	81/361	C=240, B=20, TRAILED
HD	125823	BPDKR	14	19	56.7	-39	17	04	4.6		B5		27	LWR	10717	L	H	0	000	70	81	146	17	45	G	81/361	C=1.5X, B=37
HD	125823	BPDKR	14	19	56.8	-39	17	05	4.6		B5		27	SWP	14080	L	H	0	070	00	81	146	17	41	G	81/358	C=250, B=40
HD	125924	UK458	14	20	37.0	-08	01	00	9.2		K1	V	20	SWP	13969	H	L	0	113	00	81	134	00	32	V	/	501
HD	128621	CCDKH	14	35	54.6	-60	37	38	1.3		K1	V	46	SWP	14038	L	L	0	002	39	81	143	21	34	G	81/361	E=120, C=54, B=29
HD	128621	CCDKH	14	35	54.6	-60	37	38	1.3		K1	V	46	LWR	10517	H	L	0	001	51	81	124	17	44	G	81/335	E=209, C=200, B=25
HD	128621	CCDKH	14	35	54.6	-60	37	38	1.3		K1	V	46	SWP	13887	L	L	0	002	39	81	124	17	49	G	81/335	E=130, C=35, B=25
HD	128621	CCDKH	14	35	54.6	-60	37	38	1.3		K1	V	46	SWP	13988	L	L	0	005	39	81	124	19	55	G	81/357	E=108, C=50, B=25
HD	128621	CCDKH	14	35	54.6	-60	37	38	1.3		K1	V	46	LWR	10689	H	L	0	001	51	81	143	21	29	G	81/361	E=169, C=175, B=32
HD	128621	CCDKH	14	35	54.6	-60	37	19	1.3		K1	V	46	LWR	10634	H	L	0	001	51	81	137	20	00	G	81/357	E=189, C=200, B=28
HD	128620	CCDKH	14	35	56.1	-60	37	20	17.5		G2	V	44	LWR	10688	H	L	0	001	00	81	143	20	27	G	81/361	E=209, C=2X, B=38
HD	128620	CCDKH	14	35	56.1	-60	37	20	17.5		G2	V	44	SWP	10516	H	L	0	001	00	81	124	16	36	G	81/335	E=190, C=2-3X, B=17
HD	128620	CCDKH	14	35	56.1	-60	37	20	17.5		G2	V	44	SWP	13886	L	L	0	003	00	81	124	16	40	G	81/335	E=138, C=2-4X, B=17
HD	128620	CCDKH	14	35	56.1	-60	37	19	17.5		G2	V	44	SWP	14037	L	L	0	003	00	81	143	20	30	G	81/361	E=172, C=2X, B=23
HD	128620	CCDKH	14	35	56.1	-60	37	19	17.5		G2	V	44	SWP	10633	H	L	0	001	00	81	137	19	07	G	81/357	E=182, C=2X, B=25
HD	131156	CSDCB	14	49	04.8	+19	18	27	4.7		G8	V	44	SWP	13677	L	L	0	090	00	81	097	21	55	G	81/308	E=260, C=230, B=96
HD	131156	CSDCB	14	49	04.8	+19	18	27	4.7		G8	V	44	LWR	10304	H	L	0	012	30	81	097	23	29	G	81/308	E=206, C=142, B=32
HD	136488	UK332	15	19	58.0	-62	30	00	9.4		WC	IAB	10	SWP	13816	H	L	0	220	00	81	117	04	57	V	/	352
HD	136488	HSCPC	15	19	58.1	-62	30	00	9.43	EO-76	WC	IAB	10	SWP	13898	L	L	0	011	00	81	125	19	25	G	81/343	E=2X, C=1.5X, B=35
HD	136488	HSCPC	15	19	58.1	-62	30	00	9.43	EO-76	WC	IAB	10	LWR	10527	L	L	0	004	00	81	125	20	16	G	81/342	E=3X, C=1.95X, B=30
HD	136488	HSCPC	15	19	58.1	-62	30	00	9.43	EO-76	WC	IAB	10	SWP	13899	L	L	0	007	00	81	125	20	25	G	81/342	E=1.5X, C=190, B=35
HD	136488	HSCPC	15	19	58.1	-62	30	00	9.43	EO-76	WC	IAB	10	LWR	10526	L	L	0	007	00	81	125	19	12	G	81/343	E=3-4X, B=30
HD	139195	CBDDL	15	34	05.3	+10	10	34	5.26		KO	III	47	SWP	13925	L	L	0	225	00	81	128	08	38	G	81/348	C=96, B=42
CN	1-1	NPCJL	15	47	38.5	-48	36	00	1.0				70	SWP	13665	L	L	0	030	00	81	095	23	47	G	81/308	E=185, C=50, B=40
CN	1-1	NPCJL	15	47	38.5	-48	36	00	1.0				70	LWR	10293	L	L	0	075	00	81	095	22	28	G	81/308	E=149, C=120, B=52

OBJECT ID	PROG ID	TARGET			TARGET			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D A L S P R	EXPOSE TIME	OBSERVATION			ST ID	RELEASES		OBSERVERS COMMENTS							
		HR	MN	RA SEC	DEG	DEC	SC								MIN	SE	YR		DAY	HR		MN	DATE	YR	DAY			
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8		B2	IV	21	SWP	13927	L	L	0	004	00	81	128	16	41	G	81/356	C=185,B=15	
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8		B2	IV	21	LWR	10547	L	L	0	003	09	81	128	16	31	G	81/356	C=190,B=25	
H	141891	UK458	15	50	43.0	-63	17	00	2.9				40	LWR	10604	H	L	0	002	15	81	134	04	30	V		502	
HD	143414	HSCPC	15	59	23.5	-62	33	20	10.2		EO-36	09	IB	13	LWR	10528	L	L	0	003	29	81	125	21	20	G	81/342	E=1.5-2X,C=190,B=35
HD	143414	HSCPC	15	59	23.5	-62	33	20	10.2		EO-36	09	IB	13	SWP	13900	L	L	0	005	00	81	125	21	29	G	81/342	E=2-3X,C=150,B=20
	AG DRA	AA545	16	01	23.0	+66	56	00	9.3				57	SWP	13793	H	L	0	030	00	81	114	02	19	V		261	
	AG DRA	AA545	16	01	23.0	+66	56	00	9.3				57	LWR	10426	H	L	0	030	00	81	114	02	54	V		231	
	AG DRA	AA545	16	01	23.0	+66	56	00	9.3				57	SWP	13794	H	L	0	080	00	81	114	03	28	V		151	
BD	+67 922	NPCJL	16	01	23.0	+66	54	59	9.4				70	LWR	10291	L	S	0	004	00	81	095	17	24	G	81/302	C=160,B=25	
BD	+67 922	NPCJL	16	01	23.0	+66	54	59	9.4				70	SWP	13663	L	L	0	007	00	81	095	18	08	G	81/302	E=5.5X,C=170,B=25	
BD	+67 922	NPCJL	16	01	23.0	+66	54	59	9.4				70	SWP	13663	L	S	0	001	00	81	095	18	01	G	81/302	E=113,C=45,B=25	
BD	+67 922	NPCJL	16	01	23.0	+66	54	59	9.4				70	LWR	10291	L	L	0	006	00	81	095	17	35	G	81/302	C=2X,B=25	
BD	+67 922	NPCJL	16	01	23.1	+66	56	21	9.3				70	LWR	10294	L	L	0	003	00	81	096	01	17	G	81/301	E=225,C=175,B=27	
BD	+67 922	NPCJL	16	01	23.1	+66	56	21	9.3				70	LWR	10294	L	S	0	004	00	81	096	01	28	G	81/301	E=200,C=120,B=27	
BD	+67 922	NPCJL	16	01	23.2	+66	56	21	9.3				70	SWP	13666	L	S	0	001	00	81	096	01	23	G	81/308	E=123,C=42,B=25	
BD	+67 922	NPCJL	16	01	23.2	+66	56	21	9.3				70	SWP	13666	L	L	0	007	00	81	096	01	05	G	81/308	E=6.5X,C=160,B=24	
	AG DRA	CVDDL	16	01	23.8	+66	56	44	9.9		G5	III	57	SWP	13955	L	L	0	012	00	81	130	18	15	G	81/356	E=10X,C=230,B=25	
	AG DRA	CVDDL	16	01	23.8	+66	56	44	9.9		G5	III	57	SWP	13955	L	L	0	001	00	81	130	18	07	G	81/356	E=118,B=25	
	AG DRA	CVDDL	16	01	23.8	+66	56	44	9.9		G5	III	57	LWR	10568	L	L	0	004	00	81	130	18	44	G	81/356	E=1.5X,C=220,B=30	
	AG DRA	CVDDL	16	01	23.8	+66	56	44	9.9		G5	III	57	LWR	10567	L	L	0	010	00	81	130	17	51	G	81/340	C=2X,E=30	
BD	+67 922	NPCJL	16	01	24.0	+66	54	59	9.4				70	LWR	10290	H	L	0	100	00	81	095	13	34	G	81/302	E=1.5X,C=150,B=41	
BD	+67 922	NPCJL	16	01	24.0	+66	54	59	9.4				70	SWP	13662	H	L	0	120	00	81	095	15	19	G	81/302	E=2-3X,C=80,B=40	
BD	+67 922	NPCJL	16	01	24.0	+66	54	59	9.4				70	SWP	13651	H	L	0	045	00	81	093	23	54	G	81/299	E=255,C=135,B=45	
BD	+67 922	NPCJL	16	01	24.0	+66	54	59	9.4				70	LWR	10281	H	L	0	065	00	81	094	00	43	G	81/299	E=255,C=135,B=45	
H	144470	UK410	16	03	53.0	-20	32	00	4.1				20	SWP	13906	H	L	0	001	00	81	126	06	12	V		501	
H	144661	AH510	16	04	51.0	-24	20	00	6.3				18	SWP	13953	H	L	0	017	00	81	130	07	02	V		501	
H	144661	AH510	16	04	51.0	-24	20	00	6.3				18	LWR	10564	H	L	0	012	00	81	130	06	38	V		503	
H	144661	AH510	16	04	51.0	-24	20	00	6.3				18	LWR	10565	L	L	0	011	00	81	130	07	31	V		502	
H	144661	AH510	16	04	51.0	-24	20	00	6.3				18	LWR	10565	L	S	0	016	00	81	130	07	34	V		502	
DEL	TR A	DR370	16	10	52.0	-63	33	00	3.8				45	LWR	10266	H	L	0	30	00	81	092	05	17	V		453	
DEL	TR A	DR370	16	10	52.0	-63	33	00	3.8				45	SWP	13640	L	L	0	120	00	81	092	03	14	V		451	
H	147889	UK410	16	22	23.0	-24	21	00	7.9				20	LWR	10535	L	L	0	010	00	81	126	05	34	V		501	
H	147889	UK410	16	22	23.0	-24	21	00	7.9				20	SWP	13905	L	L	0	003	30	81	126	05	08	V		402	
H	147889	UK410	16	22	23.0	-24	21	00	7.9				20	LWR	10535	L	S	0	008	00	81	126	05	20	V		701	
H	147933A	UK410	16	22	35.0	-23	20	00	4.6				20	LWR	10534	L	S	0	000	04	81	126	04	07	V		702	
H	147933A	UK410	16	22	35.0	-23	20	00	4.6				20	LWR	10533	H	L	0	005	00	81	126	03	09	V		802	
H	147933A	UK410	16	22	35.0	-23	20	00	4.6				20	SWP	13864	L	L	0	000	06	81	122	06	35	V		700	
H	147933A	UK410	16	22	35.0	-23	20	00	4.6				20	SWP	13904	L	L	0	000	03	81	126	03	38	V		502	
H	147933A	UK410	16	22	35.0	-23	20	00	4.6				20	LWR	10534	L	L	0	000	05	81	126	04	04	V		702	
H	147933A	UK410	16	22	35.0	-23	20	00	4.6				20	LWR	10501	L	L	0	000	06	81	122	06	32	V		702	

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

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	OBJECT ID	PROG ID	TARGET RA		TARGET DEC		VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUH	D S P	A P R	L P P	EXPOSE TIME		OBSERVATION DATE		ST ID	RELEASE DATE		OBSERVERS COMMENTS	
			HR MN	SEC	DEG MN	SC									MIN	SE	YR	DAY		HR	MM		YR	DAY
HD	D-9 4395	DS524	16 25	52.0	-09 13	00	10.6			27	SWP	13826	H L	0	398	00	81	118	03	09	V		503
HD	149438	PHCAL	16 32	46.0	-28 06	51	2.8			20	LWR	10350	H L	0	000	06	81	104	22	15	G	81/312	C=210, B=34
HD	149438	PHCAL	16 32	46.0	-28 06	51	2.8			20	SWP	13713	H L	0	000	06	81	104	22	12	G	81/312	C=215, B=32
HD	149499B	IGDAD	16 34	18.9	-57 22	12	8.5	EO.00	WD	17	LWR	10417	H L	0	040	00	81	112	22	41	G	81/323	C=190, B=185
HD	149499B	IGDAD	16 34	18.9	-57 22	12	8.5	EO.00	WD	17	SWP	13783	H L	0	089	00	81	113	00	20	G	81/323	C=145, B=57
HD	149499B	IGDAD	16 34	18.9	-57 22	12	8.5	EO.00	WD	17	SWP	13782	H L	0	028	00	81	112	23	26	G	81/323	C=132, B=84
HD	149499B	IGDAD	16 34	18.9	-57 22	12	8.5	EO.00	WD	17	SWP	13781	H L	0	040	00	81	112	21	57	G	81/323	C=215, B=145
H	149757	UK320	16 34	24.0	-10 28	00	2.7			23	SWP	13719	H L	0	000	23	81	105	06	46	V		600
H	149757	UK332	16 34	24.0	-10 28	00	2.6			13	SWP	13839	H L	0	000	23	81	119	09	38	V		501
H	149757	UK332	16 34	24.0	-10 28	00	2.6			13	SWP	13817	H L	0	000	23	81	117	09	32	V		501
H	149757	UK332	16 34	24.0	-10 28	00	2.6			13	LWR	10456	H L	0	000	25	81	117	09	36	V		702
H	72 A	DG567	16 36	18.0	-48 42	00	11.0			21	LWR	10413	L L	0	030	00	81	112	07	36	V		501
H	72 A	DG567	16 36	18.0	-48 42	00	11.0			21	SWP	13777	L L	0	045	00	81	112	06	47	V		501
H	150041	DG567	16 36	59.0	-48 39	00	7.1			23	SWP	13776	H L	0	022	00	81	112	05	12	V		501
H	150041	DG567	16 36	59.0	-48 39	00	7.1			23	LWR	10412	H L	0	025	00	81	112	06	02	V		701
H	150135	DG567	16 37	34.0	-48 40	00	6.9			12	SWP	13775	H S	0	050	00	81	112	03	25	V		202
H	150135	DG567	16 37	34.0	-48 40	00	6.9			12	LWR	10411	H S	0	040	00	81	112	04	20	V		002
H	150136	DG567	16 37	35.0	-48 40	00	5.6			11	SWP	13778	H L	0	007	00	81	112	08	29	V		501
H	150136	DG567	16 37	35.0	-48 40	00	5.6			11	LWR	10414	H L	0	006	00	81	112	09	01	V		501
HD	150708	RSDCB	16 38	22.0	+60 47	50	8.2			39	LWR	10302	H L	0	070	00	81	097	18	14	G	81/308	E=91, C=115, B=56
HD	150708	RSDCB	16 38	22.0	+60 47	50	8.2			39	LWR	10316	L L	0	008	00	81	099	00	45	G	81/308	E=140, C=135, B=26
H	150484	UK313	16 38	48.0	+00 34	00	15.3			53	LWR	10439	L L	0	010	00	81	115	09	39	V		501
Q	1647+399	OSDAG	16 41	17.6	+39 54	10	15.3			85	LWR	10284	L L	0	120	00	81	094	15	52	G	81/301	C=100, B=43
H	151346	UK410	16 44	45.0	-23 53	00	7.9			22	SWP	13680	L L	0	170	00	81	098	15	08	G	81/308	C=75, B=45
H	151346	UK410	16 44	45.0	-23 53	00	7.9			22	LWR	10532	L S	0	004	00	81	126	02	21	V		501
H	151346	UK410	16 44	45.0	-23 53	00	7.9			22	LWR	10532	L L	0	005	00	81	126	02	13	V		701
GD	358	GV555	16 45	25.0	+32 34	00	13.6			29	LWR	10668	L L	0	034	00	81	141	07	13	V		501
GD	358	GV555	16 45	25.0	+32 34	00	13.6			29	SWP	14015	L L	0	034	00	81	141	06	35	V		501
G	226-29	GV555	16 47	38.0	+59 09	00	12.3			37	LWR	10667	L L	0	028	00	81	141	05	28	V		501
HD	226-29	GV555	16 47	38.0	+59 09	00	12.3			37	SWP	14014	L L	0	015	00	81	141	04	50	V		301
HD	152236	PHCAL	16 50	28.0	-42 17	00	4.7			13	LWR	10365	H L	0	005	40	81	106	09	16	V		502
HD	156283	MGDDH	17 13	18.9	+36 50	59	3.15			47	LWR	10441	H L	0	020	00	81	115	18	07	G	81/326	E=244, B=100
Q	1729+502	BLDAG	17 27	04.3	+50 15	30	16.3			87	LWR	10301	L L	0	180	00	81	097	11	31	G	81/308	C=80, B=43
Q	1729+502	BLDAG	17 27	04.3	+50 15	30	16.4			87	SWP	13676	L L	0	200	00	81	097	14	34	G	81/308	C=75, B=43
HD	159181	MGDDH	17 29	18.0	+52 21	00	2.8			46	LWR	10655	H L	0	010	00	81	139	20	47	G	81/361	E=255, C=250, B=52
HD	159441	CB DJE	17 33	50.7	-56 47	29	7.5			30	LWR	10461	L L	0	001	19	81	118	20	44	G	81/328	C=200, B=28
HD	159441	CB DJE	17 33	50.7	-56 47	29	7.5			30	SWP	13851	L L	0	050	00	81	120	16	22	G	81/333	E=127, C=231, B=90
HD	159441	CB DJE	17 33	50.7	-56 47	29	7.5			30	LWR	10460	L L	0	002	00	81	118	20	00	G	81/330	C=1.5, B=23
HD	159441	CB DJE	17 33	50.7	-56 47	29	7.5			30	SWP	13830	L L	0	010	00	81	118	20	08	G	81/330	C=210, B=30

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D A S P R P	L EXPOSE TIME	OBSERVATION DATE			ST ID	RELEASES DATE		OBSERVERS COMMENTS						
		HR	MN	SEC	DEG	MN	SC								HR	MN	YR		DAY	HR		MN	YR	DAY			
HD	161797	CCDMG	17	44	30.0	+27	44	55	3.5		G5	IV	44	LWR	10262	L	L	O	000	10	81	091	20	02	G	81/300	C=260,B=20
HD	161797	CCDMG	17	44	30.0	+27	44	55	3.5		G5	IV	44	SWP	13637	L	L	O	069	00	81	091	18	41	G	81/300	E=260,C=1.5,B=75
	RS OPH	CVDDL	17	47	32.0	-06	42	00	12.0		N0	V	55	SWP	13954	L	L	O	240	00	81	130	08	38	G	81/340	E=129,C=132,B=82
	RS OPH	CVDDL	17	47	32.0	-06	42	00	12.0		N0	V	55	LWR	10566	L	L	O	240	00	81	130	13	00	G	81/340	C=225,B=65
HD	162374	BPDKR	17	48	53.3	-34	47	14	6.0	E0.08	B8		27	SWP	14049	H	L	O	003	00	81	144	19	11	G	81/361	C=143,B=45
HD	162374	BPDKR	17	48	53.3	-34	47	14	6.0	E0.08	B8		27	SWP	14069	H	L	O	006	00	81	145	18	22	G	81/361	C=210,B=43
HD	162374	BPDKR	17	48	53.3	-34	47	14	6.0	E0.08	B8		27	LWR	10706	H	L	O	007	00	81	145	18	32	G	81/361	C=1.1,B=45
HD	162374	BPDKR	17	48	53.3	-34	47	14	6.0	E0.08	B8		27	SWP	14048	L	L	O	002	28	81	144	18	09	G	81/361	E=199,C=185,B=32,TRD
HD	162374	BPDKR	17	48	53.3	-34	47	14	6.0	E0.08	B8		27	SWP	14091	H	L	O	006	00	81	147	21	44	G	81/361	C=200,B=40
HD	162374	BPDKR	17	48	53.3	-34	47	14	6.0	E0.08	B8		27	LWR	10695	L	L	O	001	51	81	144	18	39	G	81/361	C=190,B=32,TRAILED
HD	162374	BPDKR	17	48	53.3	-34	47	14	6.0	E0.08	B8		27	LWR	10730	H	L	O	007	00	81	147	21	17	G	81/361	C=1.5,B=40
HD	162374	BPDKR	17	48	53.4	-34	47	15	6.0		B8		27	LWR	10721	L	H	O	007	00	81	146	22	15	G	81/361	C=1.5,B=40
HD	162374	BPDKR	17	48	53.4	-34	47	15	6.0		B8		27	SWP	14084	L	H	O	006	00	81	146	22	44	G	81/361	C=205,B=37
HD	162374	BPDKR	17	48	53.4	-34	47	15	6.0	E0.08	B8		27	LWR	10696	H	L	O	003	30	81	144	19	17	G	81/361	C=200,B=45
HD	162374	BPDKR	17	48	53.4	-34	47	15	6.0		B8		27	SWP	14085	L	L	O	000	05	81	146	23	31	G	81/361	C=195,B=18
HD	162374	BPDKR	17	48	53.4	-34	47	15	6.0		B8		27	LWR	10722	L	L	O	000	05	81	146	23	34	G	81/361	C=220,B=25
HD	162374	BPDKR	17	48	53.4	-34	47	15	6.0		B8		27	LWR	10722	L	S	O	000	10	81	146	23	37	G	81/361	C=220,B=25
HD	163506	CBDEB	17	53	24.0	+26	03	24	5.5		F2	IB	40	LWR	10440	H	L	O	040	00	81	115	16	50	G	81/323	C=220,B=145
H	163611	UK313	17	54	24.0	04	59	00	7.5				53	SWP	13803	L	L	O	180	00	81	115	06	18	Y	/	702
H	163611	UK313	17	54	24.0	04	59	00	7.5				53	LWR	10438	H	L	O	180	00	81	115	03	11	Y	/	506
H	163770	DR370	17	54	32.0	37	15	00	3.8				47	SWP	13642	L	L	O	150	00	81	092	07	17	Y	/	452
HD	163930	RSDCB	17	55	51.0	+15	08	31	7.2		F4	IV	39	LWR	10305	H	L	O	088	00	81	098	00	20	G	81/308	E=133,C=155,B=50
H	175754	RS564	18	00	48.0	-24	22	00	6.0				15	SWP	13729	H	L	O	004	30	81	106	06	04	Y	/	501
HD	313846	HSCPC	18	02	23.5	-23	00	38	10.2	E0.98	O5		15	SWP	13901	L	L	O	025	00	81	125	22	49	G	81/342	C=90,B=42
HD	313846	HSCPC	18	02	23.5	-23	00	38	10.2	E0.98	O5		15	LWR	10529	L	L	O	022	00	81	125	22	21	G	81/342	C=195,B=38
H	165763	HN530	18	05	29.0	-21	16	00	10.0				10	LWR	10489	L	S	O	001	00	81	121	02	23	Y	/	582
H	165763	HN530	18	05	29.0	-21	16	00	10.0				10	LWR	10489	L	L	O	000	40	81	121	02	26	Y	/	582
H	165763	HN530	18	05	29.0	-21	16	00	10.0				10	LWR	10490	H	L	O	060	00	81	121	02	55	Y	/	584
HD	166208	CBDEB	18	05	58.3	+43	27	16	5.0		K0	III	47	SWP	13840	L	L	O	240	00	81	119	10	23	G	81/330	E=193,C=230,B=60
Q	1807+698	BLDDW	18	07	18.5	+69	48	57	14.5		B	III	87	LWR	10493	L	L	O	105	00	81	121	14	13	G	81/328	C=110,B=45
Q	1807+698	BLDDW	18	07	18.5	+69	48	57	14.5		B	III	87	SWP	13859	L	L	O	300	00	81	121	09	08	G	81/328	C=98,B=60
	AR PAV	CVDDL	18	15	24.2	-66	06	04	10.2		M3	III	57	SWP	13956	L	S	O	010	00	81	130	21	46	G	81/356	E=2.5,C=120,B=30
	AR PAV	CVDDL	18	15	24.2	-66	06	04	10.2		M3	III	57	LWR	10570	L	L	O	040	00	81	130	22	01	G	81/356	E=1.5,C=215,B=30
	AR PAV	CVDDL	18	15	24.2	-66	06	04	10.2		M3	III	57	SWP	13956	L	L	O	050	00	81	130	20	50	G	81/356	E=2.5,C=120,B=30
HD	168206	CBDEB	18	16	18.8	-11	39	16	0.9		OB		10	SWP	13831	L	L	O	010	00	81	118	22	00	G	81/328	E=119,C=105,B=30
HD	168206	WRDJE	18	16	19.7	-11	39	15	9		OB		10	SWP	13850	L	L	O	015	00	81	120	15	18	G	81/333	E=194,C=145,B=32
HD	168206	WRDJE	18	16	19.7	-11	39	15	9		OB		10	LWR	10482	L	L	O	008	00	81	120	15	41	G	81/333	C=230,B=27
HD	168206	CBDEB	18	16	19.8	-11	39	16	0.9		OB		10	LWR	10462	L	L	O	005	00	81	118	21	49	G	81/328	C=160,B=27
H	168206	UK458	18	16	20.0	-11	39	00	9.4				10	SWP	13964	L	L	O	010	00	81	133	01	16	Y	/	330
H	168206	UK458	18	16	20.0	-11	39	00	9.4				10	SWP	13965	L	L	O	025	00	81	133	01	58	Y	/	551

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P R	L A P	EXPOSE TIME		OBSERVATION DATE			ST ID	RELEASE DATE		OBSERVERS COMMENTS					
		HR	MM	SEC	DEG	MM	SC								MIN	SEC	YR	DAY	HR		MM	YR		DAY				
H 168206	UK458	18	16	20.0	-11	39	00	9.4			10	LWR	10593	L	L	0	010	00	81	133	01	29	V	/	552			
NOVA CRA	CVDSS	18	38	29.9	-37	34	59	8.4			55	LWR	10330	L	L	0	004	00	81	100	11	06	G	81/308	E=8X,C=4X,B=25			
NOVA CRA	CVDSS	18	38	29.9	-37	34	59	8.4			55	LWR	10331	L	S	0	000	20	81	100	11	48	G	81/308	E=LX,C=70,B=30			
NOVA CRA	CVDSS	18	38	29.9	-37	34	59	8.4			55	LWR	10331	L	L	0	001	40	81	100	11	44	G	81/308	E=3X,C=170,B=30			
NOVA CRA	CVDSS	18	38	29.9	-37	34	59	8.4			55	LWR	10330	L	S	0	001	00	81	100	11	16	G	81/308	E=1X,C=80,B=25			
NOVA CRA	CVDSS	18	38	29.9	-37	34	59	8.4			55	SWP	13695	L	S	0	020	00	81	100	12	25	G	81/305	E=10-20X,C=5X,B=40			
NOVA CRA	CVDSS	18	38	29.9	-37	34	59	8.4			55	SWP	13695	L	L	0	025	00	81	100	11	54	G	81/305	E=10-20X,C=5-10X,B=4			
NOVA CRA	CVDSS	18	38	33.7	-37	34	07	9.8			55	SWP	13770	L	L	0	003	00	81	111	17	37	G	81/323	E=3X,C=130,B=18			
NOVA CRA	CVDSS	18	38	33.7	-37	34	07	9.8			55	SWP	13769	L	L	0	001	29	81	111	17	01	G	81/323	E=30X,C=75,B=20			
NOVA CRA	CVDSS	18	38	33.7	-37	34	07	9.8			55	SWP	13769	L	S	0	000	19	81	111	17	06	G	81/323	E=80,C=40,B=20			
NOVA CRA	CVDSS	18	38	33.7	-37	34	07	11.7			55	LWR	10703	L	L	0	008	00	81	145	14	28	G	81/361	E=2X,C=112,B=28			
NOVA CRA	CVDSS	18	38	33.7	-37	34	07	9.8			55	SWP	13770	L	L	0	000	39	81	111	17	46	G	81/323	E=175,C=40,B=18			
NOVA CRA	CVDSS	18	38	33.7	-37	34	07	11.7			55	SWP	14066	L	L	0	002	29	81	145	14	01	G	81/361	C=205,B=20			
NOVA CRA	CVDSS	18	38	33.7	-37	34	07	11.7			55	SWP	14066	L	S	0	002	29	81	145	14	19	G	81/361	C=205,B=20			
NOVA CRA	CVDSS	18	38	33.7	-37	34	07	9.8			55	LWR	10405	L	S	0	000	19	81	111	16	47	G	81/323	E=203,C=55,B=30			
NOVA CRA	CVDSS	18	38	33.7	-37	34	07	9.8			55	LWR	10405	L	L	0	001	39	81	111	16	42	G	81/323	E=2.5X,C=125,B=30			
NOVA CRA	CVDSS	18	38	33.7	-37	34	07	11.7			55	LWR	10703	L	S	0	002	00	81	145	14	47	G	81/361	E=235,B=23			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	10.4			55	LWR	10506	L	L	0	000	29	81	122	23	45	G	81/333	E=149,C=30,B=25			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	8.7			55	LWR	10506	L	L	0	002	29	81	122	23	38	G	81/333	E=4-5X,C=90,B=25			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	8.7			55	SWP	13702	L	L	0	001	29	81	102	10	49	G	81/308	E=4-5X,C=180,B=18			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	8.7			55	LWR	10343	L	L	0	001	40	81	102	11	24	G	81/308	E=10X,C=155,B=27			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	8.7			55	SWP	13702	L	S	0	000	10	81	102	10	55	G	81/308				
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	8.7			55	SWP	13703	L	L	0	000	20	81	102	11	43	G	81/308	C=214,B=17			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	8.9			55	SWP	13712	H	L	0	020	00	81	104	21	18	G	81/322	C=130,B=28			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	8.7			55	LWR	10343	L	S	0	000	20	81	102	11	29	G	81/308	E=106,C=65,B=27			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	9			55	SWP	13711	L	L	0	001	20	81	104	20	41	G	81/320	C=1.5X,B=22			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	9.9			55	LWR	10349	L	L	0	001	40	81	104	21	10	G	81/322	E=3X,C=190,B=30			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	9.9			55	SWP	10349	L	S	0	000	20	81	104	21	14	G	81/322	E=235,C=60,B=30			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	10.4			55	SWP	13870	L	S	0	001	00	81	122	23	12	G	81/341	E=100,C=40,B=25			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	10.4			55	SWP	13870	L	L	0	004	00	81	122	23	04	G	81/341	E=2-3X,C=100,B=25			
NOVA CRA	CVDSS	18	38	33.8	-37	34	08	9			55	SWP	13711	L	S	0	001	20	81	104	20	46	G	81/320	C=140,B=22			
U1849-31	JB601	18	51	50.0	-31	14	00	13.2			59	SWP	10693	L	L	0	040	00	81	144	05	56	V	/	452			
U1849-31	JB601	18	51	50.0	-31	14	00	13.2			59	SWP	14042	L	L	0	040	00	81	144	05	11	V	/	451			
U1849-31	JB601	18	51	50.0	-31	14	00	13.2			59	SWP	14043	L	L	0	065	00	81	144	06	41	V	/	451			
HD	175362	BPDKR	18	53	17.1	-37	24	33	5.4		B8	27	SWP	14068	H	L	0	005	00	81	145	17	21	G	81/361	C=270,B=45		
HD	175362	BPDKR	18	53	17.1	-37	24	33	5.4		B8	IV	27	SWP	14067	L	L	0	000	14	81	145	16	10	G	81/361	C=230,B=30,TRAILED	
HD	175362	BPDKR	18	53	17.1	-37	24	33	5.4		B8	IV	27	LWR	10729	L	L	0	002	18	81	147	20	38	G	81/361	C=1.5X,B=25,TRLD	
HD	175362	BPDKR	18	53	17.1	-37	24	33	5.4		B8	IV	27	LWR	10704	L	L	0	000	15	81	145	16	20	G	81/361	1.5X,B=25,TRAILED	
HD	175362	BPDKR	18	53	17.1	-37	24	33	5.4		B8	IV	27	LWR	10728	H	L	0	004	00	81	147	19	27	G	81/361	C=1.1X,B=45	
HD	175362	BPDKR	18	53	17.1	-37	24	33	5.4		B8	IV	27	SWP	14083	L	H	0	004	30	81	146	21	37	G	81/361	C=250,B=40	

OBJECT ID	PROG ID	TARGET RA		TARGET DEC		VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P R	A P P	EXPOSE TIME		OBSERVATION DATE			ST ID	RELEAS DATE		OBSERVERS COMMENTS		
		HR	MM	SEC	DEG								MM	SC	MIN	SE	YR		DAY	HR		MM	YR	DAY
HD	175362	BPKR	18 53	17.1	-37 24 33	5.4		B8	27	LWR	10720	L H	0	004	00	81	146	21	31	G	81/361	C=270,B=40	
HD	175362	BPKR	18 53	17.1	-37 24 33	5.4		B8	27	LWR	10705	H L	0	004	29	81	145	17	12	G	81/361	C=1.5X,B=40	
HD	175362	BPKR	18 53	17.1	-37 24 33	5.4		B8	27	SWP	14047	H L	0	003	30	81	144	16	58	G	82/003	C=230,B=52	
HD	175362	BPKR	18 53	17.1	-37 24 33	5.4		B8	27	LWR	10694	H L	0	002	30	81	144	17	06	G	81/361	C=210,B=40	
HD	175362	BPKR	18 53	17.1	-37 24 33	5.4		B8	IV	27	SWP	14090	L L	0	002	18	81	147	20	30	G	81/361	C=225,B=30
HD	175362	BPKR	18 53	17.1	-37 24 33	5.4		B8	IV	27	SWP	14089	H L	0	004	29	81	147	19	36	G	81/361	C=255,B=50
HD	177230	WRDPH	19 01	20.3	-04 23 30	11.27		WN8	15	SWP	13728	H L	0	012	00	81	106	05	04	V	82/003	C=130,B=65	
HD	177230	HSCPC	19 01	20.4	-04 23 31	11.2	EO.77	WN	11	SWP	13914	L L	0	025	00	81	126	23	24	G	81/340	C=75,B=30	
HD	177230	HSCPC	19 01	20.4	-04 23 13	11.2	EO.77	O1	11	LWR	10530	L L	0	010	00	81	125	23	39	G	81/342	C=110,B=30	
D+2	3771	UK410	19 01	39.0	+03 01 00	9.2			23	SWP	13902	L L	0	025	00	81	126	01	01	V	81/308	401	
D+2	3771	UK410	19 01	39.0	+03 01 00	9.2			23	LWR	10531	L L	0	014	00	81	126	00	40	V	81/308	701	
HD	179094	RSDCB	19 07	15.0	+52 20 42	5.8		K1	IV	39	LWR	10317	H L	0	023	00	81	099	01	26	G	81/308	E=162,C=82,B=32
HD	179094	RSDCB	19 07	15.0	+52 20 42	5.8		K1	IV	39	SWP	13674	L L	0	057	00	81	097	00	53	G	81/308	E=134,C=60,B=43
H	179406	UK410	19 09	58.0	-08 01 00	5.4			21	LWR	10502	H L	0	005	30	81	122	07	40	V	81/308	502	
H	179406	UK410	19 09	58.0	-08 01 00	5.4			21	SWP	13865	H L	0	014	00	81	122	07	11	V	81/344	601	
IC	1297	NPDLA	19 13	54.0	-39 41 00	11.5		PN	70	SWP	13920	L L	0	058	00	81	127	22	51	G	81/344	E=2-3X,C=135,B=45	
HN-32A		HHDKB	19 18	07.9	+19 56 21	16.7	EO.69	HH	19	SWP	13804	L L	0	310	00	81	115	10	45	G	81/323	E=75	
H	182640	AH510	19 22	58.0	+03 01 00	3.4			40	SWP	13952	L L	0	000	25	81	130	05	33	V	81/308	500	
H	182640	AH510	19 22	58.0	+03 01 00	3.4			40	SWP	13952	L S	0	000	40	81	130	05	37	V	81/308	500	
H	182640	AH510	19 22	58.0	+03 01 00	3.4			40	LWR	10563	L L	0	000	06	81	130	05	26	V	81/308	702	
H	182640	AH510	19 22	58.0	+03 01 00	3.4			40	LWR	10563	L S	0	000	06	81	130	05	30	V	81/308	602	
HD	182917	CVDDL	19 23	13.9	+50 08 53	6.88		N6	III	57	LWR	10569	H L	0	010	00	81	130	19	48	G	81/356	E=1.5X,C=150,B=30
HD	184398	RSDCB	19 30	10.1	+55 37 29	6.4		A8	IV	39	LWR	10313	H L	0	040	00	81	098	19	32	G	81/308	E=156,C=95,B=33
HD	184898	RSDCB	19 30	10.1	+55 37 29	6.4		A8	IV	39	SWP	13681	L L	0	090	00	81	098	19	16	G	81/308	E=250,C=5X,B=42
HD	185144	CCDMG	19 32	27.6	+69 34 34	4.7		G4	V	46	LWR	10265	L S	0	000	75	81	092	01	25	G	81/300	C=210,B=25
HD	185144	CCDMG	19 32	27.6	+69 34 34	4.7		G4	V	46	LWR	10265	L L	0	000	75	81	092	01	29	G	81/300	C=1.5X,B=25
HD	185144	CCDMG	19 32	27.6	+69 34 34	4.8		K0	V	46	SWP	13638	L L	0	100	00	81	091	20	49	G	81/300	E=158,C=130,B=80
HD	185144	CCDMG	19 32	27.6	+69 34 34	4.8		K0	V	46	LWR	10263	L L	0	003	29	81	091	22	33	G	81/300	C=2-3X,B=23
NGC	6818	NPDLA	19 41	09.0	-14 16 21	10.6		PN	70	LWR	10540	H L	0	180	00	81	127	13	10	G	81/344	E=150,B=55	
NGC	6818	NPDLA	19 41	09.0	-14 16 21	10.6		PN	70	SWP	13916	H L	0	240	00	81	127	09	05	G	81/344	E=2-3X,B=70	
NGC	6818	NPDLA	19 41	09.4	-14 16 21	10.6		PN	70	LWR	10557	L L	0	060	00	81	129	10	01	G	81/351	E=156,C=95,B=33	
NGC	6818	NPDLA	19 41	09.4	-14 16 21	10.6		PN	70	SWP	13943	L L	0	060	00	81	129	08	53	G	81/351	E=3X,C=60,B=25	
NGC	6818	NPDLA	19 41	09.4	-14 16 21	10.6		PN	70	SWP	13944	L L	0	015	00	81	129	11	05	G	81/351	E=195,B=18	
NGC	6826	NPDLA	19 43	27.2	+50 24 11	11.1		PN	70	LWR	10541	L L	0	060	00	81	127	18	08	G	81/344	C=205,B=60	
NGC	6826	NPDLA	19 43	27.2	+50 24 11	11.1		PN	70	SWP	13917	L L	0	060	00	81	127	17	00	G	81/344	E=5-6X,C=185,B=80	
NGC	6826	NPDLA	19 43	27.2	+50 24 11	11.1		PN	70	SWP	13918	L L	0	005	00	81	127	19	14	G	81/344	E=75,B=20	
HD	186943	WRDPH	19 44	14.3	+28 08 56	10.3		WN6	11	SWP	14114	L L	0	006	00	81	149	23	19	G	82/007	NO COMMENTS	
HD	186943	WRDPH	19 44	14.3	+28 08 56	10.36		WN4	11	LWR	10747	L L	0	003	00	81	149	23	28	G	81/363	C=125,B=25	
HD	186943	WRDPH	19 44	14.3	+28 08 56	10.3		WN4	11	SWP	14132	L L	0	006	00	81	151	14	47	G	82/003	E=166,C=100,B=28	

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P R	A P P	EXPOSE TIME		OBSERVATION DATE			ST ID	RELEASE DATE		OBSERVERS COMMENTS			
		HR	MIN	SEC	DEG	MIN	SEC								MIN	SEC	YR	DAY	HR		MIN	YR		DAY		
CI	CYG	AA545	19	48	21.0	35	33	00	10.0		57	SWP	13795	H	L	0	080	00	81	114	06	57	V	/	032	
CI	CYG	AA545	19	48	21.0	35	33	00	10.0		57	LWR	10427	H	L	0	100	00	81	114	05	13	V	/	032	
V1016	CYG	NPDWF	19	55	20.0	+39	41	24	10.5	PN	70	SWP	13704	L	L	0	007	00	81	102	12	56	G	81/312	E=3-4, C=45, B=20	
V1016	CYG	NPDWF	19	55	20.0	+39	41	24	10.5	PN	70	LWR	10344	L	L	0	008	00	81	102	13	09	G	81/312	E=2-3, C=1-5, B=25	
V1016	CYG	NPDWF	19	55	20.0	+39	41	24	10.5	PN	70	SWP	13705	H	L	0	060	00	81	102	13	39	G	81/312	E=3X, B=30	
V1016	CYG	NPDWF	19	55	20.0	+39	41	24	10.5	PN	70	LWR	10345	L	L	0	002	00	81	102	14	43	G	81/312	E=236, C=65, B=23	
RR	TEL	PHCAL	20	00	20.0	-55	52	00	10.5		63	SWP	13730	L	L	0	020	00	81	106	06	48	V	/	260 TRAILED	
RR	TEL	PHCAL	20	00	20.0	-55	52	00	10.5		63	LWR	10364	H	L	0	020	00	81	106	07	05	V	/	262	
H	190248	UK458	20	03	50.0	-66	18	00	3.6		44	LWR	10606	H	L	0	022	00	81	138	06	14	V	/	652	
WZ	SGE	CVDCW	20	05	20.5	+17	33	30	14.1	B5	55	LWR	10702	H	L	0	245	00	81	145	08	44	G	81/361	E=2X, C=235, B=52	
HD	WZ	SGE	20	05	20.5	+17	33	30	14.1	B5	55	SWP	13718	L	L	0	049	00	81	105	04	27	G	81/314	B=20	
HD	192163	WRDPH	20	10	17.1	+38	12	16	8.1	WN	11	LWR	10756	H	L	0	000	15	81	151	15	26	G	82/003	E=192, C=105, B=25	
HD	192163	WRDPH	20	10	17.1	+38	12	16	8.1	WN	11	SWP	14133	H	L	0	025	00	81	151	15	26	G	82/003	E=1.5X, C=120, B=60	
HD	MKN 509	UK447	20	11	26.0	-10	54	00	13.0		84	LWP	13110	H	L	0	500	00	81	103	01	03	V	/	*** SENDER IDTY BG	
HD	MKN 509	UK447	20	11	26.0	-10	54	00	13.0		84	SWP	13707	H	L	0	915	00	81	103	00	15	V	/	*** ST RD AT GSPC	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	39	SWP	13861	H	L	0	028	00	81	121	17	45	G	81/330	C=200, B=70	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	39	LWR	10378	H	L	0	012	00	81	108	01	29	G	81/315	E=215, C=130, B=30	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	LWR	10298	H	L	0	060	00	81	096	20	15	G	81/308	E=2X, C=100, B=58	
HD	32	CYGN1	20	13	55.5	+47	33	36	4.2	K5	48	LWR	10656	H	L	0	011	00	81	139	21	47	G	81/355	E=226, C=160, B=56	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	LWR	10406	H	L	0	015	00	81	111	19	09	G	81/322	E=1, C=150, B=32	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	SWP	13670	H	L	0	100	00	81	096	18	30	G	81/308	E=200, C=100, B=82	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	SWP	13772	H	L	0	030	00	81	111	19	38	G	81/320	C=160, B=42	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	SWP	13654	H	L	0	052	00	81	094	18	27	G	81/301	E=103, C=30, B=20	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	SWP	13752	H	L	0	035	00	81	109	18	54	G	81/326	C=170, B=35	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	LWR	10325	H	L	0	060	00	81	099	20	34	G	81/308	C=125, B=50	
HD	32	CYGN1	20	13	55.5	+47	33	36	4.2	K5	48	SWP	13671	L	L	0	000	19	81	096	21	20	G	81/308	E=30, C=28, B=13	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	SWP	13998	H	L	0	017	00	81	139	21	17	G	81/355	E=190, C=100, B=100	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	LWR	10324	L	L	0	000	10	81	099	18	44	G	81/308	E=74, C=68, B=27	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	SWP	13690	H	L	0	100	00	81	099	18	49	G	81/308	E=232, B=73	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	39	LWR	10377	H	L	0	020	00	81	108	00	29	G	81/315	E=7X, C=170, B=35	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	LWR	10339	H	L	0	040	00	81	101	23	31	G	81/312	E=NG2, C=200, B=30	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	LWR	10285	H	L	0	060	00	81	094	18	34	G	81/301	E=2X, C=110, B=60	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	39	SWP	13699	H	L	0	060	00	81	101	20	22	G	81/312	E=102, C=80, B=31	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	39	LWR	10336	H	L	0	000	10	81	101	20	17	G	81/312	E=111, C=80, B=26	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	39	SWP	13743	H	L	0	060	00	81	107	23	24	G	81/326	C=250, B=70	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	SWP	13655	H	L	0	100	00	81	094	19	39	G	81/301	E=240, C=115, B=100	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	LWR	10442	H	L	0	015	00	81	115	19	19	G	81/328	E=3X, C=180, B=43	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	39	LWR	10494	H	L	0	016	00	81	121	17	16	G	81/330	E=270, C=160, B=43	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	48	SWP	13806	H	L	0	030	00	81	115	19	47	G	81/326	C=1.5X, B=145	
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2	K5	39	SWP	13860	H	L	0	038	00	81	121	16	23	G	81/330	C=220, B=75	

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR FB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P A L	EXPOSE TIME	OBSERVATION DATE			ST ID	RELEASES		OBSERVERS COMMENTS						
		HR	MN	SEC	DEG	MN	SEC								MIN	SE	YR		DAY	HR		MN	YR	DAY			
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	39	LWR	10363	H	L	0	012	00	81	106	01	34	G	81/314	E=191, C=125, B=30
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	48	LWR	10273	H	L	0	060	00	81	092	23	26	G	81/302	E=2-3X, C=145, B=87
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	48	SWP	13646	H	L	0	060	00	81	093	00	32	G	81/302	E=192, C=128, B=93
HD	192909	OD46B	20	13	55.5	+47	33	36	4.4		K5	IB	48	LWR	10384	H	L	0	020	00	81	109	18	30	G	81/327	E=8X, C=185, B=31
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	39	SWP	13740	H	L	0	038	00	81	107	18	52	G	81/326	C=182, B=44
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	39	LWR	10358	H	L	0	021	00	81	105	18	40	G	81/314	E=1X, C=165, B=35
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	39	LWR	10362	H	L	0	021	00	81	106	00	22	G	81/314	E=4X, C=150, B=32
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	39	LWR	10374	H	L	0	020	00	81	107	19	34	G	81/326	E=8X, C=185, B=32
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	39	SWP	13724	H	L	0	038	00	81	106	00	51	G	81/315	C=172, B=35
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	39	LWR	10373	H	L	0	015	00	81	107	18	32	G	81/326	E=2X, C=150, B=31
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	39	SWP	13720	H	L	0	038	00	81	105	19	07	G	81/314	C=185, B=45
HD	192909	OD46B	20	13	55.5	+47	33	36	4.2		K5	IB	39	LWR	10359	H	L	0	018	00	81	105	19	51	G	81/315	E=1X, C=150, B=32
HD	193576	CBDJJE	20	17	42.5	+38	34	23	8.1	E01.00	O6		11	SWP	13832	L	L	0	010	00	81	118	23	26	G	81/328	E=2X, C=220, B=27
HD	193576	WRDJE	20	17	42.5	+38	34	23	8.1	E01.00	O6		11	SWP	13849	L	L	0	013	00	81	120	14	25	G	81/333	E=12X, C=185, B=30
HD	193576	CBDJJE	20	17	42.6	+38	34	24	0.8	E0.10	O6		11	LWR	10463	L	L	0	004	00	81	118	23	17	G	81/328	C=1.5-2X, B=25
HD	193576	WRDJE	20	17	42.9	+38	34	23	8.1	E1.00	O6		11	LWR	10481	L	L	0	002	29	81	120	13	55	G	81/333	C=250, B=25
HD	193576	WRDJE	20	17	42.9	+38	34	23	8.1	E1.00	O6		11	SWP	13848	L	L	0	005	00	81	120	13	44	G	81/333	E=184, C=130, B=26
HD	193576	CBDJJE	20	17	43.0	+38	34	24	8.1	E01.00	O6		11	LWR	10464	L	L	0	002	00	81	118	23	54	G	81/328	C=200, B=25
HD	193682	IEDBS	20	18	18.0	+37	40	20	8.4	E0.51	O5		12	LWR	10663	L	S	0	012	00	81	140	23	16	G	81/356	C=255, B=30
HD	193682	IEDBS	20	18	18.0	+37	40	20	8.4	E0.51	O5		12	LWR	10663	L	S	0	003	00	81	140	23	32	G	81/356	C=255, B=30
HD	193682	IEDBS	20	18	18.0	+37	40	20	8.4	E0.51	O5		12	SWP	14010	L	S	0	012	00	81	140	22	29	G	81/356	C=165, B=30
HD	193682	IEDBS	20	18	18.0	+37	40	20	8.4	E0.51	O5		12	SWP	14010	L	S	0	003	00	81	140	22	53	G	81/356	C=218, B=30
HD	229196	IEDBS	20	21	24.0	+40	42	48	8.5	E1.22	O5		12	LWR	10662	L	L	0	004	00	81	140	22	09	G	81/356	C=185, B=45
HD	229196	IEDBS	20	21	24.0	+40	42	48	8.5	E1.22	O5		12	SWP	14009	L	L	0	025	00	81	140	21	13	G	81/358	E=177, C=190, B=90
HD	229196	IEDBS	20	21	24.0	+40	42	48	8.5	E1.22	O5		12	LWR	10662	L	S	0	016	00	81	140	21	44	G	81/356	C=255, B=45
A	70	NP348	20	28	54.0	-07	16	00	15.0				70	LWR	10397	L	L	0	028	00	81	111	05	17	V	/	001
A	70	NP348	20	28	54.0	-07	16	00	15.0				70	SWP	13765	L	L	0	150	00	81	111	02	41	V	/	221
D+	404220	UK410	20	30	35.0	+41	08	00	9.2				12	LWR	10500	L	L	0	260	00	81	122	01	38	V	/	705
N	6949	GP613	20	33	49.0	+59	59	00	11.1				80	SWP	14107	L	L	0	049	00	81	149	03	03	V	/	101
N	6949	GP613	20	33	49.0	+59	59	00	11.1				80	LWR	10739	L	L	0	120	00	81	149	00	56	V	/	101
HD	H	196755	CZ502	20	36	42.0	+09	54	00	5.0			44	SWP	13999	L	L	0	040	00	81	140	00	27	V	/	301
HD	197018	BPDKR	20	37	43.4	+40	24	06	6.0		B6		27	SWP	14092	H	L	0	008	00	81	147	22	51	G	81/361	C=190, B=30
HD	197018	BPDKR	20	37	43.4	+40	24	06	6.0		B6		27	LWR	10731	H	L	0	006	00	81	147	23	05	G	81/361	C=200, B=35
HD	197018	BPDKR	20	37	43.4	+40	24	00	6.0		B6		27	SWP	14093	L	L	0	000	37	81	147	23	33	G	81/361	C=240, B=30, TRLD
HD	197018	BPDKR	20	37	45.0	+40	24	06	6.0		B6		27	LWR	10698	H	L	0	008	00	81	144	21	53	G	81/361	C=240, B=45
HD	197018	BPDKR	20	37	45.0	+40	24	06	6.0		B6		27	SWP	14051	H	L	0	009	00	81	144	21	25	G	81/361	C=230, B=65
HD	197018	BPDKR	20	37	45.0	+40	24	06	6.0		B6		27	LWR	10697	L	L	0	001	51	81	144	21	16	G	81/361	C=225, B=30
HD	197018	BPDKR	20	37	45.0	+40	24	06	6.0	E0.00	B6		27	SWP	14050	L	L	0	001	51	81	144	20	43	G	81/361	E=216, C=210, B=28, TRLD
HD	197406	WRDPM	20	39	54.1	+52	24	33	10.5		WN		11	LWR	10755	L	L	0	012	00	81	151	13	32	G	82/003	C=175, B=25
HD	197406	WRDPM	20	39	54.1	+52	24	33	10.5		WN		11	SWP	14131	L	L	0	012	00	81	151	14	00	G	82/003	C=62, B=30

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D S P R	L A P P	EXPOSE TIME		OBSERVATION DATE			ST ID	RELEASES DATE		OBSERVERS COMMENTS				
		HR	MN	SEC	DEG	MM	SC								MIN	SE	YR	DAY	HR		MN	YR		DAY			
NGC	HKN509	GHDDY	20	41	26.2	-10	54	17	13.0	B0	V	84	SWP	13708	H	L	0	235	00	81	103	13	09	G	81/312	C=250, B=152, EXP=1200	
NGC	6960	NSDJR	20	47	07.7	+30	34	06	0.0			75	LWR	10394	L	L	0			81	110	11	45	G	81/326	C=50, B=45	
NGC	6960	NSDJR	20	47	07.7	+30	34	06	0.0			75	SWP	13761	L	L	0	370	00	81	110	11	43	G	81/326	E=98, C=100, B=62	
NGC	6960	NSDJR	20	47	07.7	+30	34	06	0.0			75	FES	1324	S	2	0	020	00	81	110	12	03	G	81/315	NO COMMENTS	
NGC	6960	NSDJR	20	47	07.7	+30	34	06	0.0			75	FES	1325	D	2	0	010	00	81	110	12	03	G	81/315	NO COMMENTS	
H	198478	UK410	20	47	14.0	+45	56	00	4.9			23	SWP	13907	H	L	0	035	00	81	126	07	14	V	/	501	
V1329	CYG	NPDWF	20	49	02.6	+35	23	37	12.8	PN		70	SWP	13706	H	L	0	155	00	81	102	15	18	G	81/312	E=87, B=40	
HBV	475	HW530	20	49	03.0	+35	23	00	12.8			57	LWR	10491	L	L	0	020	00	81	121	05	23	V	/	231	
HBV	475	HW530	20	49	03.0	+35	23	00	12.8			57	SWP	13858	H	L	0	109	00	81	121	05	58	V	/	021	
HBV	475	HW530	20	49	03.0	+35	23	00	12.8			57	SWP	13857	L	L	0	040	00	81	121	04	39	V	/	041	
HD	198667	NSDNT	20	49	30.0	-05	41	44	5.5	B9		25	SWP	14045	H	L	0	011	00	81	144	14	39	G	81/361	C=228, B=57	
HD	199280	NSDNT	20	53	41.3	-03	45	15	6.47	B9		22	SWP	14046	H	L	0	015	00	81	144	15	22	G	82/007	NO COMMENTS	
NGC	6960	NSDJR	20	55	14.3	+30	52	54	0.0			75	FES	1326	D	2	0	000	20	81	110	01	21	G	81/315	NO COMMENTS	
NGC	6960	NSDJR	20	55	17.4	+30	52	54	0.0			75	SWP	13764	L	L	0	140	00	81	110	23	26	G	81/320	E=100, B=41	
HD	199837	NSDJR	20	56	39.2	+31	27	10	7.2	EO.02	B8	III	25	SWP	13762	H	L	0	060	00	81	110	18	56	G	81/320	C=225, B=50
HD	199837	NSDJR	20	56	39.2	+31	27	10	7.2	EO.02	B8	III	25	LWR	10395	H	L	0	045	00	81	110	18	07	G	81/320	C=300, B=50
59	CYGN	BEDGP	20	58	07.3	+47	19	30	4.6	EO.16	B1	V	20	SWP	13754	L	L	0	000	03	81	109	21	09	G	81/326	C=250, B=25, TRLD
59	CYGN	BEDGP	20	58	07.3	+47	19	30	4.6	EO.16	B1	V	20	SWP	13753	H	L	0	001	19	81	109	19	59	G	81/326	C=220, B=35
59	CYGN	BEDGP	20	58	07.3	+47	19	30	4.6	EO.16	B1	V	20	LWR	10385	L	L	0	000	01	81	109	20	05	G	81/326	C=205, B=25
59	CYGN	BEDGP	20	58	07.3	+47	19	30	4.6	EO.16	B1	V	20	LWR	10386	L	L	0	000	03	81	109	20	59	G	81/326	C=210, B=28, TRLD
59	CYGN	BEDGP	20	58	07.3	+47	19	30	4.6	EO.16	B1	IV	20	SWP	13805	H	L	0	001	19	81	115	19	01	G	81/323	C=215, B=44
59	CYGN	BEDGP	20	58	07.3	+47	19	30	4.6	EO.16	B1	IV	20	SWP	13755	L	L	0	000	01	81	109	21	37	G	81/322	C=240, B=22
59	CYGN	BEDGP	20	58	07.3	+47	19	30	4.6	EO.16	B1	IV	20	SWP	13771	H	L	0	001	19	81	111	18	36	G	81/322	C=205, B=35
59	CYGN	BEDGP	20	58	07.3	+47	19	30	4.5	EO.16	B1	V	20	SWP	13723	H	L	0	001	19	81	106	00	06	G	81/314	C=225, B=35
59	CYGN	BEDGP	20	58	07.4	+47	19	30	4.55	EO.16	B1	IV	20	SWP	13744	H	L	0	001	19	81	108	01	00	G	81/315	C=205, B=35
ER	WUL	UK412	21	00	16.0	+27	36	00	7.3			53	LWR	10643	H	L	0	154	00	81	138	04	41	V	/	407	
ER	WUL	UK412	21	00	16.0	+27	36	00	7.3			53	LWR	10642	L	L	0	004	00	81	138	04	10	V	/	603	
ER	WUL	UK412	21	00	16.0	+27	36	00	7.3			53	LWR	10644	L	L	0	004	00	81	138	07	41	V	/	602	
HD	201626	CBDDL	21	07	48.3	+26	24	38	8.16	R5	III	50	SWP	13926	L	L	0	166	00	81	128	13	03	G	81/348	B=45	
GD	394	GV555	21	11	03.0	+49	54	00	13.1			37	LWR	10665	L	L	0	015	00	81	141	02	19	V	/	501	
GD	394	GV555	21	11	03.0	+49	54	00	13.1			37	SWP	14012	L	L	0	015	00	81	141	01	50	V	/	601	
GD	394	GV555	21	11	03.0	+49	54	00	13.1			37	LWR	10664	L	L	0	026	00	81	141	01	04	V	/	601	
GD	394	GV555	21	11	03.0	+49	54	00	13.1			37	SWP	14011	L	L	0	040	00	81	141	00	21	V	/	701	
A	76	MP348	21	27	30.0	-03	01	00	14.5			70	SWP	13766	L	L	0	200	00	81	111	06	25	V	/	211	
LDS	7498	UK405	21	29	47.0	+00	01	00	14.5			29	SWP	14127	L	L	0	323	00	81	151	01	16	V	/	502	
HD	LDS	7498	21	29	47.0	+00	01	00	14.5			29	LWR	10753	L	L	0	062	00	81	151	06	45	V	/	303	
HD	205372	CBDDJE	21	30	21.0	+70	36	07	7.1	AZ		30	LWR	10466	L	L	0	002	30	81	119	01	36	G	81/334	C=2.5X, B=22	
HD	205372	CBDDJE	21	30	21.0	+70	36	07	7.1	A2	V	30	SWP	13833	L	L	0	030	00	81	119	00	59	G	81/328	C=5-6X, B=22	
HD	205372	CBDDJE	21	30	21.0	+70	36	07	7.1	A2	V	30	LWR	10465	L	L	0	001	00	81	119	00	54	G	81/328	C=215, B=25	
HD	HU	1-2	21	31	07.0	+39	24	10		PN		70	SWP	13945	L	L	0	090	00	81	129	12	06	G	81/351	E=243, C=60, B=28	

IUE LOG SORTED BY RIGHT ASCENSION AND PROGRAM ID

PAGE 28

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NO	D S P	A P R	L A P	EXPOSE TIME		OBSERVATION DATE		ST ID	RELEASE DATE		OBSERVERS COMMENTS					
		HR	MN	SEC	DEG	MN	SC									MIN	SE	YR	DAY		HR	MIN		YR	DAY			
HD	G 206540	NSDNT	21	40	06.2	+10	35	44	6.09		B7	III	24	SWP	14023	H	L	L	0	008	00	81	142	14	13	G	82/011	C=200, B=44
	126-27	GV555	21	40	22.0	+20	47	00	13.2				43	SWP	14021	L	L	L	0	420	00	81	142	00	47	V		503
HD	206860	CCDMG	21	42	06.7	+14	32	37	6.0		G0	V	44	LWR	10277	L	L	S	0	000	30	81	093	14	55	G	81/301	C=160, B=22
HD	206860	CCDMG	21	42	06.7	+14	32	37	6.0		G0	V	44	LWR	10277	L	S	S	0	000	30	81	093	14	51	G	81/301	C=105, B=22
HD	206860	CCDMG	21	42	06.7	+14	32	37	6.0		G0	V	44	SWP	13648	L	L	L	0	110	00	81	093	15	01	G	81/301	B=3X, C=1.3X, B=32
HD	206860	CCDMG	21	42	06.7	+14	32	37	6.0		G0	V	44	SWP	13664	L	L	L	0	110	00	81	095	19	50	G	81/301	B=2X, C=2X, B=93
HD	206860	CCDMG	21	42	06.7	+14	32	37	6.0		G0	V	44	SWP	10292	L	L	L	0	000	45	81	095	19	45	G	81/301	C=200, B=25
HD	207198	IEDBS	21	43	31.0	+62	13	48	5.9	EO.60	O9	II	12	LWR	10660	L	L	S	0	000	29	81	140	19	43	G	81/361	C=255, B=30
HD	207198	IEDBS	21	43	31.0	+62	13	48	5.9	EO.60	O9	II	13	LWR	10660	L	L	S	0	000	07	81	140	19	40	G	81/361	C=215, B=30
HD	207198	IEDBS	21	43	31.0	+62	13	48	5.9	EO.60	O9	II	13	SWP	14008	L	L	L	0	000	19	81	140	19	47	G	81/358	C=165, B=18
HD	207198	IEDBS	21	43	31.0	+62	13	48	5.9	EO.60	O9	II	13	LWR	10661	L	L	S	0	000	30	81	140	20	19	G	82/013	C=215, B=30, TRAIL
HD	207198	IEDBS	21	43	31.0	+62	13	48	5.9	EO.60	O9	II	13	SWP	14008	L	L	S	0	001	00	81	140	19	51	G	81/358	C=235, B=18
HD	207757	CVDDL	21	48	36.7	+12	23	59	8.2	EO.12	H3	III	57	SWP	13957	H	H	L	0	015	00	81	130	23	18	G	81/357	B=18, B=20
HD	207757	CVDDL	21	48	36.7	+12	23	59	8.2	EO.12	H3	III	57	LWR	10571	H	H	L	0	014	00	81	130	23	33	G	81/357	C=70, B=30
BD	+28 4211	PHCAL	21	48	56.0	+28	37	35	10.5	EO.12	H3	III	16	LWR	10348	L	L	L	0	001	00	81	104	19	27	G	81/314	C=3X, B=26
BD	+28 4211	PHCAL	21	48	56.0	+28	37	35	10.5		00	SD	16	SWP	13717	L	L	S	0	000	78	81	105	03	17	G	81/312	C=2X, B=25
BD	+28 4211	PHCAL	21	48	56.0	+28	37	35	10.5		00	SD	16	LWR	10354	L	L	S	0	001	00	81	105	03	42	G	81/312	C=190, B=27
BD	+28 4211	PHCAL	21	48	56.0	+28	37	35	10.5		00	SD	16	SWP	13717	L	L	L	0	000	26	81	105	03	14	G	81/312	C=200, B=25
BD	+28 4211	PHCAL	21	48	56.0	+28	37	34	10.5	F-.02	00	SD	16	LWP	1322	L	L	L	0	003	20	81	141	17	48	G		C=220, B=85, TRAILED
BD	+28 4211	PHCAL	21	48	56.0	+28	37	35	10.5		00	SD	16	LWR	10348	L	L	S	0	003	00	81	104	19	23	G	81/314	C=130, B=26
BD	+28 4211	PHCAL	21	48	56.0	+28	37	34	10.5	F-.02	00	SD	16	LWP	1321	H	L	S	0	003	20	81	141	16	58	G		C=110, B=88, TRAILED
BD	+28 4211	PHCAL	21	48	56.0	+28	37	35	10.5		00	SD	16	SWP	13710	L	L	S	0	000	78	81	104	19	16	G	81/314	C=180, B=22
BD	+28 4211	PHCAL	21	48	56.0	+28	37	35	10.5		00	SD	16	SWP	13710	L	L	L	0	000	26	81	104	19	19	G	81/314	C=3X, B=22
BD	+28 4211	PHCAL	21	48	56.0	+28	37	35	10.5		00	SD	16	LWR	10354	L	L	S	0	003	00	81	105	03	45	G	81/312	C=2X, B=27
BD	+28 4211	PHCAL	21	48	56.0	+28	37	34	10.5	F-.02	00	SD	16	LWP	1323	L	L	L	0	004	40	81	141	18	35	G		C=1.4X, B=100, TRLD
BD	+28 4211	PHCAL	21	48	57.0	+28	37	34	10.5		00	SD	16	SWP	13768	L	L	L	0	000	25	81	111	12	28	G	81/322	C=190, B=18
BD	+28 4211	PHCAL	21	48	57.0	+28	37	34	10.5	S0	SD		16	LWR	10399	L	L	L	0	001	00	81	111	12	28	G	81/322	C=190, B=25
HD	208189	NSDNT	21	51	56.0	+12	30	51	6.66		B9		22	SWP	14024	H	L	L	0	027	00	81	142	14	54	G	82/011	C=220, B=93
HD	209100	CCDKH	21	59	48.0	-57	00	53	4.7		K4	V	46	SWP	13891	L	L	S	0	008	00	81	124	23	41	G	81/335	B=60, B=25
HD	209100	CCDKH	21	59	48.0	-57	00	53	4.7		K4	V	46	SWP	13891	L	L	L	0	024	00	81	124	23	10	G	81/335	B=219, B=25
HD	209100	CCDKH	21	59	48.0	-57	00	53	4.7		K4	V	46	LWR	10521	L	L	L	0	005	00	81	124	23	00	G	81/335	B=3-4X, C=3-4X, B=25
HD	209100	CCDKH	21	59	48.0	-57	00	53	4.7		K4	V	46	SWP	14035	L	L	L	0	015	00	81	143	17	31	G	81/361	B=136, B=29
HD	209100	CCDKH	21	59	48.0	-57	00	53	4.7		K4	V	46	LWR	10686	L	L	L	0	002	00	81	143	18	10	G	81/361	B=25
HD	209750	MGDDM	22	03	13.0	-00	33	00	2.93		G2	IB	45	LWR	10443	H	L	L	0	014	00	81	115	20	48	G	81/326	B=132, C=115, B=57
HD	209750	MGDDM	22	03	13.0	-00	33	00	2.9		G2	IB	44	LWR	10658	H	L	L	0	020	00	81	139	23	29	G	81/361	B=255, C=1.5X, B=37
HD	H 209750	MGDDM	22	03	13.0	-00	33	00	2.9		G2	IB	45	LWR	10496	H	L	L	0	014	00	81	121	20	03	G	81/329	B=270, C=255, B=33
HD	210839	UK410	22	09	48.0	+59	10	00	5.2				13	LWR	10499	H	H	L	0	002	05	81	122	00	39	V		302
HD	210839	UK410	22	09	48.0	+59	10	00	5.2				13	SWP	13863	H	H	L	0	010	30	81	122	00	43	V		600
HD	211853	WRDPH	22	16	54.6	+55	52	30	9.2		WW		11	SWP	14140	H	L	L	0	078	00	81	151	22	31	G	82/003	B=98, C=78, B=40
HD	211853	WRDPH	22	16	54.6	+55	52	32	9.2		WW		11	SWP	14128	L	L	L	0	003	29	81	151	08	26	G	82/003	B=120, C=95, B=25

OBJECT ID	PROG ID	TARGET RA			TARGET DEC			VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	D A S P R	L A P P	EXPOSE TIME			OBSERVATION DATE			ST ID	RELEAS DATE		OBSERVERS COMMENTS	
		HR	MN	SEC	DEG	MN	SC								MIN	SE	YR	DAY	HR	MN		YR	DAY		
HD	211853	WRDPM	22	16	54.6	+55	52	30	9.2	WN6	11	LWR	10754	L	L	0	001	44	81	151	08	57	G	82/003	E=160,C=140,B=28
HD	211853	WRDPM	22	16	54.6	+55	52	30	9.2	WN	11	SWP	14139	L	L	0	003	29	81	151	22	00	G	82/003	E=154,C=100,B=25
HD	211853	WRDPM	22	16	54.6	+55	52	30	9.2	WN6	11	SWP	14134	L	L	0	003	29	81	151	16	29	G	82/003	E=170,C=100,B=30
HD	211853	WRDPM	22	16	54.6	+55	52	30	9.2	WN6	11	SWP	14113	L	L	0	003	29	81	149	22	09	G	81/363	E=142,C=100,B=20
HD	211853	WRDPM	22	16	54.6	+55	52	30	9.2	WN6	11	SWP	14129	H	L	0	210	00	81	151	09	03	G	82/003	C=150,B=56
HD	211853	WRDPM	22	16	54.6	+55	52	30	9.2	WN6	11	LWR	10746	L	L	0	001	44	81	149	22	04	G	81/363	C=135,B=25
HD	211853	WRDPM	22	16	54.6	+55	52	30	9.2	WN6	11	SWP	14139	L	L	0	160	00	81	149	21	52	G	81/355	NO COMMENTS
H	211924	UK414	22	17	56.0	+05	32	00	5.4		21	LWR	10546	H	L	0	004	00	81	128	07	36	V	/	502
HD	213027	NSDNT	22	25	52.1	+24	32	11	6.71	B9	22	SWP	14017	H	L	0	015	00	81	141	15	24	G	81/351	C=181,B=81
HD	214419	WRDPM	22	34	56.8	+56	38	46	8.9	WN	11	SWP	14130	L	S	0	004	00	81	151	13	12	G	82/003	E=136,C=70,B=26
HD	214419	WRDPM	22	34	56.8	+56	38	46	8.9	WN7	11	SWP	14130	L	L	0	006	00	81	151	13	02	G	82/003	E=136,C=140,B=26
H	214419	UK458	22	34	57.0	+56	38	00	8.9		11	LWR	10618	H	L	0	140	00	81	135	01	28	V	/	446
H	214419	UK458	22	34	57.0	+56	39	00	8.9		11	SWP	13966	H	L	0	196	00	81	133	03	08	V	/	342
H	214419	UK458	22	34	57.0	+56	38	00	8.9		11	SWP	13972	H	L	0	234	00	81	135	03	53	V	/	341
H	214419	UK458	22	34	57.0	+56	38	00	8.9		11	SWP	13971	L	L	0	005	00	81	135	00	56	V	/	451
H	214419	UK458	22	34	57.0	+56	38	00	8.9		11	LWR	10617	L	L	0	002	00	81	135	00	50	V	/	552
HD	2251-178	CBDJE	22	51	22.5	+37	40	19	8.5	G3	44	SWP	13827	L	L	0	180	00	81	118	10	48	G	81/326	E=72,C=69,B=42
Q	2251-178	GHDDY	22	51	25.9	-17	50	54	14	B0	85	SWP	13707	L	S	0	135	00	81	102	19	05	G	81/308	E=45,C=82,B=82
N	7469	AE556	23	00	45.0	+08	36	00	13.4	B0	85	LWR	10346	L	L	0	120	00	81	102	21	28	G	81/308	E=158,C=140,B=43
N	7469	AE556	23	00	45.0	+08	36	00	13.4		84	SWP	14095	L	L	0	139	00	81	148	05	28	V	/	351
N	7469	AE556	23	00	45.0	+08	36	00	13.4		84	LWR	10733	L	L	0	090	00	81	148	03	55	V	/	464
N	7469	AE556	23	00	45.0	+08	36	00	13.4		84	SWP	14094	L	L	0	100	00	81	148	02	08	V	/	351
HD	218356	MGDDM	23	04	40.0	+25	12	00	4.7	K0	46	LWR	10732	L	L	0	060	00	81	148	01	04	V	/	452
HD	218356	MGDDM	23	04	40.0	+25	12	00	4.8	K0	47	LWR	10657	H	L	0	018	00	81	139	22	40	G	81/361	E=75,B=40
H	220657	CZ502	23	22	53.0	+23	08	00	4.4		41	SWP	14001	L	L	0	035	00	81	140	03	56	V	/	741
Z	220657	CZ502	23	22	53.0	+23	08	00	4.4		41	SWP	14001	L	S	0	006	00	81	140	04	44	V	/	001
Z	223552	AA545	23	31	15.0	+48	32	00	10.3		57	SWP	13796	H	L	0	024	00	81	114	09	22	V	/	032
Z	223552	AA545	23	31	15.0	+48	32	00	10.3		57	LWR	10428	L	L	0	020	00	81	114	08	53	V	/	452
H	223552	CZ502	23	47	53.0	+51	20	00	6.4		41	SWP	14002	L	L	0	078	00	81	140	05	36	V	/	801
H	223552	CZ502	23	47	53.0	+51	20	00	6.4		41	SWP	14003	L	L	0	017	00	81	140	07	29	V	/	651
HD	223987	NSDJR	23	51	43.2	+61	19	40	7.5	B1	23	SWP	13763	H	L	0	070	00	81	110	21	19	G	81/320	E=122,C=78,B=32