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-November 30, 1980. Observing information for all earlier images have been recorded on microfiche as found in IUE Newsletter #10.

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. The page format has changed somewhat from earlier versions in order to incorporate spectral types and luminosity classes (which are available only for NASA images). 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 #11.

T. B. Ake

IUE OBSERVATORY LOG

MERGED LOG OF VILSPA AND GSFC OBSERVATION

APRIL 1, 1980 THROUGH NOVEMBER 30, 1980

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

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

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

DISP HIGH (H) OR LOW (L) DISPERSION

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

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

EXPOSURE TIME: MINUTES AND SECONDS

EXPOSURE START TIME: GMT

IMAGE SEQUENCE NUMBER: CAMERA USED, PLUS A SEQUENTIAL NUMBER

SWR	SHORT WAVELENGTH REDUNDANT CAMERA
LWR	LONG WAVELENGTH REDUNDANT CAMERA
SWP	SHORT WAVELENGTH PRIME CAMERA
LWR	LONG WAVELENGTH PRIME CAMERA
FES	FINE ERROR SENSOR - STAR FIELD IMAGES

FOR FES IMAGES, COLUMN 8(DISP) INDICATES FIELD SIZE:

D - DEFAULT (10 ARCMIN SQUARE);

F - (FULL FIELD, 16 ARCMIN CIRCULAR);

P - (POSTAGE, OPTIONAL SIZE);

S - (SPECIAL).

COLUMN 10 (OBJECT APERTURE) INDICATES THE FES UNIT USED. CURRENTLY ONLY UNIT 2 IS AUTHORIZED FOR ROUTINE USE.

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 OVER - 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	AE	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	F0-F2	73	REFLECTION NEBULA
07	INTERPLANETARY MEDIUM	41	F3-F9	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	B 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	59	X-RAY	92	
26	BE	60	SHELL STAR	94	
27	BP	61	ETA CARINAE	95	
28	SDB	62	PULSAR	96	
29	WDB	63	NOVA-LIKE	97	
30	A0-A3 V-IV	64	OTHER	98	WAVELENGTH CALIBRATION LAMP
31	A4-A9 V-IV	65	UNKNOWN	99	NULLS AND FLAT FIELDS
32	A0-A3 III-I	66			
33	A4-A9 III-I				

THIRD EPISODE SRC/ESA APPROVED PROGRAMS

UK301 'INTERSTELLAR ABSORPTION LINES IN THE SPECTRUM OF HD200775' G.A.H. WALKER - BR COLUMBIA

UK302 'ULTRAVIOLET OBSERVATIONS OF EXTRAGALACTIC H II REGIONS' R.F. CARSWELL - CAMBRIDGE

UK303 'MOLECULES IN CELESTIAL OBJECTS' S.P. TARAFDAR - TATA INSTITUTE

UK304 'UV SPECTRA OF ACTIVE GALAXIES NEWLY DISCOVERED AS X-RAY SOURCES' M.J. WARD - CAMBRIDGE

UK305 'ABSORPTION MEASURES OF GALACTIC HALO GAS' D. C. MORTON - ANGLO AUSTRAILIAN OBSERVATORY

UK306 'RADIO STARS' D. J. STICKLAND - ROYAL GREENWICH OBSERVATORY

UK307 'ANOMALOUS WOLF-RAYET STARS' D. J. STICKLAND - ROYAL GREENWICH OBSERVATORY

UK308 'UV OBSERVATIONS OF THE WHITE DWARF 2A 0311-227' M. COE - SOUTHAMPTON

UK309 'HIGH-RESOLUTION OBSERVATIONS OF THE HOT SUBDWARF IN THE ECLIPSING BINARY' M. DWORETSKY - UNIV. COLLEGE LONDON

UK310 'UV OBSERVATIONS OF PECULIAR A AND B STARS' M. DWORETSKY - UNIVERSITY COLLEGE LONDON

UK311 'OBSERVATIONS OF THE VARIABLE SOURCE 3C120' R. CARSWELL - CAMBRIDGE

UK313 'NOVA-LIKE VARIABLES, DISK STARS' G. T. BATH - OXFORD

UK314 'DWARF NOVAE' J.E. PRINGLE - CAMBRIDGE

UK315 'W UMA CONTACT BINARIES' J.A.J. WHELAN - CAMBRIDGE

UK316 'INVESTIGATION OF CHROMOSPHERIC EMISSION IN THE SHORT-PERIOD SUBGROUP OF RS CVN STARS' E. BUDDING - MANCHESTER

UK317 'CORONAS AND CHROMOSPHERES IN W UMA STARS' O. VILHU - FINLAND

UK319 'OBSERVATIONS OF SELECTED PLANETARY NEBULAE' M. J. SEATON - UNIVERSITY COLLEGE LONDON

UK320 'UV SPECTROSCOPY OF THE NUCLEI OF HOT-SPOT AND RELATED GALAXIES' D. J. AXON - SUSSEX

UK321 'UV SPECTROSCOPY OF VV PUPPIS AND 2A 0311-227' D. WICKRAMASINGHE - ROYAL OBSERVATORY EDINBURGH

UK322 'ABUNDANCE PECULIARITIES IN WHITE DWARFS' D. T. WICKRAMASINGHE - ROYAL OBSERVATORY EDINBURGH

UK323 'INTERSTELLAR EXTINCTION IN THE PERSEUS ARM' D.H. MORGAN - ROYAL OBSERVATORY EDINBURGH

UK324 'K-CORRECTIONS AND STELLAR POPULATION ANALYSES FOR NORMAL GALAXIES OF VARIOUS MORPHOLOGICAL TYPES' ELLIS - DURHAM

UK326 'MASS LOSS FROM HOT SUBDWARFS' R. WILSON - UNIVERSITY COLLEGE LONDON

UK327 'AN INVESTIGATION OF X-RAY BINARY SOURCES' R. WILSON - UNIVERSITY COLLEGE LONDON

UK330 'A STUDY OF THE UV SPECTRA OF QUASARS' R. WILSON - UNIVERSITY COLLEGE LONDON

UK331 'AN INVESTIGATION OF STARS INTERMEDIATELY EVOLVED BETWEEN OF AND WR' A. WILLIS - UNIVERSITY COLLEGE LONDON

UK332 'AN INVESTIGATION OF WOLF-RAYET STARS IN THE MAGELLANIC CLOUDS' A. WILLIS - UNIVERSITY COLLEGE LONDON

UK333 'A STUDY OF MAIN-SEQUENCE STARS IN THE LMC' K. WANDY - ROYAL OBSERVATORY EDINBURGH

UK335 'INTERSTELLAR EXTINCTION AND A STUDY OF EARLY-TYPE SUPERGIANTS IN THE LMC' WANDY - ROYAL OBSERVATORY EDINBURGH

UK336 'MONITORING OF THE CONTINUUM AND THE LINE STREGTHS OF SEYFERT GALAXY NGC 4151' BOKSENBERG - UNIV. COLLEGE LONDON

UK337 'HIGH VELOCITIES IN THE WIND-DRIVEN NEBULA NGC 6302' J. MEABURN - MANCHESTER

UK339 'INTERSTELLAR EXTINCTION AND ABUNDANCES IN CANIS MAJORIS R1' D. MCNALLY - UNIVERSITY COLLEGE LONDON

UK340 'INTERSTELLAR EXTINCTION IN SOUTHERN DARK CLOUDS' W. SOMERVILLE - UNIVERSITY COLLEGE LONDON

UK341 'INTERSTELLAR ATOMIC ABUNDANCES IN THE SOUTHERN MILKY WAY' W. SOMERVILLE - UNIVERSITY COLLEGE LONDON

UK342 'OBSERVATIONS OF INTERSTELLAR CO' D. MCNALLY - UNIVERSITY COLLEGE LONDON

UK343 'THE UV SPECTRUM OF SELECTED HEREIG-HARO OBJECTS' D. AXON - SUSSEX

UK344 'UV SPECTRA OF OBJECTS STUDIED AT IR WAVELENGTHS' M. BARLOW - UNIVERSITY COLLEGE LONDON

UK345 'UV. SPECTROPHOTOMETRY OF MAGELLANIC CLOUD PLANETARY NEBULAE' M. BARLOW - UNIVERSITY COLLEGE LONDON

UK346 'A STUDY OF ULTRA-HIGH-EXCITATION O VI STARS' M. BARLOW - UNIVERSITY COLLEGE LONDON

UK347 'EVOLUTION AND ULTRAVIOLET VARIABILITY OF EXTREME HELIUM STARS' P.W. HILL - SAINT ANDREWS

UK348 'OBSERVATIONS ON H II REGIONS IN THE NEARBY SPIRAL AND IRREGULAR GALAXIES' P. GONDHALEKAR - VILSPA

UK350 'A STUDY OF INTERSTELLAR GAS ASSOCIATED WITH SUPERNOVA REMNANTS' P. GONDHALEKAR - VILSPA

UK352 'HIGH-VELOCITY EARLY-TYPE STARS' D. KILKENNY - ST. ANDREWS

UK353 'COLLABORATIVE MONITORING OF A BY DRACONIS FLARE STAR' A. ANDREWS - ARMAGH

UK354 'UV SPECTROSOCOPY OF THE VELA SUPERNOVA REMNANT' R. WOOD - ROYAL GREENWICH OBSERVATORY

UK355 'UV SPECTROSCOPY OF FLARE/SPOTTY STARS' P. BYRNE - ARMAGH

UK356 'STUDIES OF STELLAR CHROMSOPHERES AND CORONAE' C. JORDAN - OXFORD

UK357 'ULTRAVIOLET STUDIES OF PRE-MAIN-SEQUENCE STARS' C. JORDAN - OXFORD

UK358 'UV OBSERVATIONS OF EXTENDED ENVELOPES SURROUNDING DQHER AND GK PER' G. FERLAND - CAMBRIDGE

UK359 'IUE OBSERVATIONS OF SOLAR-SYSTEM OBJECTS' G. HUNT - UNIVERSITY COLLEGE LONDON

UK361 'A LARGE-SCALE SURVEY OF INTERSTELLAR ABSORPTION IN THE HALO OF OUR GALAXY' A. BOKSENBERG - UNIV. COLLEGE LONDON

UK362 'MASS LOSS AND ATMOSPHERIC STRUCTURE OF HIGHLY LUMINOUS STARS' A. BOKSENBERG - UNIVERSITY COLLEGE LONDON

UK363 'OBSERVATIONS OF NOVA CYGNI 1978 IN THE FINAL NEBULAR STAGE' D. STICKLAND - ROYAL GREENWICH OBSERVATORY

UK364 'VARIABILITY IN BE-TYPE STARS' A. BOKSENBERG - UNIVERSITY COLLEGE LONDON

UK365 'FURTHER LONG OBSERVATIONS OF EXTRAGALACTIC OBJECTS WITH IUE' A. BOKSENBERG - UNIVERSITY COLLEGE LONDON

UK366 'ULTRAVIOLET OBSERVATIONS OF XX CAM AND SU TAU' K. NANDY - ROYAL OBSERVATORY EDINBURGH

UK367 'STUDIES OF INTERSTELLAR GAS AND DUST IN THE PLANE OF THE GALAXY' A. BOCKSENBERG - UNIVERSITY COLLEGE LONDON

UK368 'THE INTERACTION OF SUPERNOVA REMNANTS WITH THE CLOUDY INTERSTELLAR MEDIUM' A. BOKSENBERG - UNIV. COLLEGE LONDON

UK369 'THE EXTENT OF A GASEOUS GALACTIC HALO' A. BOKSENBERG - UNIVERSITY COLLEGE LONDON

UK370 'EXTRAGALACTIC ASTRONOMY' A BOKSENBERG - UNIVERSITY COLLEGE LONDON

UK371 'HIGH-RESOLUTION SPECTROSCOPY OF ULTRAVIOLET-BRIGHT GALAXIES' K. NORTHOBER - LOGICA

UK372 'THE ECLIPSING BINARY STAR CQ CEPHEI' D. STICKLAND - ROYAL GREENWICH OBSERVATORY

UK373 'VARIABILITY IN WOLF-RAYET STARS' D. STICKLAND - ROYAL GREENWICH OBSERVATORY

UK374 'FURTHER OBSERVATIONS OF MARKARIAN 59' W. BURTON - ASTROPHYSICS RESEARCH DIVISION OF THE APPLETON LABORATORY

UK375 'STELLAR FLARES IN RED DWARFS AND BINARIES' G. BROMAGE - ASTROPHYSICS RESEARCH DIVISION OF APPLETON LAB.

UK376 'ULTRAVIOLET OBSERVATIONS OF EXTRAGALACTIC OBJECTS WITH COSMOLOGICAL RELEVANCE' M. LONGAIR - CAMBRIDGE

UK381 'STUDIES OF THE INTERSTELLAR GAS AND MASS LOSS FROM SUPERGIANT STARS' B. BATES - BELFAST

PV301 'LOOKING FOR DWARF SEYFERT 1 NUCLEI' P. VERON - MEUDEON

HS302 'UV SPECTROSCOPY OF VERY BRIGHT SUSPECTED BL LAC OBJECTS' H. SCHLEICHER - GOTTINGEN

JP303 'IUE OBSERVATIONS OF X-RAY BURSTERS' JA VAN PARADIJS - AMSTERDAM

LB304 'COLLIDING STELLAR WINDS IN THE ORION TRAPEZIUM' L. BIANCHI - VILSPA

MH305 'PECULIAR BINARIES' M. HACK - TRIESTE

RS306 'HIGH-LUMINOSITY BLUE HALO STARS' R. STALIO - TRIESTE

AG307 'UV OPACITIES OF SOLAR-TYPE STARS' A. GREVE - BONN

GV308 'UV STUDY OF TWO NEW EMISSION-LINE GALAXIES: UGC 3829 AND NGC 1106' G. VETTOLANI - BOLOGNA

GH309 'IUE OBSERVATIONS OF X-RAY BINARIES' G. HAMMERSCHLAG - AMSTERDAM

AG310 'SUPERNOVA REMNANTS IN THE LMC AND SMC' A. GREVE - BONN

BW311 'HIGH-RESOLUTION UV SPECTROSCOPY OF THE S DOR TYPE STAR HDE 269006 OF THE LMC' B. WOLF - HEIDELBERG

CB312 'UV SPECTROSCOPY OF T TAURI AND YY ORIONIS STAR' C. BERTOUT - HEIDELBERG

NP314 'UV OBSERVATIONS OF SUPERNOVAE' N. PANAGIA - BOLOGNA

NP315 'UV SPECTRUM OF THE NUCLEUS OF M100=NGC 4321' N. PANAGIA - BOLOGNA

MF316 'UV OBSERVATIONS OF DELTA SCUTI VARIABLES' M. FRACASSINI - MILANO

KS317 'EXTINCTION LAW IN SELECTED SOUTHERN DUST CLOUDS' K. SEIDENSTICKER - BOCHUM

BB318 'HIGH-RESOLUTION SPECTROSCOPY OF BLUE HALO STARS' B. BASCHEK - HEIDELBERG

RW319 'A STUDY OF CIV 1550 LINE PROFILES IN PLANETARY NEBULAE' R. WEHRSE - HEIDELBERG

MC320 'UV OBSERVATIONS OF GIANT PLANETS AND THEIR SATELLITES' M. COMBES - MEUDON

MR321 'CHROMOSPHERIC ACTIVITY IN DWARF STARS' M. REGO - MADRID

WS322 'DWARF NOVAE - A KEY TO CATACLYSMIC VARIABLE?' WC SEITTER - MUENSTER

PP323 'STUDY OF THE TRANSITION ZONE IN LATE A-TYPE STARS' F. PRADERIE - MEUDON

PB324 'MEASUREMENT OF THE DUST ALBEDO IN THE 2200 ANGSTROM REGION' P. BENVENUTI - VILSPA

JH325 'OBSERVATION OF CLUMPY IRREGULAR GALAXIES' J. HEIDMANN - MEUDON

JA326 'STUDIES OF NOVAE' J. AUDOUZE - PARIS

LB327 'THE BINARY SYSTEM X PERSEI' L. BIANCHI - VILSPA

HM328 'SILICON AUTOIONIZATION FEATURES AND SPECTRAL VARIABILITY IN AP STARS' H. MAITZEN - VIENNA

BF329 'UV OBSERVATIONS OF THE UPPER ATMOSPHERE NAD NEAR EARTH ENVIRONMENT' B. FITTON - ESTEC

MU330 'SIMULTANEOUS UV, OPTICAL AND X-RAY OBSERVATIONS OF ACTIVE NUCLEI: A STUDY OF NON-STELLAR RADIATION' M. ULRICH - ESO

CI331 'MASS LOSS AND VARIABILITY OF THE HOT COMPONENTS OF BE-X RAY BINARIES' C. DE LOORE - BRUSSELS

FG332 'UV SPECTRA OF HDE 245770/A0535+26' F. GIOVANNELLI - FRASCATI

CL333 'COMPARISON OF THE MASS-LOSS RATE OF MASSIVE CLOSE BINARIES WITH THAT OF SINGLE STARS' C. DE LOORE - BRUSSELS

HM334 'MASS EXCHANGE IN CONTACT BINARIES' H. MAUDER - TUBINGEN

HZ335 'LOW-DISPERSION OBSERVATIONS OF ABSOLUTELY VERY BRIGHT SUPERGIANTS OF INTERMEDIATE SPECTRAL CLASS (F,G)' H. ZELK - HEIDELBERG

RF336 'AP AND AM STARS' R. FARAGGIANA - TRIESTE

JK337 'SPECTROSCOPIC UV OBSERVATIONS OF CATACLYSMIC VARIABLES AT MINIMUM STAGE' J. KRAUTTER - HEIDELBERG

MG338 'ULTRAVIOLET OBSERVATIONS OF BP, AP STARS AT HIGH GALACTIC LATITUDE' M. GERIBALDI - PARIS

MG339 'ULTRAVIOLET OBSERVATIONS OF BLUE STRAGGLERS STARS IN OPEN CLUSTERS' M. GERIBALDI - PARIS

MG340 'INTERSTELLAR ABSORPTION AND EMISSION LINES FROM ATOMS AND MOLECULES' M. GREWING - TUBINGEN

MG341 'SEARCH FOR LYMAN-ALPHA RESONANCE-LINE SCATTERING IN THE NEARBY LATE-TYPE STARS' M. GREWING - TUBINGEN

CJ342 'OBSERVATION OF THE DYNAMICAL STATE OF THE OUTER ATMOSPHERES OF BETA CEPHEI STARS' C. DE JAGER - UTRECHT

ET343 'OBSERVATIONS OF X-RAY EMITTING CATACLYSMIC VARIABLES' E.G. TANZI - MILANO

LM344 'OBSERVATION OF X-RAY EMITTING QSOS AND BL LAC OBJECTS' L. MARASCHI - MILANO

MP345 'ULTRAVIOLET OBSERVATION OF CANDIDATE CARBON-RICH PLANETARY NEBULAE' M. PERINOTTO - FLORENCE

GV346 'CHEMICAL COMPOSITION AND DIFFUSION IN HOT HIGH-GRAVITY STARS' G. VAUCLAIR - MEUDON

PC347 'ENERGY DISTRIBUTION IN THE ULTRAVIOLET OF NORMAL GIANT ELLIPTICAL GALAXIES' P. CRANE - ESO

MP348 'IUE OBSERVATIONS OF PLANETARY NEBULAE PREDICTED TO HAVE THE HIGHEST CARBON ABUNDANCES' M. PERINOTTO - FLORENCE

AH349 'SPECTRAL CLASSIFICATION IN THE UV/AP STAR CLASSIFICATION CRITERIA' A. HECK - VILSPA

WE350 'CLASSICAL CEPHEIDS' W. EICHENDORF - BOCHUM

AH351 'ULTRAVIOLET OBSERVATIONS OF COOL WOLF-RAYET STARS' A. HECK - VILSPA

AH352 'ULTRAVIOLET OBSERVATIONS OF THE YOUNG EVOLVING PLANETARY NEBULA HD 138403' A. HECK - VILSPA

HN353 'PROTO PLANETARY NEBULAE' H. NUSSBAUMER - ZURICH

GG354 'ULTRAVIOLET CONTINUUM STUDY OF BL LACERTAE OBJECTS' - G. GAIDA - HEIDELBERG

MR355 'UV SPECTRA OF GIANT EXTRAGALACTIC HII REGIONS' M. ROSA - HEIDELBERG

JF356 'OBSERVATIONS OF THE CENTRAL PART OF THE 30 DORADUS NEBULA' J. FEITZINGER - BOCHUM

CS357 'STUDY OF CHROMOSPHERES IN CEPHEID VARIABLES' C. SOLLAZZO - NAPOLI

JB358 'UV-OPTICAL SPECTROPHOTOMETRY OF INTERMEDIATE REDSHIFT QUASARS' J. BERGERON - ESO

JB359 'SPECTROPHOTOMETRY OF NARROW-LINE ACTIVE NUCLEI WITH X-RAY EMISSION AND HIGH-EXCITATION LINES' J. BERGERON - ES O

DK360 'ULTRAVIOLET OBSERVATIONS OF LOW-REDSHIFT RADIO QUIET QSOS' D. KUNTH - ESO

PT361 'UV SPECTRA OF THE PRE-MAIN SEQUENCE SHELL STAR HR5999' PS. THE - AMSTERDAM

JK362 'HIGH-DISPERSION OBSERVATIONS OF PLANETARY NEBULAE' J. KOPPEN - HEIDELBERG

JD363 'UV OBSERVATIONS OF EXCITING STAR CLUSTERS OF EXTRAGALACTIC HII REGIONS' J. DEHARVENG - MARSEILLE

FP364 'EMISSION, MASS LOSS AND CHROMOSPHERES IN HERBIG AE STARS' F. PRADERIE - MEUDON

GG365 'EXPLORATION OF THE ULTRAVIOLET SPECTRUM OF T TAURI STARS' G. GAHM - STOCKHOLM

JB366 'ULTRAVIOLET OBSERVATIONS OF X-RAY SOURCES IN THE MAGELLANIC CLOUDS WITH IUE' J. BONNET-BIAUD - GIF-YVETTE

KF367 'STELLAR MG II LINES' K. FREDGA - STOCKHOLM

MC368 'CONTINUUM ENERGY DISTRIBUTION IN THE DISK OF NGC 4762' M. CAPACCIOLI - PADOVA

CL369 'THE EXTENT OF A GASEOUS GALACTIC HALO' C. LAURENT - VERRIERES-BUISSON

DR370 'MASS-LOSS OF K AND G SUPERGIANTS/RED GIANTS WITH VARIABLE CIRCUMSTELLAR LINES' D. REIMERS - KIEL

LP371 'A FAR UV STUDY OF INTERSTELLAR MATTER IN THE SMALL MAGELLANIC CLOUD' L. PREVOT - MARSEILLE

JP372 'ELEMENTAL DEPLETION IN THE CORE AND THE FRINGE OF THE RHO OPHIUCHI CLOUD COMPLEX' J. PAUL - SACLAY

MU373 'MONITORING OF THE CONTINUUM AND LINE STRENGTHS OF SEYFERT GALAXY NGC 4151' M. ULRICH - ESO

SP374 'THE NEBULAR CONTINUUM FROM PLANETARY NEBULAE' S. POTTASCH - GRONINGEN

VD375 'VARIABLE MASS LOSS IN BE STARS' V. DOAZAN - PARIS

CB376 'BLUE DWARF GALAXIES' C. BARBIERI - PADOVA

KH377 'ULTRAVIOLET SPECTROSCOPY OF EXTREME HELIUM STARS' K. HUNGER - KIEL

BW378 'DUST AND GAS CONTENT OF THE REGION OF THE PUPPIS OB 3 ASSOCIATION' B. WESTERLUND - UPPSALA

MR379 'SOLAR-TYPE STELLAR ACTIVITY IN BY DRA FLARE' M. RODONO - CATANIA

SC380 'SELECTED RS CVN BINARIES' S. CATALANO - CATANIA

MR381 'COLLABORATIVE MONITORING OF BY DRA-TYPE FLARE STAR' M. RODONO - CATANIA

SP382 'HIGH-RESOLUTION OBSERVATIONS OF PLANETARY NEBULAE' S. POTTASCH - GRONINGEN

RK383 'NON-LTE ANALYSIS OF NITORGEN-RICH MAIN-SEQUENCE O STARS' R. KUDRITZKI - KIEL

MT384 'UV OBSERVATIONS OF DOUBLE ACTIVE GALAXIES' M. TARENGHI - ESO

RK385 'NON-LTE ANALYSIS OF SUBDWARF O STARS' R. KUDRITZKI - KIEL

VW386 'ULTRAVIOLET SPECTROSCOPY OF WHITE DWARFS' V. WEIDEMANN - KIEL

JD387 'MASS LOSS IN HOT SUBDWARFS' J. DARIOS - VILSPA

DG388 'UV OBSERVATIONS OF HII REGIONS AND REFLECTION NEBULAE' D. GILRA - GRONINGEN

DG389 'UV OBSERVATIONS OF THE HOT COMPANIONS OF LATE-TYPE STARS' D. GILRA - GRONINGEN

SP390 'THE PECULIAR SLOW NOVA HD 87643' S. POTTASCH - GRONINGEN

SP391 'INTERSTELLAR LINE MEASUREMENTS OF HIGH-VELOCITY CLOUDS' S. POTTASCH - GRONINGEN

CC392 'OBSERVATIONS OF INTERACTING GALAXIES' C. CASSINI - MILANO

SD393 'ACTIVE NUCLEI OF SPIRAL GALAXIES' S. D'ODORICO - PADOVA

PB394 'MASS LOSS FROM O STARS IN THE MAGELLANIC CLOUDS' P. BENVENUTI - VILSPA

JC395 'A SEARCH FOR CO ABSORPTION LINES IN THE SPECTRA OF PLANETARY NEBULAE WITH THE IUE' J. CLAVEL - VILSPA

JC396 'IUE OBSERVATIONS OF SEYFERT GALAXIES AND LOW REDSHIFT QUASARS' J. CLAVEL - VILSPA

MP397 'OBSERVATION OF SEYFERT TYPE 2 GALAXIES' M. PENSTON - VILSPA

MP398 'LONG-EXPOSURE OBSERVATIONS OF EXTRAGALATIC OBJECTS WITH IUE' M. PENSTON - VILSPA

MK399 'SPECTROSCOPY OF THE BE STAR GG CARINAE' M. KLUTZ - LIEGE

AT400 'OBSERVATION OF THE X-RAY SOURCE CYG X-2' A. TREVES - MILANO

CE401 'STELLAR CHROMOSPHERES' C. BLANCO - CATANIA

FS402 'CHECK OF MODELS OF POPULATION II STARS' F. SPITE - MEUDON

JR403 'STUDY OF MASS FLOW IN CLOSE BINARY SYSTEMS' J. RAHE - BAMBERG

PR404 'UV SPECTROSCOPY OF LATE-TYPE STARS COVERING A WIDE RANGE IN THE 3 BASIC ATMOSPHERIC PARAMETERS' P. RASMUSSEN - COPENHAGEN

HN405 'UV SPECTRA OF NORMAL ELLIPTICAL GALAXIES AND GLOBULAR CLUSTERS' H. NORGAARD-NIELSEN - COPENHAGEN

HR406 'ULTRAVIOLET OBSERVATIONS OF SHOCK-IONIZED GAS' H. RITTER ' GARCHING

SD407 'ULTRAVIOLET OBSERVATONS OF SHOCK-IONIZED GAS' S. D'ODORICO - PADOVA

PR408 'IUE OBSERVATIONS OF U GEM STARS' P. RAFANELLI - PADOVA

FQ409 'CARBON STARS SEQUENCE: R TC N STARS' F. QUECI - MEUDON

AA410 'PROPOSAL FOR IUE OBSERVATIONS OF SYMBIOTIC STARS DURING MINIMUM' A. ALTAMORE - ROMA

VC411 'INTEGRATED SPECTRA OF GLOBULAR CLUSTERS' V. CALOI - FRASCATI

MF412 'SYMBIOTIC AND RELATED OBJECTS DURING ACTIVITY PHASES' M. FRIEDJUNG - PARIS

RV413 'IUE OBSERVATION OF THE ETA CARINAE REGION' R. VIOTTI - FRASCATI

AC414 'UV OBSERVATIONS OF R CRB STARS' A. CASSATELLA - VILSPA

MF415 'ULTRAVIOLET STUDIES OF PECULIAR EMISSION-LINE SUPERGIANT STARS OF THE MAGELLANIC CLOUDS' M. FRIEDJUNG - PARIS

HK416 'ULTRAVIOLET OBSERVATION OF COMETS' H. KELLER - LINDAU

JD417 'ULTRAVIOLET OBJECTS OF ANOMALOUSLY LATE SPECTRAL TYPE' J. DARIUS - VILSPA

FB418 'UV CONTINUUM ENERGY DISTRIBUTION IN THE NUCLEAR REGION OF DWARF ELLIPTICAL GALAXIES' F. BERTOLA - PADOVA

HS419 'INTERMEDIATE EMISSION LINE GALAXIES' H. SCHEICHER - GOTTIGEN

DG420 'HII REGIONS IN THE MAGELLANIC CLOUDS' D. GILRA - GRONINGEN

FB421 'UV CONTINUUM ENERGY DISTRIBUTION IN THE NUCLEI OF GIANT ELLIPTICAL GALAXIES'F. BERTOLA - PADOVA

KH422 'VARIABILITY IN WOLF-RAYET STARS' K. VAN DER HUCHT - UTRECHT

THIRD EPISODE NASA APPROVED PROGRAMS

SCCMA 'ULTRAVIOLET COMETARY SPECTROPHOTOMETRY' M.A. A'HEARN - UNIVERSITY OF MARYLAND

NPCLA 'ULTRAVIOLET OBSERVATIONS OF HIGH EXCITATION PLANETARY NEBULAE' L. H. ALLER - UNIVERSITY OF CALIFORNIA LA

SJCMB 'STABILITY OF SO2 FROST AND VAPOR ON IO + INVESTIGATION OF LONGITUDINAL ASYMMETRY' M. J. BELTON - KITT PEAK

NPCAE 'OBSERVATIONS OF PLANETARY NEBULAE' A. BOGGESS - GSFC

HHCKB 'IUE OBSERVATIONS OF HERBIG-HARO OBJECTS' K. H. BOHM - UNIVERSITY OF WASHINGTON

CCCEB 'DEPENDENCE OF STELLAR CHROMOSPHERES ON METAL ABUNDANCE ROTATION, AND AGE' E. BOHM-VITENSE - UNIV. OF WASHINGTON

CCCBB 'STUDIES OF NEW BRIGHT CHROMOSPHERICALLY ACTIVE STARS' B. W. BOPP - UNIVERSITY OF TOLEDO

RSCCB 'ECLIPSE COVERAGE OF THE RS CVN STAR: AR LAC' C. S. BOWYER - UNIVERSITY OF CALIFORNIA

IGCFB 'THE ORIGINS OF INTERSTELLAR C IV AND SI IV' F. C. BRUHWEILER - COMPUTER SCIENCES CORP

SPCJC 'SOLAR SYSTEM INVESTIGATIONS WITH THE IUE SATELLITE' J. CALDWELL - SUNY AT STONY BROOK

HSCLC 'COMPARATIVE UV SPECTROPHOTOMETRY OF HIGH AND LOW VELOCITY O-TYPE STARS' L. CARRASCO - INST. DE ASTRONOMIA MEXICO

WRCHC 'UV STUDY OF WR STARS ASSOCIATED WITH RING-NEBULAE IN THE LMC' Y-H CHU - UNIVERSITY OF CALIFORNIA AT BERKELEY

GCCAC 'UV STUDIES OF GLOBULAR CLUSTERS IN THE MAGELLANIC CLOUDS' A. D. CODE - UNIVERSITY OF WISCONSIN

HBCAC 'UV STUDIES OF HORIZONTAL BRANCH STARS IN GLOBULAR CLUSTERS OF THE OF THE MILKY WAY' A. CODE -UNIV. OF WISCONSIN

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

HSCPC 'THE RELATIONSHIP AMONG O, OF, AND WR STARS' P. S. CONTI - JILA UNIVERSITY OF COLORADO

CVCFC 'UV OBSERVATIONS OF X-RAY EMITTING CATACLYSMIC VARIABLE STARS' F. CORDOVA - LOS ALAMOS SCIENTIFIC LABORATORY

IGCLC 'ABSORPTION MEASURES OF GALACTIC HALO GAS' L. COWIE - PRINCETON UNIVERSITY

NDCSC 'SPECTROSCOPIC INVESTIGATIONS OF BRIGHT GASEOUS NEBULAE' S. J. CZYZAK - OHIO STATE UNIVERSITY

EGCKD 'OBSERVATIONS OF DWARF EMISSION-LINE GALAXIES'-K. DAVIDSON - UNIVERSITY OF MINNESOTA

NSCKD 'OBSERVATIONS OF THE CRAB NEBULA' K. DAVIDSON - UNIVERSITY OF MINNESOTA

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

NDCRD 'OBSERVATIONS OF THE UV SPECTRA OF HII REGIONS IN THEMAGELLANIC CLOUDS' R. J. DUFOUR - RICE UNIVERSITY

CSCAD 'EVOLUTIONARY STUDY OF LATE-TYPE SINGLE, DWARF STARS' A. K. DUPREE - CENTER FOR ASTROPHYSICS

VVCAD 'ULTRAVIOLET STUDIES OF VV CEPHI AND RELATED SYSTEMS' A. K. DUPREE - CENTER FOR ASTROPHYSICS

CECAD 'ATMOSPHERIC STRUCTURE AND MASS MOTIONS IN LATE-TYPE BINARY SYSTEMS' A. K. DUPREE - CENTER FOR ASTROPHYSICS

MICAD 'HYBRID ATMOSPHERES AND MASS LOSS IN LUMINOUS COOL STARS' A. K. DUPREE - CENTER FOR ASTROPHYSICS

NSCAD 'ULTRAVIOLET OBSERVATIONS OF THE CYGNUS LOOP AND OTHER SHOCKS' A. K. DUPREE - CENTER FOR ASTROPHYSICS

HSCAD 'UV AND X-RAY OBSERVATIONS OF OB SUPERGIANTS' A. K. DUPREE - CENTER FOR ASTROPHYSICS

FBCAD 'ACCRETION ONTO WHITE DWARFS' A. K. DUPREE - CENTER FOR ASTROPHYSICS

SCCPF 'OBSERVATIONS OF COMETS WITH THE IUE' P. D. FELDMAN - JOHNS HOPKINS UNIVERSITY

SVCPF 'HIGH RESOLUTION SPECTRUM OF VENUS' P. D. FELDMAN - JOHNS HOPKINS UNIVERSITY

IMCPF 'HIGHLY OBSCURED INTERSTELLAR CLOUDS' P. C. FRISCH - UNIVERSITY OF CHICAGO

QSCMG 'IUE OBSERVATIONS OF VARIABLE X-RAY SEYFERT GALAXIES' M. GELLER - CENTER FOR ASTROPHYSICS

CCCMG 'THE EVOLUTION OF THE CHROMOSPHERES AND TRANSITION REGIONS IN DWARF STARS' M. GIAMPAPA - UNIV. OF ARIZONA

BLCAG 'MULTIFREQUENCY OBSERVATIONS OF BL LAC OBJECTS AND OTHER ACTIVE NUCLEI' A. E. GLASSGOLD - NEW YORK UNIVERSITY

QSCAG 'LYMAN ALPHA DISCONTINUITY IN LOW REDSHIFT QSOS' A. E. GLASSGOLD - NEW YORK UNIVERSITY

FBCRG 'A STUDY OF THE LOW LUMINOSITY HOT STARS FROM THE PALOMAR-GREEN SUPPLY' R. GREEN - UNIVERSITY OF ARIZONA

QSCSG 'EMISSION LINE PROFILES IN TYPE 1 SEYFERT GALAXIES' S. GREGORY - BOWLING GREEN STATE UNIVERSTIY

GCCJG 'GLOBULAR CLUSTERS AND X-RAY BURSTERS' J. E. GRINDLAY - HARVARD UNIVERSITY

MLCTG 'STELLAR WINDS, SUPERNOVAE AND SUPERSHELLS' T. R. GULL - GSFC

XBCHG 'OBSERVATIONS OF STRONG BINARY X-RAY STARS WITH IUE' H. GURSKY - CENTER FOR ASTROPHYSICS

BLCRH 'SPECTRAL CHARACTERISTICS AND BEHAVIOR INTRINSIC TO THE COMPACT VARIABLE IN BL LAC OBJECTS' R. HACKNEY - W KENTUCKY UNIV

CCCKH 'ROTATIONAL MODULATION AND CYCLIC BEHAVIOR OF UV CHROMOSPHERIC EMISSION IN NEAR SOLAR STARS' K. HALLAM - GSFC

CBCSH 'MASS-LOSS IN O-TYPE BINARIES' S. R. HEAP - GSFC

FBCSH 'HOT, SUBLUMINOUS STARS AND ASSOCIATED NEBULAE' S. R. HEAP - GSFC

NBCUH 'UV OBSERVATIONS OF THE CONTINUA OF NEBULA AND THEIR EXCITING STARS' HELFER - UNIVERSITY OF ROCHESTER

EGCJH 'OB/HII COMPLEXES IN EXTERNAL GALAXIES' J. K. HILL - SYSTEMS AND APPLIED SCIENCES

CVCAH 'ULTRAVIOLET LIGHT CURVES OF ECLIPSING DWARF NOVAE' A. V. HOLM - COMPUTER SCIENCES CORPORATION

RCCAH 'ULTRAVICLET SPECTROPHOTCMETRY OF R CORONAE BOREALIS VARIABLES' A. V. HOLM - COMPUTER SCIENCES CORPORATION

MLCJH 'STELLAR WINDS IN HOT STARS IN THE MAGELLANIC CLOUDS' J. B. HUTCHINGS - HERZBERG INSTITUTE OF ASTROPHYSICS

ZACJH 'UV OBSERVATIONS OF THE ECLIPSING SYMBIOTIC STAR AR PAV' J. B. HUTCHINGS - HERZBERG INSTITUTE OF ASTROPHYSICS

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

SCCWJ 'COMET OBSERVATIONS WITH IUE' W. JACKSON - HOWARD UNIVERSITY

MLCHJ 'IUE STUDIES OF STARS THAT EJECT VISIBLE NEBULAE' H. M. JOHNSON - LOCKHEED MISSILES AND SPACE COMPANY

CBCRK 'UV SPECTROSCOPY OF NONDEGENERATE AND DEGENERATE CLOSE BINARIES WITH CIRCUMSTELLAR GAS' R. KOCH - UNIV. OF PENNSYLVANIA

BLCYK 'SIMULTANEOUS OBSERVATIONS OF BL LAC OBJECTS WITH THE IUE AND HEAO-2' Y. KONDO - GSFC

CCCLK 'A STUDY OF CHROMOSPHERIC ACTIVITY IN SPECTROSCOPIC BINARY SYSTEMS' L. KUHI - UNIVERSITY OF CALIFORNIA

MLCSL 'MASS LOSS FROM F-TYPE SUPERGIANTS' S. LAMB - UNIVERSITY OF MISSOURI AT ST. LOUIS

CVCDL 'UV SPECTROSCOPY OF SYMBIOTIC STARS, RECURRENT AND OLD NOVAE' D. LAMBERT - UNIVERSITY OF TEXAS

SMCAL 'IUE OBSERVATIONS OF THE SEASONAL VARIABILITY OF OZONE ON MARS' A. L. LANE - JET PROPULSION LABORATORY

SVCAL 'HIGH RESOLUTION OBSERVATIONS OF VENUS WITH IUE' A. L. LANE - JET PROPULSION LABORATORY

CCCJL 'A FRESH LOOK AT CAPELLA DICHOTOMY' J. L. LINSKY - UNIVERSITY OF COLORADO

CSCJL 'HIGH DISPERSION, SHORT WAVELENGTH STUDIES OF SELECTED COOL STARS' J. L. LINSKY - UNIVERSITY OF COLORADO

FSCJL 'COLLABORATIVE MONITORING OF A FLARE AND BY DRA VARIABLE STAR' J. L. LINSKY - UNIVERSITY OF COLORADO

MLCJL 'A CRITICAL TEST OF THE CORONAE/WINDS DIVISION AMONG LATE-TYPE STARS' J. L. LINSKY - UNIVERSITY OF COLORADO

RSCJL 'TARGET OF OPPORTUNITY OBSERVATIONS OF FLARES ON RS CVN-TYPE BINARY SYSTEMS' J. LINSKY - UNIVERSITY OF COLORADO

NPCJL 'OBSERVATIONS OF PECULIAR CENTRAL STARS OF PLANETARY NEBULAE WITH IUE' J. H. LUTZ - WASHINGTON STATE UNIVERSITY

BECJM 'VARIABILITY OF BE STARS IN THE ULTRAVIOLET' J. M. MARLBOROUGH - UNIVERSITY OF WESTERN ONTARIO

GCCTM 'OBSERVATION OF ULTRAVICLET EMISSION FROM GLOBULAR CLUSTERS USING IUE' T. MATILSKY - RUTGERS UNIVERSITY

SACDM 'ULTRAVIOLET REFLECTANCE SPECTROSCOPY OF SELECTED ASTEROIDS' D. L. MATSON - JET PROPULSION LABCRATORY

SJCDM 'UV SPECTROPHOTOMETRY OF THE GALILEAN SATELLITES OF JUPITER' D. L. MATSON - JET PROPULSION LABCRATORY

BSCJM 'CBSERVE THE X-RAY BURST SOURCE MXB1735-44' J. E. MC CLINTOCK - MASSACHUSETS INSTITUTE OF TECHNOLOGY

XBCJM 'CYGNUS X-2 NEUTRON STAR OR DEGENERATE DWARF?' J. E. MC CLINTOCK - MASSACHUSETTS INSTITUTE OF TECHNOLOGY

CBCGM 'OBSERVATIONS OF GAS STREAMING IN INTERACTING SEMI-DETACHED BINARY SYSTEMS' G. MCCLUSKEY - LEHIGH UNIVERSITY

DCCDM 'ULTRAVIOLET STUDIES OF THE COMPONENTS OF CEPHEID VARIABLES' D. H. MCNAMARA - BRIGHAM YOUNG UNIVERSITY

ZBCAM 'IUE CBSERVATICNS CF NEBULAR EMISSION IN SYMBIOTIC STARS' A. MICHALITSIANOS - GSFC

SJCHM 'STUDY OF JOVIAN AURORAE AND THE TORUS OF IO USING IUE' H. W. MOOS - JOHNS HOPKINS UNIVERSITY

SSCHM 'OBSERVATIONS OF THE SATURNIAN SYSTEM IN COORDINATIONWITH THE VOYAGER FLYBYS' H. MOOS JOHNS HOPKINS UNIVERSITY

MLCNM 'MASS LOSS IN A- AND F- TYPE SUPERGIANTS' N. MORRISON - UNIVERSITY OF TOLEDO

MLCDM 'VARIABLE MASS LOSS AMONG STARS AT OR NEAR THE SUPERSONIC TRANSITION LOCUS' D. MULLAN - UNIVERSITY OF DELAWARE

QSCJO 'EMISSION LINE GALAXIES' J. B. OKE - CALIFORNIA INSTITUTE OF TECHNOLOGY

CVCRP 'TIME RESOLVED SPECTORPHOTOMETRY OF UXUMA' R. J. PANEK - PENNSYLVANIA STATE UNIVERSITY

HSCSP 'ABUNDANCE EFFECTS ON MASS LOSS IN O AND EARLY B TYPE STARS' S. B. PARSONS - UNIVERSITY OF TEXAS

EGCMP 'PHYSICAL CCNDITIONS IN NUCLEI OF GALAXIES AND IN EXTRAGALACTIC H2 REGIONS' M. PEIMBERT - OBSERVATORIO ASTRONOMICO NACIONAL, MADRID

NDCPP 'ULTRAVIOLET OBSERVATICNS OF SELECTED FEATURES IN THE ORION NEBULA' P. PERRY - COMPUTER SCIENCES CORPORATION

CBCGP 'HIGH RESOLUTION UV OBSERVATIONS OF ALGOL TYPE INTERACTING BINARY SYSTEMS' G. PETERS - UNIV OF SOUTHERN CALIFORNIA

CBCMP 'ACCRETICN IN BINARY STARS' M. PLAVEC - UNIVERSITY OF CALIFORNIA AT LOS ANGELES

ZACMP 'DIAGNOSTICAL STUDIES OF SYMBIOTIC STARS' M. PLAVEC - UNIVERSITY OF CALIFORNIA AT LOS ANGELES

WRCJR 'STUDY OF THE NGC 6888 NEBULA AND THE WR STAR HD 192163' J. RAHE - GSFC

WRCWR 'AN INVESTIGATION OF THE INTRINSIC PROPERTIES OF WOLF-RAYET STARS' W. M. RUMPL - GSFC

QSCWS 'LONG EXPOSURE OBSERVATIONS OF EXTRAGALACTIC OBJECTS' W. L. SARGENT - CALIFORNIA INSTITUTE OF TECHNOLOGY

IECBS 'A SEARCH FOR VARIABLE UV EXTINCTION IN HOT STARS WITH CIRCUMSTELLAR DUST SHELLS' B. SAVAGE - UNIV. OF WISCONSIN

IGCBS 'ULTRAVIOLET OBSERVATIONS OF GAS IN GALACTIC HALOS' B. SAVAGE - UNIVERSITY OF WISCONSIN

FECMS 'SPECTRA OF DEGENERATE STARS OF KNOWN MASS' M. SAVEDOFF - UNIVERSITY OF ROCHESTER

DCCES 'ULTRAVICLET SPECTROSCOPY OF BRIGHT CEPHEIDS' E. G. SCHMIDT - UNIVERSITY OF NEBRASKA

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

MGCTS 'MGII OBSERVATIONS OF THE YOUNG CLUSTER NGC 2264' T. SIMON - UNIVERSITY OF COLORADO

BECAS 'ULTRAVIOLET STUDIES OF SOME BE STARS OF LATER TYPE' A. SLETTEBAK - OHIO STATE UNIVERSITY

OSCHS 'UV SPECTROPHOTOMETRY OF LYMAN ALPHA ON QSO'S' H. E. SMITH - UNIVERSITY OF CALIFORNIA

IECTS 'ULTRAVIOLET EXTINCTION IN DARK CLOUDS' T. P. SNOW - UNIVERSITY OF COLORADO

IGCTS 'A SEARCH FOR INTERSTELLAR SI O' T. P. SNOW - UNIVERSITY OF COLORADO

QSCTS 'IUE OBSERVATIONS OF LYMAN ALPHA AND HE2 ALPHA 1640 EMISSION IN BRIGHT LOW REDSHIFT QUASARS' B. SOIFER - CAL. INST. OF TECHNOLOGY

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

CCCRS 'STUDY OF CHROMOSPHERES AND CIRCUMSTELLAR ENVELOPES IN G, K, M SUPERGIANTS' R. STENCEL - UNIVERSITY OF COLORADO

ZACRS 'OBSERVATIONS OF THE ECLIPSE OF THE SYMBIOTIC STAR CI CYGNI' R. E. STENCEL - UNIVERSITY FO COLCRADO

CVCPS 'UV STUDY OF SHORT PERIOD CATACLYSMIC VARIABLES (SU UMA AND AM HER STARS' P. SZKODY - UNIVERSITY OF WASHINGTON

EGCTT 'STAR FORMATION IN BLUE COMPACT DWARF GALAXIES' T. X. THUAN - UNIVERSITY OF VIRGINIA

SJCJT 'IUE OBSERVATIONS OF SELECTED JOVIAN ATMOSPHERIC FEATURES' J. T. TRAUGER - CALIFORNIA INSTITUTE OF TECHNOLOGY

IGCAU 'INTERSTELLAR LINES FROM HIGH IONS' A. B. UNDERHILL - GSFC

HSCAU 'THE EFFECTIVE TEMPERATURES OF STARS OF TYPES O3, O4, AND O5' A. B. UNDERHILL - GSFC

CCCAW 'STUDY OF CHROMOSPHERES CORONAE AND TRANSITION REGIONS OF MAIN SEQUENCE AND GIANT STARS IN HYADES' A. WALKER - STANFORD UNIVERSITY

NSCGW 'KINEMATICS AND PHYSICAL CONDITIONS IN SHOCKED CLOUDS IN THE MONOCEROS SUPERNOVA REMNANT' G. WALLERSTEIN - U OF WASHINGTON

FBCGW 'ULTRAVIOLET STUDY OF PECULIAR WHITE DWARFS' G. A. WEGNER - PENNSYLVANIA STATE UNIVERSITY

EGCGW 'ULTRAVIOLET OBSERVATIONS OF NEARBY EARLY-TYPE GALAXIES' G. A. WELCH - ST. MARY'S UNIVERSITY

CVCRW 'UV SPECTROSCOPY OF THE GK PER/DQ HER NOVAE SHELLS' R. E. WILLIAMS - UNIVERSITY OF ARIZONA

QSCAW 'IUE STUDIES OF SEYFERT AND X-RAY GALAXIES' A. S. WILSON - UNIVERSITY OF MARYLAND

CSCRW 'FURTHER STUDIES OF THE UV SPECTRA OF LATE-TYPE STARS' R. F. WING - OHIO STATE UNIVERSITY

CBCRW 'SYNOPTIC OBSERVATIONS OF ZETA AURIGAE SYSTEMS' R. F. WING - OHIO STATE UNIVERSITY

IGCAW 'IUE STUDIES OF QSO ABSORPTION LINE GAS' A. WOLFE - UNIVERSITY OF PITTSBURGH

HSCBW 'IUE MEASUREMENTS OF HOT STARS NEAR THE ECLIPTIC PLANE, ETC' B. E. WOODGATE - GSFC

BLCDW 'A STUDY OF 3 BL LAC OBJECTS' D. W. WARRALL - UNIVERSITY OF CALIFORNIA AT SAN DIEGO

CVCCW 'TARGET OF OPPORTUNITY OBSERVATIONS OF NOVAE AND X-RAY NOVAE' C. C. WU - COMPUTER SCIENCES CORPORATION

WRCCW 'VARIABILITY IN WOLF-RAYET STARS' C. C. WU - COMPUTER SCIENCES CORPORATIONS

IGCDY 'EXTENT OF A GASEOUS GALACTIC HALO' D. G. YORK - PRINCETON UNIVERSITY

OD20E 'SATURN RING-PLANE CROSSING' A. LANE - JET PROPULSIONLABORATORY

OD21E 'TV GEM' KAFATOS

OD22E 'NOVA HER 1963' BLESS -

OD23E 'V471 TAU' E. F. GUINAN - VILLANOVA UNIVERSITY

OD24E 'HD 215441' R. GREEN - STEWARD OBSERVATORY

OD25E 'QSO"S' G. FABBIANO - CENTER FOR ASTROPHYSICS

OD26E 'AE AQR' S. LAMB - DEPARTMENT OF PHYSICS

OD27E 'ABELL 35' G. JACOBY - KITT PEAK NATIONAL OBSERVATORY

OD28E 'CYGNUS LOOP' A. GLASSGOLD - STEWARD OBSERVATORY

OD29E 'AU SGR' Y. KONDO - GSFC

OD30E '3C 390 3' J. OKE - HALE OBSERVATORIES

OD31E 'PROX CEN' J. LINSKY - JILA

OD32E 'V603 AQL' J. RAHE - GSFC

OD33E 'CYG OB2#8A=BD+40 4227' D. ABBOTT - WASHBURN OBSERVATORY

OD34E 'HD 219150' BOLTON

OD35E 'INTERSTELLAR GAS' D. LIEN - UNIVERSITY OF ILLINOIS

OD36E 'BL LAC OBJECT' K. HACKNEY - WESTERN KENTUCKY UNIVERSITY

OD37E 'HD 36389' R.J. PANEK - CSC - GSFC

OD38E 'MASS DETERMINATION OF EVOLVED AND EARLY TYPE STARS' - FEKEL - GSFC

OD39E 'BRIGHT DC WHITE DWARFS' - WEGNER - PENNSYLVANIA STATE UNIVERSITY

OD40E 'CARINA NEBULA STARS' - HESSER - DOMINION ASTROPHYSICAL OBSERVATORY

OD41E 'BD +30 3639' - UNDERHILL - GSFC

OD42E 'IM MON' - NOMOTO - GSFC

OD43E 'A STUDY OF STELLAR WIND VARIABILITY IN O STARS USING IUE' - T. P. SNOW - UNIVERSITY OF COLORADO LASP

OD44E 'SIMULTANEOUS UV-X-RAY OBSERVATIONS OF JUPITER' - A. METZGER - JET PROPULSION LABORATORY B

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
NULL	BSCJM	.					* 99	LWR 8292	L		000 00	80 201 04 52	G	81/040	
NULL	BSCJM	.					* 99	LWR 8293	L		000 00	80 201 05 16	G	81/040	
NULL	BSCJM	.					* 99	LWR 8294	L		000 00	80 201 05 26	G	81/040	
*SKY BKGD	BSCJM	.					* 07	LWR 8295	H	L O	240 00	80 201 05 56	G	81/058	B=50
NULL0000	CVCCW	.					* 99	LWR 7605	L	L O	000 00	80 116 14 39	G	80/336	B=20
NULL	CVCCW	.					* 99	SWP 10908	L	O	000 00	80 363 02 45	G	81/201	B=15
NULL	EGCMF	.					* 99	LWR 8415	L	O	000 00	80 215 08 41	G	81/054	
WAVE CAL	IGCDY	.		15.1	0.12 P3		* 98	LWR 7592	H	L O	000 01	80 114 14 41	G	80/335	E=10X,B=30
WAV CAL	IGCFB	.					* 98	SWP 9078	H	S C	000 04	80 143 23 41	G	80/350	E=100X
WAV CAL	IGCFB	.					* 98	SWP 9078	H	S C	002 00	80 143 23 42	G	80/350	E=100X
WAVCAL	IGCFE	.					* 98	SWP 9723	H	S C	000 04	80 220 17 08	G	81/083	E=255,50X,B=130
WAVCAL	IGCFE	.					* 98	SWP 9723	H	S C	002 00	80 220 17 10	G	81/083	E=255,50X,B=130
WAVCAL	IGCFB	.					* 98	SWP 9724	L	S C	000 04	80 220 17 33	G	81/083	E=255,50X,B=110
WAVCAL	IGCFB	.					* 98	SWP 9724	L	S C	000 01	80 220 17 34	G	81/083	E=255,50X,B=110
WAVCAL	IGCLC	.					* 98	SWP 9358	H	S C	000 04	80 176 12 36	G	81/027	
WAVCAL	IGCLC	.					* 98	SWP 9358	H	S C	002 00	80 176 12 37	G	81/027	
TFLOOD	IGCLC	.					* 99	SWP 9359	H	S O	000 04	80 176 13 01	G	81/027	
WAVCAL	MLCNM	.					* 98	LWR 8999	H	S C	000 00	80 285 12 09	G	81/126	E=100X
WAVCAL	MLCNM	.					* 98	LWR 8999	H	S C	000 00	80 285 12 10	G	81/126	E=100X
T FLOOD	MLCNM	.					* 99	LWR 9000	H	S C	000 06	80 285 12 47	G	81/126	N/A
WAVCAL	MLCNM	.					* 98	LWR 9014	H	S C	000 06	80 287 06 00	G	81/125	E=50X,B=140
WAVCAL	MLCNM	.					* 98	LWR 9014	H	S C	000 15	80 287 06 02	G	81/125	E=50X,B=140
TFLOOD	MLCNM	.					* 99	LWR 9015	H	S C	000 06	80 287 06 23	G	81/128	B=130
WAVCAL	MLCNM	.					* 98	LWR 9043	H	L C	000 06	80 289 07 23	G	81/141	E=50X,B=135
WAVCAL	MLCNM	.					* 98	LWR 9043	H	L C	000 15	80 289 07 25	G	81/141	E=50X,B=135

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
TPICCD	HICNH	.					* 99	LWR 9044	H	L	C 000 06	80 289 07 47	G	81/141	B=135
NOIL	HICTG	.					* 99	LWR 7632	L	S	O 000 00	80 119 18 34	G	80/335	
WAVCAL	HICTG	.					* 98	SWP 8854	H	S	C 000 04	80 120 00 59	G	80/331	E=100X,
WAVCAL	HICTG	.					* 98	SWP 8855	L	S	C 000 04	80 120 01 31	G	80/335	E=100X
WAVCAI	CD38B	.					* 98	LWR 9261	H	S	C 000 00	80 314 04 19	G	81/156	NONE
WAVCAL	OD38B	.					* 98	LWR 9261	H	S	C 000 00	80 314 04 21	G	81/156	NONE
WAVCAI	CD38B	.					* 98	LWR 9263	H	S	C 000 06	80 314 05 55	G	81/156	NONE
WAVCAI	CD38B	.					* 98	LWR 9263	H	S	C 000 15	80 314 05 56	G	81/156	NONE
WAVE CAL	PHCAL	.			0		* 98	SWP 8620	L	S	C 000 00	80 091 20 36	G	80/328	E=100X
WAVE CAL	PHCAL	.			0		* 98	SWP 8620	L	S	C 000 00	80 091 20 38	G	80/328	E=100X
WAVE CAL	PHCAL	.			0		* 98	LWR 7365	L	S	C 000 00	80 091 20 40	G	80/328	E=100X
WAVE CAL	PHCAL	.			0		* 98	LWR 7365	L	S	C 000 00	80 091 20 42	G	80/328	E=100X
WAVE CAL	PHCAL	.			0		* 98	SWP 8621	H	S	C 000 00	80 091 21 30	G	80/328	E=100X
WAVE CAL	PHCAL	.			0		* 98	SWP 8621	H	S	C 000 00	80 091 21 32	G	80/328	E=100X
WAVE CAL	PHCAL	.			0		* 98	LWR 7366	H	S	C 000 00	80 091 21 36	G	80/328	E=100X
WAVE CAL	PHCAL	.			0		* 98	LWR 7366	H	S	C 000 00	80 091 21 38	G	80/328	E=100X
T FLOOD	PHCAL	.					* 99	SWP 8622	H	L	O 000 05	80 091 22 26	G	80/322	
* T FLOOD	PHCAL	.		9.5	-0.05	05	SD 16	LWR 7367	H	L	O 000 07	80 091 22 28	G	80/322	
WAV CAL	PHCAL	.			0		* 98	SWP 8775	L	L	O 000 01	80 107 20 28	G	80/335	E=255,50X,B=18
WAV CAL	PHCAL	.			0		* 98	SWP 8775	L	S	O 000 01	80 107 20 29	G	80/335	E=255,50X,B=18
WAV CAL	PHCAL	.			0		* 98	SWP 8775	L	S	O 000 01	80 107 20 30	G	80/335	E=255,50X,B=18
WAV CAL	PHCAL	.			0		* 98	LWR 7519	L	L	O 000 01	80 107 20 31	G	80/336	E=255,B=30
WAV CAL	PHCAL	.			0		* 98	LWR 7519	L	S	O 000 01	80 107 20 32	G	80/336	E=255,B=30
WAV CAL	PHCAL	.			0		* 98	LWR 7519	L	L	O 000 01	80 107 20 33	G	80/336	E=255,B=30
WAV CAL	PHCAL	.			0		* 98	SWP 8776	H	S	C 002 00	80 107 21 23	G	80/330	E=255,50X,B=25

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
WAV CAL	PHCAL	.				0	* 98	SWP 8776	H S	C	002 00	80 107 21 24	G	80/330	B=255,50X,B=25
WAV CAL	PHCAL	.				0	* 98	LWR 7520	H S	C	000 15	80 107 21 27	G	80/330	B=255,B=27
WAV CAL	PHCAL	.				0	* 98	LWR 7520	H S	C	000 15	80 107 21 27	G	80/330	B=255,B=27
TFLOOD	PHCAL	.				0	* 99	SWP 8777	H L	O	000 04	80 107 22 15	G	80/330	B=107
TFLOOD	PHCAL	.					* 99	LWR 7521	H L	O	000 06	80 107 22 19	G	80/330	B=114
NULL	PHCAL	.					* 99	LWP 1204	L		000 00	80 112 03 11	V	81/089	
NULL	PHCAL	.					* 99	SWR 1160	L		000 00	80 112 08 19	V	81/089	
NULL	PHCAL	.					* 99	SWP 8856	L		000 00	80 120 03 19	V	81/089	
NULL	PHCAL	.					* 99	SWP 8857	L		000 00	80 120 03 44	V	81/089	
UV FLOOD	PHCAL	.					* 99	SWP 8858	L	O	001 52	80 120 04 16	V	81/096	
UV FLOOD	PHCAL	.					* 99	SWP 8859	L	O	005 00	80 120 05 09	V	81/096	
NULL	PHCAL	.					* 99	SWP 8860	L		000 00	80 120 05 28	V	81/089	
T FLOOD	PHCAL	.					* 99	SWP 8861	L		000 22	80 120 05 48	V	81/096	
NULL	PHCAL	.					* 99	LWR 7634	H		000 00	80 120 06 42	V	81/089	
NULL	PHCAL	.					* 99	LWR 7635	L		000 00	80 120 07 27	V	81/089	
UV FLOOD	PHCAL	.					* 99	LWR 7636	L		001 52	80 120 08 24	V	81/096	
UV FLOOD	PHCAL	.					* 99	LWR 7637	L		005 00	80 120 09 03	V	81/096	
NULL	PHCAL	.					* 99	LWR 7638	L		000 00	80 120 09 22	V	81/089	
WAVCAL	PHCAL	.				0	* 98	LWR 7646	L S	C	000 07	80 121 18 02	G	80/359	B=100X,B=53
WAVCAL	PHCAL	.				0	* 98	SWP 8874	H S	C	000 02	80 121 18 30	G	80/359	B=100X,B=110
WAVCAL	PHCAL	.				0	* 98	LWR 7647	H S	C	000 06	80 121 18 35	G	80/359	B=100X,B=115
T FLOOD	PHCAL	.				0	* 99	LWR 7648	H S	C	000 07	80 121 19 05	G	80/359	B=105
WAVCAL	PHCAL	.				0	* 98	SWP 8875	H S		000 00	80 121 19 47	G	80/359	B=100,B=85
T FLOOD	PHCAL	.				0	* 99	SWP 8876	H S		000 05	80 121 20 22	G	80/359	B=110
NULL	PHCAL	.					* 99	SWP 8965	L		000 00	80 131 01 14	G	80/344	B=18

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
WAV CAL	PHCAL	.								0	*	98 SWP 8997	L	S	C 000	04	80	135	21	15	G	81/002	E=255,B=99
WAV CAL	PHCAL	.								0	*	98 SWP 8997	L	S	C 000	01	80	135	21	17	G	81/002	E=255,B=99
WAV CAL	PHCAL	.								0	*	98 SWP 8998	H	S	C 000	04	80	135	21	40	G	80/363	E=255,B=120
WAV CAL	PHCAL	.								0	*	98 SWP 8998	H	S	C 002	00	80	135	21	41	G	80/363	E=255,B=120
T FLOOD	PHCAL	.								0	*	98 SWP 8999	L		C 000	04	80	135	22	06	G	81/014	B=110
WAV CAL	PHCAL	.								0	*	98 LWR 7755	L	S	C 000	06	80	135	22	29	G	81/002	E=255,B=115
WAV CAL	PHCAL	.								0	*	98 LWR 7755	L	S	C 000	00	80	135	22	31	G	81/002	E=255,B=115
WAV CAL	PHCAL	.								0	*	98 LWR 7756	H	S	C 000	06	80	135	22	55	G	81/002	E=255,B=118
WAV CAL	PHCAL	.								0	*	98 LWR 7756	H	S	C 000	15	80	135	22	57	G	81/002	E=255,B=118
T FLOOD	PHCAL	.								0	*	98 LWR 7757	L		C 000	06	80	135	23	19	G	81/014	B=118
WAV CAL	PHCAL	.							0.0		*	98 SWP 9173	L	S	C 000	04	80	153	15	48	G	80/359	E=10X
WAV CAL	PHCAL	.							0.0		*	98 SWP 9173	L	S	C 000	01	80	153	15	50	G	80/359	E=10X
WAV CAL	PHCAL	.							0.0		*	98 SWP 9174	H	S	C 000	04	80	153	16	13	G	81/002	E=100X
WAV CAL	PHCAL	.							0.0		*	98 SWP 9174	H	S	C 002	00	80	153	16	15	G	81/002	E=100X
TFLOOD	PHCAL	.							0.0		*	99 SWP 9175	H	S	C 000	04	80	153	16	38	G	81/012	
WAV CAL	PHCAL	.							0.0		*	98 SWP 9176	H	L	C 002	00	80	153	16	59	G	80/359	E=100X
WAV CAL	PHCAL	.							0.0		*	98 LWR 7917	L	S	C 000	06	80	153	17	27	G	80/359	E=10X
WAV CAL	PHCAL	.							0.0		*	98 LWR 7917	L	S	C 000	00	80	153	17	29	G	80/359	E=10X
WAV CAL	PHCAL	.							0.0		*	98 LWR 7918	H	S	C 000	06	80	153	17	51	G	81/002	E=100X,C=NONE
WAV CAL	PHCAL	.							0.0		*	98 LWR 7918	H	S	C 000	15	80	153	17	53	G	81/002	E=100X,C=NONE
TFLOOD	PHCAL	.							0.0		*	99 LWR 7919	H	S	C 000	07	80	153	18	15	G	81/012	
WAV CAL	PHCAL	.									*	98 LWR 7920	H	S	C 000	15	80	153	18	39	G	80/359	E=100X
SAFETYRD	PHCAL	.									*	99 LWP 1217	L	L	000	00	80	160	15	50	G	81/009	B=48
WAVCAL	PHCAL	.									*	98 SWP 9294	L	S	C 000	04	80	168	13	03	G	81/007	
WAVCAL	PHCAL	.									*	98 SWP 9294	L	S	C 000	01	80	168	13	05	G	81/007	

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
WAVCAL	PHCAL	.					*	98 SWP	9295	H S	C	000 04	80 168 13 30	G	81/012	E=100X
WAVCAL	PHCAL	.					*	98 SWP	9295	H S	C	002 00	80 168 13 32	G	81/012	E=100X
TFLOOD	PHCAL	.					*	99 SWP	9296	H S	C	000 04	80 168 14 20	G	81/033	
WAVCAL	PHCAL	.					*	99 LWR	8053	L S	C	000 06	80 168 14 23	G	81/007	E=100X
WAVCAL	PHCAL	.					*	99 LWR	8053	L S	C	000 00	80 168 14 25	G	81/007	
WAVCAL	PHCAL	.				0	*	98 LWR	8054	H S	C	000 06	80 168 15 12	G	81/012	E=100X
WAVCAL	PHCAL	.				0	*	98 LWR	8054	H S	C	000 15	80 168 15 13	G	81/012	E=100X
TFLOOD	PHCAL	.					*	99 LWR	8055	H S	C	000 06	80 168 15 35	G	81/056	
LWP NULL	PHCAL	.					*	99 LWP	1219	H S	C	000 00	80 168 16 56	G	81/014	
WAVCAL	PHCAL	.				0	*	98 LWP	1220	L S	C	000 24	80 168 17 23	G	81/006	
WAVCAL	PHCAL	.				0	*	98 LWP	1220	L S	C	000 00	80 168 17 24	G	81/006	
WAVCAL	PHCAL	.				0	*	98 LWP	1221	H S	C	000 24	80 168 17 52	G	81/006	
WAVCAL	PHCAL	.				0	*	98 LWP	1221	H S	C	000 15	80 168 17 53	G	81/006	
T FLOOD	PHCAL	.				0	*	99 LWP	1222	H L	C	000 24	80 168 18 21	G	81/014	
NULL	PHCAL	.					*	99 LWP	1223	L		000 00	80 182 22 52	V	81/146	
WAVECAL	PHCAL	.					*	98 LWP	1224	L S	O	000 04	80 182 23 41	V	/	
WAVECAL	PHCAL	.					*	98 LWP	1224	L L	O	000 04	80 182 23 42	V	/	
WAVECAL	PHCAL	.					*	98 LWP	1225	H	C	000 05	80 183 00 35	V	/	
TFLOOD	PHCAL	.					*	99 LWP	1226	H		000 25	80 183 02 32	V	81/152	
TFLOOD	PHCAL	.					*	99 LWP	1227	L		001 30	80 183 03 13	V	81/152	
UVFLOOD	PHCAL	.					*	99 LWP	1228	L		002 30	80 183 03 53	V	81/152	
UV FLOOD	PHCAL	.					*	99 LWP	1229	L		002 00	80 183 04 29	V	81/152	
WAVECAL	PHCAL	.					*	98 LWP	1225	H	C	000 05	80 183 23 43	V	/	
WAVCAL	PHCAL	.				0	*	98 SWP	9418	H S	C	000 04	80 184 14 27	G	81/033	
WAVCAL	PHCAL	.				0	*	98 SWP	9418	H S	C	002 00	80 184 14 28	G	81/033	

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
WAVCAL	PHCAL	.				0	* 98	LWR 8162	H S	C	000 06	80 184 14 32	G	81/033	
WAVCAL	PHCAL	.				0	* 98	LWR 8162	H S	C	000 15	80 184 14 34	G	81/033	
T FLOOD	PHCAL	.				0	* 99	SWP 9419	H L	O	000 04	80 184 15 21	G	81/033	B=TFLOOD
T FLOOD	PHCAL	.				0	* 99	LWR 8163	L	O	000 06	80 184 15 24	G	81/033	B=TFLOOD
WAVCAL	PHCAL	.				0	* 98	SWP 9535	L S	C	000 04	80 199 11 43	G	81/040	
WAVCAL	PHCAL	.				0	* 98	SWP 9535	L S	C	000 01	80 199 11 44	G	81/040	
WAVCAL	PHCAL	.				0	* 98	SWP 9536	H S	C	000 04	80 199 12 11	G	81/044	E=60X
WAVCAL	PHCAL	.				0	* 98	SWP 9536	H S	C	002 00	80 199 12 13	G	81/044	E=60X
TFLOOD	PHCAL	.				0	* 98	SWP 9537	H L	C	000 04	80 199 12 38	G	81/044	
WAVCAL	PHCAL	.				0	* 98	LWR 8267	L S	C	000 06	80 199 13 10	G	81/040	
WAVCAL	PHCAL	.				0	* 98	LWR 8267	L S	C	000 00	80 199 13 11	G	81/040	
WAVCAL	PHCAL	.				0	* 98	LWR 8268	H S	C	000 06	80 199 13 35	G	81/040	
WAVCAL	PHCAL	.				0	* 98	LWR 8268	H S	C	000 15	80 199 13 37	G	81/040	
TFLOOD	PHCAL	.					* 99	LWR 8269	H L	O	000 06	80 199 14 00	G	81/051	
NULL	PHCAL	.					* 99	LWR 8273	H L		000 00	80 199 18 57	G	81/040	
FS NULL	PHCAL	.					* 99	LWR 8274	H		000 00	80 199 19 08	G	81/040	
NULL	PHCAL	.					* 99	LWR 8275	H L		000 00	80 199 19 21	G	81/040	
FS NULL	PHCAL	.					* 99	LWR 8276	H L		000 00	80 199 19 35	G	81/040	
NULLMAG	PHCAL	.				0	* 99	LWR 8331	L		000 00	80 206 06 37	G	81/051	
NULLMAG	PHCAL	.				0	* 99	LWR 8332	L		000 00	80 206 06 54	G	81/049	
NULLMAG	PHCAL	.				0	* 99	LWR 8333	L		000 00	80 206 07 09	G	81/049	
NULL	PHCAL	.					* 99	LWR 8334	L		000 00	80 206 12 17	G	80/213	B=42
NULL	PHCAL	.					* 99	LWR 8335	L		000 00	80 206 13 57	G	81/058	
LWR TEST	PHCAL	.				0	* 99	LWR 8339	L		000 00	80 207 05 06	G	81/058	
LWR TEST	PHCAL	.				0	* 99	LWR 8340	L		000 00	80 207 05 21	G	81/058	

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
LWR TEST PHCAL	.				0		* 99	LWR 8341	L		000 00	80 207 05 37	G	81/058	
LWR TEST PHCAL	.				0		* 98	LWR 8342	L		000 00	80 207 05 51	G	81/058	
LWR TEST PHCAL	.				0		* 99	LWR 8343	L		000 00	80 207 06 06	G	81/058	
LWR TEST PHCAL	.				0		* 99	LWR 8344	L		000 00	80 207 06 21	G	81/058	
LWR TEST PHCAL	.				0		* 98	LWR 8345	L		000 00	80 207 08 18	G	81/058	
LWR TEST PHCAL	.				0		* 98	LWR 8346	L		000 00	80 207 08 33	G	81/058	
LWR TEST PHCAL	.				0		* 98	LWR 8347	L		000 00	80 207 08 47	G	81/058	
LWR TEST PHCAL	.				0		* 99	LWR 8348	L		000 00	80 207 09 03	G	81/058	
LWR TEST PHCAL	.				0		* 99	LWR 8349	L		000 00	80 207 09 18	G	81/058	
LWR TEST PHCAL	.				0		* 99	LWR 8350	L		000 00	80 207 09 32	G	81/056	
LWR TEST PHCAL	.				0		* 99	LWR 8351	L		000 00	80 207 09 47	G	81/056	
LWR TEST PHCAL	.				0		* 99	LWR 8352	L		000 00	80 207 10 02	G	81/056	
LWR TEST PHCAL	.				0		* 98	LWR 8353	L		000 00	80 207 10 41	G	81/056	
LWR TEST PHCAL	.						* 98	LWR 8359	L		000 00	80 208 05 11	G	81/058	
LWR TEST PHCAL	.						* 98	LWR 8360	L		000 00	80 208 05 26	G	81/058	
LWR TEST PHCAL	.						* 98	LWR 8361	L		000 00	80 208 05 40	G	81/058	
LWR TEST PHCAL	.						* 98	LWR 8362	L		000 00	80 208 05 55	G	81/058	
LWR TEST PHCAL	.						* 98	LWR 8363	L		000 00	80 208 06 10	G	81/058	
LWR TEST PHCAL	.						* 98	LWR 8364	L		000 00	80 208 06 24	G	81/058	
LWR TEST PHCAL	.						* 98	LWR 8365	L		000 00	80 208 06 39	G	81/064	
LWR TEST PHCAL	.						* 99	LWR 8366	L		000 00	80 208 06 53	G	81/064	
LWR TEST PHCAL	.						* 98	LWR 8367	L		000 00	80 208 07 08	G	81/064	
LWR TEST PHCAL	.						* 99	LWR 8368	L		000 00	80 208 07 23	G	81/064	
LWR TEST PHCAL	.						* 99	LWR 8369	L		000 00	80 208 07 38	G	80/213	
LWR TEST PHCAL	.						* 99	LWR 8370	L		000 00	80 208 07 52	G	80/213	

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
LWR TEST	PHCAL	.				0	* 99	LWR 8371	L		000 00	80 208 08 07	G	80/213	
LWR TEST	PHCAL	.					* 98	LWR 8372	L		000 00	80 208 08 20	G	80/213	
LWR TEST	PHCAL	.					* 99	LWR 8373	L		000 00	80 208 08 40	G	80/213	
LWR TEST	PHCAL	.					* 99	LWR 8374	L		000 00	80 208 08 54	G	80/213	
LWR TEST	PHCAL	.					* 99	LWR 8375	L		000 00	80 208 09 08	G	80/213	
LWR TEST	PHCAL	.					* 98	LWR 8376	L		000 00	80 208 09 22	G	80/213	
LWR TEST	PHCAL	.					* 98	LWR 8377	L		000 00	80 208 09 36	G	80/213	
LWR TEST	PHCAL	.					* 98	LWR 8378	L		000 00	80 208 09 52	G	80/213	
TFLOOD	PHCAL	.					* 99	SWP 9608	H	O	000 05	80 209 05 41	G	81/058	B=100
TFLOOD	PHCAL	.					* 99	SWP 9609	H	O		80 209 06 04	G	81/058	B=107
TFLOOD	PHCAL	.					* 99	SWP 9610	H	O	000 04	80 209 06 37	G	81/058	B=109
TFLOOD	PHCAL	.					* 99	SWP 9611	H	O	000 04	80 209 06 59	G	81/058	B=110
WAVCAL	PHCAL	.				0	* 98	SWP 9660	H L	C	000 04	80 214 11 37	G	81/083	
WAVCAL	PHCAL	.				0	* 98	SWP 9660	H L	C	002 00	80 214 11 38	G	81/083	
WAVCAL	PHCAL	.				0	* 98	SWP 9661	L S	C	000 04	80 214 12 02	G	81/070	
WAVCAL	PHCAL	.				0	* 98	SWP 9661	L S	C	000 01	80 214 12 03	G	81/070	
FLAT FLD	PHCAL	.				0	* 98	SWP 9662	L		000 05	80 214 12 26	G	81/083	
WAVCAL	PHCAL	.				0	* 98	LWR 8403	L S	C	000 06	80 214 12 55	G	81/070	
WAVCAL	PHCAL	.				0	* 98	LWR 8403	L S	C	000 00	80 214 12 57	G	81/070	
WAVCAL	PHCAL	.				0	* 98	LWR 8404	H S	C	000 06	80 214 13 19	G	81/083	
WAVCAL	PHCAL	.				0	* 98	LWR 8404	H S	C	000 15	80 214 13 20	G	81/083	
FLAT FLD	PHCAL	.				0	* 98	LWR 8405	L		000 06	80 214 13 43	G	81/083	
NULL	PHCAL	.					* 99	LWR 8406	H L		000 00	80 214 14 53	G	81/054	
NULLMAG	PHCAL	.					* 99	LWR 8407	L		000 00	80 214 15 57	G	81/054	B=25
FLAT FLD	PHCAL	.					* 99	LWR 8409	L		000 06	80 214 17 08	G	81/054	

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
FLAT FLD	PHCAL	.					* 99	LWR 8410	L		000 06	80 214 17 28	G	81/054	
SAFETYRD	PHCAL	.				0	* 99	LWP 1242	L		000 00	80 222 16 56	G	81/069	B=41
WAVCAL	PHCAL	.				0	* 98	LWR 8544	L	S C	000 06	80 231 13 47	G	81/084	E=50X,B=67
WAVCAL	PHCAL	.				0	* 98	LWR 8544	L	S C	000 00	80 231 13 49	G	81/084	E=50X,B=67
WAVCAL	PHCAL	.				0	* 98	LWR 8545	H	S C	000 06	80 231 14 14	G	81/084	E=50X,C=130
WAVCAL	PHCAL	.				0	* 98	LWR 8545	H	S C	000 15	80 231 14 15	G	81/084	E=50X,C=130
TFLOOD	PHCAL	.				0	* 99	LWR 8546	H	C	000 06	80 231 14 39	G	81/084	B=130
TFLOOD	PHCAL	.				0	* 99	LWR 8546	H	C	000 06	80 231 14 40	G	81/084	B=130
WAVCAL	PHCAL	.				0	* 98	SWP 9832	L	S C	000 04	80 231 15 02	G	81/084	E=50X,B=85
WAVCAL	PHCAL	.				0	* 98	SWP 9832	L	S C	000 01	80 231 15 03	G	81/084	E=50X,B=85
WAVCAL	PHCAL	.				0	* 98	SWP 9833	H	S C	000 04	80 231 15 27	G	81/084	E=50X,B=130
WAVCAL	PHCAL	.				0	* 98	SWP 9833	H	S C	002 00	80 231 15 28	G	81/084	E=50X,B=130
TFLOOD	PHCAL	.					* 99	SWP 9834	H	C	000 04	80 231 15 51	G	81/084	B=115
TFLOOD	PHCAL	.					* 99	SWP 9834	H	C	000 04	80 231 15 51	G	81/084	B=115
TFLOOD	PHCAL	.					* 99	SWP 9834	H	C	000 04	80 231 15 52	G	81/084	B=115
NULL	PHCAL	.					* 99	LWR 8582	L		000 00	80 236 02 45	G	81/075	B=22
NULL	PHCAL	.					* 99	LWR 8583	H		000 06	80 236 02 59	G	81/075	B=70
NULL	PHCAL	.					* 99	LWR 8584	H		000 06	80 236 03 26	G	81/075	B=70
NULL	PHCAL	.					* 99	LWR 8585	H		000 06	80 236 03 43	G	81/075	B=75
NULL	PHCAL	.					* 99	LWR 8586	H		000 00	80 236 04 14	G	81/075	B=25
NULL	PHCAL	.					* 99	LWR 8587	H		000 07	80 236 06 05	G	81/075	B=70
NULL	PHCAL	.					* 99	LWR 8588	H		000 06	80 236 07 29	G	81/075	B=80
NULL	PHCAL	.					* 99	LWR 8589	H		000 06	80 236 07 48	G	81/075	B=80
NULL	PHCAL	.					* 99	LWR 8590	H		000 06	80 236 08 02	G	81/075	B=75
WAVCAL	PHCAL	.				0	* 98	LWR 8682	L	S C	000 00	80 245 01 36	G	81/092	E=100X

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEASE DATE YR DAY	OBSERVERS COMMENTS
WAVCAL	PHCAL	.				0	* 98	LWR 8682	L S	C	000 00	80 245 01 37	G	81/092	E=100X
WAVCAL	PHCAL	.				0	* 98	LWR 8683	H S	C	000 06	80 245 01 58	G	81/092	E=100X
WAVCAL	PHCAL	.				0	* 98	LWR 8683	H S	C	000 15	80 245 01 59	G	81/092	E=100X
TFLOOD	PHCAL	.				0	* 98	LWR 8684	H	C	000 06	80 245 02 24	G	81/092	
TFLOOD	PHCAL	.				0	* 98	LWR 8684	H	C	000 06	80 245 02 24	G	81/092	
TFLOOD	PHCAL	.				0	* 98	LWR 8684	H	C	000 06	80 245 02 25	G	81/092	
WAVCAL	PHCAL	.				0	* 98	SWP 9975	L S	C	000 04	80 245 02 34	G	81/092	E=100X
WAVCAL	PHCAL	.				0	* 98	SWP 9975	L S	C	000 01	80 245 02 35	G	81/092	E=100X
WAVCAL	PHCAL	.				0	* 98	SWP 9976	H S	C	000 00	80 245 02 56	G	81/092	
TFLOOD	PHCAL	.				0	* 98	SWP 9976	H S	C	000 00	80 245 02 57	G	81/092	
TFLOOD	PHCAL	.				0	* 99	SWP 9977	H	C	000 04	80 245 03 19	G	81/092	E=100X
TFLOOD	PHCAL	.				0	* 99	SWP 9977	H	C	000 04	80 245 03 19	G	81/092	E=100X
TFLOOD	PHCAL	.				0	* 99	SWP 9977	H	C	000 04	80 245 03 20	G	81/092	E=100X
T FLOOD	PHCAL	.		0.0			* 99	LWR 8751	L		000 06	80 252 08 07	G	81/098	N/A
T FLOOD	PHCAL	.		0.0			* 99	LWR 8752	L		000 06	80 252 08 56	G	81/098	N/A
T FLOOD	PHCAL	.		0.0			* 99	LWR 8753	L		000 06	80 252 09 30	G	81/098	N/A
T FLOOD	PHCAL	.		0.0			* 99	LWR 8754	H		000 06	80 252 09 56	G	81/141	N/A
T FLOOD	PHCAL	.		0.0			* 99	LWR 8755	L		000 29	80 252 14 44	G	81/098	N/A
WAVCAL	PHCAL	.		0.0			* 98	SWP 10206	L S	C	000 04	80 267 08 29	G	81/105	
WAVCAL	PHCAL	.		0.0			* 98	SWP 10206	L S	C	000 01	80 267 08 31	G	81/105	
WAVCAL	PHCAL	.		0.0			* 98	LWR 8870	L S	C	000 06	80 267 08 34	G	81/105	
WAVCAL	PHCAL	.		0.0			* 98	LWR 8870	L S	C	000 00	80 267 08 35	G	81/105	
WAVCAL	PHCAL	.		0.0			* 98	SWP 10207	H S	C	000 04	80 267 09 18	G	81/117	
WAVCAL	PHCAL	.		0.0			* 98	SWP 10207	H S	C	002 00	80 267 09 19	G	81/117	
T FLOOD	PHCAL	.		0.0			* 99	SWP 10208	H		000 04	80 267 09 46	G	81/117	B=120

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
T FLOOD	PHCAL	.		0.0			* 99	SWP 10208	H		000 04	80 267 09 47	G	81/117	B=120
WAVCAL	PHCAL	.		0.0			* 98	LWR 8871	H S	C	000 06	80 267 10 09	G	81/105	
WAVCAL	PHCAL	.		0.0			* 98	LWR 8871	H S	C	000 15	80 267 10 10	G	81/105	
T FLOOD	PHCAL	.		0.0			* 99	LWR 8872	H		000 06	80 267 10 37	G	81/117	
T FLOOD	PHCAL	.		0.0			* 99	LWR 8872	H		000 06	80 267 10 38	G	81/117	
WAVCAL	PHCAL	.		0.0			* 98	LWR 8917	L S	C	000 06	80 274 08 13	G	81/118	E=255,B=90
WAVCAL	PHCAL	.		0.0			* 98	LWR 8917	L S	C	000 00	80 274 08 14	G	81/118	E=255,B=90
WAVCAL	PHCAL	.		0.0			* 98	LWR 8918	H S	C	000 00	80 274 08 39	G	81/118	E=255,B=105
WAVCAL	PHCAL	.		0.0			* 98	LWR 8918	H S	C	000 00	80 274 08 41	G	81/118	E=255,B=105
T FLOOD	PHCAL	.		0.0			* 99	LWR 8919	H	C	000 06	80 274 09 11	G	81/118	B=122
T FLOOD	PHCAL	.		0.0			* 99	LWR 8919	H	C	000 06	80 274 09 12	G	81/118	B=122
WAVCAL	PHCAL	.		0.0			* 98	SWP 10252	L S	C	000 04	80 274 09 37	G	81/118	E=255,B=100
WAVCAL	PHCAL	.		0.0			* 98	SWP 10252	L L	C	000 01	80 274 09 38	G	81/118	E=255,B=100
WAVCAL	PHCAL	.		0.0			* 98	SWP 10253	H S	C	000 04	80 274 10 00	G	81/118	E=255,B=128
WAVCAL	PHCAL	.		0.0			* 98	SWP 10253	H S	C	002 00	80 274 10 01	G	81/118	E=255,B=128
T FLOOD	PHCAL	.		0.0			* 99	SWP 10254	H		000 04	80 274 10 26	G	81/118	B=88
T FLOOD	PHCAL	.		0.0			* 99	SWP 10254	H		000 04	80 274 10 27	G	81/118	B=88
UV FLOOD	PHCAL	.					* 99	LWR 8930	H	O	001 51	80 275 01 52	G	81/119	B=142
UV FLOOD	PHCAL	.					* 99	LWR 8931	H	O	000 55	80 275 02 24	G	81/119	B=92
UV FLOOD	PHCAL	.					* 99	LWR 8932	H	O	001 51	80 275 02 57	G	81/119	B=142
SAFETYBD	PHCAL	.					* 99	LWP 1258	L		000 00	80 282 06 46	G	81/126	B=52
BULL&BKG	PHCAL	.					* 99	LWP 1260	L		060 00	80 282 07 59	G	81/126	B=90
WAVCAL	PHCAL	.					* 98	LWR 9105	L S	C	000 06	80 294 07 28	G	81/140	B=84
WAVCAL	PHCAL	.					* 98	LWR 9105	L S	C	000 00	80 294 07 29	G	81/140	B=84
WAVCAL	PHCAL	.					* 98	LWR 9106	H S	C	000 06	80 294 07 52	G	81/140	NONE

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
WAVCAL	PHCAL	.					* 98	LWR 9106	H S	C	000 15	80 294 07 53	G	81/140	NONE
UV FLOOD	PHCAL	.					* 99	LWR 9107	H L	C	000 06	80 294 08 03	G	81/147	B=100
WAVCAL	PHCAL	.					* 98	SWP 10424	L S	C	000 04	80 294 08 30	G	81/140	NONE
WAVCAL	PHCAL	.					* 98	SWP 10424	L S	C	000 01	80 294 08 32	G	81/140	NONE
WAVCAL	PHCAL	.					* 98	SWP 10425	H S	C	000 04	80 294 08 53	G	81/140	NONE
WAVCAL	PHCAL	.					* 98	SWP 10425	H	C	002 00	80 294 08 54	G	81/140	NONE
T FLOOD	PHCAL	.					* 99	SWP 10426	H		000 04	80 294 09 05	G	81/147	NONE
WAVCAL	PHCAL	.					* 98	SWP 10427	H S		000 00	80 294 09 35	G	81/147	
WAVCAL	PHCAL	.					* 98	SWP 10427	H L	O	000 05	80 294 09 37	G	81/147	E=2-3X,B=25
NULL	PHCAL	.					* 99	LWR 9176	H	O	000 00	80 303 02 17	G	81/152	B=20
UV FLOOD	PHCAL	.					* 99	LWR 9177	H	O	001 51	80 303 02 47	G	81/152	NONE
UV FLOOD	PHCAL	.					* 99	LWR 9178	H	O	000 36	80 303 03 17	G	81/152	NONE
UV FLOOD	PHCAL	.			E9.00		* 99	LWR 9179	H	O	003 07	80 303 03 45	G	81/152	NONE
UV FLOOD	PHCAL	.					* 99	LWR 9180	H	O	001 51	80 303 04 15	G	81/152	NONE
NULL	PHCAL	.					* 99	LWR 9181	H	O	000 00	80 303 04 38	G	81/152	NONE
NULL IMG	PHCAL	.					* 99	SWP 10565	L		000 00	80 314 08 18	G	81/156	B=20
60% UVF	PHCAL	.					* 99	SWP 10566	L L	O	001 48	80 314 08 46	G	81/156	B=130
10% UVF	PHCAL	.					* 99	SWP 10567	L L	O	000 17	80 314 09 13	G	81/156	B=30
100% UVF	PHCAL	.					* 99	SWP 10568	L L	O	003 01	80 314 09 40	G	81/156	B=200
60% UVF	PHCAL	.					* 99	SWP 10569	L L	O	001 48	80 314 10 08	G	81/156	B=135
NULL IMG	PHCAL	.					* 99	SWP 10570	L		000 00	80 314 10 35	G	81/156	B=20
WAVE CAL	PHCAL	.					* 98	SWP 10631	L L	C	000 01	80 324 04 26	G	81/166	E=10-100X
WAVE CAL	PHCAL	.					* 98	SWP 10631	L L	C	000 01	80 324 04 32	G	81/166	E=10-100X
WAVE CAL	PHCAL	.					* 98	SWP 10632	H L	C	000 04	80 324 04 53	G	81/166	E=10-100X
WAVE CAL	PHCAL	.					* 98	SWP 10632	H S	C	000 04	80 324 04 54	G	81/166	E=10-100X

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVES COMMENTS
TFLOOD	PHCAL	.					*	99	SWP 10633	H L	C	000 05 80	324 05 22	G	81/173	NONE
WAVE CAL	PHCAL	.					*	98	LWR 9335	L S	C	000 06 80	324 05 34	G	81/166	E=10-100X
WAVE CAL	PHCAL	.					*	98	LWR 9335	L S	C	000 06 80	324 05 35	G	81/166	E=10-100X
T FLOOD	PHCAL	.					*	98	LWR 9336	L	C	000 06 80	324 05 57	G	81/173	NONE
WAVE CAL	PHCAL	.					*	98	LWR 9337	H S	C	000 06 80	324 06 18	G	81/166	E-10-100X
WAVE CAL	PHCAL	.					*	98	LWR 9337	H S	C	000 06 80	324 06 19	G	81/166	E-10-100X
WAVCAL	PHCAL	.					*	98	LWR 9413	L S	C	000 06 80	336 03 50	G	81/175	E=100X,B=84
WAVCAL	PHCAL	.					*	98	LWR 9413	L S	C	000 00 80	336 03 51	G	81/175	E=100X,B=84
WAVCAL	PHCAL	.					*	98	LWR 9414	H S	C	000 06 80	336 04 17	G	81/175	E=100X,B=10
WAVCAL	PHCAL	.					*	98	LWR 9414	H S	C	000 15 80	336 04 18	G	81/175	E=100X,B=10
FLATFILD	PHCAL	.					*	99	LWR 9415	L		000 06 80	336 04 44	G	81/183	B=100
WAVCAL	PHCAL	.					*	98	SWP 10719	L S	C	000 04 80	336 05 11	G	81/175	B=100
WAVCAL	PHCAL	.					*	98	SWP 10719	L S	C	000 01 80	336 05 13	G	81/175	B=100
WAVCAL	PHCAL	.					*	98	SWP 10720	H S	C	000 04 80	336 05 38	G	81/175	E=100X,B=70
WAVCAL	PHCAL	.					*	98	SWP 10720	H S	C	002 00 80	336 05 40	G	81/175	E=100X,B=70
FLATFILD	PHCAL	.					*	99	SWP 10721	H		000 04 80	336 06 06	G	81/183	B=65
WAVCAL	PHCAL	.					*	98	SWP 10722	H S	C	000 03 80	336 06 31	G	81/183	B=19
WAVCAL	PHCAL	.					*	98	LWR 9416	H S	C	000 01 80	336 06 33	G	81/183	E=100X,B=24
WAVCAL	PHCAL	.					*	98	LWR 9416	H L	O	000 00 80	336 06 35	G	81/183	E=100X,B=24
WAVCAL	PHCAL	.					*	98	SWP 10722	H L	O	000 01 80	336 06 37	G	81/183	B=19
BACKGRND	BLCDW	00 00 00.0	00 00 00				*	07	LWR 9490	L L	O	382 00 80	348 19 29	G	81/191	B=50
BACKGRND	BLCDW	00 00 00.0	00 00 00				*	07	SWP 10810	L L	O	375 00 80	349 02 51	G	81/191	B=80
BACKGRND	BLCDW	00 00 00.0	00 00 00				*	07	LWR 9502	L L	O	389 00 80	350 19 01	G	81/203	B=58
BACKGRND	BLCDW	00 00 00.0	00 00 00				*	07	SWP 10828	L L	O	360 00 80	352 19 22	G	81/207	E=3-5X,B=40
BACKGRND	EGCJC	00 00 00.0	00 00 00				*	07	SWP 10672	L L	O	200 00 80	329 21 13	G	81/177	E=5-10X,B=45

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
BACKGRND	EGCJC	00 00 00.0	00 00 00				*	07	LWR 9382	L	L	O 234 00	80 330 02 58	G	81/177	B=56
BACKGRND	EGCJC	00 00 00.0	00 00 00				*	07	SWP 10674	L	L	O 120 00	80 330 08 04	G	81/183	B=197,B=78
BACKGRND	EGCJC	00 00 00.0	00 00 00				*	07	LWR 9393	L	L	O 410 00	80 331 20 37	G	81/183	B=58
BACKGRND	EGCJC	00 00 00.0	00 00 00				*	07	LWR 9401	L	L	O 286 00	80 333 21 01	G	81/183	B=55
BACKGRND	EGCJC	00 00 00.0	00 00 00				*	07	SWP 10718	L	L	O 165 00	80 336 00 09	G	81/183	B=197,B=32
*CMT ENKE	HK416	00 00 00.0	+31 51 00	12.8			*	6	LWR 9220	L	L	O 240 00	80 308 12 16	V	/	174
*CMT ENKE	HK416	00 00 00.0	+31 51 00	12.8			*	6	SWP 10530	L	L	O 200 00	80 308 12 22	V	/	082 NUCLEUS IN LWLA
*CMT ENKE	HK416	00 00 00.0	+31 51 00	12.8			*	6	SWP 10531	L	L	O 040 00	80 308 16 08	V	/	170 NUCLEUS IN SWLA
*CMT ENKE	HK416	00 00 00.0	+31 51 00	12.8			*	6	LWR 9221	H	L	O 140 00	80 308 16 52	V	/	056 NUCLEUS IN LWLA
*CMT ENKE	HK416	00 00 00.0	+31 51 00	12.8			*	6	SWP 10532	L	L	O 15 00	80 308 17 22	V	/	050 NUCLEUS IN LWLA
*CMT ENKE	HK416	00 00 00.0	+31 51 00	12.8			*	6	SWP 10533	L	L	O 15 00	80 308 18 18	V	/	050 NUCLEUS IN LWLA
*GEO CORN	HK416	00 00 00.0	+29 18 00	12.8			*	6	SWP 10534	L	L	O 20 00	80 308 19 25	V	/	020 LY ALPHA ONLY
SKY BKGD	IGCAW	00 00 00.0	00 00 00				*	07	LWR 9467	L	L	O 360 00	80 344 19 21	G	81/188	B=53
SKY BKGD	IGCAW	00 00 00.0	00 00 00				*	07	SWP 10796	L	S	O 320 00	80 345 19 38	G	81/188	B=50
BACKGRND	IGCAW	00 00 00.0	00 00 00				*	07	SWP 10802	L	S	O 360 00	80 346 20 05	G	81/191	B=45
*URANUS	MC320	00 00 00.0	-17 49 00	5.8			*	3	SWP 9478	L	S	C 420 00	80 190 21 27	V	/	409 ESA/NASA EXPO
*JUPITER	MC320	00 00 00.0	+09 54 00	0.0			*	3	SWP 9483	H	S	C 800 00	80 191 20 40	V	/	XX9 ESA/NASA EXPO SA
BACKGRND	QSCWS	00 00 00.0	00 00 00	11.5	E0.0		*	07	SWP 9625	L	L	O 767 00	80 210 20 53	G	81/078	B=120
SKY BKGD	QSCWS	00 00 00.0	00 00 00				*	07	LWR 9616	L	L	O 705 00	80 366 16 13	G	/	B=74
SKY BKGD	QSCWS	00 00 00.0	00 00 00				*	07	LWR 9616	H	L	O 705 00	80 366 16 14	G	/	B=74
A63AUSON	SACDM	00 00 00.0	00 00 00	9.5	0.91	G2	V	05	LWR 7879	L	L	O 080 00	80 149 09 16	G	81/002	C=110,B=35
A63AUSON	SACDM	00 00 00.0	00 00 00	9.5	0.91	G2	V	05	LWR 7880	L	L	O 133 20	80 149 11 20	G	81/002	C=140,B=40
349 DENB	SACDM	00 00 00.0	00 00 00	10.3	0.96	G2	V	05	LWR 7881	L	L	O 225 00	80 149 14 41	G	81/002	C=20%X,B=53
349 DENE	SACDM	00 00 00.0	00 00 00	10.3	0.96	G2	V	05	LWR 7882	L	L	O 138 00	80 149 19 23	G	81/002	C=165,B=42
14 IRENE	SACDM	00 00 00.0	00 00 00	9.20	0.82	G2	V	05	LWR 7883	L	L	O 035 00	80 149 22 55	G	81/002	C=100,B=25

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
A63AUSON	SACDM	00	00	00.0	00	00	00	9.5	0.91	G2	V	05	LWR 7899	L	L	0 186	40	80	151	08	45	G	81/002		B=221,C=200,B=50
A14IRENE	SACDM	00	00	00.0	00	00	00	9.2	0.82	G2	V	05	LWR 7900	L	L	0 060	00	80	151	13	14	G	81/001		B=255,C=210,B=33
A8 FLORA	SACDM	00	00	00.0	00	00	00	9.3	0.87	G2	V	05	LWR 7901	L	L	0 090	00	80	151	15	48	G	81/001		C=255,B=40
A8 FLORA	SACDM	00	00	00.0	00	00	00	9.3	0.87	G2	V	05	LWR 7902	L	L	0 062	00	80	151	19	13	G	81/001		C=155,B=32
A15EUNOM	SACDM	00	00	00.0	00	00	00	9.5	0.81	G2	V	05	LWR 7903	L	L	0 065	00	80	151	22	23	G	81/001		C=180,B=31
16PSYCHE	SACDM	00	00	00.0	00	00	00	9.5		G5	*	05	LWR 9481	L	L	0 075	00	80	347	19	39	G	81/191		C=1.5X,B=30
16PSYCHE	SACDM	00	00	00.0	00	00	00	9.5		G5	*	05	LWR 9482	L	L	0 055	00	80	347	21	38	G	81/191		C=1.5X,B=26
16PSYCHE	SACDM	00	00	00.0	00	00	00	9.5		G5	*	05	FES 1285	D	2	020	00	80	347	22	29	G	81/187		
16PSYCHE	SACDM	00	00	00.0	00	00	00	9.8		G5	*	05	LWR 9483	L	L	0 030	00	80	347	23	29	G	81/191		C=165,B=28
704	SACDM	00	00	00.0	00	00	00	10.5		G5	*	05	LWR 9484	L	L	0 075	00	80	348	01	20	G	81/191		C=185,B=32
704	SACDM	00	00	00.0	00	00	00	10.5		G5	*	05	FES 1286	D	2	020	00	80	348	01	28	G	81/187		
704	SACDM	00	00	00.0	00	00	00	10.5		G5	*	05	LWR 9485	L	L	0 015	00	80	348	03	09	G	81/203		C=195,B=35
704	SACDM	00	00	00.0	00	00	00	10.5		G5	*	05	FES 1287	D	2	020	00	80	348	03	17	G	81/187		
7 IRIS	SACDM	00	00	00.0	00	00	00	8.8		G5	*	05	LWR 9486	L	L	0 019	10	80	348	05	31	G	81/203		C=120,B=30
7 IRIS	SACDM	00	00	00.0	00	00	00	8.8		G5	*	05	LWR 9487	L	L	0 050	00	80	348	06	22	G	81/203		C=270,B=30
6 HEBE	SACDM	00	00	00.0	00	00	00	8.2		G5	*	05	LWR 9488	L	L	0 050	00	80	348	08	20	G	81/203		C=2X,B=32
2 PALLAS	SACDM	00	00	00.0	00	00	00	8.5		G5	*	05	LWR 9493	L	L	0 020	00	80	349	18	31	G	81/191		C=220,B=24
2 PALLAS	SACDM	00	00	00.0	00	00	00	8.5		G5	*	05	LWR 9494	L	L	0 020	00	80	349	19	22	G	81/191		C=225,B=23
6 HEBE	SACDM	00	00	00.0	00	00	00	8.2		G2	V	05	LWR 9495	L	L	0 030	00	80	349	20	36	G	/		C=240,B=24
6 HEBE	SACDM	00	00	00.0	00	00	00	8.2		G2	V	05	LWR 9496	L	L	0 025	00	80	349	21	36	G	81/191		C=205,B=25
10HYGIEA	SACDM	00	00	00.0	00	00	00	10.8		G2	V	05	LWR 9497	L	L	0 015	00	80	349	23	07	G	81/191		C=220,B=40
10HYGIEA	SACDM	00	00	00.0	00	00	00	10.8		G5	*	05	LWR 9498	L	L	0 120	00	80	350	02	10	G	81/203		C=200,B=40
23THALIA	SACDM	00	00	00.0	00	00	00	9.5		G5	*	05	LWR 9499	L	L	0 060	00	80	350	06	04	G	81/203		C=200,B=37
23THALIA	SACDM	00	00	00.0	00	00	00	9.48		G5	*	05	LWR 9500	L	L	0 040	00	80	350	07	27	G	81/203		C=180,B=37
CERES	SACDM	00	00	00.0	00	00	00	6.98		G5	*	05	LWR 9501	L	L	0 005	00	80	350	09	15	G	81/203		C=140,B=20

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
EUROPA	SJCDM	00	00	00.0	00	00	00	4.9		G2	V		04 LWR 7473	L	L	O	002	29	80	101	10	52	G	80/	343	C=255,3X,B=20
*JUP MAG.	SJCDM	00	00	00.0	00	00	00	18				*	08 SWP 8723	L	L	O	540	00	80	101	11	35	G	80/	343	B=2X,B=140
*JUP MAG.	SJCDM	00	00	00.0	00	00	00	18				*	08 SWP 8723	L	S	O	540	00	80	101	11	36	G	80/	343	B=2X,B=140
EUROPA	SJCDM	00	00	00.0	00	00	00	+18		G2	V		04 LWR 7474	L	L	O	001	54	80	101	14	04	G	80/	328	B=250,C=210,B=20
GANYMEDE	SJCDM	00	00	00.0	00	00	00	5.5		G2	V		04 LWR 7475	L	L	O	017	00	80	101	21	05	G	80/	343	C=195,B=30
GANYMEDE	SJCDM	00	00	00.0	00	00	00	4.7		G2	V		04 LWR 7476	L	L	O	001	29	80	101	21	52	G	80/	328	C=230,B=25
CALLISTO	SJCDM	00	00	00.0	00	00	00	5.9		G2	V		04 LWR 7477	L	L	O	003	19	80	101	22	29	G	80/	325	C=180,B=25
GANYMEDE	SJCDM	00	00	00.0	00	00	00	4.9		G2	V		04 LWR 7478	L	L	O	001	14	80	101	23	04	G	80/	328	C=200,B=25
CALLISTO	SJCDM	00	00	00.0	00	00	00	5.8		G2	V		04 LWR 7479	L	L	O	003	29	80	101	23	43	G	80/	336	C=180,B=25
EUROPA	SJCDM	00	00	00.0	00	00	00	5.3		G2	V		04 LWR 7480	H	L	O	050	00	80	102	00	50	G	80/	343	C=195,B=35
J EUROPA	SJCDM	00	00	00.0	00	00	00	6.0	0.82	G5	V		04 LWR 7695	H	L	O	150	00	80	127	19	57	G	81/	207	C=205,B=80
IO TORUS	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8886	L	L	O	480	00	80	123	08	46	G	80/	357	B=126,B=60
IO TORUS	SJCHM	00	00	00.0	00	00	00	-1.80				III	03 SWP 8886	L	S	O	480	00	80	123	08	46	G	80/	357	B=126,B=60
BACKGROU	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8887	L	L	O	015	00	80	123	17	20	G	80/	357	B=40,B=15
BACKGRND	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8888	L	L	O	015	00	80	123	18	15	G	80/	344	C=54,B=15
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8889	L	L	O	005	00	80	123	19	05	G	80/	344	B=88LYM,C=1.5X,B=26
SOUTH PL	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8890	L	L	O	015	00	80	123	20	11	G	80/	338	B=164,B=5X,B=21
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8891	L	L	O	015	00	80	123	21	07	G	80/	338	B=201LYMX,C=5X,B=20
NORTH PL	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8892	L	L	O	015	00	80	123	22	02	G	80/	345	B=138,C=220,B=23
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8893	L	L	O	015	00	80	123	22	52	G	80/	338	B=197,C=5X,B=20
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8901	L	L	O	015	00	80	124	16	40	G	80/	344	B=171,C=5X,B=15
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8902	L	L	O	015	00	80	124	17	35	G	80/	344	B=217,C=5X,B=20
STH PL	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8903	L	L	O	015	00	80	124	18	28	G	80/	344	B=180,C=5X,B=15
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.80				*	03 SWP 8904	L	L	O	015	00	80	124	19	21	G	80/	344	B=161,C=5X,B=20
NORTH PL	SJCHM	00	00	00.0	00	00	00					*	03 SWP 8905	L	L	O	015	00	80	124	20	14	G	80/	338	B=183,C=5,B=20

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
SAT N PL	SJCHM	00	00	00.0	00	00	00	1.1			* 03	SWP 8906	L	L	O 030	00	80	124	21	16	G	80/338		E=127,C=5X,B=20
SAT S PL	SJCHM	00	00	00.0	00	00	00	1.1			* 03	SWP 8907	L	L	O 030	00	80	124	22	14	G	80/338		E=124,C=5X,B=24
SATURN	SJCHM	00	00	00.0	00	00	00	1.1			* 03	LWR 7657	L	L	O 001	00	80	124	22	54	G	80/337		C=6X,B=25
SATURN	SJCHM	00	00	00.0	00	00	00	1.1			* 03	SWP 8908	L	L	O 015	00	80	124	23	21	G	80/357		E=73,C=5X,B=15
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.80		0	* 03	SWP 8934	L	L	O 015	00	80	126	22	01	G	80/344		C=210,B=20
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.80		0	* 03	LWR 7682	L	L	O 000	29	80	126	22	59	G	80/344		C=10-15X,B=20
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.80		0	* 03	SWP 8935	L	L	O 015	00	80	126	23	02	G	80/344		C=183,C=10-15X,B=20
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	LWR 8209	L	L	O 000	29	80	191	16	55	G	81/034		C=255,5-10X,B=28
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	SWP 9480	L	L	O 015	00	80	191	17	10	G	81/034		C=255,¬5X,B=32
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	LWR 8210	L	L	O 000	29	80	191	17	52	G	81/042		C=255,¬5X
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	SWP 9481	L	L	O 015	00	80	191	18	25	G	81/042		C=247,2X,B=43
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	LWR 8211	L	L	O 000	29	80	191	18	54	G	81/042		255,¬3X,B=28
JUPITER	SJCHM	00	00	00.0	00	00	00	¬1.4		0	* 03	SWP 9482	L	L	O 005	00	80	191	19	23	G	81/042		C=255,¬3X,B=27
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	LWR 8227	L	L	O 000	04	80	194	13	05	G	81/042		C=255,3X,B=28
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	SWP 9503	L	L	O 005	00	80	194	13	27	G	81/042		C=255,3X,B=24
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	LWR 8228	L	L	O 000	02	80	194	14	00	G	81/042		E-250,B=255,B=25
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	SWP 9504	L	L	O 015	00	80	194	14	38	G	81/042		C=255,10X,B=31
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	LWR 8229	L	L	O 000	02	80	194	15	13	G	81/042		E=255,2X,C=240,B=23
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	SWP 9505	L	L	O 005	00	80	194	15	45	G	81/042		C=118,B=23
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	LWR 8230	L	L	O 000	02	80	194	16	42	G	81/042		E=255,2X,C=200,B=28
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	SWP 9506	L	L	O 005	00	80	194	16	46	G	81/042		C=255,B=22
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	LWR 8231	L	L	O 000	02	80	194	17	35	G	81/042		E=249,C=220,B=22
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	SWP 9507	L	L	O 015	00	80	194	17	38	G	81/042		C=256,B=30
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	LWR 8232	L	L	O 000	29	80	194	18	31	G	81/042		C=255,10X,B=28
JUPITER	SJCHM	00	00	00.0	00	00	00	-1.4		0	* 03	SWP 9508	L	L	O 015	00	80	194	18	40	G	81/042		C=255,10X,B=22

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
JUPITER	SJCHH	00	00	00.0	00	00	00	-1.4		0	*	03	SWP 9509	L	L	0	015	00	80	194	19	23	G	81/042	C=255,10X,B=20
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7926	L	S	0	000	01	80	154	08	04	G	81/002	C=65,B=30
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7927	L	S	0	000	03	80	154	09	00	G	81/002	E=104,C=81,B=22
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7927	L	L	0	000	01	80	154	09	04	G	81/002	B=22
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7928	L	S	0	000	03	80	154	09	43	G	81/012	E=205,C=150,B=30
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7928	L	L	0	000	01	80	154	09	48	G	81/012	E=205,C=150,B=30
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7929	L	S	0	000	13	80	154	13	30	G	81/012	C=255,2-3X,B=25
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7929	L	L	0	000	13	80	154	13	31	G	81/012	C=255,2-3X,B=25
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7930	H	S	0	007	00	80	154	14	12	G	80/357	B=25
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7931	L	S	0	000	07	80	154	15	14	G	80/357	B=25
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7932	H	S	0	015	00	80	154	16	06	G	81/012	C=240,B=50
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	SWP 9179	L	S	0	001	39	80	154	16	24	G	81/012	C=40,B=25
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7933	H	S	0	011	00	80	154	17	13	G	81/002	C=210,B=35
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7934	H	S	0	011	00	80	154	18	07	G	81/002	C=210,B=35
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7935	H	S	0	023	00	80	154	18	49	G	81/002	C=2-3X,B=75
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	SWP 9180	L	S	0	010	00	80	154	19	43	G	81/002	C=105,B=30
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7936	L	S	0	000	09	80	154	20	15	G	81/002	C=165,B=25
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	LWR 7937	L	S	0	000	39	80	154	20	51	G	81/002	C=2-3X,B=25
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7946	L	S	0	000	10	80	156	07	16	G	81/054	C=170,B=21
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	SWP 9190	L	S	0	020	00	80	156	07	19	G	81/002	C=140,B=22
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7947	H	S	0	012	00	80	156	08	00	G	81/054	E=251,C=225,B=32
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7948	H	S	0	011	00	80	156	08	51	G	81/002	E=240,C=220,B=30
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7949	L	S	0	000	09	80	156	10	15	G	81/002	E=140,C=110,B=20
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	SWP 9191	L	S	0	020	00	80	156	10	20	G	81/012	C=89,B=22
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7950	H	S	0	013	00	80	156	11	13	G	81/008	C=200,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7951	H	S	O	030	00	80	156	12	04	G	81	012	E=255,C=255,B=38
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7952	L	S	O	000	15	80	156	14	52	G	80	359	B=20
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	SWP 9192	L	S	O	025	00	80	156	15	00	G	80	359	
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7953	L	S	O	000	19	80	156	16	10	G	80	359	B=20
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7954	L	S	O	000	19	80	156	16	57	G	81	008	C=140,B=25
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7955	H	S	O	030	00	80	156	17	48	G	80	359	B=50
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7956	H	S	O	045	00	80	156	19	08	G	81	008	C=150,B=65
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6	0.03	G2	V	03	LWR 7957	H	S	O	021	32	80	156	20	31	G	81	008	C=250,B=40
JUPITER	SJCJT	00	00	00.0	00	00	00	-1.6		G2	V	03	SWP 9193	L	S	O	030	00	80	156	21	06	G	81	008	C=190,B=25
*JUP BACK	SJCMB	00	00	00.0	00	00	00				*	07	LWR 7799	L	L	O	010	00	80	140	10	04	G	80	351	C=75,B=27
*JUP BACK	SJCMB	00	00	00.0	00	00	00				*	07	LWR 7800	L	L	O	010	00	80	140	11	05	G	80	353	C=80,B=25
IO	SJCMB	00	00	00.0	00	00	00				*	04	LWR 7801	L	L	O	020	00	80	140	12	12	G	80	353	C=180,B=23
IO	SJCMB	00	00	00.0	00	00	00				*	04	LWR 7802	L	L	O	020	00	80	140	14	08	G	80	353	C=180,B=27
IO	SJCMB	00	00	00.0	00	00	00				*	04	LWR 7803	L	L	O	020	00	80	140	15	15	G	80	345	C=¬200,B=28
*IOBKGRND	SJCME	00	00	00.0	00	00	00				*	07	LWR 7910	L	L	O	015	00	80	152	16	59	G	80	356	
*IO	SJCMB	00	00	00.0	00	00	00				*	07	LWR 7911	L	L	O	020	00	80	152	17	55	G	80	359	C=85,B=32
JUPITER	SJCMB	00	00	00.0	00	00	00				*	03	SWP 9163	L	L	O	010	00	80	152	18	35	G	80	359	B=133,C=4-5X,C=20
JUPITER	SJCMB	00	00	00.0	00	00	00				*	03	SWP 9164	H	L	O	040	00	80	152	19	58	G	81	002	E=113,C=50%,B=22
IO	SJCME	00	00	00.0	00	00	00				*	04	LWR 7912	L	L	O	020	00	80	152	21	35	G	80	359	C=190,B=25
IO	SJCMB	00	00	00.0	00	00	00				*	04	LWR 7913	L	L	O	020	00	80	152	22	50	G	80	359	C=85,B=32
IO	SJCMB	00	00	00.0	00	00	00				*	04	LWR 7914	L	L	O	008	00	80	152	23	38	G	80	359	C=95,B=23
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10865	L	S	O	010	00	80	357	19	27	G	/		C=2X,B=22
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10865	L	L	O	010	00	80	357	19	28	G	/		C=2X,B=22
JUP BKG	SJCME	00	00	00.0	00	00	00	1.0		G5	V	07	SWP 10866	L	S	O	010	00	80	357	20	11	G	/		E=43,B=13
JUP BKG	SJCME	00	00	00.0	00	00	00	1.0		G5	V	07	SWP 10866	L	L	O	010	00	80	357	20	12	G	/		E=43,B=13

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10867	L S	O	010	00	80	357	20	54	G	/		E=146,C=2X,B=21
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10867	L L	O	010	00	80	357	20	55	G	/		E=146,C=2X,B=21
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10868	L S	O	010	00	80	357	21	38	G	81/208		E=160,C=2X,B=21
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10868	L L	O	010	00	80	357	21	39	G	81/208		E=160,C=2X,B=21
JUP BKG	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10869	L S	O	010	00	80	357	22	14	G	81/208		E=62,B=16
JUP BKG	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10869	L L	O	010	00	80	357	22	15	G	81/208		E=62,B=16
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10870	L S	O	010	00	80	357	22	57	G	81/208		E=186,C=2X,B=21
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10870	L L	O	010	00	80	357	22	58	G	81/208		E=186,C=2X,B=21
JUP BKGD	SJCMB	00	00	00.0	00	00	00				*	07	SWP 10871	L S	O	010	00	80	357	23	38	G	81/208		E=146,B=22
JUP BKGD	SJCMB	00	00	00.0	00	00	00				*	07	SWP 10871	L L	O	010	00	80	357	23	39	G	81/208		E=146,B=22
JUP BKG	SJCMB	00	00	00.0	00	00	00				*	03	SWP 10873	L S	O	010	00	80	358	02	25	G	81/209		E=96,B=13
JUP BKG	SJCMB	00	00	00.0	00	00	00				*	03	SWP 10873	L L	O	010	00	80	358	02	26	G	81/209		E=96,B=13
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10874	L S	O	010	00	80	358	03	13	G	81/209		E=151,C=2X,B=21
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		G5	V	03	SWP 10874	L L	O	010	00	80	358	03	14	G	81/209		E=151,C=2X,B=21
JUP BKG	SJCMB	00	00	00.0	00	00	00				*	03	SWP 10875	L S	O	010	00	80	358	03	52	G	81/209		E=55,B=14
JUP BKG	SJCMB	00	00	00.0	00	00	00				*	03	SWP 10875	L L	O	010	00	80	358	03	53	G	81/209		E=55,B=14
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		65	V	03	SWP 10876	L S	O	010	00	80	358	04	39	G	/		E=164,C=2X,B=17
JUP LY A	SJCMB	00	00	00.0	00	00	00	1.0		65	V	03	SWP 10876	L L	O	010	00	80	358	04	40	G	/		E=164,C=2X,B=17
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	SWP 8706	H L	O	480	00	80	099	12	58	G	80/314		C=20X,B=140
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7453	L S	O	000	08	80	099	20	07	G	80/325		C=185,B=20
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7454	L S	O	000	11	80	099	20	38	G	80/328		C=180,B=25
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7455	L S	O	000	11	80	099	21	07	G	80/325		C=190,B=25
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7456	L S	O	000	11	80	099	21	34	G	80/325		C=170,B=25
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7457	L S	O	000	11	80	099	22	02	G	80/325		C=230,B=25
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7458	L S	O	000	11	80	099	22	31	G	80/325		C=220,B=25

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7459	L	S	O 000	11	80	099	23	01	G	80	321	C=220,B=25
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7460	L	S	O 000	11	80	099	23	31	G	90	321	C=190,B=25
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7461	L	S	O 001	14	80	099	23	58	G	80	321	C=6X,B=28
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7462	L	S	O 001	14	80	100	00	39	G	80	321	C=6X,B=25
MARS	SMCAL	00	00	00.0	00	00	00	-0.1		G2	V	03	LWR 7463	L	S	O 000	11	80	100	01	18	G	80	314	C=220,B=25
0000MARS	SMCAL	00	00	00.0	00	00	00	0.5	0.0	G2	V	03	LWR 7689	L	S	C 000	09	80	127	16	40	G	80	342	C=185,B=20
0000MARS	SMCAL	00	00	00.0	00	00	00	0.5	0.0	G2	V	03	LWR 7690	L	S	O 000	09	80	127	17	11	G	80	342	C=170,B=25
0000MARS	SMCAL	00	00	00.0	00	00	00	0.5	0.0	G2	V	03	LWR 7691	L	S	O 000	09	80	127	17	43	G	80	342	C=185,B=25
0000MARS	SMCAL	00	00	00.0	00	00	00	0.5	0.0	G2	V	03	LWR 7692	L	S	O 000	09	80	127	18	10	G	80	342	C=165,B=25
0000MARS	SMCAL	00	00	00.0	00	00	00	0.5	0.0	G2	V	03	LWR 7693	L	S	O 000	10	80	127	18	38	G	80	342	C=210,B=25
0000MARS	SMCAL	00	00	00.0	00	00	00	0.5	0.0	G2	V	03	LWR 7694	L	S	O 000	10	80	127	19	04	G	80	342	C=180,B=25
MCCN	SMCAL	00	00	00.0	00	00	00	-7.0	E0.0	G2	V	02	LWR 8626	L	L	O 000	01	80	240	10	45	G	81	089	C=210,1.5-2X,B=30
MCCN	SMCAL	00	00	00.0	00	00	00	-7.0	E0.0	G2	V	02	LWR 8626	L	S	C 007	00	80	240	10	48	G	81	089	C=200,1.5-2X,B=30
MCCN	SMCAL	00	00	00.0	00	00	00	-7.0	E0.0	G2	V	02	SWP 9915	L	S	C 008	30	80	240	10	50	G	81	089	C=160,B=15
MCCN	SMCAL	00	00	00.0	00	00	00	-7.0	E0.0	G2	V	02	SWP 9915	L	L	O 003	29	80	240	10	57	G	81	089	C=3X,B=15
MCCN	SMCAL	00	00	00.0	00	00	00	-7.0	E0.0	G2	V	02	SWP 9916	L	S	C 015	00	80	240	12	03	G	81	089	C=180,B=15
MCCN	SMCAL	00	00	00.0	00	00	00	-7.0	E0.0	G2	V	02	LWR 8627	H	S	C 004	30	80	240	12	07	G	81	099	C=270,B=30
MCCN	SMCAL	00	00	00.0	00	00	00	-7.0	E0.0	G2	V	02	SWP 9917	H	L	O 030	00	80	240	13	31	G	81	099	C=2-3X,B=50
MCCN	SMCAL	00	00	00.0	00	00	00	-7.0	E0.0	G2	V	02	LWR 8628	H	S	C 003	14	80	240	13	45	G	81	089	C=205,B=30
MCCN	SMCAL	00	00	00.0	00	00	00	-7.0	E0.0	G2	V	02	FES 1263	F		160	00	80	240	14	12	G	81	079	
UAPR1580	SPCJC	00	00	00.0	00	00	00	5.5	0.6	G5	V	03	SWP 8765	L	S	O 390	00	80	106	10	57	G	80	330	C=255,B=95
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2	V	03	LWR 7509	L	L	O 000	09	80	106	18	35	G	80	331	B=255,C=255,B=25
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2	V	03	LWR 7509	L	S	C 000	44	80	106	18	41	G	80	331	B=255,C=200,B=25
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2	V	03	SWP 8766	L	L	O 045	00	80	106	18	52	G	80	331	C=255,B=87
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	-0.08	G2	V	03	LWR 7510	L	L	O 014	23	80	106	19	43	G	80	331	C=255,100X,B=50

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	-0.08	G2		V	03 SWP 8767	L	L	0 020	00	80	106	20	18	G	80/331		C=255,3X,B=38
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2		V	03 LWR 7511	L	L	0 007	00	80	106	20	44	G	80/331		C=255,50X,B=50
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2		V	03 LWR 7511	L	S	C 020	00	80	106	20	55	G	80/331		C=255,70X,B=255
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2		V	03 SWP 8768	L	L	0 060	00	80	106	21	27	G	80/331		C=255,8X,B=52
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2		V	03 LWR 7512	L	L	0 003	00	80	106	22	30	G	80/329		C=255,30X,B=34
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2		V	03 LWR 7512	L	S	C 008	00	80	106	22	37	G	80/329		C=255,35X,B=34
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.0	G2		V	03 SWP 8769	L	L	0 040	00	80	106	23	02	G	80/331		C=255,6X,B=62
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2		V	03 LWR 7513	L	L	0 001	00	80	106	23	51	G	80/329		C=255,6X,B=27
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2		V	03 LWR 7513	L	S	C 003	00	80	106	23	56	G	80/329		C=255,10X,B=27
SATURN	SPCJC	00	00	00.0	00	00	00	0.95	0.8	G2	5	*	03 SWP 8770	L	L	0 065	00	80	107	00	23	G	80/331		C=255,8X,B=56
URANUS	SPCJC	00	00	00.0	00	00	00	5.8	-0.08	G5		V	03 SWP 9478	L	S	C 840	00	80	190	21	27	G	81/034		C=255,5X,B=120
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2V		*	03 SWP 9483	H	S	C 720	00	80	192	08	00	G	81/042		C= 80,B=123
JUPITER	SPCJC	00	00	00.0	00	00	00	-1.4				*	03 LWR 8212	L	S	C 040	00	80	192	08	50	G	81/042		C=100X,B=95
JUPITER	SPCJC	00	00	00.0	00	00	00	-1.4				*	03 SWP 9484	L	S	C 040	00	80	192	09	41	G	81/042		C=256,B=22
JUPITER	SPCJC	00	00	00.0	00	00	00	-1.4				*	03 LWR 8213	L	S	C 015	00	80	192	10	30	G	81/042		C=100X,B=32
JUPITER	SPCJC	00	00	00.0	00	00	00	-1.4		G2		V	03 SWP 9485	L	S	C 040	00	80	192	11	06	G	81/042		C=210,B=42
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2		V	03 LWR 8214	L	S	C 040	00	80	192	12	00	G	81/042		C=255,100X,B=60
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2		V	03 SWP 9486	L	S	C 040	00	80	192	12	54	G	81/042		C=255,1.5X,B=92
JUPITER	SPCJC	00	00	00.0	00	00	00	8		G2		V	03 SWP 9487	L	L	0 015	00	80	192	14	36	G	81/042		C=255,20X,B=40
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2		V	03 SWP 9488	L	L	0 015	00	80	192	15	29	G	81/042		C=255,20X,B=38
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2		V	03 SWP 9489	L	L	0 020	00	80	192	16	20	G	81/042		C=255,20X,B=48
JUPREDSP	SPCJC	00	00	00.0	00	00	00	-2		G2		V	03 SWP 9490	L	L	0 015	00	80	192	17	30	G	81/042		C=255,20X,B=66
JUPITER	SPCJC	00	00	00.0	00	00	00	-1.6		G2		V	03 LWR 8215	L	S	0 015	00	80	192	18	34	G	81/042		C=255,10X,B=38
JUPITER	SPCJC	00	00	00.0	00	00	00	-1.6		G25	III		03 LWR 8215	L	L	0 015	00	80	192	18	35	G	81/042		C=255,10X,B38
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2		V	03 SWP 9491	L	L	0 020	00	80	192	19	11	G	81/042		C=255,20¬X,B=29

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	LWR 9507	L	S	0	001	39	80	352	03	00	G	81/203	C=6X,B=2
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	SWP 10823	L	S	0	030	00	80	352	03	20	G	81/203	C=200,B=32
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	LWR 9508	L	S	0	001	00	80	352	04	21	G	81/203	C=3X,B=25
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	SWP 10824	L	S	0	030	00	80	352	05	09	G	81/203	C=200,B=25
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	LWR 9509	L	S	0	000	40	80	352	05	50	G	81/203	C=2X,B=25
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	LWR 9510	L	S	0	000	24	80	352	06	25	G	81/203	C=1.5X,B=28
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	LWR 9511	L	S	0	002	29	80	352	06	58	G	81/207	C=8X,B=30
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	LWR 9512	L	S	0	003	19	80	352	07	37	G	81/207	10X,B=27
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	LWR 9513	L	S	0	006	39	80	352	08	23	G	81/207	C=20X,B=27
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	SWP 10825	L	S	0	030	00	80	352	08	47	G	81/207	C=195,B=27
JUPITER	SPCJC	00	00	00.0	00	00	00	-2		G2	V	03	LWR 9514	L	S	0	006	39	80	352	09	25	G	81/207	C=40X,B=25
SATURN	SPCJC	00	00	00.0	00	00	00	+2			*	03	LWR 9522	L	L	0	000	29	80	353	07	41	G	81/207	C=25X,B=30
SATURN	SPCJC	00	00	00.0	00	00	00	+2			*	03	SWP 10829	L	L	0	010	00	80	353	07	45	G	81/203	C=160,B=27
SATURN	SPCJC	00	00	00.0	00	00	00	+2			*	03	LWR 9523	L	L	0	000	11	80	353	08	44	G	81/203	C=2X,B=25
SATURN	SPCJC	00	00	00.0	00	00	00	+2			*	03	SWP 10830	L	L	0	025	00	80	353	08	47	G	81/203	C=2X,B=24
SATURN	SPCJC	00	00	00.0	00	00	00	+2			*	03	LWR 9524	L	L	0	000	05	80	353	09	23	G	/	C=205,B=22
SATURN	SPCJC	00	00	00.0	00	00	00	+2		G2	V	03	LWR 9528	L	L	0	000	06	80	354	07	12	G	81/207	C=5X,B=32
SATURN	SPCJC	00	00	00.0	00	00	00	+2		G2	V	03	SWP 10833	L	L	0	060	00	80	354	07	36	G	81/207	C=13X,B=42
SATURN	SPCJC	00	00	00.0	00	00	00	+2		G2	V	03	LWR 9529	L	L	0	002	29	80	354	08	44	G	81/207	C=13X,B=42
SATURN	SPCJC	00	00	00.0	00	00	00	+2		G2	V	03	LWR 9530	L	L	0	006	00	80	354	09	16	G	81/207	C=30X,B=60
SATURN	SSCHM	00	00	00.0	00	00	00			0	*	03	LWR 7678	L	L	0	002	00	80	126	16	43	G	80/336	C=10-15X,B=30
SATURN	SSCHM	00	00	00.0	00	00	00			0	*	03	SWP 8930	L	L	0	030	00	80	126	17	05	G	80/336	B=182,C=4X,B=25
SATURN	SSCHM	00	00	00.0	00	00	00	1.1		0	*	03	LWR 7679	L	L	0	002	00	80	126	18	04	G	80/336	C=10-15X,B=25
SATURN	SSCHM	00	00	00.0	00	00	00	1.1		0	*	03	SWP 8931	L	L	0	030	00	80	126	18	12	G	80/336	B=174X,C=4X,B=25
SATURN	SSCHM	00	00	00.0	00	00	00	1.1		0	*	03	LWR 7680	L	L	0	002	00	80	126	19	09	G	80/336	C=10-15,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
SATURN	SSCHN	00	00	00.0	00	00	00	1.1		0	* 03	SWP 8932	L	L	0 030	00	80	126	19	18	G	80/336	E=133,C=4X,B=25
SATURN	SSCHN	00	00	00.0	00	00	00	1.1		0	* 03	LWR 7681	L	L	0 002	00	80	126	20	19	G	80/336	C=10-15,B=25
TITAN	SSCHN	00	00	00.0	00	00	00	-1.80		0	* 03	SWP 8933	L	L	0 030	00	80	126	20	30	G	80/344	E=81,B=25
SATURN	SSCHN	00	00	00.0	00	00	00			0	* 03	SWP 8959	L	L	0 120	00	80	130	16	37	G	80/345	E=5-10X,C=8-10X,B=60
SATURN	SSCHN	00	00	00.0	00	00	00	+1.1		0	* 03	LWR 7712	L	L	0 002	00	80	130	18	41	G	80/345	C=15X,B=35
SATURN	SSCHN	00	00	00.0	00	00	00	+1.1		0	* 03	SWP 8960	L	L	0 030	00	80	130	19	13	G	80/345	E=126,C=2-3X,B=30
SATURN	SSCHN	00	00	00.0	00	00	00	+1.1		0	* 03	LWR 7713	L	L	0 002	00	80	130	19	47	G	80/344	C=5-10X,B=25
SATURN	SSCHN	00	00	00.0	00	00	00			0	* 03	SWP 8961	L	L	0 030	00	80	130	20	16	G	80/344	E=81,B=25
SATURN	SSCHN	00	00	00.0	00	00	00	+1.1		0	* 03	LWR 7714	L	L	0 002	00	80	130	20	57	G	80/344	C=5-10X,B=30
SATURN	SSCHN	00	00	00.0	00	00	00	+1.1		0	* 03	SWP 8962	L	L	0 030	00	80	130	21	22	G	80/344	E=123,C=2-4X,B=25
SATURN	SSCHN	00	00	00.0	00	00	00	+1.1		0	* 03	LWR 7715	L	L	0 002	00	80	130	22	25	G	80/344	C=5-10X,B=25
SATURN	SSCHN	00	00	00.0	00	00	00	+1.1		0	* 03	SWP 8963	L	L	0 050	00	80	130	22	35	G	80/344	E=114,B=25
SATURN	SSCHN	00	00	00.0	00	00	00	+1.1		0	* 03	LWR 7716	L	L	0 001	00	80	130	23	28	G	80/344	C=10-20X,B=30
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	SWP 9561	L	L	0 360	00	80	204	05	07	G	81/056	C=205,20-30X,B=75
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	LWR 8312	L	L	0 000	09	80	204	12	15	G	81/056	C=2-3X,B=25
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	SWP 9562	L	L	0 010	00	80	204	12	45	G	81/056	C=215,B=30
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	LWR 8313	L	L	0 000	07	80	204	13	11	G	81/056	C=1.5X,B=23
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	SWP 9563	L	L	0 030	00	80	204	13	40	G	81/058	C=2-3X,B=45
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	LWR 8314	L	L	0 000	07	80	204	14	14	G	81/058	C=1.5X,B=23
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	SWP 9564	L	L	0 030	00	80	204	14	43	G	81/058	C=2-5X,B=43
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	LWR 8315	L	L	0 000	07	80	204	15	18	G	81/058	C=265,B=23
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	SWP 9565	L	L	0 030	00	80	204	15	45	G	81/058	C=2-5X,B=45
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	LWR 8316	L	L	0 002	00	80	204	16	20	G	81/058	C=20X,B=37
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	SWP 9566	L	L	0 030	00	80	204	16	47	G	81/058	C=2-5X,B=52
SATURN	SSCHN	00	00	00.0	00	00	00	1.4		0	* 03	LWR 8317	L	L	0 002	00	80	204	17	24	G	81/051	C=20X,B=33

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V		SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVER'S COMMENTS
SATURN	SSCHM	00	00	00.0	00	00	00	1.4		0		*	03	SWP 9567	L	L	0	030	00	80	204	17	55	G	81	051	C=2-5X,B=50
SATURN	SSCHM	00	00	00.0	00	00	00	1.4		0		*	03	LWR 8318	L	L	0	000	07	80	204	18	28	G	81	051	C=2X,B=23
SATURN	SSCHM	00	00	00.0	00	00	00	1.4		0		*	03	SWP 9568	L	L	0	030	00	80	204	18	55	G	81	051	C=2-5X,B=38
SATURN	SSCHM	00	00	00.0	00	00	00	1.4		0		*	03	LWR 8319	L	L	0	000	07	80	204	19	27	G	81	058	C=265,B=22
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10615	L	L	0	030	00	80	322	22	02	G	81	188	B=137,C=2-3[illegible],B=34
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10616	L	L	0	030	00	80	322	23	41	G	81	188	B=143,C=2X,B=25
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10619	L	L	0	050	00	80	323	04	10	G	81	188	B=236,C=2-3[illegible],B=44
SATURN	SSCHM	00	00	00.0	00	00	00					*	03	SWP 10620	L	L	0	015	00	80	323	05	09	G	81	167	B=102,B=31
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10621	L	L	0	030	00	80	323	05	50	G	81	188	B=181,C=2-3[illegible],B=42
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10622	L	S	0	060	00	80	323	06	48	G	81	173	B=82,C=120,B=66
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10622	L	L	0	060	00	80	323	06	49	G	81	173	B=175,C=120,B=66
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10623	L	S	0	060	00	80	323	08	14	G	81	188	B=113,C=235,B=115
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10623	L	L	0	060	00	80	323	08	15	G	81	188	B=168,C=235,B=115
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10624	L	S	0	060	00	80	323	09	45	G	81	167	B=111,C=190,B=117
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10624	L	L	0	060	00	80	323	09	46	G	81	167	B=179,C=190,B=117
SATURN	SSCHM	00	00	00.0	00	00	00	1.2				*	03	SWP 10625	L	L	0	020	00	80	323	11	10	G	81	188	B=91,C=1.5-2X,B=36
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V		03	SWP 8734	H	L	0	060	00	80	103	10	59	G	80	331	B=2-3X,B=20-50X,B=25
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V		03	LWR 7489	H	S	0	020	00	80	103	12	14	G	80	325	C=¬8X,B=145
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V		03	SWP 8735	H	L	0	045	00	80	103	12	50	G	80	325	B=¬2X,C=¬35X
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V		03	LWR 7490	H	S	0	015	00	80	103	13	51	G	80	325	C=¬6X,B=132
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V		03	SWP 8736	H	L	0	030	00	80	103	14	25	G	80	325	B=236,C=¬25X
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V		03	LWR 7491	H	S	0	027	00	80	103	15	19	G	80	343	C=¬12X
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V		03	SWP 8737	H	L	0	030	00	80	103	16	02	G	80	343	B=191,C=¬10X,B=87
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V		03	LWR 7492	H	S	0	010	00	80	103	16	42	G	80	343	C=¬4X,B=103
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V		03	SWP 8738	H	L	0	060	00	80	103	17	22	G	80	331	C=50X,B=170

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V	03	LWR 7493	H	S	O	005	00	80	103	18	56	G	80/343	C=2-3X,B=40
VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V	03	SWP 8739	H	L	O	040	00	80	103	19	31	G	80/329	C=50X,B=160
VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V	03	LWR 7494	H	S	O	002	00	80	103	21	46	G	80/323	C=1.5-2X,B=35
VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V	03	SWP 8740	H	L	O	045	00	80	103	21	56	G	80/323	C=5-10X,B=75
VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V	03	LWR 7495	H	S	O	029	00	80	103	23	03	G	80/322	C=30X,B=80
VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V	03	SWP 8741	H	L	O	030	00	80	104	00	02	G	80/329	C=50X,B=140
VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	0.0	G2	V	03	SWP 8742	H	L	O	020	00	80	104	01	06	G	/	C=20X,B=70
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	SWP 9902	H	L	O	025	00	80	239	03	09	G	81/084	C=255,10-20X,B=255,1
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	LWR 8613	L	S	O	000	01	80	239	03	40	G	81/084	E=255,2X,C=200,B=25
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	SWP 9903	H	L	O	025	00	80	239	04	20	G	81/084	E=190,C=160,B=30
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	LWR 8614	L	S	O	000	02	80	239	06	17	G	81/084	E=255,C=255,B=25
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	SWP 9904	H	L	O	040	00	80	239	06	31	G	81/084	E=255,5X,C=255,B=37
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	LWR 8615	L	S	O	000	00	80	239	08	31	G	81/084	C=150,B=25
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	SWP 9905	H	L	O	030	00	80	239	08	37	G	81/084	C=255,20X,B=255,120
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	SWP 9906	H	L	O	040	00	80	239	09	58	G	81/084	C=30X,B=110
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	SWP 9907	H	L	O	027	00	80	239	12	07	G	81/084	C=10-15X,B=70
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	LWR 8616	L	S	O	000	05	80	239	12	39	G	81/084	C=5-10X,B=25
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	LWR 8617	H	S	O	001	00	80	239	14	17	G	81/085	C=270,B=30
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	SWP 9908	H	L	O	027	00	80	239	15	28	G	81/085	C=20-25X,B=160
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	LWR 8618	H	S	O	000	39	80	239	15	58	G	81/085	C=265,B=30
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	LWR 8619	H	S	O	000	27	80	239	17	00	G	81/085	C=265,B=30
000VENUS	SVCAL	00	00	00.0	00	00	00	-4.0	E0.0	G2	V	03	LWR 8620	H	S	O	000	17	80	239	17	32	G	81/085	C=190,B=27
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V	03	LWR 7465	L	L	O	000	04	80	100	12	01	G	80/325	C=255,20X,B=31
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V	03	SWP 8711	L	L	O	005	00	80	100	12	04	G	80/336	C=255,¬10X,B=25
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V	03	SWP 8712	H	L	O	060	00	80	100	13	06	G	80/325	C=255,5-10X,B=¬100

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL		IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V		03	LWR 7466	L	L	O	030	00	80	100	14	46	G	80	325	C=255,¬10-20X,B=32
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V		03	SWP 8713	L	L	O	040	00	80	100	16	50	G	80	325	E=123,C=110,B=30
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V		03	LWR 7467	L	L	O	022	00	80	100	18	27	G	80	325	C=100-500X,B=60
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V		03	LWR 7467	L	S	O	022	00	80	100	18	28	G	80	325	C=100-500X,B=60
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V		03	SWP 8714	H	L	O	030	00	80	100	19	31	G	80	332	C=>50X,B=130
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V		03	SWP 8715	H	L	O	030	00	80	100	20	59	G	80	332	C=10-20X,B=100
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V		03	SWP 8716	H	L	O	030	00	80	100	22	28	G	80	332	E=187,C=20-50X,B=70
VENUS	SVCPF	00	00	00.0	00	00	00					*	03	SWP 8717	H	L	O	045	00	80	101	00	14	G	80	332	C=30?X,B=130
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	SWP 8726	H	L	O	030	00	80	102	11	13	G	80	330	C=255,¬5=10X,B=30
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	LWR 7483	L	L	O	020	00	80	102	11	53	G	80	330	C=255,¬20X,B=35
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	SWP 8727	L	L	O	240	00	80	102	13	14	G	80	330	E=255,C=255,2-5X,B=3
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	SWP 8727	L	S	O	240	00	80	102	13	54	G	80	330	E=255,C=255,B=30
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	LWR 7484	H	L	O	060	00	80	102	15	16	G	80	330	E=255,C=255,B=60
NULL	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	SWP 8728	L	L	O	210	00	80	102	16	35	G	80	321	C=105,B=70
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	LWR 7485	H	L	O	002	00	80	102	18	29	G	80	330	C=10X,B=70
NULL	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	LWR 7486	H			000	00	80	102	19	25	G	80	307	B=25
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	LWR 7487	H	L	O	000	19	80	102	20	05	G	80	330	C=5X,B=30
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	SWP 8729	L	L	O	005	00	80	102	22	02	G	80	332	E=179,C=190,B=25
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	SWP 8729	L	S	O	005	00	80	102	22	03	G	80	332	E=179,C=190,B=25
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	SWP 8730	L	L	O	005	00	80	102	22	56	G	80	330	E=53,C=55,B=15
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	SWP 8730	L	S	O	005	00	80	102	22	57	G	80	330	E=53,C=55,B=15
VENUS	SVCPF	00	00	00.0	00	00	00	-4.1		G2	V		03	SWP 8731	H	L	O	060	00	80	102	23	40	G	80	330	C=10-20X,B=100
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V		03	SWP 8732	L	L	O	005	00	80	103	01	19	G	80	330	E=207,C=10X,B=20
VENUS	SVCPF	00	00	00.0	00	00	00	-4		G2	V		03	SWP 8732	L	S	O	005	00	80	103	01	20	G	80	330	E=207,C=10X,B=20
*A 349	UK359	00	00	00.0	-22	05	00	11.0				*	5	LWR 7878	L	L	O	250	00	80	149	02	59	V	/		504

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*CALLISTO	UK359	00 00 00.0	+11 57 00	5.0			* 4	LWR 7904	L	L	O 002 00	80 152 01 04	V	/	771
*JUPITER	UK359	00 00 00.0	+11 59 00	-2.0			* 3	LWR 7904	L	S	C 003 00	80 152 01 33	V	/	451
*JUPITER	UK359	00 00 00.0	+11 59 00	-2.0			* 3	SWP 9156	H	S	C 325 00	80 152 01 50	V	/	223
*CALLISTO	UK359	00 00 00.0	+11 57 00	5.0			* 4	LWR 7905	L	L	O 000 15	80 152 04 45	V	/	101
*CALLISTO	UK359	00 00 00.0	+11 57 00	5.0			* 4	LWR 7905	L	S	C 000 15	80 152 04 49	V	/	111
*JUPITER	VILSP	00 00 00.0	+12 39 00	-1.9			* 3	SWP 8753	L	L	O 005 00	80 105 03 32	V	/	501 JUPITER CENTER
*SATURN	VILSP	00 00 00.0	+05 47 00	00.9			* 3	SWP 8754	L	L	O 030 00	80 105 04 40	V	/	501
*URANUS	VILSP	00 00 00.0	-18 34 00	05.8			* 3	SWP 8755	L	L	O 060 00	80 105 08 05	V	/	121 SWSA ON URANUS L
*URANUS	VILSP	00 00 00.0	-18 34 00	05.8			* 3	SWP 8755	L	S	O 077 00	80 105 08 05	V	/	101 LWLA ON SKY LY
*H 225094	UK350	00 00 51.0	+63 22 00	6.2			* 24	LWR 8160	H	L	O 020 00	80 183 00 06	V	/	502 MICPH
*H 225094	UK350	00 00 51.0	+63 22 00	6.2			* 24	SWP 9415	H	L	O 075 00	80 183 00 32	V	/	502 SAT AT 1900 A
*H 225160	UK381	00 01 28.0	+61 56 00	8.2			* 15	LWR 9318	H	L	O 070 00	80 321 16 50	V	/	503
HD 28	CCCLK	00 02 46.5	-05 59 14	4.6		K1	III 47	LWR 9564	H	L	O 040 00	80 358 22 04	G	/	E=111,C=140,B=32
HD 28	CCCLK	00 02 46.5	-05 59 14	4.6		K1	III 47	SWP 10882	L	L	O 120 00	80 358 22 50	G	81/208	C=75,B=45
HD 432	CCCEB	00 06 29.7	+58 52 27	2.3		F2	IV 40	SWP 10227	L	L	O 010 00	80 270 11 24	G	81/117	C=50X,B=80
HD 432	CCCEB	00 06 29.7	+58 52 27	2.3		F2	IV 40	SWP 10227	L	S	O 002 00	80 270 11 53	G	81/117	C=5X,B=80
HD 432	CCCEB	00 06 29.7	+58 52 27	2.3		F2	IV 40	LWR 8895	H	L	O 002 29	80 270 12 00	G	81/117	C=275,B=34
*H 432	MF316	00 06 30.0	+58 52 00	2.3			* 31	LWR 8974	H	L	O 002 19	80 282 16 13	V	/	602
*IIIZW2	QSCMG	00 07 56.7	+10 41 49	15.6	0.52 0		* 84	SWP 9195	L	L	O 190 00	80 157 06 59	G	81/002	E=190,C=85,B=52
*IIIZW2	QSCMG	00 07 56.7	+10 41 49	15.6	0.52 0		* 84	SWP 9195	L	S	O 190 00	80 157 06 60	G	81/002	E=190,C=85,B=52
IIIZW2	QSCMG	00 07 56.7	+10 41 49	15.6			* 84	SWP 10281	L	L	O 190 00	80 278 22 24	G	81/120	E=155,C=80,B=47
HD 232121	CBCMP	00 08 04.0	+54 37 0	9.2	E0.36	A6	III 39	LWR 7828	L	L	O 015 00	80 144 10 13	G	80/359	E=260,C=195,B=25
HD 232121	CBCMP	00 08 04.0	+54 37 00	9.2	E0.36	A6	III 32	SWP 9081	L	L	O 030 00	80 144 10 41	G	80/359	E=238,C=170,B=20
HD 232121	CBCMP	00 08 04.0	+54 37 00	9.2	E0.35	A6	III 39	SWP 10457	L	L	O 030 00	80 297 11 10	G	81/152	E=255,C=205,B=30
*WWGCET	JK337	00 08 52.0	-11 45 00	12.4			* 54	SWP 10664	L	L	O 030 00	80 328 16 21	V	/	342

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVES COMMENT
*NGCET	JR337	00 08 52.0	-11 45 00	12.4			*	54	LWR 9373	L	L	O 020	00 80 328 16 55	V	/	403
HD 00829	IECTS	00 10 13.9	+37 24 55	06.7	E0.11	B2	V	20	LWR 8534	L	L	O 000	09 80 230 14 29	G	81/084	C=265,30%,B=25
HD 00829	IECTS	00 10 14.0	+37 24 56	6.7	E0.11	B2	V	20	LWR 8191	L	L	O 000	09 80 188 11 40	G	81/034	C=230,B=25
NGC 0040	FECSH	00 10 16.5	+72 14 39	10.6	0.0	WC		* 70	SWP 8865	L	L	O 036	00 80 120 19 01	G	80/324	B=20
*N 40	UK319	00 10 20.0	+72 14 00	16.0				* 71	LWR 7999	L	L	O 030	00 80 161 02 10	V	/	203
*N 40	UR319	00 10 20.0	+72 14 00	16.0				* 71	SWP 9241	L	L	O 100	00 80 161 02 43	V	/	202
*H 905	CE401	00 10 54.0	+40 45 00	5.6				* 31	SWP 10366	L	L	O 070	00 80 288 17 45	V	/	741
*H 905	ME379	00 10 54.0	+40 45 00	5.6				* 31	LWR 8992	H	L	O 045	00 80 284 21 03	V	/	603
HD 1337	CECRK	00 15 03.0	+51 09 24	6.1	E0.19	O9	III	12	SWP 10144	L	L	O 000	56 80 260 00 34	G	81/098	C=4X,B=20,TRAILED
HD 1337	CECRK	00 15 03.0	+51 09 24	6.1	E0.19	O9	III	12	LWR 8810	L	L	O 001	30 80 260 00 43	G	81/098	C=9X,B=30,TRAILED
HD 1337	CECRK	00 15 03.0	+51 09 24	6.1	E0.19	O9	III	12	SWP 10145	L	L	O 000	14 80 260 01 37	G	81/104	C=200,B=15,TRAILED
HD 1337	CECRK	00 15 03.0	+51 09 24	6.1	E0.19	O9	III	12	LWR 8811	H	L	O 000	10 80 260 02 08	G	81/104	C=210,B=25,TRAILED
HD 1337	CECRK	00 15 03.0	+51 09 24	6.1	E0.19	O9	III	12	SWP 10146	H	S	O 008	00 80 260 02 16	G	81/104	C=215,B=35
HD 1337	CECRK	00 15 03.0	+51 09 24	6.1	E0.19	O9	III	12	LWR 8812	H	S	O 006	29 80 260 02 50	G	81/104	C=220,B=39
*FEIGE 4	FEBVK	00 17 26.0	+13 36 07	15.2	-0.12	DB		* 29	SWP 9202	L	L	O 090	00 80 158 07 08	G	81/065	C=80,B=24
*FEIGE 4	FEBVK	00 17 26.0	+13 36 07	15.2	-0.12	DB		* 29	LWR 7962	L	L	O 120	00 80 158 08 41	G	81/062	C=750,B=35
*FEIGE 4	FEBVK	00 17 26.0	+13 36 07	15.2	-0.12	DB		* 29	SWP 9203	L	L	O 180	00 80 158 10 44	G	81/062	C=135,B=40
*FT1	UK231	00 21 45.0	-72 22 00	10.3				* 25	SWP 8764	L	L	O 015	00 80 106 06 25	V	/	300 STAR IN N 104
*FT1	UK231	00 21 45.0	-72 22 00	10.3				* 25	LWR 7507	L	L	O 030	00 80 106 06 47	V	/	601 STAR IN N 104
*FT1	UK231	00 21 45.0	-72 22 00	10.3				* 25	LWR 7553	L	L	O 015	00 80 110 06 30	V	/	502 STAR IN NGC 104
*H 2151	KF367	00 23 09.0	-77 32 00	02.8				* 44	LWR 7894	H	L	O 015	00 80 151 04 34	V	/	702
*H 2151	KF367	00 23 09.0	-77 32 00	02.8				* 44	LWR 7895	H	L	O 015	00 80 151 05 27	V	/	702
*H 2151	KF367	00 23 09.0	-77 32 00	02.8				* 44	LWR 7896	H	L	O 015	00 80 151 06 05	V	/	702
*H 2151	KF367	00 23 09.0	-77 32 00	02.8				* 44	LWR 7897	H	L	O 015	00 80 151 06 42	V	/	702
*H 2151	KF367	00 23 09.0	-77 32 00	02.8				* 44	LWR 7898	H	L	O 015	00 80 151 07 21	V	/	702

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 02261	MLCDM	00 23 49.0	-42 34 38	2.39	E0.01	K0	III	47 LWR 7579	H	L	0 019 00	80 112 19 35	G	80/331	
HD 02261	MLCDM	00 23 49.0	-42 34 38	2.4	E0.01	K0	III	47 SWP 8804	L	L	0 038 00	80 112 20 05	G	80/339	E=255,C=100,B=73
HD 02261	MLCDM	00 23 49.0	-42 34 38	2.4	E0.09	K0	III	47 LWR 7580	H	L	0 019 00	80 112 20 49	G	80/325	E=250,C=1.5X,B=42
HD 02857	IECBS	00 29 05.9	-05 31 59	09.8		A0	*	64 SWP 9308	L	L	0 020 00	80 170 18 14	G	81/026	C=225,B=175
HD 02857	IECBS	00 29 05.9	-05 31 59	09.8		A0	*	39 LWR 8070	L	L	0 010 00	80 170 18 59	G	81/027	C=180,B=50
HD 03196	CCCLK	00 32 40.3	-03 52 04	5.20		F8	V	41 LWR 8015	H	L	0 070 00	80 165 06 24	G	81/013	E=250,B=2.5X,B=45
*ZETA GAS	PHCAL	00 34 10.0	+53 37 00	3.7			*	20 LWR 8925	H	L	0 000 35	80 274 16 25	V	/	602
*H 3360	PHCAL	00 34 10.0	+53 37 00	3.9			*	20 LWR 9109	H	L	0 000 30	80 294 14 35	V	/	602
*H 3360	PHCAL	00 34 10.0	+53 37 00	3.9			*	20 SWP 10428	H	L	0 000 30	80 294 14 38	V	/	501
*H 3360	PHCAL	00 34 10.0	+53 37 00	3.9			*	20 LWR 9110	H	L	0 000 25	80 294 15 30	V	/	502
HD 03360	PHCAL	00 34 10.3	+53 37 19	3.7	0.04	B2	IV	20 LWR 7717	H	L	0 000 20	80 131 00 46	G	80/345	C=220,B=30
HD 03360	PHCAL	00 34 10.3	+53 37 19	3.7	0.04	B2	IV	20 SWP 8964	H	L	0 000 23	80 131 00 49	G	80/344	C=220,B=30
HD 03369	CBCGM	00 34 12.2	+33 26 40	4.3	E0.02	B5	V	21 SWP 9141	H	L	0 001 39	80 148 17 33	G	80/359	C=210,B=35
HD 03369	CBCGM	00 34 12.2	+33 26 40	4.3	E0.02	B5	V	21 LWR 7875	H	L	0 001 14	80 148 18 05	G	80/359	C=240,B=32
*N 205	FE418	00 37 38.0	+41 26 00	13.5			*	81 SWP 10314	L	L	0 420 00	80 283 14 46	V	/	303
*N 205	FE418	00 37 38.0	+41 26 00	13.5			*	81 LWR 8982	L	L	0 400 00	80 283 14 47	V	/	109 SERENDIPITY IMAG
HD 3712	MLCDM	00 37 39.0	+56 15 49	2.2	E0.02	K0	III	46 LWR 9027	H	L	0 022 00	80 288 01 58	G	81/128	E=231,C=210,B=30
HD 3712	MLCDM	00 37 39.0	+56 15 49	2.2	E0.01	K0	III	46 SWP 10358	L	L	0 024 59	80 288 02 27	G	81/134	E=45,C=40,B=17
HD 3712	CSCRW	00 37 39.3	+56 15 49	2.2		K0	III	47 SWP 10897	L	L	0 060 00	80 361 18 15	G	/	E=105,C=90,B=30
HD 3712	CSCRW	00 37 39.3	+56 15 49	2.2		K0	III	47 LWR 9584	H	L	0 020 00	80 361 19 19	G	/	E=221,C=270,B=30
HD 03712	MLCAD	00 37 39.3	+56 15 49	2.2	1.18	K0	II	47 LWR 7746	H	L	0 015 00	80 134 23 14	G	80/356	E=240,C=215,B=30
*ESO12G21	JC395	00 39 13.0	-79 31 00	14.5			*	84 LWR 8854	L	L	0 380 00	80 264 16 56	V	/	345
*ESO12G21	JC396	00 39 13.0	-79 31 00	14.5			*	84 SWP 10217	L	L	0 385 00	80 268 16 52	V	/	224
NGC 0224	EGCGW	00 40 00.5	+40 59 42	12	E0.10	K0	*	80 SWP 9494	L	L	0 440 00	80 193 04 25	G	81/042	C=158,B=92
NGC 0224	EGCGW	00 40 00.5	+40 59 42	12	E0.10	K0	*	80 SWP 9502	L	L	0 430 00	80 194 04 39	G	81/042	C=125,B=80

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
NGC 0224	EGCGW	00 40 00.5	+40 59 42	12	E0.10	KO	* 80	LWR 8236	L	L	O 441	00 80 195 04 30	G	81/042	E=255,C=230,B=87
NGC 0224	EGCGW	00 40 00.5	+40 59 42	12	E0.10	KO	* 80	SWP 9519	L	L	O 440	00 80 196 04 57	G	81/042	C=140,B=100
NGC 0224	EGCGW	00 40 00.5	+40 59 42	12	E0.10	KO	* 80	LWR 8244	L	L	O 390	00 80 196 05 23	G	81/042	C=145,B=80
*D+610154	IECBS	00 40 23.3	+61 38 00	10.6	0.31	B8	* 26	LWR 8062	L	L	O 020	00 80 169 13 39	G	81/014	C=165,B=52
*D+610154	IECBS	00 40 23.3	+61 38 00	10.6	0.31	B8	* 26	SWP 9301	L	L	O 020	00 80 169 14 06	G	81/014	C=155,B=125
*D+610154	IECBS	00 40 23.3	+61 38 00	10.6	0.31	B8	* 26	LWR 8063	L	L	O 030	00 80 169 14 39	G	81/014	C=260,B=105
HD 04004	WRCWR	00 40 27.2	+64 30 27	10.5	E0.84	O9	IB 11	LWR 8476	L	L	O 035	00 80 223 10 22	G	81/077	E=255,C=255,B=32
HD 04004	WRCWR	00 40 27.2	+64 30 27	10.5	E0.84	O9	IB 11	SWP 9758	L	L	O 025	00 80 223 11 04	G	81/077	E=255,2X,C=160,B=20
HD 04004	WRCWR	00 40 27.2	+64 30 27	10.5	E0.84	O9	IB 11	LWR 8477	L	L	O 010	00 80 223 11 35	G	81/077	E=249,C=170,B=30
*M 31	VILSP	00 40 30.0	+40 51 00	14.5			* 83	LWR 8699	L	L	O 310	00 80 246 18 37	V	/	204
*M31 158	VILSP	00 40 30.0	+40 51 00	14.5			* 83	SWP 10280	L	L	O 385	00 80 278 14 51	V	/	103
HD 04174	CVCDL	00 41 52.6	+40 24 27	7.5		M6	III 57	LWR 8391	L	L	O 011	00 80 212 15 29	G	81/062	E=103,C=85,B=28
HD 04174	CVCDL	00 41 52.6	+40 24 27	7.5		M6	III 57	SWP 9644	L	L	O 012	00 80 212 16 17	G	81/062	E=1.5X,C=60,B=25
SK 5	HSCSP	00 43 11.5	-72 58 12	13.8		O5	* 12	SWP 10318	L	L	O 063	00 80 284 02 03	G	81/126	C=87,B=25
SK 7	HSCSP	00 43 59.4	-73 56 12	12.6		O5	* 12	SWP 10317	L	L	O 045	00 80 284 00 49	G	81/126	C=140,B=20
HD 04502	CCCLK	00 44 40.9	+23 59 43	5.1		K1	II 47	LWR 8021	L	L	O 002	00 80 165 15 45	G	81/012	E=255,2X,C=230,B=30
HD 4502	CCCLK	00 44 41.0	+23 59 43	5.1		K1	II 47	LWR 9568	H	L	O 020	00 80 359 06 46	G	81/208	E=1.5X,C=130,B=30
SK 13	HSCSP	00 45 23.9	-73 22 47	12.4		O5	* 12	SWP 10321	L	L	O 038	00 80 284 06 10	G	81/126	C=120,B=38
SK 16	HSCSP	00 45 54.1	-73 18 46	13.72		O5	* 12	SWP 10333	L	L	O 150	00 80 285 22 28	G	81/126	C=270,B=17
SK 16	HSCSP	00 45 54.1	-73 18 46	13.7		O5	* 12	SWP 10336	L	L	O 090	00 80 286 04 08	G	81/126	C=210,B=40
HD 04614	CCCKH	00 46 03.4	+57 33 00	3.4		G0	V 44	LWR 8420	H	L	O 007	00 80 216 05 01	G	81/064	E=78,C=260,B=32
HD 04614	CCCKH	00 46 03.4	+57 33 03	3.4		G0	V 44	SWP 9681	L	L	O 015	00 80 216 05 28	G	81/064	E=45,C=1.5-2X,B=25
*CP-56154	UK370	00 46 48.0	-56 22 00	10.2			* 20	LWR 9163	L	S	O 004	40 80 301 14 41	V	/	301
*CP-56154	UK370	00 46 48.0	-56 22 00	10.2			* 20	LWR 9163	L	L	O 001	40 80 301 14 49	V	/	401
*CP-56154	UK370	00 46 48.0	-56 22 00	10.2			* 20	SWP 10487	H	L	O 279	00 80 301 14 53	V	/	502

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
SK 36	HSCSP	00 48 37.9	-72 28 21	13.6		O5	* 12	SWP 10320	L	L	O 018 00	80 284 05 25	G	81/126	C=90,B=20
SK 36	HSCSP	00 48 37.9	-72 28 21	13.6		O5	* 12	SWP 10334	L	L	O 036 00	80 286 01 26	G	81/126	C=130,B=20
SK 41	HSCPC	00 48 59.6	-73 43 15	13.4	E0.15	O4	* 11	SWP 10727	L	L	O 020 00	80 337 05 57	G	81/183	E=193,C=110,B=29
SK 41	HSCPC	00 48 59.6	-73 43 15	13.4	E0.15	O4	* 11	SWP 10727	L	S	O 020 00	80 337 06 23	G	81/183	E=51,C=51,B=29
HD 05045	HLCJH	00 49 01.7	-73 44 10	11.0	E0.15	B2	IA 23	SWP 9334	H	L	O 270 00	80 173 06 38	G	81/022	E=220,C=170,B=68
HD 05045	HLCJH	00 49 01.7	-73 44 10	11.0	E0.15	B2	* 23	LWR 8093	L	L	O 005 00	80 173 11 12	G	81/022	C=190,B=23
*SK000045	HLCJH	00 49 36.4	-72 39 09	13.3	0.0	B6	IA 22	LWR 8077	L	L	O 015 00	80 171 17 21	G	81/026	C=165,B=50
*SK000045	HLCJH	00 49 36.4	-72 39 09	11.7	0.0	B6	IA 22	SWP 9316	L	L	O 020 00	80 171 17 50	G	81/026	C=145,B=98
HD 5394	IGCJS	00 53 40.0	+60 26 47	2.6	E0.18	B0	IV 21	SWP 10863	H	S	O 000 09	80 357 07 56	G	81/208	C=200,B=35
*GAMMACAS	UK225	00 53 40.0	+60 27 00	2.6			* 59	SWP 8685	H	L	O 000 08	80 098 03 10	V	/	501
*GAMMACAS	UK225	00 53 40.0	+60 27 00	02.0			* 59	SWP 8707	H	L	O 000 08	80 100 02 32	V	/	551
*GAMMACAS	UK225	00 53 40.0	+60 27 00	2.0			* 59	SWP 8724	H	L	O 000 08	80 102 02 39	V	/	501
*GAMMACAS	UK225	00 53 40.0	+60 27 00	02.0			* 20	SWP 8743	H	L	O 000 08	80 104 02 31	V	/	500
HD 05394	BECJH	00 53 40.3	+60 26 47	2.6	E0.10	B0	IV 20	SWP 9813	H	S	O 000 08	80 229 17 21	G	81/083	C=180,B=32
HD 05394	BECJH	00 53 40.3	+60 26 47	2.6	E0.10	B0	IV 20	LWR 8521	H	S	O 000 10	80 229 17 25	G	81/083	C=235,B=32
HD 05394	BECJH	00 53 40.3	+60 26 47	2.6	E0.10	B0	IV 20	SWP 9897	H	S	O 000 09	80 238 17 09	G	81/084	C=220,B=32
HD 05394	BECJH	00 53 40.3	+60 26 47	2.6	E0.10	B0	IV 20	LWR 8609	H	S	O 000 11	80 238 17 13	G	81/084	C=280,B=33
HD 5394	BECJH	00 53 40.3	+60 26 47	2.6		B0	IV 20	SWP 10449	H	S	O 000 08	80 296 11 10	G	81/147	C=70,B=20
HD 5394	BECJH	00 53 40.3	+60 26 47	2.6		B0	IV 20	LWR 9125	H	S	O 000 10	80 296 11 14	G	81/142	C=140,B=30
*H 5394	GH309	00 53 41.0	+60 27 00	02.6			* 59	SWP 8665	H	S	C 000 09	80 096 09 32	V	/	5201
*H 5394	GH309	00 53 41.0	+60 27 00	02.6			* 59	SWP 8666	H	S	C 000 08	80 096 09 57	V	/	501
*H 5394	VD375	00 53 41.0	+60 27 00	02.3			* 20	LWR 7861	H	L	O 000 06	80 147 07 24	V	/	501
*H 5394	VD375	00 53 41.0	+60 27 00	02.3			* 20	SWP 9130	H	L	O 000 09	80 147 07 34	V	/	601
*H 5394	VD375	00 53 41.0	+60 27 00	02.3			* 20	SWP 9129	H	L	O 000 07	80 147 07 41	V	/	501
SK 65	HLCJH	00 55 15.0	-72 41 06	13.2	E0.10	B0	IA 20	LWR 9736	L	L	O 025 00	81 19 06 29	G	/	C=150,B=35

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
SK 76	HSCSP	00	57	15.9	-72	48	11	12.8		O5	*	12	SWP 10322	L	L O	021	00	80	284	07	15	G	81/	126	C=125,B=39
HD 05679	CBCGM	00	57	44.9	+81	36	25	6.8	E0.10	B8	V	22	LWR 7873	H	L O	055	00	80	148	14	51	G	81/	002	C=210,B=43
HD 05679	CBCGM	00	57	44.9	+81	36	25	6.8	E0.10	B8	V	22	LWR 7874	H	L O	025	00	80	148	16	16	G	80/	359	C=205,B=32
HD 05679	CBCMP	00	57	45.0	+81	36	0	6.7	E0.1	B6	V	22	LWR 7830	L	S O	001	00	80	144	13	03	G	80/	360	C=210,B=25
HD 05679	CBCMP	00	57	45.0	+81	36	0	6.7	E0.1	B6	V	22	LWR 7830	L	L O	001	00	80	144	13	08	G	80/	360	C=2.5X,B=25
HD 05679	CBCMP	00	57	45.0	+81	36	0	6.7	E0.1	B6	V	22	SWP 9083	L	S O	000	49	80	144	13	15	G	80/	360	C=120,B=15
HD 05679	CBCMP	00	57	45.0	+81	36	0	6.7	E0.1	B6	V	22	SWP 9083	L	L O	000	49	80	144	13	20	G	80/	360	C=120,B=15
*N 362	VC411	01	00	39.0	-71	07	00	6.4			*	83	LWR 7514	L	L O	165	00	80	107	02	35	V	/		702
*N 362	VC411	01	00	39.0	-71	07	00	6.4			*	83	SWP 8771	L	L O	195	00	80	107	05	24	V	/		303
*N 362	VC411	01	00	39.0	-71	07	00	6.4			*	83	LWR 7515	L	L O	125	00	80	107	06	11	V	/		402
*N 362	VC411	01	00	39.0	-71	07	00	6.4			*	83	LWR 7516	L	L O	064	00	80	107	08	42	V	/		402
NGC 0362	IGCDY	01	01	00.0	-71	7	0	15.0	0.40	F8	*	83	LWR 7593	L	L O	060	00	80	114	15	28	G	80/	335	C=170,B=32
NGC 0362	IGCDY	01	01	00.0	-71	7	0	15.0	0.04	F8	*	83	SWP 8817	L		040	00	80	114	15	37	G	80/	335	B=19
SK 107	HSCSP	01	01	13.5	-72	04	27	12.9		O5	*	12	SWP 10315	L	L O	018	00	80	283	23	01	G	81/	126	E=157,C=190,B=20
BS AND	CVCPS	01	01	45.6	+41	01	40	12			*	54	SWP 10787	L	L O	017	00	80	344	09	33	G	81/	188	150,C=140,B=15
RX AND	CVCPS	01	01	45.6	+41	01	40	12.8			*	53	LWR 9469	L	L O	025	00	80	345	07	00	G	81/	191	E=232,C=160,B=32
RX AND	CVCPS	01	01	45.6	+41	01	40	12.8			*	54	SWP 10792	L	L O	035	00	80	345	07	30	G	81/	191	E=137,C=140,B=35
RX AND	CVCPS	01	01	45.7	+41	01	56	11.9			*	54	SWP 10781	L	L O	025	00	80	343	07	51	G	81/	188	E=255,C=1.5X,B=20
RX AND	CVCPS	01	01	45.7	+41	01	56	11.9			*	54	LWR 9456	L	L O	015	00	80	343	08	22	G	81/	188	E=255,C=220,B=32
SMC/AB7	HSCPC	01	01	58.0	-72	19	26	13.2	E0.04	O1	*	11	SWP 10728	L	L O	011	00	80	337	07	33	G	81/	183	E=135,C=110,B=20
*SK000111	MLCJH	01	02	18.5	-72	58	02	13.0	0.0	B0	IA	20	LWR 8078	L	L O	020	00	80	171	19	00	G	81/	026	C=135,B=53
*SK000111	MLCJH	01	02	18.5	-72	58	02	13.0	0.1	B0	IA	23	SWP 9317	L	L O	025	00	80	171	19	34	G	81/	027	C=105,B=65
SK 119	HSCSP	01	03	24.9	-72	55	55	12.2		O5	*	12	SWP 10323	L	L O	021	29	80	284	08	04	G	81/	126	C=150,B=39
SK 120	HSCSP	01	03	52.9	-73	19	49	13.5		O5	*	12	SWP 10319	L	L O	075	00	80	284	03	32	G	81/	126	C=205,B=23
*H 6680	CE401	01	05	14.0	+31	44	00	6.2			*	41	LWR 9139	H	L O	055	00	80	298	19	49	V	/		603

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*H 6680	CB401	01 05 14.0	+31 44 00	6.2			* 41	SWP 10469	L L	O	059 00	80 298 20 47	V	/	702
HD 6811	BECAS	01 06 35.3	+46 58 33	4.2		B7	* 26	LWR 9070	H S	O	005 29	80 291 09 47	G	81/141	C=2X,B=35
HD 6811	BECAS	01 06 35.3	+46 58 33	4.2		B7	* 26	SWP 10387	H S	O	010 00	80 291 09 57	G	81/141	C=3-4X,B=50
HD 07099	MLCJH	01 07 38.7	-72 47 59	10.9	E0.10	B3	* 24	LWR 8095	L L	O	005 00	80 173 16 24	G	81/022	C=200,B=33
HD 07099	MLCJH	01 07 38.7	-72 47 59	0.9	E0.10	B3	* 24	SWP 9337	L L	O	007 00	80 173 16 33	G	81/022	C=160,B=40
SK 138	HSCSP	01 07 45.0	-72 41 11	12.7		O5	* 12	SWP 10335	L L	O	060 00	80 286 02 34	G	81/126	C=165,20
*IC001644	NDCRD	01 07 48.0	-73 28 0			0	* 72	SWP 8944	L L	O	030 00	80 128 16 51	G	80/343	B=222,C=220,B=25
*IC001644	NDCRD	01 07 48.0	-73 28 0			0	* 72	LWR 7699	L L	O	030 00	80 128 17 25	G	80/343	C=230,B=30
*I0001644	NDCBD	01 07 48.0	-73 28 00				* 72	SWP 8945	H L	O	150 19	80 128 18 00	G	80/343	B=149,C=115,B=70
*T0109-38	ME397	01 09 09.0	-38 21 00	13.7			* 84	SWP 9396	L L	O	245 00	80 180 01 42	V	/	232
SK 145	HSCSP	01 09 57.6	-72 47 15	12.5		O5	* 12	SWP 10316	L L	O	036 00	80 283 23 47	G	81/126	C=240,B=18
*G 33-49	VW386	01 15 19.0	+15 54 00	13.8			* 43	SWP 10607	L L	O	365 00	80 320 13 42	V	/	403
*SK 160	GH309	01 15 45.0	-73 42 00	13.2			* 59	SWP 8662	L L	O	037 00	80 096 03 45	V	/	500
*SK 160	GH309	01 15 45.0	-73 42 00	13.2			* 59	LWR 7416	L L	O	025 00	80 096 04 20	V	/	501
*SK 160	UK225	01 15 45.0	-73 42 00	13.2			* 59	LWR 7437	L L	O	025 00	80 098 06 13	V	/	501
*SK 160	UK225	01 15 45.0	-73 42 00	13.2			* 59	SWP 8687	L L	O	037 00	80 098 06 47	V	/	501
*SK 160	JB366	01 15 46.0	-73 42 00	13.3			* 59	SWP 8673	L L	O	037 00	80 097 05 54	V	/	500
*SK 160	JB366	01 15 46.0	-73 42 00	13.3			* 59	LWR 7426	L L	O	025 00	80 097 06 36	V	/	501
*SMC X-1	JB366	01 15 46.0	-73 42 00	13.3			* 59	SWP 8701	L L	O	037 00	80 099 03 26	V	/	501
*SMC X-1	JB366	01 15 46.0	-73 42 00	13.3			* 59	LWR 7448	L L	O	025 00	80 099 04 09	V	/	503
HD 7927	MLCNH	01 16 55.1	+57 58 10	5.0	E0.68	F0	IA 40	LWR 9041	H S	C	120 00	80 289 01 10	G	81/132	C=200,B=53
*SK000164	MLCJH	01 18 49.5	-72 46 52	13.3	0.1	B6	IA 26	LWR 8079	L L	O	020 00	80 171 20 21	G	81/026	C=120,B=32
*SK000164	MLCJH	01 18 49.5	-72 46 52	13.3	0.1	B6	IA 25	SWP 9318	L L	O	045 00	80 171 20 51	G	81/026	C=140,B=21
*EOIG45	QSCWS	01 21 51.0	-59 03 58	13.2	0.0	0	* 84	SWP 9615	H L	O	802 00	80 209 20 57	G	81/064	C=220,B=130
*BACKGRND	QSCWS	01 21 51.0	-59 03 58				* 07	LWR 8381	L L	O	776 00	80 210 04 33	G	81/058	B=88

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*EOIG45	QSCWS	01	21	51.0	-59	03	58	13.2	0.0	0	*	84 SWP 9616	L	L	0 025	00	80	210	10	47	G	81/	058	E=194,C=70,B=25
*EOIG45	QSCWS	01	21	51.0	-59	03	57	13.2	0.0	0	*	84 LWR 8382	L	L	0 035	00	80	210	11	16	G	81/	058	C=150,B=30
ESOIG45	QSCWS	01	21	51.0	-59	03	57	13.2			*	84 SWP 10934	H	L	0 730	00	80	366	12	57	G	/		C=190,B=144
*ESO 113	UK365	01	21	51.0	-59	04	00	13.2			*	84 SWP 9615	H	L	0 880	00	80	209	20	57	V	/		509 VILSPA/GSFC EXPO
*BACK GRD	UK365	01	21	51.0	-59	04	00	13.2			*	84 LWR 8381	L	L	0 880	00	80	209	21	16	V	/		008 VILSPA/GSFC EXPO
*FAIRALL9	IGCLC	01	21	51.2	-59	03	58	13.2			*	84 SWP 9353	L	L	0 035	00	80	175	16	43	G	81/	033	E=1.5X,C=160,B=104
*FAIRALL9	IGCLC	01	21	51.2	-59	03	58	13.2			*	84 LWR 8114	L	L	0 027	00	80	175	17	25	G	81/	028	C=160,B=65
*FAIRALL9	IGCLC	01	21	51.2	-59	03	58	13.1			*	84 SWP 9354	L	L	0 025	00	80	175	17	57	G	81/	028	E=249,C=145,B=102
MRK 359	EGCKD	01	24	50.1	+18	55	12			0	*	84 SWP 9263	L	L	0 320	00	80	164	07	32	G	81/	014	E=154,C=98,B=73
*BACKGRND	EGCKD	01	24	50.1	+18	55	12				*	07 LWR 8012	L	L	0 300	00	80	164	07	54	G	81/	014	B=68
*BACKGRND	EGCKD	01	24	50.1	+18	55	12				*	07 SWP 9293	L	L	0 245	00	80	168	07	25	G	81/	056	B=55,35
MRK 359	EGCKD	01	24	50.2	+18	55	13			0	*	88 LWR 8052	L	L	0 310	00	80	168	07	23	G	81/	022	E=225,C=175,B=90
NGC 588	EGCJH	01	29	56.6	+30	23	30				*	72 SWP 10273	L	L	0 300	00	80	277	02	13	G	81/	120	C=150,B=68
NGC 588	EGCJH	01	29	56.6	+30	23	30				*	72 LWR 8943	L	L	0 300	00	80	277	08	47	G	81/	120	C=180,B=63
*IC 133	SD407	01	30	26.0	+30	37	00	15.0			*	72 SWP 9779	L	L	0 150	00	80	226	18	39	V	/		201
*IC 133	SD407	01	30	26.0	+30	37	00	15.0			*	72 LWR 8497	L	L	0 105	00	80	226	21	18	V	/		331
*IC 133	SD407	01	30	26.0	+30	37	00	15.0			*	72 SWP 9780	L	L	0 157	00	80	226	23	10	V	/		331
NGC 595	EGCJH	01	30	44.7	+30	20	08				*	72 SWP 10264	L	L	0 388	00	80	274	22	37	G	81/	119	C=160,B=75
NGC 595	EGCJH	01	30	44.7	+30	20	08				*	72 LWR 8933	L	L	0 390	00	80	275	06	49	G	81/	119	C=220,B=95
KT PER	CVCFC	01	33	49.6	+50	41	38	12.9	E0.0	0	*	54 LWR 8743	L	L	0 030	00	80	251	14	49	G	81/	098	E=86,C=80,B=33
KT PER	CVCFC	01	33	49.6	+50	41	38	12.9	E0.0	0	*	54 SWP 10045	L	L	0 025	00	80	251	15	23	G	81/	098	EE=101,C=85,B=20
*UV CET	UK373	01	36	31.0	-18	13	00	11.0			*	48 SWP 10169	L	L	0 045	00	80	261	21	04	V	/		122
*UV CET	UK373	01	36	31.0	-18	13	00	11.0			*	48 SWP 10169	L	S	0 055	00	80	261	21	55	V	/		122
*UV CET	UK373	01	36	31.0	-18	13	00	11.0			*	48 LWR 8835	L	L	0 017	00	80	261	23	00	V	/		132
*UV CET	UK375	01	36	31.0	-18	12	00	11.9			*	48 SWP 10183	L	L	0 060	00	80	263	18	35	V	/		121

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*UV CET	UK375	01	36	31.0	-18	12	00	11.9				* 48	SWP 10183	L	L	0	060 00	80	263	19	41	V	/		121
*UV CET	UK375	01	36	31.0	-18	12	00	11.9				* 48	LWR 8848	L	L	0	020 00	80	263	20	46	V	/		123
*UV CET	UK375	01	36	31.0	-18	12	00	11.9				* 48	SWP 10184	L	L	0	060 00	80	263	21	14	V	/		121
*UV CET	UK375	01	36	31.0	-18	12	00	11.9				* 48	SWP 10184	L	L	0	060 00	80	263	22	17	V	/		121
*H 10125	UK381	01	37	21.0	+63	55	00	8.2				* 12	LWR 9330	H	L	0	080 00	80	323	13	52	V	/		504
HD 10307	CSCRW	01	38	43.8	+42	21	49	4.9	E0.01	G2	V	44	LWR 8729	H	L	0	090 00	80	250	07	21	G	81/097		E=182,C=2.5X,B=50
HD 10307	CSCRW	01	38	43.8	+42	21	49	4.9	E0.01	G2	V	44	SWP 10029	L	L	0	090 00	80	250	08	55	G	81/098		E=102,C=145,B=30
HD 10307	CSCRW	01	38	43.8	+42	21	49	4.9	E0.01	G2	V	44	LWR 8730	H	L	0	030 00	80	250	09	44	G	81/097		E=255,C=240,B=35
*GL000069	CCCMG	01	40	12.0	+63	34	48	8.4		K5	V	46	LWR 8255	L	L	0	050 00	80	197	13	42	G	81/056		E=234,C=120,B=42
*SKY BKGD	CCCMG	01	40	12.0	+63	34	48					* 07	SWP 9526	H	L	0	040 00	80	197	13	46	G	81/056		
HD 10516	CBCGP	01	40	30.7	+50	26	15	4.00	E0.20	B0	V	26	SWP 8636	H	L	0	000 49	80	093	22	07	G	80/321		C=210,B=35
HD 10516	CBCGP	01	40	30.7	+50	26	15	4.00	E0.20	B0	V	26	LWR 7383	H	L	0	000 29	80	093	22	13	G	80/321		C=215,B=33
HD 10516	CBCGP	01	40	30.8	+50	26	16	4.0	E0.20	B0	V	26	SWP 9988	H	L	0	000 49	80	246	12	22	G	81/097		C=225,B=35
HD 10516	CBCGP	01	40	30.8	+50	26	16	4.0	E0.20	B0	V	26	LWR 8695	H	L	0	000 29	80	246	12	27	G	81/097		C=210,B=32
HD 10516	CBCGP	01	40	30.8	+50	26	16	4.0	E0.20	B0	V	26	SWP 9997	H	L	0	000 50	80	247	15	33	G	81/097		C=210,B=37
HD 10516	CBCGP	01	40	30.8	+50	26	16	4.0	E0.20	B0	V	26	LWR 8706	H	L	0	000 24	80	247	15	37	G	81/097		C=200,B=32
HD 10516	CBCGP	01	40	30.8	+50	26	16	4.0	E0.10	B0	V	26	SWP 10241	H	L	0	000 49	80	272	14	26	G	81/117		C=215,B=35
HD 10516	CBCGP	01	40	30.8	+50	26	16	4.0	E0.10	B0	V	26	LWR 8906	H	L	0	000 24	80	272	14	33	G	81/117		C=185,B=30
*0000GL74	CCCMG	01	43	58.0	+12	09	48	8.9	E-.34	K8	V	46	LWR 8262	L	L	0	055 00	80	198	12	35	G	81/044		E=209,C=144,B=50
*H 11636	CL333	01	51	52.0	+20	34	00	2.6				* 31	SWP 10004	H	L	0	003 30	80	248	16	57	V	/		500
*H 11636	CL333	01	51	52.0	+20	34	00	2.6				* 31	LWR 8712	H	L	0	001 50	80	248	17	02	V	/		701
*H 11636	CL333	01	51	52.0	+20	34	00	2.6				* 31	SWP 10005	H	L	0	015 00	80	248	17	28	V	/		701
*H 11636	CL333	01	51	52.0	+20	34	00	2.6				* 31	SWP 10022	H	L	0	003 00	80	249	19	17	V	/		500
*H 11636	CL333	01	51	52.0	+20	34	00	2.6				* 31	SWP 10023	H	L	0	003 00	80	249	19	59	V	/		500
HD 11636	PHCAL	01	51	52.3	+20	33	52	2.6	E-.02	A5	V	31	SWP 10574	L	L	0	000 41	80	314	20	47	G	81/188		C=255,4X,B=17,TRAILE

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 11636	PHCAL	01	51	52.3	+20	33	52	2.6	E-.02	A5	V 31	LWR 9266	L	L	0	000	06	80	314	20	57	G	81/161	E=155,C=245,B=25,TRL
HD 11636	PHCAL	01	51	52.3	+20	33	52	2.6	E-.02	A5	V 31	SWP 10575	L	L	0	000	01	80	314	21	47	G	81/188	C=210,B=21,TRAILED
HD 12323	CECSH	01	59	07.4	+55	23	00	8.9		O9	V 12	SWP 9652	H	S	0	120	00	80	213	13	35	G	81/064	C=240,B=90
*TT ARI	UK344	02	04	09.0	+15	02	00	11.0			* 54	SWP 10131	L	L	0	008	00	80	258	23	38	V	/	301
TT ARI	CVCFC	02	04	10.0	+15	03	26	10.5	E0.0	0	* 63	SWP 10041	L	L	0	025	00	80	251	09	27	G	81/098	C=100,B=20,TRAILED
TT ARI	CVCFC	02	04	10.0	+15	02	37	10.5	E0.0	0	* 63	LWR 8740	L	L	0	027	00	80	251	10	09	G	81/098	C=130,B=30,TRAILED
TT ARI	CVCFC	02	04	10.0	+15	03	26	10.5	E0.0	0	* 63	SWP 10042	L	L	0	027	00	80	251	10	54	G	81/098	E=91,C=121,B=18,TRAI
TT ARI	CVCFC	02	04	10.0	+15	03	26	10.5	E0.0	0	* 63	LWR 8741	L	L	0	027	00	80	251	11	36	G	81/098	C=180,B=30,TRAILED
TT ARI	CVCFC	02	04	10.0	+15	03	26	10.5	E0.0	0	* 63	SWP 10043	L	L	0	027	00	80	251	12	18	G	81/098	C=155,B=20,TRAILED
TT ARI	CVCFC	02	04	10.0	+15	03	26	10.5	E0.0	0	* 63	LWR 8742	L	L	0	027	00	80	251	12	57	G	81/098	C=160,B=30,TRAILED
TT ARI	CVCFC	02	04	10.0	+15	03	26	10.5	E0.0	0	* 63	SWP 10044	L	L	0	027	00	80	251	13	36	G	81/098	E=120,C=110,B=20,TRA
*TT ARI	JK337	02	04	10.0	+15	02	00	14.4			* 63	SWP 10614	L	L	0	261	00	80	322	15	25	V	/	762
*TT ARI	JK337	02	04	10.0	+15	02	00	14.0			* 54	LWR 9372	L	L	0	150	00	80	328	13	23	V	/	565
HD 12929	MLCDM	02	04	21.0	+23	13	00	2.0	E-.01	K2	III 46	SWP 9868	L	L	0	025	00	80	235	15	52	G	81/084	E=255,B=30
HD 12929	MLCDM	02	04	21.0	+23	13	00	2.0	E-.01	K2	III 46	LWR 8579	H	L	0	010	00	80	235	16	35	G	81/084	E=223,C=170,B=27
HD 12953	MLCNM	02	05	09.9	+58	11	13	0.5		A1	IA 32	LWR 8998	H	S	0	120	00	80	285	09	37	G	81/126	C=30%X,B=60
0205+024	QSCHS	02	05	14.5	+02	28	42	15.4			* 85	SWP 10090	L	L	0	410	00	80	256	00	59	G	81/098	B=260,C=160,B=80
HD 13268	HSCLC	02	08	02.7	+55	55	26	8.2	E0.45	O8	III 12	LWR 8084	L	L	0	000	43	80	172	09	41	G	81/022	C=210,B=28
HD 13268	HSCLC	02	08	02.7	+55	55	26	8.2	E0.45	O8	III 12	SWP 9323	H	L	0	090	00	80	172	09	46	G	81/022	C=120,205,B=50
*H 13268	UK323	02	08	03.0	+55	55	00	8.8			* 12	LWR 8634	L	L	0	002	54	80	240	22	41	V	/	401
*H 13268	UK323	02	08	03.0	+55	55	00	8.8			* 12	LWR 8634	L	S	0	001	10	80	240	22	45	V	/	501
*H 13268	UK323	02	08	03.0	+55	55	00	8.8			* 12	SWP 9923	L	L	0	001	15	80	240	22	49	V	/	501
*WX HYI	UK313	02	08	28.0	-63	33	00	14.5			* 54	LWR 8445	L	L	0	060	00	80	218	18	46	V	/	231
*WX HYI	UK313	02	08	28.0	-63	33	00	14.5			* 54	SWP 9704	L	L	0	080	00	80	218	19	54	V	/	231
HD 13974	CCCEB	02	13	59.6	+33	59	48	4.8		G0	V 44	SWP 10929	L	L	0	180	00	80	365	18	40	G	/	E=2X,C=10X,B=38

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM		DSP & APR		LGE APR	EXPOSR TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 13974	CCCEE	02	13	59.6	+33	59	48	4.8		G0	V	44	LWR	9612	L	L	O	025	00	80	365	21	48	G	/		B=1.5X,C=1.2X,B=33
HD 13974	CCCLK	02	13	59.6	+33	59	48	4.9		F9	V	44	LWR	9567	H	L	O	035	00	80	359	05	38	G	81	208	C=2-3X,B=40
HD 13974	CCCLK	02	13	59.6	+33	59	48	5.2		F9	V	44	SWP	10891	L	L	O	080	00	80	361	03	08	G	/		B=253,C=3X,B=39
PKS 0215+015	IGCAW	02	15	13.4	01	30	56	16.0			*	87	LWR	9083	L	L	O	380	00	80	292	07	04	G	81	140	C=175,B=85
PKS 0215+015	IGCAW	02	15	13.4	+01	31	04	16.0			*	87	LWR	9122	L	L	O	242	00	80	296	00	16	G	81	159	B=45
PKS 0215+015	IGCAW	02	15	13.4	01	30	56	16.0			*	87	LWR	9478	L	L	O	440	00	80	346	20	01	G	81	191	C=205,B=85
*H 14143	UK35C	02	15	42.0	+56	56	00	6.6			*	23	SWP	9435	H	L	O	130	00	80	185	01	36	V	/		401
*H 14250	UK323	02	16	44.0	+56	52	00	8.8			*	20	LWR	8635	L	S	O	005	10	80	240	23	25	V	/		401
*H 14250	UK323	02	16	44.0	+56	52	00	8.8			*	20	LWR	8635	L	L	O	020	00	80	240	23	32	V	/		701
*H 14250	UK323	02	16	44.0	+56	52	00	8.8			*	20	SWP	9924	L	L	O	007	00	80	240	23	59	V	/		501
*H 14386	UK372	02	16	49.0	-03	12	00	3.5			*	49	SWP	9953	H	L	O	280	00	80	242	21	06	V	/		123
*C GETI	VILSE	02	16	49.0	-03	12	00	6.8			*	53	LWR	8060	L	L	O	012	00	80	168	03	56	V	/		602 MICROPHONICS
*C GETI	VILSP	02	16	49.0	-03	12	00	6.8			*	53	LWR	8060	L	S	O	012	00	80	168	04	16	V	/		502
*C GETI	VILSE	02	16	49.0	-03	12	00	6.8			*	53	SWP	9299	L	L	O	075	00	80	168	04	31	V	/		351
*MIRACETI	VILSE	02	16	49.0	-03	12	00	3.5			*	51	LWR	8235	H	L	O	135	00	80	194	01	32	V	/		255
*H 14386	VILSE	02	16	49.0	-03	12	00	3.5			*	49	LWR	8540	L	L	O	012	00	80	230	00	00	V	/		463
*H 14386	VILSE	02	16	49.0	-03	12	00	3.5			*	49	SWP	9827	L	L	O	080	00	80	230	22	23	V	/		461
*H 14386	VILSE	02	16	49.0	-03	12	00	3.5			*	49	LWR	8540	L	S	O	010	00	80	230	23	47	V	/		353
HD 14489	MLCNM	02	18	51.2	+55	37	06	5.17		A2	IA	32	LWR	8997	H	S	O	035	00	80	285	08	23	G	81	126	C=225,B=35
HD 14489	MLCNM	02	18	51.2	+55	37	06	1.6		A2	IA	32	LWR	9045	H	S	O	070	00	80	289	08	34	G	81	141	C=1.5X,B=50
*H 14633	UK323	02	19	46.0	+41	15	00	7.5			*	12	LWR	8633	L	L	O	000	15	80	240	21	30	V	/		601
*H 14633	UK323	02	19	46.0	+41	15	00	7.5			*	12	LWR	8633	L	S	O	000	13	80	240	21	38	V	/		501
*H 14633	UK323	02	19	46.0	+41	15	00	7.5			*	12	SWP	9922	L	L	O	000	08	80	240	21	40	V	/		501
*H 14818	UK35C	02	21	43.0	+56	23	00	6.2			*	23	LWR	8161	H	L	O	017	00	80	183	02	02	V	/		502 MICPH
*H 14818	UK350	02	21	43.0	+56	23	00	6.2			*	23	SWP	9416	H	L	O	075	00	80	183	02	28	V	/		602

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
RW TRI	CVCRW	02	22	42.0	+27	52	24	12.9		A7	*	63 SWP 10135	L	L	O 075	00	80	259	14	29	G	81/	103	B=182,C=110,B=40
HD 14947	HSCPC	02	23	06.0	+58	39	00	8.0	E0.79	O5	*	15 SWP 10724	H	L	O 360	00	80	336	18	44	G	81/	183	B=219,C=1.5X,B=80
*H 15089	AW156	02	24	55.0	+67	11	00	04.5			*	36 LWR 7792	H	L	O 010	00	80	140	02	17	V	/		603
*H 15089	AW156	02	24	55.0	+67	11	00	04.5			*	36 SWP 9048	H	L	O 015	00	80	140	02	32	V	/		602
HD 15629	HSCPC	02	29	31.4	+61	18	06	8.4	E0.75	O4	*	13 SWP 10754	H	L	O 300	00	80	339	18	31	G	81/	183	C=223,B=70
*LS161303	MLCJH	02	36	40.9	+61	00	59	10.8	+1.10	B0	*	13 LWR 8118	L	L	O 050	00	80	177	16	03	G	81/	027	C=260,B=39
*GT 0236	LM344	02	36	41.0	+61	01	00	15.0			*	59 SWP 10234	L	L	O 090	00	80	271	20	52	V	/		202
*GT 0236	LM344	02	36	41.0	+61	01	00	15.0			*	59 LWR 8901	L	L	O 035	00	80	271	22	41	V	/		503
*GT 0236	LM344	02	36	41.0	+61	01	00	11.0			*	59 SWP 10249	L	L	O 120	00	80	273	19	26	V	/		402
*GT 0236	LM344	02	36	41.0	+61	01	00	11.0			*	59 LWR 8914	L	L	O 067	00	80	273	21	30	V	/		602
HD 16523	HSCPC	02	37	33.0	+56	31	00	10.5	E0.52	O2	*	10 LWR 9421	L	L	O 008	00	80	337	03	25	G	81/	183	B=1.5X,C=200,B=29
HD 16523	HSCPC	02	37	33.0	+56	31	00	10.5	E0.52	O2	*	10 SWP 10726	L	L	O 008	00	80	337	03	57	G	81/	183	B=255,C=60,B=18
HD 16739	CCCLK	02	39	05.0	+39	59	02	4.9		G0	IV	41 LWR 9566	H	L	O 030	00	80	359	04	27	G	81/	208	C=1.5X,B=35
NGC 1068	IGCLC	02	40	07.0	-00	13	31	11.0			*	84 SWP 9355	L	L	O 030	00	80	175	19	11	G	81/	022	B=157,C=105,B=75
NGC 1068	IGCLC	02	40	07.0	-00	13	31	11.0			*	84 LWR 8115	L	L	O 030	00	80	175	19	45	G	81/	022	B=201,C=125,B=47
NGC 1068	IGCLC	02	40	07.0	-00	13	31	11.0			*	84 SWP 9356	L	L	O 045	00	80	175	20	28	G	81/	022	B=175,B=80,B=35
HD 237006	VVCAD	02	45	24.0	+57	48	22	9.19	1.64	M1	IB	39 SWP 9393	L	L	O 030	00	80	180	16	26	G	81/	027	C=35,B=22
HD 237006	VVCAD	02	45	24.0	+57	48	22	9.19	1.64	M1	IB	39 LWR 8144	L	L	O 015	00	80	180	17	03	G	81/	027	C=140,B=27
HD 237006	VVCAD	02	45	24.0	+57	48	22	9.19	1.64	M1	IB	39 SWP 9395	H	L	O 090	00	80	180	19	16	G	81/	027	C=107,B=33
HD 17378	MLCNM	02	45	48.3	+56	52	38	6.3	E0.89	A5	IA	33 LWR 9042	H	L	O 180	00	80	289	03	51	G	81/	132	C=175,B=63
HD 17506	CCCRS	02	47	03.0	+55	41	30	3.8	0.16	K3	IB	47 LWR 7558	H	L	O 021	00	80	110	19	22	G	80/	331	B=174,B=63
HD 17709	RPSID	02	48	25.5	+34	51	18	4.54		K7	III	47 LWR 9405	L	L	O 048	00	80	334	21	07	G	81/	183	B=2X,C=150,B=30
HD 17709	RPSID	02	48	25.5	+34	51	18	4.54		K7	III	47 LWR 9405	L	S	O 005	00	80	334	22	01	G	81/	183	B=128,C=70,B=30
HD 17709	RPSID	02	48	25.5	+34	51	18	4.54		K7	III	47 SWP 10708	L	L	O 090	00	80	334	22	11	G	81/	183	B=65,B=20
HD 17638	HSCPC	02	48	29.0	+56	43	51	11.0	E0.91	O2	*	10 LWR 9420	L	L	O 040	00	80	337	01	26	G	81/	183	B=1.5X,C=220,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 17638	HSCPC	02	48	29.0	+56	43	51	11.0	E0.91	O2		*	10 SWP 10725	L	L	0 045	00	80	337	02	13	G	81/183		E=205,C=80,B=24
*BD+59562	UK323	02	49	05.0	+60	15	00	9.7				*	20 LWR 8636	L	S	0 013	00	80	240	00	35	V	/		501
*BD+59562	UK323	02	49	05.0	+60	15	00	9.7				*	20 LWR 8636	L	L	0 028	00	80	240	00	50	V	/		701
*BD+59562	UK323	02	49	05.0	+60	15	00	9.7				*	20 SWP 9925	L	L	0 025	00	80	240	01	21	V	/		501
HD 17878	OD38E	02	50	41.8	+52	33	33	3.9		A		*	39 LWR 9262	H	S	C 033	00	80	314	04	54	G	81/156		C=85,B=30
HD 17878	OD38E	02	50	41.8	+52	33	33	3.90		A		*	39 LWR 9339	L	L	0 000	12	80	324	09	10	G	81/173		C=120,B=24
HD 17878	OD38E	02	50	41.9	+52	33	33	3.90		A		*	39 LWR 9340	L	S	0 000	25	80	324	09	43	G	81/166		C=210,B=26
HD 17878	OD38E	02	50	41.9	+52	33	33	3.90		A		*	39 LWR 9341	H	S	0 020	00	80	324	10	19	G	81/166		C=130,B=60
HD 17878	OD38E	02	50	41.9	+52	33	33	3.90		A		*	39 SWP 10635	L	L	0 000	25	80	324	10	45	G	81/187		C=104,B=25
HD 17878	OD38E	02	50	41.9	+52	33	33	3.90		A		*	39 LWR 9342	H	S	0 030	00	80	324	11	21	G	81/166		C=240,B=28
*BD+60594	UK323	02	53	06.0	+61	13	00	9.3				*	12 LWR 8632	L	L	0 028	C0	80	240	19	32	V	/		401
*BD+60594	UK323	02	53	06.0	+61	13	00	9.3				*	12 LWR 8632	L	S	0 006	00	80	240	20	09	V	/		701
*BD+60594	UK323	02	53	06.0	+61	13	00	9.3				*	12 SWP 9921	L	L	0 010	00	80	240	20	18	V	/		501
*BD+60608	UK323	02	55	49.0	+61	05	00	6.8				*	20 LWR 8631	L	L	0 001	30	80	240	18	44	V	/		701
*BD+60608	UK323	02	55	49.0	+61	05	00	6.8				*	20 LWR 8631	L	S	0 000	30	80	240	18	51	V	/		301
*BD+60608	UK323	02	55	49.0	+61	05	00	6.8				*	20 SWP 9920	L	L	0 000	35	80	240	18	55	V	/		500
C/ENCKE	SCCPE	02	56	11.0	+32	05	57	8.7	E0.0			*	06 LWR 9219	L	L	0 060	00	80	308	10	26	G	81/152		E=252
*D+310539	IECTS	03	03	28.7	+32	03	46	09.8	E1.46	B2	V		20 LWR 8530	L	L	0 060	00	80	230	10	23	G	81/083		G TYPE SPECTRUM
*D+310539	IECTS	03	03	28.8	+32	3	47	9.1	E1.46	B2	V		20 SWP 9460	L	L	0 240	00	80	188	12	12	G	81/033		C=10-20,B=90
*IC 289	NPCAE	03	06	18.0	+61	8	0	12.3	0.0	P.N.		*	70 SWP 9474	L	L	0 060	00	80	190	10	58	G	81/034		B=30
*IC 289	NPCAE	03	06	18.0	+61	8	0	12.3	0.0	P.N.		*	70 LWR 8204	L	L	0 024	00	80	190	12	00	G	81/034		B=35
*IC 289	NPCAB	03	06	18.0	+61	8	0	12.3	0.0	P.N.		*	70 SWP 9475	L	L	0 060	00	80	190	12	48	G	81/034		C=90,B=70
*IC 289	NPCAE	03	06	18.0	+61	8	0	12.3	0.0	P.N.		*	70 LWR 8205	L	L	0 060	00	80	190	13	50	G	81/042		B=54
*TW HUR	FQ409	03	11	17.0	-57	30	00	5.6				*	50 LWR 7774	L	S	0 020	00	80	137	05	37	V	/		236
*TW HUR	FQ409	03	11	17.0	-57	30	00	5.6				*	50 LWR 7774	L	L	0 105	00	80	137	06	02	V	/		566

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*TW HOR	FQ409	03	11	17.0	-57	30	00	5.5			*	50	LWR 9049	L	L	0 105	00	80	289	18	45	V	/		453
*TW HOR	FQ409	03	11	17.0	-57	30	00	5.5			*	50	LWR 9049	L	S	0 020	00	80	289	20	35	V	/		223
*TW HOR	FQ409	03	11	17.0	-57	30	00	5.5			*	50	SWP 10369	L	L	0 050	00	80	289	20	58	V	/		101
AO311-22	FECAD	03	11	59.8	-22	46	47	15	E0.00		*	59	SWP 10237	L	L	0 040	00	80	272	06	20	G	81/118		E=118,B=17
*0311-227	UK308	03	12	00.0	-22	47	00	14.2			*	59	SWP 9592	L	L	0 040	00	80	206	00	42	V	/		232
*0311-227	UK308	03	12	00.0	-22	47	00	14.2			*	59	LWR 8338	L	L	0 050	00	80	206	01	31	V	/		221
*0311-227	UK308	03	12	00.0	-22	47	00	14.2			*	59	SWP 9593	L	L	0 040	00	80	206	02	44	V	/		232
*0311-227	UK308	03	12	00.0	-22	47	00	14.2			*	59	LWR 8337	L	L	0 030	00	80	206	23	40	V	/		201
PG 0314+146	FECRG	03	14	19.9	+14	37	09	12.0		O	SD	16	SWP 10295	L	L	0 007	24	80	280	13	05	G	81/120		C=NONE,B=30,TRAILED
HD 20630	CCCKE	03	16	44.0	+03	11	00	4.8	E0.0	G5	V	44	LWR 8860	H	L	0 033	00	80	265	12	04	G	81/117		B=255,C=3X,B=43
*H 20630	MR321	03	16	44.0	+03	11	00	4.8			*	44	SWP 9462	L	L	0 050	00	80	188	20	31	V	/		431
HD 20722	MLCHJ	03	16	55.4	-41	20	28	9.1	1.34	K3	III	47	LWR 7614	L	L	0 023	00	80	117	12	29	G	80/335		C=110,B=45
NGC 1316	EGCJC	03	20	46.8	-37	23	19	11.4		K5	III	81	SWP 10684	L	L	0 435	00	80	331	20	35	G	81/183		C=98,B=70
NGC 1316	EGCJC	03	20	46.8	-37	23	19	11.4		K5	III	81	LWR 9412	L	L	0 180	00	80	336	00	06	G	81/183		C=82,B=44
SN131680	CVCCW	03	21	05.9	-37	23	25	12.6			*	56	LWR 9503	L	L	0 045	00	80	351	03	10	G	81/203		C=85,B=30
SN131680	CVCCW	03	21	05.9	-37	23	25	13.			*	56	LWR 9563	L	L	0 096	00	80	358	08	06	G	/		C=50,B=50
SN131680	CVCCW	03	21	05.9	-37	23	25	13.2		SN	*	56	LWR 9569	L	L	0 120	00	80	359	18	56	G	/		C=80,B=35
SN131680	CVBCW	03	21	12.5	-37	23	27	12.6			*	56	SWP 10803	L	L	0 088	00	80	347	08	15	G	81/188		B=30
*H 21291	UK381	03	25	00.0	+59	46	00	4.2			*	25	LWR 9317	H	L	0 006	30	80	321	14	48	V	/		502
*H 21291	UK381	03	25	00.0	+59	46	00	4.2			*	25	LWR 10612	H	L	0 090	00	80	321	14	58	V	/		701
*H 21291	UK339	03	25	01.0	+59	46	00	4.2			*	25	LWR 8581	H	L	0 005	00	80	235	22	50	V	/		402
*H 21291	UK339	03	25	01.0	+59	46	00	4.2			*	25	SWP 9871	H	L	0 057	00	80	235	23	07	V	/		302
*' 21483	UK339	03	25	42.0	+30	12	00	7.0			*	24	SWP 9870	H	L	0 180	00	80	235	18	18	V	/		502
*' 21483	UK339	03	25	42.0	+30	12	00	7.0			*	24	LWR 8580	H	L	0 040	00	80	235	18	34	V	/		502
HD 21389	MLCNM	03	25	54.2	+58	42	26	2.1		A0	IA	32	LWR 9019	H	S	0 050	00	80	287	11	56	G	81/128		C=1.5X,B=47

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID		PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	GK	PER	03	27	46.5	+43	43	35	16			*	55	SWP 10132	L	L	O	060	00	80	259	00	53	G	81	103	E=92,B=24
	GK	PER	03	27	46.5	+43	43	35	16			*	55	SWP 10133	L	L	O	480	00	80	259	02	14	G	81	103	C=NONE;WEAK,B=105
	GK	PER	03	27	47.5	+43	44	04	16			*	55	SWP 10134	L	L	O	180	00	80	259	10	50	G	81	103	C=WEAK/NONE,B=43-80
HD	22049		03	30	34.0	-09	38	00	3.7		K2	V	46	LWR 8421	H	L	O	010	00	80	216	06	26	G	81	062	E=255,C=130,B=27
HD	22049		03	30	34.0	-09	38	00	3.7		K2	V	46	SWP 9682	L	L	O	040	00	80	216	07	31	G	81	064	E=2X,C=85,B=27
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	SWP 9930	L	L	O	020	00	80	241	09	00	G	81	092	E=100,C=64,B=30
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	LWR 8642	H	L	O	007	00	80	241	09	40	G	81	092	E=212,C=115,B=30
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	SWP 10017	L	L	O	012	00	80	249	13	03	G	81	097	E=236,C=45,B=25
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	LWR 8723	H	L	O	005	39	80	249	13	31	G	81	097	E=203,C=100,B=25
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	LWR 8779	H	L	O	005	39	80	256	13	09	G	81	100	E=194,C=105,B=25
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	SWP 10094	L	L	O	012	00	80	256	13	43	G	81	100	E=227,C=72,B=25
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	SWP 10165	L	L	O	012	00	80	261	13	44	G	81	103	E=238,B=27
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	LWR 8832	H	L	O	005	39	80	261	14	10	G	81	103	E=235,C=120,B=25
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	SWP 10194	L	L	O	012	00	80	265	10	56	G	81	117	E=200,C=37,B=27
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	LWR 8859	H	L	O	005	39	80	265	11	28	G	81	117	E=236,C=100,B=30
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	LWR 8885	H	L	O	005	10	80	268	13	33	G	81	117	E=218,C=195,B=28
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	SWP 10215	L	L	O	009	14	80	268	13	44	G	81	117	E=195,C=38,B=26
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	LWR 9347	H	L	O	005	39	80	325	08	16	G	81	173	E=169,C=105,B=16
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	SWP 10641	L	L	O	012	00	80	325	08	26	G	81	173	E=104,C=66,B=51
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	LWR 9378	H	L	O	005	39	80	329	10	11	G	81	183	E=202,C=100,B=25
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	SWP 10670	L	L	O	012	00	80	329	10	20	G	81	195	E=219,C=39,B=28
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	LWR 9402	H	L	O	005	39	80	334	10	13	G	81	183	E=156,C=90,B=30
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	SWP 10703	L	L	O	011	29	80	334	10	23	G	81	183	E=228,C=50,B=26
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	LWR 9423	H	L	O	005	39	80	338	08	09	G	81	183	E=218,C=105,B=30
HD	22049		03	30	34.0	-09	38	00	3.7	E0.0	K2	V	46	SWP 10738	L	L	O	012	00	80	338	08	19	G	81	183	E=200,C=42,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
NGC 1365	QSCAW	03 31 42.0	-36 18 18	13.0			* 84	SWP 9070	L	L	0 120 00	80 143 08 50	G	81/002	C=75,B=30
NGC 1365	QSCAW	03 31 42.0	-36 18 18	13.0			* 84	LWR 7825	L	L	0 120 00	80 143 10 54	G	80/358	C=115,B=40
HD 22192	BECAS	03 32 55.5	+48 01 41	4.2		B5	* 60	LWR 9071	H	S	0 003 29	80 291 10 53	G	81/141	C=2X,B=37
HD 22192	BECAS	03 32 55.5	+48 01 41	4.2		B5	* 64	SWP 10388	H	S	0 005 00	80 291 11 01	G	81/141	C=3-4X,B=45
*E0001099	CSCJL	03 34 13.0	+00 25 28	6.0	E0.18	G5 IV	44	SWP 9530	H	L	0 435 00	80 198 04 53	G	81/044	E=1.5X,C=110,B=105
*E0001099	CSCJL	03 34 13.0	+00 25 28	6.0	E0.18	G5 IV	44	SWP 9571	H	L	0 375 00	80 205 04 33	G	81/058	E=164,1.5-2X,B=90
*N 1404	PC347	03 37 00.0	-35 45 00	11.0			* 81	LWR 7945	L	L	0 390 00	80 155 23 00	V	/	109 SMLT WITH 3 9189
*N 1404	PC347	03 37 00.0	-35 45 00	11.0			* 81	SWP 9189	L	L	0 391 00	80 155 23 16	V	/	306
*N 1404	PC347	03 37 00.0	-35 45 00	11.0			* 81	LWR 7958	L	L	0 +05 00	80 156 23 02	V	/	309
*N 1404	PC347	03 37 00.0	-35 45 00	11.0			* 81	SWP 9194	L	L	0 390 00	80 156 23 03	V	/	104 SMLT WITH 2 7958
HD 23180	OD35E	03 41 10.5	+32 07 53	3.9	E0.32	B1 III	74	SWP 9687	H	S	0 001 04	80 216 14 13	G	81/062	C=140,B=30
HD 23180	OD35E	03 41 10.5	+32 07 53	3.9	E0.32	B1 III	74	LWR 8427	H	S	0 001 19	80 216 14 19	G	81/062	C=200,B=30
HD 23180	OD35E	03 41 10.5	+32 07 53	3.9	E0.32	B1 III	74	LWR 8428	H	S	0 001 44	80 216 15 07	G	81/062	C=245,B=35
HD 23180	OD35E	03 41 10.5	+32 07 53	3.9	E0.32	B1 III	74	SWP 9688	H	S	0 002 29	80 216 15 12	G	81/062	C=240,B=40
*D+310643	IECTS	03 41 25.7	+32 00 22	08.5	E0.70	B5 V	21	SWP 9821	L	L	0 025 00	80 230 11 37	G	81/083	C=165,B=18
*D+310643	IECTS	03 41 25.7	+32 00 22	08.5	E0.70	B5 V	21	LWR 8531	L	L	0 008 00	80 230 12 09	G	81/083	C=200,B=25
*D+310643	IECTS	03 41 25.8	+32 00 23	8.5	E0.84	B5 V	21	LWR 8192	L	L	0 060 00	80 188 16 56	G	81/033	C=5X,B=45
*D+310643	IECTS	03 41 25.8	+32 0 23	8.5	E0.84	B5 V	21	SWP 9461	L	L	0 050 00	80 188 18 01	G	81/033	C=2-3X,B=30
*D+310643	IECTS	03 41 25.8	+32 0 23	8.5	E0.84	B5 V	21	LWR 8193	L	L	0 010 00	80 188 18 55	G	81/033	C=275,B=25
*IC 351	NPCAE	03 44 18.0	+34 54 0	12.0	0.0	P.N. *	70	SWP 9476	L	L	0 030 00	80 190 15 26	G	81/034	E=162,C=59,B=35
*IC 351	NPCAE	03 44 18.0	+34 54 0	12.0	0.0	P.N. *	70	LWR 8206	L	L	0 045 00	80 190 16 01	G	81/034	E=138,C=110,B=42
*IC 351	NPCAE	03 44 18.0	+34 54 0	12.0	0.0	P.N. *	70	SWP 9477	H	L	0 090 00	80 190 16 50	G	81/034	E=125,B=49
*IC 351	NPCAE	03 44 18.0	+34 54 0	12.0	0.0	P.N. *	70	LWR 8207	H	L	0 083 00	80 190 18 24	G	81/034	E=97,B=55
HD 23630	BECAS	03 44 30.4	+23 57 08	2.9		B7 III	26	LWR 9060	H	S	0 000 62	80 290 11 57	G	81/141	C=235,B=32
HD 23630	BECAS	03 44 30.4	+23 57 08	2.9		B7 III	26	SWP 10378	H	S	0 001 44	80 290 12 03	G	81/141	C=240,B=37

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*B	23552	UK303	03	44	36.0	+50	35	00	6.1			*	25 LWR	8744	H	L	O 017	00	80	251	16	20	V	/		603
*B	23552	UK303	03	44	36.0	+50	35	00	6.1			*	25 SWP	10046	H	L	O 045	00	80	251	16	58	V	/		601
HD	23754	CCCBB	03	44	41.6	-23	23	46	4.2		F3	V	41 SWP	10248	L	L	O 040	00	80	273	11	50	G	81/117		E=123,C=255,10X,B=50
HD	23754	CCCBB	03	44	41.6	-23	23	47	4.2		F3	V	41 LWR	8911	H	L	O 009	00	80	273	12	38	G	81/118		C=255,B=32
HD	23754	CCCBB	03	44	41.6	-23	23	46	4.2		F3	V	41 SWP	10248	L	S	O 008	00	80	273	12	53	G	81/117		C=210,B=23-50
HD	23754	CCCBB	03	44	41.6	-23	23	46	4.2	E0.43	F3	V	41 SWP	10930	L	L	O 045	00	80	365	22	49	G	/		E=97,C=10-15X,B=24
HD	23754	CCCBB	03	44	41.6	-23	23	46	4.2	E0.43	F3	V	41 LWR	9613	L	S	O 001	00	80	365	23	38	G	/		E=1.5X,C=2X,B=30
HD	23754	CCCBB	03	44	41.6	-23	23	46	4.2	E0.43	F3	V	41 LWR	9613	L	L	O 002	00	80	365	23	43	G	/		E=6X,C=8X,B=30
HD	23753	IECTS	03	45	22.8	+23	16	08	05.4	E0.00	B8	V	22 SWP	9822	L	L	O 000	10	80	230	13	51	G	81/083		C=210,B=17
HD	23753	IECTS	03	45	22.8	+23	16	08	05.4	E0.00	B8	V	22 LWR	8533	L	L	O 000	04	80	230	13	55	G	81/084		C=210,B=27
HD	23753	IECTS	03	45	22.9	+23	16	9	5.4		B8	V	22 LWR	8194	L	L	O 000	07	80	188	19	46	G	81/033		C=1.5-2X,B=25
HD	23862	BECAS	03	46	12.4	+23	59	07	5.1		B8	*	60 LWR	9058	H	S	O 012	00	80	290	10	13	G	81/141		C=125,B=30
HD	23862	BECAS	03	46	12.4	+23	59	07	5.1		B8	*	60 SWP	10377	H	S	O 020	00	80	290	10	32	G	81/141		C=215,B=35
HD	23862	BECAS	03	46	12.4	+23	59	07	5.1		B8	*	60 LWR	9059	H	S	O 012	00	80	290	11	03	G	81/141		C=200,B=32
*V471	TAU	OD23E	03	47	34.0	+17	06	24	9.9	E0.8	B0	WD	63 SWP	9781	L	L	O 010	00	80	227	02	36	G	81/077		E=170,C=97,B=20
*V471	TAU	OD23E	03	47	34.0	+17	06	24	9.9	E0.08	B0	WD	16 LWR	8498	L	L	O 012	00	80	227	02	53	G	81/077		E=162,C=138,B=27
*V471	TAU	OD23E	03	47	34.0	+17	06	24	9.80	E0.08	B0	WD	63 SWP	9782	L	L	O 012	00	80	227	03	19	G	81/077		E=120,C=200,B=130
*V471	TAU	OD23B	03	47	34.0	+17	06	24	9.80	E0.08	B0	WD	63 SWP	9782	L	S	O 020	00	80	227	03	35	G	81/077		E=120,C=120,B=150
*V471	TAU	OD23B	03	47	34.0	+17	06	24	9.80	E0.08	B0	WD	63 LWR	8499	L	L	O 015	00	80	227	03	58	G	81/077		E=175,C=120,B=120
*V471	TAU	OD23B	03	47	34.0	+17	06	24	9.80	E0.08	B0	WD	93 LWR	8499	L	S	O 020	00	80	227	04	20	G	81/077		E=135,C=120,B=120
*V471	TAU	OD23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63 SWP	9783	L	L	O 012	00	80	227	04	44	G	81/077		C=125,B=120
*V471	TAU	OD23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63 SWP	9783	L	S	O 018	00	80	227	04	59	G	81/077		C=200,B=15
*V471	TAU	OD23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63 LWR	8500	L	L	O 014	00	80	227	05	21	G	81/077		E=185,C=160,B=35
*V471	TAU	OD23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63 LWR	8500	L	S	O 018	00	80	227	05	38	G	81/077		E=160,C=150,B=24
*V471	TAU	OD23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63 SWP	9784	L	L	O 012	00	80	227	06	00	G	81/077		E=95,C=200,B=25

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR BB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*V471	TAU	0D23B	03	47	34.0	+17	06	24	+9.8	E0.08	B0	WD	63	LWR	8501	L	L	O	010	00	80	227	06	52	G	81/077	E=67,C=70,B=25
*V471	TAU	0D23B	03	47	34.0	+17	06	24	+9.8	E0.08	B0	WD	63	SWP	9785	L	L	O	014	00	80	227	07	19	G	81/077	C=175,B=15
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	LWR	8502	L	L	O	015	00	80	227	08	00	G	81/077	E=165,C=165,B=33
*V471	TAU	0D23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	LWR	8502	L	S	O	025	00	80	227	08	20	G	81/077	E=211,C=160,B=30
*V471	TAU	0D23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	SWP	9786	L	L	O	012	00	80	227	08	50	G	81/077	C=205,B=26
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	SWP	9786	L	S	O	022	00	80	227	09	07	G	81/077	C=195,B=26
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	LWR	8503	L	L	O	016	00	80	227	09	43	G	81/077	E=220,C=180,B=37
*V471	TAU	0D23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	LWR	8503	L	S	O	025	00	80	227	10	04	G	81/077	C=180,B=37
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	SWP	9787	L	L	O	012	00	80	227	10	37	G	81/077	C=205,B=31
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	SWP	9787	L	S	O	022	00	80	227	10	54	G	81/077	C=205,B=31
*V471	TAU	0D23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	LWR	8504	L	L	O	016	00	80	227	11	21	G	81/077	E=229,C=190,B=38
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	LWR	8504	L	S	O	025	00	80	227	11	42	G	81/077	E=236,C=190,B=38
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	SWP	9788	L	L	O	012	00	80	227	12	14	G	81/077	C=210,B=54
*V471	TAU	0D23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	SWP	9788	L	S	O	022	00	80	227	12	31	G	81/077	C=195,B=54
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	LWR	8505	L	L	O	016	00	80	227	12	57	G	81/077	E=244,C=180,B=38
*V471	TAU	0D23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	LWR	8505	L	S	O	025	00	80	227	13	19	G	81/077	E=217,C=170,B=38
*V471	TAU	0D23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	SWP	9789	L	L	O	012	00	80	227	13	48	G	81/077	C=210,B=32
*V471	TAU	0D23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	SWP	9789	L	S	O	022	00	80	227	14	10	G	81/077	C=210,B=32
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	LWR	8506	L	L	O	016	00	80	227	14	37	G	81/077	E=250,C=185,B=32
*V471	TAU	0D23B	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	LWR	8506	L	S	O	025	00	80	227	14	58	G	81/077	E=242,C=185,B=32
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	SWP	9790	L	L	O	012	00	80	227	15	28	G	81/077	C=220,B=32
*V471	TAU	0D23E	03	47	34.0	+17	06	24	9.8	E0.08	B0	WD	63	SWP	9790	L	S	O	022	00	80	227	15	45	G	81/077	C=185,B=32
RW	CAM	DCCDB	03	50	14.1	+58	30	30	8.6	E0.85	G0	II	39	SWP	10061	L	L	O	105	C0	80	253	09	58	G	81/098	C=105,B=52
ZETA	PER	0D35E	03	50	58.9	+31	44	12	2.9	E0.30	B1	IB	74	SWP	9684	H	S	O	002	39	80	216	10	27	G	81/062	C=270,2-3X,B=45
ZETA	PER	0D35B	03	50	58.9	+31	44	12	2.9	E0.30	B1	IB	74	LWR	8423	H	S	O	001	C9	80	216	10	35	G	81/062	C=1.5-2X,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
ZETA PER	OD35B	03 50 58.9	+31 44 12	2.9	E0.30	B1	IB	74 SWP 9685	H S	O	000 54	80 216 11 25	G	81/062	C=285,B=30
ZETA PER	OD35E	03 50 58.9	+31 44 12	2.9	E0.30	B1	IB	74 LWR 8424	H S	O	000 39	80 216 11 30	G	81/062	C=215,B=30
ZETA PER	OD35B	03 50 58.9	+31 44 12	2.9	E0.30	B1	IB	74 SWP 9686	L S	O	000 00	80 216 12 19	G	81/064	C=110,B=15
ZETA PER	OD35B	03 50 58.9	+31 44 12	2.9	E0.30	B1	IB	74 SWP 9686	L L	O	000 01	80 216 12 25	G	81/064	C=140,B=15,TRAILED
ZETA PER	OD35E	03 50 58.9	+31 44 12	2.9	E0.30	B1	IB	74 LWR 8425	L S	O	000 00	80 216 12 33	G	81/062	C=180,B=40
ZETA PER	OD35E	03 50 58.9	+31 44 12	2.9	E0.30	B1	IB	74 LWR 8425	L L	O	000 00	80 216 12 39	G	81/062	C=30X,B=40,TRAILED
ZETA PER	OD35B	03 50 58.9	+31 44 12	2.9	E0.30	B1	IB	74 LWR 8426	L L	O	000 00	80 216 13 35	G	81/062	C=170,B=25
*XXCAM	UK366	04 04 46.0	+58 14 00	7.3		*	44	LWR 8956	L L	O	007 00	80 279 18 02	V	/	502
*XXCAM	UK366	04 04 46.0	+58 14 00	7.3		*	44	LWR 8956	L S	O	010 00	80 279 18 13	V	/	402
*XXCAM	UK366	04 04 46.0	+58 14 00	7.3		*	44	LWR 8957	L L	O	020 00	80 279 18 51	V	/	702
HD 26462	CCCEB	04 08 40.4	+05 23 40	5.7		F4	V	41 LWR 8868	H L	O	030 00	80 267 00 14	G	81/117	E=90,C=240,B=35
HD 26462	CCCEB	04 08 40.4	+05 23 40	5.7		F4	V	41 SWP 10204	L L	O	050 00	80 267 00 48	G	81/117	E=128,C=15X,B=17
HD 26462	CCCEB	04 08 40.4	+05 23 40	5.7		F4	V	41 SWP 10204	L S	O	010 00	80 267 01 43	G	81/117	E=128,C=1.5X,B=17
*H 26574	MF316	04 09 25.0	-06 58 00	4.0		*	40	LWR 8973	H L	O	010 57	80 282 15 04	V	/	602
*VW HYI	CVCPS	04 09 29.0	-71 26 24	13		0	*	54 SWP 9345	L L	O	045 00	80 174 15 57	G	81/022	E=187,C=210,B=145
*VW HYI	CVCPS	04 09 29.0	-71 26 24	13.5		0	*	54 LWR 8101	L L	O	040 00	80 174 16 47	G	81/022	E=205,C=180,B=80
*VW HYI	UK313	04 09 32.0	-71 25 00	14.0			*	54 LWR 8459	L L	O	045 00	80 220 20 50	V	/	402
*VW HYI	UK313	04 09 32.0	-71 25 00	14.0			*	54 SWP 9726	L L	O	060 00	80 220 21 06	V	/	401
NGC 1535	FBCSH	04 11 54.0	-12 52 00	11.9		O5	*	70 SWP 10737	L L	O	003 19	80 338 07 39	G	81/183	E=243,C=220,B=17
NGC 1535	FBCSH	04 11 54.0	-12 52 00	11.9		O5	*	70 SWP 10821	H L	O	270 00	80 351 18 31	G	81/203	E=3-5X,C=200,B=62
HD 26911	CCCEB	04 12 55.7	+15 16 38	6.3		F2	V	40 LWR 8869	H L	O	050 00	80 267 02 09	G	81/117	E=35,C=185,B=32
HD 26911	CCCEB	04 12 55.7	+15 16 38	6.3		F2	V	40 SWP 10205	L S	O	030 00	80 267 03 13	G	81/117	C=1.5-2X,B=50
HD 26911	CCCEE	04 12 55.7	+15 16 38	6.3		F2	V	40 SWP 10205	L L	O	150 00	80 267 03 52	G	81/117	C=15-20X,B=50
HD 26976 E	FBCMS	04 12 59.1	-07 45 54	9.5	E0.03	WDA	WD	37 SWP 10124	L L	O	003 10	80 258 14 49	G	81/103	240,B=22
HD 26976 E	FBCMS	04 12 59.1	-07 45 54	9.5	E0.03	WDA	WD	37 SWP 10124	L S	O	005 00	80 258 15 04	G	81/103	C=1.5X,B=22

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	SI ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 26976 E	FBCMS	04 12 59.1	-07 45 54	9.5	E0.03	WDA WD	37	SWP 10125	L L	O	001 29	80 258 15 34	G	81/103	C=240,B=20
BP TAU	TTCCI	04 16 08.7	+28 59 16	11.9		K5 IV	58	LWR 9309	L L	O	030 00	80 320 09 10	G	81/173	E=1.5X,C=85,B=40
HD 27429	CCCEB	04 17 30.5	+18 37 27	6.1		F2 V	40	SWP 10219	L L	O	090 00	80 269 10 06	G	81/117	E=114,C=10X,B=50
HD 27429	CCCEE	04 17 30.5	+18 37 27	6.1		F2 V	40	LWR 8889	H L	O	040 00	80 269 11 40	G	81/117	C=195,B=40
RY TAU	TTCCI	04 18 50.9	+28 19 35	10.8		G5 IV	58	LWR 9294	L L	O	015 00	80 318 11 33	G	81/166	E=168,C=73,B=30
NGC 1566	QSCSG	04 18 52.8	-55 03 24	10.5		*	84	SWP 10681	L L	O	030 00	80 331 07 34	G	81/183	E=62,C=44,B=25
NGC 1566	QSCSG	04 18 52.8	-55 03 24	10.5		*	84	LWR 9391	L L	O	025 00	80 331 08 09	G	81/183	E=74,C=70,B=33
NGC 1566	QSCSG	04 18 52.8	-55 03 24	10.5		*	84	SWP 10694	L L	O	310 00	80 333 06 36	G	81/187	E=144,C=138,B=98
NGC 1566	QSCAW	04 18 53.3	-55 03 23	13.5		*	84	SWP 9071	L L	O	090 00	80 143 13 19	G	80/358	E=65,C=65,B=30
NGC 1566	QSCAW	04 18 53.3	-55 03 23	13.5		*	84	LWR 7826	L L	O	057 00	80 143 14 54	G	80/358	E=107,C=75,B=37
*H 284419	UK356	04 19 03.0	+19 25 00	11.5		*	58	SWP 10543	L L	O	372 00	80 309 13 35	V	/	343 LY ALPHA SAT
*H 284419	UK356	04 19 03.0	+19 25 00	10.0		*	58	LWR 9254	L L	O	240 00	80 312 15 29	V	/	769
*H 284419	OKTOP	04 19 03.0	+19 25 00	10.2		*	58	LWR 9214	H L	O	176 00	80 307 16 52	V	/	264
T TAU	TTCCI	04 19 04.3	+19 25 05	10.4		K1 IV	58	SWP 10600	L L	O	180 00	80 318 20 56	G	81/188	E=167,C=50,B=43
T TAU	TTCCI	04 19 04.3	+19 25 05	10.4		K1 IV	58	LWR 9296	L	O	060 00	80 319 05 34	G	81/166	E=15X,C=130,B=47
T TAU	TTCCI	04 19 04.3	+19 25 05	10.4		K1 IV	58	LWR 9297	L L	O	004 00	80 319 07 03	G	81/166	E=96,B=23
T TAU	TTCCI	04 19 04.3	+19 25 05	10.4		K1 IV	58	LWR 9298	H L	O	120 00	80 319 07 36	G	81/166	E=209,B=100
T TAU	TTCCI	04 19 04.3	+19 25 05	10.4		K1 IV	58	LWR 9299	L L	O	007 29	80 319 09 40	G	81/166	E=168,B=25
T TAU	TTCCI	04 19 04.3	+19 25 05	10.4		K1 IV	58	LWR 9295	H L	O	300 00	80 319 23 60	G	81/166	E=2X,B=75
T TAU	TTCCI	04 19 04.3	+19 25 05	10.4		K1 IV	58	SWP 10613	L L	O	180 00	80 322 01 19	G	81/188	E=88,B=35
*000M4-18	EGCMP	04 21 17.9	+60 00 00	13.5		*	70	LWR 8401	L L	O	090 00	80 214 04 50	G	81/058	E=212,C=145,B=32
*000M4-18	EGCMP	04 21 17.9	+60 00 00	13.5		*	70	SWP 9659	L L	O	180 00	80 214 06 25	G	81/058	E=160,C=120,B=45
*000M4-18	EGCMP	04 21 17.9	+60 00 00	13.5		*	70	LWR 8402	L L	O	100 00	80 214 09 29	G	81/058	E=200,C=170,B=55
HD 27836	CCCAW	04 21 22.3	+14 38 37	7.6	E0.02	G0 V	44	SWP 9876	L L	O	180 00	80 236 13 27	G	81/104	E=3-5X,C=210,B=115
HD 27859	CCCAW	04 21 35.5	+16 46 20	7.80		G1 V	44	SWP 9854	L L	O	400 00	80 234 07 23	G	81/089	C=255,B=123

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL		IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	*H	29136 UK303	04	21	45.0	-84	36	00	7.2			*	23	SWP	10051	H	L	O	030	00	80	251	23	24	V	/		601
HD		27991 CCCAW	04	22	45.8	+15	49	42	6.5	E-.03	F8	V	41	SWP	9853	L	L	O	240	00	80	234	02	35	G	81/084		C=60,2X,B=35
HD		27991 CCCAW	04	22	45.8	+15	49	42	6.5	E-.03	F8	V	41	LWR	8571	H	L	O	030	00	80	234	06	44	G	81/089		C=120,B=30
HD		27991 CCCAW	04	22	45.8	+15	49	42	6.5	E-.03	F8	V	41	LWR	8592	H	L	O	030	00	80	236	16	35	G	81/076		
HD		27991 CCCAW	04	22	45.8	+15	49	42	6.5	E-.03	F8	V	41	SWP	9877	L	L	O	038	00	80	236	17	09	G	81/104		E=126,C=190,B=25
HD		28052 CCCAW	04	23	29.6	+15	30	23	4.5	E0.10	A5	V	31	LWR	8572	H	L	O	020	00	80	234	14	19	G	81/089		E=186,C=2X,B=42
HD		28052 CCCAW	04	23	29.6	+15	30	23	4.5	E0.10	A5	V	31	SWP	9855	L	S	O	003	00	80	234	14	47	G	81/089		C=6X,B=12
HD		28052 CCCAW	04	23	29.6	+15	30	23	4.5	E0.10	A5	V	31	SWP	9855	L	L	O	003	00	80	234	14	56	G	81/089		C=3X,B=30
HD		28052 CCCAW	04	23	29.6	+15	30	23	4.5	E0.10	A5	V	31	LWR	8591	H	L	O	006	00	80	236	09	37	G	81/103		C=155,B=27
HD		28052 CCCAW	04	23	29.6	+15	30	23	4.5	E0.10	A5	V	31	SWP	9874	L	L	O	020	00	80	236	09	47	G	81/104		C=60,B=18
	*0002806E	CCCAW	04	23	32.0	+16	44	29	08.1		G0	V	44	SWP	9614	L	L	O	186	00	80	209	16	43	G	81/058		C=105,B=60
HD		28099 CCCAW	04	23	47.6	+16	38	07	08.1	+0.96	G0	V	44	SWP	9612	L	L	O	060	00	80	209	12	46	G	81/058		C=55,B=35
HD		28099 CCCAW	04	23	47.6	+16	38	07	08.1		G0	V	44	SWP	9613	L	L	O	120	00	80	209	14	14	G	81/058		C=78,B=63
HD		28099 CCCAW	04	23	47.7	+16	38	07	8.1	E0.08	G0	V	44	SWP	9873	L	L	O	390	00	80	236	02	36	G	81/104		E=3-4X,C=135,B=75
	DF TAU	TTCCI	04	23	59.7	+25	35	43	11.7		M0	IV	58	LWR	9293	L	L	O	040	00	80	318	10	22	G	81/166		E=240,C=141,B=50
	*DG TAU	GG365	04	24	01.0	+25	59	00	12.0			*	58	LWR	9260	L	L	O	120	00	80	313	13	12	V	/		464
	DG TAU	TTCCI	04	24	01.1	+25	59	36	11.6		G5	IV	58	LWR	9292	L	L	O	030	00	80	318	09	14	G	81/161		E=208,C=90,B=43
	DG TAU	TTCCI	04	24	01.1	+25	59	36	11.6		G5	IV	58	LWR	9301	L	L	O	028	00	80	319	11	22	G	81/166		E=167,C=80,B=35
	DG TAU	TTCCI	04	24	01.1	+25	59	36	11.6		G5	IV	58	LWR	9325	L	L	O	035	00	80	322	09	06	G	81/166		E=20,C=100,B=55
HD		28294 CCCBB	04	25	33.1	+14	37	51	5.9		F0	V	40	SWP	10247	L	L	O	036	00	80	273	09	40	G	81/117		E=100,C=251,15X,B=35
HD		28294 CCCBB	04	25	33.1	+14	37	51	5.9		F0	V	40	SWP	10247	L	S	O	007	00	80	273	10	24	G	81/117		E=34,C=255,1.5X,B=35
HD		28294 CCCBB	04	25	33.1	+14	37	51	5.9		F0	V	40	LWR	8910	H	L	O	035	00	80	273	10	36	G	81/117		C=230,B=40
HD		28568 CCCAW	04	27	54.8	+16	02	29	6.5	E0.08	F2	V	40	SWP	9875	L	L	O	120	00	80	236	10	56	G	81/104		E=209,C=2-1X,B=96
HD		28568 CCCAW	04	27	54.9	+16	02	30	6.5	E0.08	F2	V	40	LWR	8573	H	L	O	030	00	80	234	15	35	G	81/089		E=160,C=151,B=37
HD		28568 CCCAW	04	27	54.9	+16	02	30	6.5	E0.08	F2	V	40	SWP	9856	L	L	O	096	00	80	234	16	10	G	81/089		E=236,C=40,B=23

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*HZ000009	CD23E	04	29	26.9	+17	37	59	14.1	E0.0		* 63	LWR 8507	L	L	0 030	00	80	227	16	46	G	81/	077	C=120,B=32
*HZ000009	OE23B	04	29	26.9	+17	37	59	14.1	E0.0		* 63	SWP 9791	L	L	0 030	00	80	227	17	20	G	81/	077	C=90,B=20
*3C 120	UK311	04	30	31.0	+05	15	00	14.1			* 84	SWP 10416	L	L	0 180	00	80	293	15	17	V	/		342
*3C 120	OK311	04	30	31.0	+05	15	00	14.1			* 84	LWR 9102	L	L	0 183	00	80	293	18	30	V	/		466
3C 120	QSCJO	04	30	31.5	+05	14	59	15		0	* 84	SWP 10003	L	L	0 210	00	80	248	12	50	G	81/	096	E=150,C=90,B=80
*3C 120	UK311	04	30	32.0	+05	15	00	14.1			* 84	SWP 10501	L	L	0 157	00	80	303	19	11	V	/		331
*3C 120	UK324	04	30	32.0	+05	15	00	14.0			* 84	SWP 10589	L	L	0 167	00	80	316	16	59	V	/		241
HD 29139	CSCRH	04	33	02.9	+16	24	38	0.9		K5 III	47	SWP 10918	L	L	0 030	00	80	364	09	14	G	/		E=248,C=53,B=26
HD 29139	HLCDH	04	33	03.0	+16	24	00	0.9	E0.03	K5 III	47	SWP 9869	L	L	0 022	00	80	235	17	24	G	81/	084	E=3-5X,B=25
HD 29139	HLCDH	04	33	03.0	+16	24	00	0.9	E0.03	K5 III	46	LWR 9024	H	L	0 011	00	80	287	22	18	G	81/	128	E=3-4X,C=80,B=30
L879-14	FBCGH	04	35	24.4	-08	54	39	14.1		F0 WD	C2	LWR 8680	L	L	0 200	00	80	244	08	08	G	81/	092	C=165,B=75
HD 29647	IECIS	04	38	03.7	+25	53	49	08.3	E1.00	B8 V	22	LWR 8532	L	L	0 015	00	80	230	12	59	G	81/	084	C=165,B=25
*H 29866	UK303	04	40	45.0	+40	41	00	6.1			* 26	LWR 8745	H	L	0 015	00	80	251	18	02	V	/		503
*H 29866	UK303	04	40	45.0	+40	41	00	6.1			* 26	SWP 10047	H	L	0 030	00	80	251	18	29	V	/		501
*TU MEN	JK337	04	43	29.0	-76	42	00	12.0			* 54	SWP 10665	L	L	0 030	00	80	328	17	58	V	/		561
*TU MEN	JK337	04	43	29.0	-76	42	00	12.0			* 54	LWR 9374	L	L	0 020	00	80	328	18	31	V	/		503
DR TAU	TTCCI	04	44	14.0	+16	53	00	13.4		K5 V	58	LWR 9291	L	L	0 020	00	80	318	07	49	G	81/	161	E=164,C=135,B=37
DR TAU	TTCCI	04	44	14.0	+16	53	00	13.4		K5 V	58	LWR 9291	L	S	C 010	00	80	318	08	16	G	81/	161	E=80,C=37,B=37
DR TAU	TTCCI	04	44	14.0	+16	53	00	13.4		K5 V	58	LWR 9300	L	L	0 025	00	80	319	10	24	G	81/	166	E=149,C=110,B=37
DR TAU	TTCCI	04	44	14.0	+16	53	00	13.4		K5 V	58	LWR 9313	L	L	0 060	00	80	321	09	07	G	81/	167	E=2X,C=270,B=70
DR TAU	TTCCI	04	44	14.0	+16	53	00	13.4		K5 V	58	LWR 9324	L	L	0 060	00	80	322	07	02	G	81/	166	E=249,C=270,B=45
AW PER	DCCDH	04	44	25.3	+36	38	14	7.4	E0.59	G0 II	39	SWP 10062	L	L	0 040	00	80	253	12	15	G	81/	098	C=105,B=15
*H 1672	UK304	04	44	55.0	-59	20	00	12.5			* 88	SWP 10707	L	L	0 103	00	80	334	18	03	V	/		311
HD 30495	CCCKH	04	45	22.0	-17	1	0	5.5	0.0	G1 V	44	LWR 7595	H	L	0 078	00	80	114	18	20	G	80/	331	E=-1.5X,C=-1.5X,B=73
*SK-67 2	UK333	04	47	06.0	-67	12	00	11.3			* 23	LWR 7673	L	L	0 020	00	80	126	03	26	V	/		703

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*SK-67 2	UR333	04 47 06.0	-67 12 00	11.3			* 23	SWP 8925	L L	O	020 00	80 126 03 54	V	/	401
*SK-67 2	UR333	04 47 06.0	-67 12 00	11.3			* 23	LWR 7674	L L	O	008 00	80 126 04 19	V	/	502
NGC 1714	NDCRD	04 52 06.0	-67 0 0			0	* 72	SWP 8946	L L	O	150 00	80 128 21 17	G	80/343	E=105,C=100,B=45
NGC 1714	NDCRD	04 52 06.0	-67 0 0				* 72	SWP 8946	L S	O	150 00	80 128 21 18	G	80/343	E=105,C=100,B=45
*IC002111	NDCRD	04 52 06.0	-69 29 0	11		0	* 72	SWP 8957	L L	O	030 00	80 130 12 47	G	80/346	E=93,C=87,B=25
*IC002111	NDCRD	04 52 06.0	-69 29 0	11		0	* 72	SWP 8957	L S	O	030 00	80 130 12 48	G	80/346	E=93,C=87,B=25
*IC002111	NDCRD	04 52 06.0	-69 29 0	12		0	* 72	LWR 7711	L L	O	030 00	80 130 13 21	G	80/346	C=120,B=30
*IC002111	NDCRD	04 52 06.0	-69 29 0	12		0	* 72	LWR 7711	L S	O	030 00	80 130 13 22	G	80/346	C=120,B=30
*IC002111	NDCRD	04 52 06.0	-69 29 0	12		0	* 72	SWP 8958	L L	O	115 00	80 130 13 56	G	80/346	E=188,C=240,B=35
HD 31293	IECBS	04 52 34.4	+30 28 22	7.0	E0.10	B9	* 60	LWR 9360	L L	O	000 49	80 326 09 15	G	81/173	C=160,B=31
HD 31293	IECBS	04 52 34.4	+30 28 22	7.0	E0.10	B9	* 60	LWR 9360	L S	O	001 19	80 326 09 22	G	81/173	C=150,B=31
HD 31293	IECBS	04 52 34.4	+30 28 22	7.0	E0.10	B9	* 60	SWP 10651	L L	O	002 29	80 326 09 27	G	81/173	C=170,B=40
HD 31293	IECBS	04 52 34.4	+30 28 22	7.0	E0.10	B9	* 60	SWP 10651	L S	O	004 00	80 326 09 33	G	81/173	C=155,B=40
SU AUR	TTCCI	04 52 48.1	+30 29 20	9.2		G2	III 58	SWP 10590	L L	O	180 00	80 316 20 51	G	81/188	E=223,C=67,B=42
SU AUR	TTCCI	04 52 48.1	+30 29 20	9.2		G2	III 58	LWR 9280	H L	O	180 00	80 316 23 57	G	81/161	E=92,C=85,B=40
SU AUR	TTCCI	04 52 48.1	+30 29 20	9.2		G2	III 58	SWP 10591	L L	O	180 00	80 317 03 02	G	81/162	E=106,C=5,B=75
SU AUR	TTCCI	04 52 48.1	+30 29 20	9.2		G2	III 58	LWR 9281	H L	O	210 00	80 317 06 27	G	81/161	E=169,C=180,B=105
SU AUR	TTCCI	04 52 48.1	+30 29 20	9.2		G2	III 58	LWR 9282	L S	O	025 00	80 317 10 35	G	81/161	E=130,B=105,C=40
SU AUR	TTCCI	04 52 48.1	+30 29 20	9.2		G2	III 58	LWR 9282	L L	O	025 00	80 317 11 08	G	81/161	E=260,C=180,B=50
SU AUR	TTCCI	04 52 48.1	+30 29 20	9.2		G2	III 58	LWR 9289	L L	O	090 00	80 318 04 36	G	81/161	E=3X,C=3X,B=65
SU AUR	TTCCI	04 52 48.1	+30 29 20	9.2		G2	III 58	SWP 10609	L L	O	180 00	80 321 00 44	G	81/188	E=79,C=5,B=53
SU AUR	TTCCI	04 52 48.1	+30 29 20	9.2		G2	III 58	LWR 9311	H L	O	180 00	80 321 03 48	G	81/167	E=186,C=5-10,B=103
HD 31398	MLCJL	04 53 44.0	+33 5 20	2.7	1.53	K3	III 47	LWR 7547	L L	O	000 29	80 109 22 21	G	80/330	E=226,C=82,B=25
HD 31398	MLCJL	04 53 44.0	+33 5 20	2.7	1.53	K3	III 47	SWP 8791	L L	O	120 00	80 111 10 39	G	80/331	E=236,C=93,B=43
HD 31398	MLCJL	04 53 44.0	+33 5 20	2.7	1.53	K3	III 47	LWR 7569	H L	O	045 00	80 112 00 59	G	80/336	E=3X,C=100,B=35

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
PKS 0454+039	IGCAW	04 54 08.8	+03 56 13	16.5			* 87	LWR 9103	L	L O	424 00	80 293 22 43	G	81/140	C=125,B=80
HD 32228	MICJH	04 56 29.2	-66 33 25	10.7	E0.10	O8	* 13	SWP 9335	H	L O	150 00	80 173 11 57	G	81/028	C=1.5-2X,B=240
*CL 182	UK355	04 56 59.0	+01 43 00	9.6			* 48	SWP 10355	L	L O	040 00	80 287 17 29	V	/	111
*CL 182	UK355	04 56 59.0	+01 43 00	9.6			* 48	LWR 9022	L	L O	025 00	80 287 18 13	V	/	243
*CL 182	UK355	04 56 59.0	+01 43 00	9.6			* 48	SWP 10356	L	L O	100 00	80 287 18 42	V	/	021
*CL 182	UK355	04 56 59.0	+01 43 00	9.6			* 48	LWR 9023	L	L O	035 00	80 287 20 25	V	/	244
*CL 182	UK355	04 56 59.0	+01 43 00	9.6			* 48	LWR 9023	L	S O	035 00	80 287 21 03	V	/	244
*SK-68 14	UK333	04 57 24.0	-67 12 00	11.2			* 13	LWR 7652	L	L O	014 00	80 124 00 42	V	/	602
*SK-68 14	UK333	04 57 24.0	-67 12 00	11.2			* 13	SWP 8894	L	L O	016 00	80 124 01 02	V	/	402
*SK-68 14	UK333	04 57 24.0	-67 12 00	11.2			* 13	SWP 8894	L	S O	020 00	80 124 01 23	V	/	302
S-67 22	HSCPC	04 57 31.5	-67 43 14	13.0	E0.10	O4	* 15	SWP 10730	L	L O	012 29	80 337 09 30	G	81/183	E=118,C=80,B=23
HD 31964	MICNM	04 58 22.5	+43 45 05	3.0		A8	IA 33	LWR 9018	H	S O	020 00	80 287 10 50	G	81/128	C=275,B=33
HD 31964	MICNM	04 58 22.5	+43 45 05	3.0		A8	IA 33	LWR 9046	H	S O	040 00	80 289 10 46	G	81/141	C=2X,B=45
HD 31910	CCCRS	04 58 58.0	+60 22 30	4.0	E0.20	G0	IB 45	SWP 9546	L	L O	180 00	80 202 06 54	G	81/051	E=240,C=1-2X,B=30
HD 31910	CCCRS	04 58 58.0	+60 22 30	4.0	E0.20	G0	IB 45	LWR 8299	H	L O	045 00	80 202 09 58	G	81/051	E=234,C=250,B=35
HD 32068	CECRW	04 58 58.7	+41 00 18	4.0	E-.33	K4	IB 39	LWR 8663	H	L O	006 14	80 243 10 28	G	81/098	E=224,C=190,B=30
HD 32068	CECRW	04 58 58.7	+41 00 18	4.0	E-.33	K4	IB 39	SWP 9955	H	L O	011 29	80 243 10 38	G	81/098	C=200,B=40
HD 32068	CECRW	04 58 58.7	+41 00 18	4.0	E-.33	K4	IB 39	LWR 8664	L	L O	000 05	80 243 11 06	G	81/098	C=200,B=25
HD 32068	CECRW	04 58 58.7	+41 00 18	4.0	E-.33	K4	IB 39	SWP 9957	L	L O	000 07	80 243 13 49	G	81/098	C=180,B=15
HD 32068	CECRW	04 58 58.7	+41 00 18	4.0	E-.33	K4	IB 39	SWP 9958	H	L O	036 00	80 243 14 13	G	81/098	C=130,3X,B=65
HD 32068	CECRW	04 58 58.7	+41 00 18	4.0	E1.30	K4	IB 39	LWR 9606	H	L O	006 14	80 365 07 45	G	/	E=198,C=195,B=30
HD 32068	CECRW	04 58 58.7	+41 00 18	4.0	E1.30	K4	IB 39	SWP 10924	H	L O	011 29	80 365 07 58	G	/	C=200,B=35
HD 32068	CECRW	04 58 58.7	+41 00 18	4.0	E1.30	K4	IB 39	LWR 9607	L	L O	000 05	80 365 08 55	G	/	C=205,B=25
HD 32068	CECRW	04 58 58.7	+41 00 18	4.0	E1.30	K4	IB 39	SWP 10925	L	L O	000 08	80 365 08 58	G	/	C=165,B=15
HD 32068	CECRW	04 58 58.7	+41 00 18	4.0	E1.30	K4	IB 39	LWR 9608	H	L O	006 00	80 365 09 28	G	/	E=181,C=190,B=32

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
ZETA AUR	OD14B	04	58	58.7	+41	0	18		1.3	K5	II	39 LWR 7364	H	L	0	006	15	80	091	19	16	G	80/314	B=260,C=220,B=32
ZETA AUR	OD14B	04	58	58.7	+41	0	18		1.3	K5	II	39 SWP 8619	H	L	0	011	30	80	091	19	33	G	80/314	C=215,B=37
*H 32068	MB305	04	58	59.0	+41	08	00	3.9			*	39 SWP 9985	H	L	0	013	00	80	245	23	35	V	/	501
HD 268847	HSCPC	05	00	00.0	-68	01	10	14.4	E0.15	O1	*	11 SWP 10751	L	L	0	032	00	80	339	06	59	G	81/188	B=255,2X,C=150,B=20
HD 268847	MBCHC	05	00	00.0	-68	1	22	14.4	-0.24	O9	IAB	11 SWP 9167	L	L	0	050	00	80	153	08	01	G	80/359	B=255,C=200,B=19
HD 268847	MBCHC	05	00	00.0	-68	1	22	14.4	-0.24	O9	IAB	11 LWR 7915	L	L	0	060	00	80	153	08	57	G	80/359	B=253,C=180,B=32
HD 268847	MBCHC	05	00	00.0	-68	1	22	14.4	-0.24	O9	IAB	11 SWP 9168	L	L	0	016	00	80	153	09	33	G	80/359	B=249,C=120,B=18
ABELL 7	FBCRG	05	00	51.8	-15	40	33	15.0		DA	*	70 SWP 10278	L	L	0	090	00	80	278	10	17	G	81/120	C=200,B=20
ABELL 7	FBCRG	05	00	51.8	-15	40	33	15.0		DA	*	70 LWR 8948	L	L	0	025	00	80	278	12	04	G	81/120	C=100,B=30
ABELL 7	FBCRG	05	00	51.8	-15	40	33	15.0		DA	*	70 SWP 10279	L	L	0	030	00	80	278	12	34	G	81/120	C=195,B=20
*SK-65 22	UK333	05	01	12.0	-65	57	00	11.3			*	28 SWP 8926	L	L	0	010	00	80	126	05	03	V	/	561
*SK-65 22	UK333	05	01	12.0	-65	57	00	11.3			*	28 SWP 8926	L	S	0	030	00	80	126	05	17	V	/	881
*SK-65 22	UK333	05	01	12.0	-65	57	00	11.3			*	28 LWR 7675	L	L	0	009	00	80	126	05	51	V	/	502
*SK-67 41	UK333	05	04	12.0	-67	20	00	11.0			*	23 LWR 7671	L	L	0	009	00	80	126	00	43	V	/	502
*SK-67 41	UK333	05	04	12.0	-67	20	00	11.0			*	23 SWP 8923	L	L	0	016	00	80	126	00	56	V	/	401
BW AUR	TTCCI	05	04	38.1	+30	20	14	10.8		G5	IV	58 LWR 9290	L	S	0	004	00	80	318	06	43	G	81/173	B=108,C=60,B=25
BW AUR	TTCCI	05	04	38.1	+30	20	14	10.8		G5	IV	58 LWR 9290	L	L	0	004	00	80	318	06	53	G	81/173	B=173,C=65,B=25
BW AUR	TTCCI	05	04	38.1	+30	20	14	10.8		G5	IV	58 LWR 9307	H	L	0	180	00	80	320	04	54	G	81/173	B=234,C=125,B=55
BW AUR	TTCCI	05	04	38.1	+30	20	14	10.8		G5	IV	58 LWR 9308	L	L	0	004	00	80	320	08	21	G	81/173	B=218,C=65,B=25
BW AUR	TTCCI	05	04	38.1	+30	20	14	10.8		G5	IV	58 SWP 10608	L	L	0	180	00	80	320	21	09	G	81/188	B=61,C=66,110,B=40
BW AUR	TTCCI	05	04	38.1	+30	20	14	10.8		G5	IV	58 LWR 9312	L	L	0	060	00	80	321	07	20	G	81/167	B=1.5X,C=200,B=32
C STEPHA	SCCPF	05	06	05.0	+05	01	14				*	06 LWR 9136	L	L	0	015	00	80	298	13	18	G	81/152	B=20
HD 34187	HSCPC	05	09	58.0	-68	57	02	13.8	E0.24	WN	*	11 LWR 9407	L	L	0	020	00	80	335	05	03	G	81/183	C=120,B=30
HD 34187	HSCPC	05	09	58.0	-68	57	02	13.8	E0.24	WN	*	11 SWP 10709	L	L	0	035	00	80	335	05	27	G	81/183	B=2X,C=150,B=34
*SK-69 68	UK333	05	10	15.0	-69	12	00	12.5			*	23 LWR 7653	L	L	0	030	00	80	124	02	17	V	/	502

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*SK-69 68	UK333	05	10	15.0	-69	12	00	12.5			*	23 SWP 8895	L	L	0 040	00	80	124	02	51	V	/		401
NGC 1851	IGCDY	05	12	00.0	-40	5	0	14.7	¬0.4	F7	*	83 LWR 7594	L	L	0 030	00	80	114	17	08	G	80/335		C=140,B=33
NGC 1851	IGCDY	05	12	00.0	-40	5	0	14.7	¬0.4	F7	*	83 LWR 7594	L	S	0 030	00	80	114	17	09	G	80/335		C=140,B=33
NGC 1851	IGCDY	05	12	00.0	-40	5	0	14.7	0.4	F7	*	83 LWR 7598	H	L	0 705	00	80	115	15	28	G	80/331		C=165,B=150
NGC 1851	IGCDY	05	12	00.0	-40	5	0	14.7	0.14	F7	*	83 SWP 8821	L	L	0 699	00	80	115	15	30	G	80/331		B=120
HD 34085	BECAS	05	12	08.0	-08	15	29	0.1		B8	IA	25 LWR 9073	H	S	0 000	03	80	291	13	24	G	81/141		C=250,B=32
HD 34085	BECAS	05	12	08.0	-08	15	29	0.1		B8	IA	25 SWP 10390	H	S	0 000	06	80	291	13	27	G	81/141		C=225,B=32
*H 34085	UK381	05	12	08.0	-08	15	00	0.2			*	25 LWR 9315	H	S	0 000	07	80	321	12	49	V	/		602
*H 34085	UK381	05	12	08.0	-08	15	00	0.2			*	25 SWP 10610	H	S	0 000	16	80	321	13	03	V	/		601
*H 34085	UK381	05	12	08.0	-08	15	00	0.2			*	25 LWR 9329	H	S	0 000	06	80	323	12	35	V	/		401
*H 34085	UK381	05	12	08.0	-08	15	00	0.2			*	25 SWP 10626	H	S	0 000	16	80	323	12	39	V	/		601
*H 34085	UK381	05	12	08.0	-08	15	00	0.2			*	25 LWR 9332	H	S	0 000	07	80	323	19	15	V	/		601
*H 34085	UK381	05	12	08.0	-08	15	00	0.2			*	25 SWP 10629	H	S	0 000	16	80	323	19	40	V	/		601
*H 34085	UK381	05	12	08.0	-08	15	00	0.2			*	25 LWR 9333	H	S	0 000	07	80	323	19	42	V	/		602
*N 1851	CL369	05	12	28.0	+49	50	00	15.0			*	83 LWR 7598	H	L	0 640	00	80	115	02	56	V	/		936READ AT GSFC
*N 1851	CL369	05	12	28.0	+49	50	00	15.0			*	83 SWP 8821	L	L	0 639	00	80	115	02	58	V	/		936READ AT GSFC
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 LWR 7371	H	L	0 000	40	80	092	19	07	G	80/328		B=205,C=240,B=30
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 SWP 8626	H	L	0 010	00	80	092	19	15	G	80/322		B=148,C=120,B=25
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 LWR 7372	H	L	0 000	40	80	092	20	07	G	80/322		B=205,C=245,B=31
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 SWP 8627	H	L	0 030	00	80	092	20	13	G	80/328		B=2.5X,C=2.5X,B=40
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 LWR 7373	H	L	0 000	40	80	092	21	09	G	80/328		B=210,C=250,B=32
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 SWP 8628	H	L	0 025	00	80	092	21	15	G	80/328		B=¬2X,C=¬2X,B=38
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 LWR 7374	H	L	0 000	40	80	092	22	07	G	80/328		B=203,C=245,B=30
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 SWP 8629	H	L	0 025	00	80	092	22	12	G	80/322		B=¬2X,C=¬2X,B=38
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 LWR 7375	H	L	0 000	40	80	092	23	21	G	80/322		B=187,C=245,B=35

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 SWP 8630	H	L	0	025	00	80	092	23	26	G	80/322	E=¬2X,C=¬2X,B=33
HD 34029	CCCJI	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 LWR 7376	H	L	0	000	40	80	093	00	17	G	80/322	E=189,C=245,B=28
HD 34029	CCCJI	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 SWP 8631	H	L	0	025	00	80	093	00	22	G	80/314	E=¬2X,C=¬2X,B=36
HD 34029	CCCJL	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 LWR 7377	H	L	0	000	40	80	093	01	11	G	80/314	E=209,C=235,B=32
HD 34029	CCCJI	05	12	59.4	+45	56	57	0.01	+0.8	G6	III	45 SWP 8632	H	L	0	010	00	80	093	01	14	G	80/314	E=136,C=150,B=26
*ALPH AUR	CCCJL	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 LWR 7616	H	L	0	001	00	80	117	18	37	G	80/335	E=241,C=2X,B=33
*ALPH AUR	CCCJL	05	12	59.5	+45	56	58	+0.01	+0.8	G6	III	45 SWP 8832	H	L	0	030	00	80	117	18	44	G	80/335	E=3-4X,C=2X,B=24
*ALPH AUR	CCCJI	05	12	59.5	+45	56	58	+0.01	-0.04	G6	III	45 LWR 7617	H	L	0	001	00	80	117	19	44	G	80/343	E=242,C=2X,B=30
*ALPH AUR	CCCJL	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 SWP 8833	H	L	0	030	00	80	117	19	50	G	80/343	E=3=4X,C=2X,B=36
*ALPH AUR	CCCJL	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 LWR 7618	H	L	0	000	54	80	117	20	50	G	80/343	E=234,C=1.5,B=30
*ALPH AUR	CCCJI	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 SWP 8834	H	L	0	030	00	80	117	20	55	G	80/343	E=3-4X,C=2X,B=36
*ALPH AUR	CCCJL	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 LWR 7619	H	L	0	000	54	80	117	21	51	G	80/331	E=228,C=2,B=32
*ALPH AUR	CCCJL	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 SWP 8835	H	L	0	030	00	80	117	21	57	G	80/331	E=3-4X,C=2X,B=40
*ALPH AUR	CCCJL	05	12	59.5	+45	56	58	0.1	-0.04	G6	III	45 LWR 7620	H	L	0	000	55	80	117	22	55	G	80/331	E=233,C=2X,B=33
*ALPH AUR	CCCJL	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 SWP 8836	H	L	0	030	00	80	117	22	59	G	80/331	E=3-4X,C=2X,B=40
*ALPH AUR	CCCJL	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 LWR 7621	H	L	0	000	54	80	117	23	56	G	80/331	E=222,C=2X,B=32
*ALPH AUR	CCCJI	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 SWP 8837	H	L	0	030	00	80	117	23	59	G	80/331	E=222,C=2X,B=32
*ALPH AUR	CCCJI	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 LWR 7622	H	L	0	000	54	80	118	00	55	G	80/331	E=232,C=2,B=30
*ALPH AUR	CCCJL	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 SWP 8838	H	L	0	030	00	80	118	00	59	G	80/332	E=3-4XC=2X,B=40
*ALPH AUR	CCCJI	05	12	59.5	+45	56	58	0.1	+0.8	G6	III	45 LWR 7623	H	L	0	000	54	80	118	01	33	G	80/332	E=3-4
*D00001-9	MLCJH	05	13	31.8	-67	25	41	13.6	0.0	B0	IA	23 LWR 8074	L	L	0	025	00	80	171	13	42	G	81/022	C=205,B=60
*D00001-9	MLCJH	05	13	31.8	-67	25	41	13.6	0.0	B0	IA	23 SWP 9313	L	L	0	025	00	80	171	14	12	G	81/026	C=205,B=112
*AKN 120	HS419	05	13	38.0	-00	12	00	14.0			*	84 LWR 9126	L	L	0	070	00	80	296	14	47	V	/	452
*AKN 120	HS419	05	13	38.0	-00	12	00	14.0			*	84 SWP 10451	L	L	0	100	00	80	296	16	09	V	/	341
*AKN 120	HS419	05	13	38.0	-00	12	00	14.0			*	84 LWR 9127	L	L	0	140	00	80	296	17	53	V	/	364

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*AKN 120	HS419	05	13	38.0	-00	12	00	14.0			*	84	SWP 10452	L	L	0 080	00	80	296	20	26	V	/	231
HD 269227	HSCPC	05	14	17.0	-69	34	58	12.1	E0.37	O1	*	11	SWP 10729	L	L	0 017	00	80	337	08	30	G	81/183	E=210,C=180,B=25
C/ENCKE	SCCPF	05	18	15.0	+08	15	17	8.7	E0.0		*	06	LWR 9234	L	L	0 060	00	80	310	08	15	G	81/155	E=250,B=30
C/STEPHN	SCCPF	05	18	15.0	+08	15	17				*	06	SWP 10550	L	L	0 060	00	80	310	08	15	G	81/162	E=250,B=30
HD 34759	BECAS	05	18	15.9	+41	45	25	5.2		B5	V	21	LWR 9072	H	S	0 005	29	80	291	12	07	G	81/141	C=270,B=35
HD 34759	BECAS	05	18	15.9	+41	45	25	5.2		B5	V	21	SWP 10389	H	S	0 008	00	80	291	12	17	G	81/140	C=3-4X,B=50
C/STEPHN	SCCPF	05	18	16.0	+08	16	41				*	06	LWR 9235	L	L	0 030	00	80	310	09	26	G	81/162	E=96,C=70,B=40
C/STEPAN	SCCPF	05	18	18.0	+08	17	17				*	06	SWP 10551	L	L	0 020	00	80	310	11	11	G	81/188	E=52,B=25
WS 17	HSCPC	05	20	34.0	-65	31	26	14.4	E0.38	WN	*	11	SWP 10710	L	L	0 093	00	80	335	06	52	G	81/183	E=2-3X,C=220,B=62
*ED 22	WRCHC	05	20	34.4	-65	31	14	14.4	+0.08	O9	IAB	11	SWP 9169	L	L	0 060	00	80	153	11	10	G	80/359	E=255,C=190,B=22
*ED 22	WRCHC	05	20	34.4	-65	31	14	14.4	+0.08	O9	IAB	11	LWR 7916	L	L	0 060	00	80	153	12	15	G	80/359	C=160,B=32
*ED 22	WRCHC	05	20	34.4	-65	31	14	14.4	+0.08	O9	IAB	11	SWP 9170	L	L	0 000	00	80	153	12	49	G	80/359	E=176,C=85,B=18
*PKS 0521	LM344	05	21	13.0	-36	30	00	15.0			*	87	LWR 8913	L	L	0 110	00	80	273	16	43	V	/	203
HD 35296	CCCKB	05	21	30.0	+17	20	0	5.0	0.0	F8	V	41	SWP 8819	L	L	0 025	00	80	114	22	28	G	80/331	E=L-140,C=4-5,B=44
HD 35296	CCCKB	05	21	30.0	+17	20	0	5.0	0.0	F8	V	41	LWR 7597	H	L	0 020	00	80	114	23	22	G	80/335	E=174,C=250,B=33
HD 35296	CCCKB	05	21	30.0	+17	20	00	5.0		F8	V	41	LWR 8422	H	L	0 022	00	80	216	08	34	G	81/064	E=158,C=240,B=32
HD 35296	CCCKB	05	21	30.0	+17	20	00	5.0		F8	V	41	SWP 9683	L	L	0 048	00	80	216	09	02	G	81/064	C=1.5-2X,B=25
HD 35296	CCCKB	05	21	30.0	+17	20	00	5.0	E0.0	F8	V	41	SWP 9820	L	L	0 049	00	80	230	09	08	G	81/083	E=40,C=195,B=33
HD 35296	CCCKB	05	21	30.0	+17	20	00	5.0	E0.0	F8	V	41	SWP 9929	L	L	0 035	00	80	241	07	36	G	81/092	E=144,C=255,2X,B=17
HD 35296	CCCKB	05	21	30.0	+17	20	19	5.0	E0.0	F8	V	41	SWP 10018	L	L	0 035	00	80	249	14	05	G	81/098	E=164,C=255,2X,B=35
HD 35296	CCCKB	05	21	30.0	+17	20	19	5.0	E0.0	F8	V	41	LWR 8724	H	L	0 022	00	80	249	14	44	G	81/097	E=176,C=255,B=38
HD 35296	CCCKB	05	21	30.0	+17	20	19	5.0	E0.0	F8	V	41	LWR 8780	H	L	0 022	00	80	256	14	26	G	81/100	E=171,C=260,B=35
HD 35296	CCCKB	05	21	30.0	+17	20	19	5.0	E0.0	F8	V	41	SWP 10095	L	L	0 035	00	80	256	14	54	G	81/100	E=159,C=2-3X,B=25
HD 35296	CCCKB	05	21	30.0	+17	20	19	5.0	E0.0	F8	V	41	LWR 8781	H	L	0 017	00	80	256	15	32	G	81/103	E=142,C=230,B=32
HD 35296	CCCKB	05	21	30.0	+17	20	19	5.0	E0.0	F8	V	41	SWP 10195	L	L	0 035	00	80	265	12	59	G	81/117	E=151,C=3X,B=50

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 35296	CCCKB	05 21 30.0	+17 20 19	5.0	E0.0	F8	V 41	LWR 8861	H	L	O 022 00	80 265 13 39	G	81/117	E=189,C=1.5K,B=40
HD 35296	CCCKB	05 21 30.0	+17 20 19	5.0	E0.0	F8	V 41	LWR 8886	H	L	O 022 00	80 268 14 22	G	81/117	E=191,C=260,B=38
HD 35296	CCCKB	05 21 30.0	+17 20 19	5.0	E0.0	F8	V 41	SWP 10216	L	L	O 035 00	80 268 14 52	G	81/117	E=161,C=45,B=27
HD 35296	CCCKB	05 21 30.0	+17 21 19	5.0	E0.0	F8	V 41	LWR 8887	H	L	O 017 00	80 268 15 32	G	81/117	E=149,C=215,B=30
HD 35296	CCCKB	05 21 30.0	+17 20 00	5.0	E0.0	F8	V 41	LWR 9346	H	L	O 019 00	80 325 06 T9	G	81/177	E=152,C=210,B=41
HD 35296	CCCKB	05 21 30.0	+17 20 00	5.0	E0.0	F8	V 41	SWP 10640	L	L	O 031 00	80 325 06 42	G	81/173	E=73,C=2-3K,B=51
HD 35296	CCCKB	05 21 30.7	+17 20 19	5.0	E0.0	F8	V 41	LWR 8641	H	L	O 022 00	80 241 08 16	G	81/092	E=255,C=240,B=35
HD 35296	CCCKB	05 21 30.7	+17 20 19	5.0	E0.0	F8	V 41	SWP 10166	L	L	O 035 00	80 261 14 50	G	81/103	E=164,C=35,3K,B=35
HD 35296	CCCKB	05 21 30.7	+17 20 19	5.0	E0.0	F8	V 41	LWR 8833	H	L	O 017 00	80 261 15 27	G	81/103	E=155,C=240,B=32
HD 35296	CCCKB	05 21 30.7	+17 20 19	5.0	E0.0	F8	V 41	LWR 9377	H	L	O 022 00	80 329 08 11	G	81/177	E=189,C=265,B=40
HD 35296	CCCKB	05 21 30.7	+17 20 19	5.0	E0.0	F8	V 41	SWP 10669	L	L	O 032 00	80 329 08 39	G	81/177	E=156,C=3K,B=49
HD 35296	CCCKB	05 21 30.7	+17 20 19	5.0	E0.0	F8	V 41	SWP 10702	L	L	O 026 00	80 334 08 48	G	81/183	E=138,C=2-3K,B=52
*B0000093	MLCJB	05 21 32.4	-65 47 24	12.6	0.05	B0	IA 23	LWR 8075	L	L	O 015 00	80 171 14 51	G	81/026	C=220,B=53
*B0000093	MLCJB	05 21 32.4	-65 47 24	12.6	0.05	B0	IA 23	SWP 9314	L	L	O 015 00	80 171 15 20	G	81/026	C=220,B=72
HD 35411	CBCBK	05 21 58.0	-02 26 18	3.3	E0.11	B1	V 20	SWP 10154	H	S	O 000 21	80 260 13 07	G	81/104	C=180,B=30
HD 35411	CBCBK	05 21 58.0	-02 26 18	3.3	E0.11	B1	V 20	LWR 8819	H	S	O 000 21	80 260 13 33	G	81/104	C=195,B=30
HD 36063	WBCHC	05 23 07.9	-71 38 37	12.7	0.22	O9	IAB 11	LWR 7909	L	L	O 012 00	80 152 15 09	G	80/359	C=205,B=28
HD 36063	WBCHC	05 23 07.9	-71 38 37	12.7	0.22	O9	IAB 11	SWP 9162	L	L	O 012 00	80 152 15 37	G	80/359	E=20%,C=145,B=28
HD 269485	WBCHC	05 24 33.7	-68 34 02	14.3	0.36	O9	IAB 11	LWR 7908	L	L	O 045 00	80 152 12 51	G	81/002	E=196,C=130,B=35
HD 269485	WBCHC	05 24 33.7	-68 34 02	14.3	E0.09	O9	IAB 11	SWP 9160	L	L	O 020 00	80 152 13 20	G	81/002	E=194,C=150,B=20
*H 269485	UK331	05 24 38.0	-68 34 00	14.5			* 11	LWR 8621	L	L	O 050 00	80 239 18 49	V	/	454
CO CRI	TTCCI	05 24 51.3	+11 23 12	10.6		G5	IV 58	LWR 9327	L	L	O 030 00	80 322 11 07	G	81/166	E=157,C=110,B=30
*IC 418	JC395	05 25 09.0	-12 44 00	9.7			* 70	SWP 10243	H	L	O 090 00	80 272 16 59	V	/	462
GW CRI	TTCCI	05 26 20.8	+11 49 53	9.7		K3	IV 58	LWR 9310	L	L	O 030 00	80 320 10 45	G	81/173	E=270,C=160,B=38
GW CRI	TTCCI	05 26 20.8	+11 49 53	9.7		K3	IV 58	LWR 9310	L	S	O 030 00	80 320 11 20	G	81/173	E=270,C=100,B=38

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
GW	CRI TTCCI	05 26 20.8	+11 49 53	9.7		K3	IV	58 LWR 9314	L S	O	009 00	80 321 10 44	G	81/167	B=137,C=70,B=35
GW	ORI TTCCI	05 26 20.8	+11 49 53	9.7		K3	IV	58 LWR 9314	L L	O	009 00	80 321 10 57	G	81/167	B=187,C=80,B=35
GW	CRI TTCCI	05 26 20.8	+11 49 53	9.7		K3	IV	58 LWR 9321	H L	O	240 00	80 321 20 57	G	81/166	B=247,C=140,B=60
GW	CRI TTCCI	05 26 20.8	+11 49 53	9.7		K3	IV	58 LWR 9322	L L	O	060 00	80 322 04 47	G	81/166	B=6X,C=190,B=40
GW	ORI TTCCI	05 26 20.8	+11 49 53	9.7		K3	IV	58 LWR 9323	L L	O	010 00	80 322 06 17	G	81/166	B=148,C=70,B=27
GW	ORI TTCCI	05 26 20.8	+11 49 53	9.7		K3	IV	58 LWR 9326	L L	O	013 30	80 322 10 21	G	81/166	B=220,C=95,B=32
HD 35921	CECSH	05 26 21.9	+35 20 11	6.8		O9	III	12 SWP 9653	H S	O	040 00	80 213 16 10	G	81/064	C=200,B=55
HD 35921	CECSH	05 26 21.9	+35 20 11	6.8		O9	III	12 SWP 9670	H S	O	040 00	80 215 10 39	G	81/062	C=220,B=65
*H 269546	MG340	05 27 02.0	-68 52 00	9.9		*		11 LWR 8323	H L	O	128 00	80 204 01 39	V	/	303
HD 269546	MICJH	05 27 08.6	-68 52 12	10.5	0.11	B3	IA	24 SWP 9312	H L	O	130 00	80 171 11 15	G	81/028	B=155,C=180,B=90
HD 269546	MICJH	05 27 08.6	-68 52 12	10.0	E0.10	O8	*	24 LWR 8096	L S	O	003 00	80 173 17 13	G	81/022	C=175,B=70
*H 239546	MG340	05 27 22.0	-68 52 00	9.9		*		11 LWR 8328	L L	O	003 00	80 205 20 53	V	/	551 MICPH
*H 239546	MG340	05 27 22.0	-68 52 00	9.9		*		11 SWP 9575	H L	O	295 00	80 205 21 05	V	/	553
*H 269546	MG340	05 27 22.0	-68 52 00	11.0		*		11 LWR 8329	L L	O	006 00	80 205 21 45	V	/	201 SW NUB
*H 269546	MG340	05 27 22.0	-68 52 00	11.0		*		11 LWR 8329	L S	O	006 00	80 205 21 57	V	/	401 E NUB
*2A052633	JB366	05 27 34.0	-32 51 00	13.9		*		59 SWP 8672	L L	O	050 00	80 097 03 34	V	/	340
*2A052633	JB366	05 27 34.0	-32 51 00	13.9		*		59 LWR 7425	L L	O	050 00	80 097 04 29	V	/	402 MICROPH NOISE
*2A052633	JB366	05 27 34.0	-32 51 00	13.9		*		59 SWP 8702	L L	O	080 00	80 099 05 19	V	/	451
*0526-328	UK308	05 27 34.0	-32 51 00	14.0		*		59 SWP 9590	L L	O	030 00	80 206 21 12	V	/	331
*0526-328	UK308	05 27 34.0	-32 51 00	14.0		*		59 LWR 8336	L L	O	030 00	80 206 21 46	V	/	301
*0526-328	UK308	05 27 34.0	-32 51 00	14.0		*		59 SWP 9591	L L	O	030 00	80 206 22 19	V	/	331
*FD 33	WBCHC	05 28 11.9	-70 38 23	14.2	-0.2	O9	IAB	11 SWP 9161	L L	O	030 00	80 152 14 27	G	81/002	B=255,C=170,B=18
HD 36389	OD37B	05 29 16.8	+18 33 32	4.7		M2	IB	49 LWR 8951	L S	O	003 00	80 279 10 49	G	81/125	B=61,C=50,B=25
HD 36389	OD37B	05 29 16.8	+18 33 32	4.7		M2	IB	49 LWR 8951	L L	O	003 00	80 279 10 57	G	81/125	B=137,B=65,B=25
HD 36389	OD37B	05 29 16.8	+18 33 32	4.7		M2	IB	49 LWR 8952	H L	O	060 00	80 279 11 26	G	81/120	B=165,B=80

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD	36389	OD37E 05 29 16.8	+18 33 32	4.7		M2	IB 49	SWP 10287	L	L	0 025 00	80 279 12 31	G	81/120	C=NONE,B=45
HD	36389	OD37E 05 29 16.8	+18 33 32	4.7		M2	IB 49	LWR 8953	H	L	0 045 00	80 279 13 04	G	81/120	E=119,C=NONE,B=60
HD	36486	CBCRK 05 29 27.0	-00 20 00	2.2	E0.79	O9	II 13	SWP 10153	H	S	0 000 06	80 260 12 08	G	81/104	C=210,B=35
HD	36486	CBCRK 05 29 27.0	-00 20 00	2.2	E0.79	O9	II 13	LWR 8818	H	S	0 000 04	80 260 12 34	G	81/104	C=190,B=30
HD	36486	CBCRK 05 29 27.0	-00 20 00	2.2	E0.09	O9	* 13	LWR 9397	H	S	0 000 05	80 332 10 36	G	81/187	C=170,B=30
HD	36486	CBCRK 05 29 27.0	-00 20 00	2.2	E0.09	O9	* 13	SWP 10690	H	S	0 000 07	80 332 10 41	G	81/187	C=182,B=30
HD	36619	IECBS 05 30 00.0	-23 27 54	8.60	E0.55	O7	* 60	LWR 9365	L	L	0 001 29	80 327 08 41	G	81/173	C=180,B=32
HD	36619	IECBS 05 30 00.0	-23 27 54	8.60	E0.23	O7	* 60	LWR 9365	L	S	0 004 00	80 327 08 46	G	81/173	C=180,B=32
HD	36619	IECBS 05 30 00.0	-23 27 54	8.60	E0.23	O7	* 60	SWP 10657	L	L	0 007 00	80 327 08 53	G	81/188	C=189,B=35
HD	36619	IECBS 05 30 00.0	-23 27 53	8.60	E0.55	O7	* 60	SWP 10658	L	L	0 020 00	80 327 09 30	G	81/188	C=3X,B=53
HD	36619	IECBS 05 30 00.0	-23 27 53	8.60	E0.55	O7	* 60	LWR 9366	L	L	0 004 00	80 327 09 59	G	81/173	C=1.5-2X,B=32
HD	36619	IECBS 05 30 00.0	-23 27 53	8.60	E0.55	O7	* 60	LWR 9366	L	S	0 006 00	80 327 10 08	G	81/173	C=230,B=32
HD	36619	IECBS 05 30 00.0	-23 27 53	8.60	E0.55	O7	* 60	SWP 10662	L	L	0 070 00	80 328 07 32	G	81/174	C=10X,B=12
HD	36619	IECBS 05 30 00.0	-23 27 53	8.60	E0.55	O7	* 60	LWR 9370	H	L	0 060 00	80 328 08 47	G	81/174	C=200,B=98
*H	36629	UR339 05 30 29.0	-04 36 00	7.7			* 20	LWR 9274	H	L	0 024 32	80 315 16 43	V	/	503
*H	36629	UR339 05 30 29.0	-04 36 00	7.7			* 20	SWP 10583	H	L	0 037 56	80 315 17 13	V	/	501
*H	36629	UR339 05 30 29.0	-04 36 00	7.7			* 20	LWR 9275	L	S	0 000 44	80 315 17 58	V	/	502
*H	36629	UR339 05 30 29.0	-04 36 00	7.7			* 20	LWR 9275	L	L	0 000 42	80 315 18 02	V	/	702
*H	36629	UR339 05 30 29.0	-04 36 00	7.7			* 20	SWP 10584	L	S	0 000 38	80 315 18 44	V	/	401
*H	36629	UR339 05 30 29.0	-04 36 00	7.7			* 20	SWP 10584	L	L	0 000 35	80 315 18 47	V	/	601
*R	108	MICJH 05 30 38.4	-67 19 04	12.9	E0.20	B1	* 23	LWR 8096	L	L	0 020 00	80 173 17 33	G	81/022	C=125,B=70
S111-68		MICJH 05 31 21.2	-68 56 03	10.8	E0.10	O8	* 13	LWR 8094	L	S	0 004 00	80 173 14 33	G	81/028	C=120,B=5
S111-68		MICJH 05 31 21.2	-68 56 03	12.0	E0.10	B1	* 23	LWR 8094	L	L	0 010 00	80 173 14 56	G	81/028	C=200,B=50
*S 111-68		MICJH 05 31 21.2	-68 56 03	12.0	E0.10	B1	* 23	SWP 9336	L	L	0 015 00	80 173 15 24	G	81/022	C=200,B=90
NGC	1952	NSCKD 05 31 28.4	+21 58 43			0	* 75	SWP 9804	L	L	0 300 00	80 229 02 33	G	81/077	E=91,1.5X,C=80,B=50

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
NGC 1952	NSCKD	05 31 28.4	+21 58 43			0	* 75	LWR 8518	L	L	O 260 00	80 229 02 49	G	81/083	B=50
NGC 1952	NSCKD	05 31 28.4	+21 58 43			0	* 75	LWR 8519	L	L	O 135 00	80 229 07 37	G	81/077	C=85,B=42
NGC 1952	NSCKD	05 31 28.4	+21 58 43			0	* 75	SWP 9805	L	L	O 090 00	80 229 08 00	G	81/077	B=25
NGC 1952	NSCKD	05 31 28.5	+21 58 35			0	* 75	SWP 9838	L	L	O 300 00	80 232 03 01	G	81/084	E=84,B=50
NGC 1952	NSCKD	05 31 28.5	+21 58 35			0	* 75	LWR 8550	L	L	O 270 00	80 232 03 02	G	81/084	B=50
NGC 1952	NSCKD	05 31 28.5	+21 58 35			0	* 75	SWP 9839	L	L	O 160 00	80 232 08 29	G	81/084	B=37,62
NGC 1952	NSCKD	05 31 28.6	+21 58 39			0	* 75	SWP 9765	L	L	O 360 00	80 224 03 07	G	81/077	E=105,C=100,B=80
NGC 1952	NSCKD	05 31 28.6	+21 58 39			0	* 75	LWR 8484	L	L	O 300 00	80 224 03 33	G	81/077	C=110,B=63
NGC 1952	NSCKD	05 31 28.6	+21 58 39			0	* 75	LWR 8494	L	L	O 240 00	80 226 03 11	G	81/078	E=95,C=75,B=53
NGC 1952	NSCKD	05 31 28.6	+21 58 39			0	* 75	SWP 9775	L	L	O 240 00	80 226 03 11	G	81/078	C=85,B=41
NGC 1952	NSCKD	05 31 28.6	+21 58 39			0	* 75	LWR 8495	L	L	O 240 00	80 226 08 39	G	81/077	C=125,B=82
NGC 1952	NSCKD	05 31 28.6	+21 58 39			0	* 75	SWP 9776	L	L	O 020 00	80 226 09 09	G	81/077	B=20
NGC 1952	NSCKD	05 31 28.6	+21 58 39			0	* 75	SWP 9777	L	L	O 020 00	80 226 10 10	G	81/077	B=25
NGC 1952	NSCKD	05 31 28.6	+21 58 43			0	* 75	SWP 9795	L	L	O 300 00	80 228 03 00	G	81/077	E=260,C=85,B=50
NGC 1952	NSCKD	05 31 28.6	+21 58 43			0	* 75	LWR 8510	L	L	O 240 00	80 228 03 01	G	81/077	B=50
NGC 1952	NSCKD	05 31 28.6	+21 58 43			0	* 75	LWR 8511	L	L	O 150 00	80 228 08 04	G	81/077	C=95,B=47
NGC 1952	NSCKD	05 31 28.6	+21 58 35			0	* 75	LWR 8551	L	L	O 210 00	80 232 08 06	G	81/084	C=130,B=65
NGC 1952	NSCKD	05 31 28.8	+21 58 36			0	* 75	SWP 9770	L	L	O 270 00	80 225 03 06	G	81/077	E=81,C=75,B=48
NGC 1952	NSCKD	05 31 28.8	+21 58 36			0	* 75	LWR 8490	L	L	O 240 00	80 225 03 10	G	81/077	B=47
NGC 1952	NSCKD	05 31 28.9	+21 58 36			0	* 75	LWR 8485	L	L	O 150 00	80 224 09 10	G	81/077	C=110,B=58
NGC 1952	NSCKD	05 31 28.9	+21 58 36			0	* 75	LWR 8491	L	L	O 129 00	80 225 07 38	G	81/078	C=80,B=40
NGC 1952	NSCKD	05 31 28.9	+21 58 36			0	* 75	LWR 8496	L	L	O 276 00	80 226 13 13	G	81/077	C=160,B=85
NGC 1952	NSCKD	05 31 28.9	+21 58 36			0	* 75	SWP 9778	L	L	O 264 00	80 226 13 14	G	81/077	C=125,B=105
*H 36665	UK350	05 31 30.0	+28 01 00	8.0			* 23	LWR 7633	H	L	O 060 00	80 120 03 14	V	/	404
*H 36665	UK350	05 31 30.0	+28 01 00	8.0			* 23	SWP 8862	H	L	O 205 00	80 120 06 21	V	/	404

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V		SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
NGC 1952	NSCKD	05	31	30.7	+21	58	58			0		* 75	SWP 9840	L	L	O 352	00	80	232	11	54	G	81/084		B=90,135
NGC 1952	NSCKD	05	31	30.7	+21	58	58			0		* 75	LWR 8552	L	L	O 315	00	80	232	12	21	G	81/084		C=180,B=103
NGC 1952	NSCKD	05	31	30.8	+21	58	59			0		* 75	SWP 9796	L	L	O 210	00	80	228	10	45	G	81/077		C=110,B=78
NGC 1952	NSCKD	05	31	30.8	+21	58	59			0		* 75	LWR 8512	L	L	O 160	00	80	228	11	10	G	81/077		C=95-100,B=57
NGC 1952	NSCKD	05	31	30.8	+21	58	59			0		* 75	LWR 8513	L	L	O 208	00	80	228	14	21	G	81/077		C=125,B=72
NGC 1952	NSCKD	05	31	30.8	+21	58	59			0		* 75	SWP 9797	L	L	O 168	00	80	228	14	52	G	81/077		C=75,B=65
NGC 1952	NSCKD	05	31	32.9	+21	58	52			0		* 75	SWP 9766	L	L	O 210	00	80	224	11	51	G	81/078		C=130,B=112
NGC 1952	NSCKD	05	31	32.9	+21	58	52			0		* 75	LWR 8486	L	L	O 210	00	80	224	12	16	G	81/078		C=125,B=85
NGC 1952	NSCKD	05	31	35.3	+21	59	00			0		* 75	SWP 9767	L	L	O 115	00	80	224	15	55	G	81/077		B=222,B=50
NGC 1952	NSCKD	05	31	35.3	+21	59	05			0		* 75	LWR 8487	L	L	O 079	00	80	224	16	21	G	81/077		C=95,B=40
*E 37909	HM334	05	31	45.0	C81	37	00	7.4				* 53	SWP 9286	L	L	O 010	00	80	166	03	36	V	/		501
*H 37909	HM334	05	31	45.0	081	37	00	7.4				* 53	LWR 8044	L	L	O 003	00	80	166	03	54	V	/		502
C/STEPHN	SCCPF	05	31	49.0	+22	46	02					* 06	FES 1283	D	2	020	00	80	341	23	07	G	81/180		
C/STEPHN	SCCPF	05	31	49.0	+22	45	12	10				* 06	LWR 9447	L	L	O 120	00	80	341	23	23	G	81/196		B=108,C=90,B=38
C/STEPHN	SCCPF	05	31	49.0	+22	45	12	10				* 06	LWR 9447	L	S	O 030	00	80	341	23	57	G	81/196		B=108,C=90,B=38
CSTEPHAN	SCCPF	05	31	49.0	+22	51	10					* 06	SWP 10772	L	L	O 020	00	80	342	02	39	G	81/196		B=65,B=23
C/STEPHN	SCCPF	05	31	49.5	+22	49	26					* 06	SWP 10770	L	L	O 030	00	80	341	23	59	G	81/196		B=184,B=22
C/STEPHN	SCCPF	05	31	49.5	+22	49	26					* 06	SWP 10770	L	S	O 030	00	80	342	00	34	G	81/196		B=184,B=22
C/STEPHN	SCCPF	05	31	49.5	+22	49	26					* 06	SWP 10771	L	L	O 030	00	80	342	01	41	G	81/196		B=180,B=15
*H 37909	HM334	05	31	54.0	-81	37	00	7.4				* 53	LWR 8040	L	L	O 004	00	80	166	00	48	V	/		602
HD 269700	MLCJH	05	32	07.6	-68	34	37	10.6	0.20	B0		IA 23	SWP 9311	H	L	O 240	00	80	171	06	40	G	81/022		B=192,C=140,B=55
HD 269700	MLCJH	05	32	07.6	-68	34	37	10.6	0.20	B0		IA 23	LWR 8073	L	L	O 005	00	80	171	10	44	G	81/022		C=240,255X,B=28
*H 36861	UK381	05	32	29.0	+09	54	00	3.5				* 15	LWR 9316	H	S	O 000	55	80	321	13	53	V	/		502
*H 36861	UK381	05	32	29.0	+09	54	00	3.5				* 15	SWP 10611	H	S	O 001	10	80	321	13	56	V	/		501
*IMC X-4	XBCHG	05	32	42.0	-66	24	15	14.0	-0.1	08		IV 12	SWP 9366	L	L	O 033	00	80	177	21	15	G	81/027		C=160,B=22

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
M42	NDCPE	05 32 42.4	-05 29 48	8.5	E0.0	B1	V	20	FES 1277	D 2		160 00	80 324 22 40	G	81/163	NONE
*LMC X-4	GH309	05 32 47.0	-66 24 00	13.8			*	59	SWP 8663	L L	O	045 00	80 096 05 29	V	/	500
*LMC X-4	GH309	05 32 47.0	-66 24 00	13.8			*	59	LWR 7417	L L	O	045 00	80 096 06 19	V	/	502 MICPH NOISE
*LMC X-4	GH309	05 32 47.0	-66 24 00	13.8			*	59	SWP 8664	L L	O	045 00	80 096 07 10	V	/	501
*LMC X-4	GH309	05 32 47.0	-66 24 00	13.8			*	59	LWR 7418	L L	O	045 00	80 096 08 02	V	/	502 MICPH NOISE
*LMC X-4	JB366	05 32 47.0	-66 24 00	13.9			*	59	SWP 8674	L L	O	045 00	80 097 07 49	V	/	500
*LMC X-4	JB366	05 32 47.0	-66 24 00	13.9			*	59	LWR 7427	L L	O	045 00	80 097 08 36	V	/	502 MICROPH NOISE
*LMC X-4	JB366	05 32 47.0	-66 24 00	13.9			*	59	SWP 8675	L L	O	045 00	80 097 09 23	V	/	500
*LMC X-4	UK225	05 32 47.0	-66 24 00	13.9			*	59	LWR 7436	L L	O	045 00	80 098 04 10	V	/	501
*LMC X-4	UK225	05 32 47.0	-66 24 00	13.9			*	59	SWP 8686	L L	O	045 00	80 098 05 01	V	/	500
*LMC X-4	UK225	05 32 47.0	-66 24 00	13.9			*	59	SWP 8688	L L	O	045 00	80 098 08 11	V	/	500
*LMC X-4	UK225	05 32 47.0	-66 24 00	13.9			*	59	LWR 7438	L L	O	030 00	80 098 09 04	V	/	401 MICPH NOISE
*LMC X-4	UK225	05 32 47.0	-66 24 00	13.9			*	59	SWP 8689	L L	O	041 00	80 098 09 36	V	/	500
*H 37022	LB327	05 32 49.0	-05 25 00	5.1			*	12	LWR 8714	H S	O	004 30	80 248 21 31	V	/	702
*H 37022	VILSP	05 32 49.0	-05 25 00	5.1			*	12	SWP 9991	H S	O	003 20	80 246 16 50	V	/	501
*H 37022	VILSP	05 32 49.0	-05 25 00	5.1			*	12	LWR 8698	H S	O	010 00	80 246 17 10	V	/	703
*H 37023	LB327	05 32 50.0	-05 25 00	6.7			*	20	SWP 10006	H S	O	015 00	80 248 18 48	V	/	111
*H 37023	LB327	05 32 50.0	-05 25 00	6.7			*	20	LWR 8713	H S	O	030 00	80 248 19 13	V	/	302
*H 37023	LB327	05 32 50.0	-05 25 00	6.7			*	20	SWP 10007	H S	O	080 00	80 248 20 59	V	/	341
M42, 10S	NDCPE	05 32 51.5	-05 26 21	8.5	E0.0	B1	V	72	LWR 9428	H L	O	070 00	80 338 20 54	G	81/187	E=88,C=118,B=40
M42, 7S	NDCPE	05 32 51.8	-05 27 55				*	72	LWR 9354	H L	O	075 00	80 325 23 48	G	81/173	C=100,B=40
M42 , 1A	NDCPE	05 32 52.8	-05 26 47				*	72	LWR 9268	H S	C	240 00	80 315 04 49	G	81/155	B=70
M42 , 1A	NDCPE	05 32 52.8	-05 26 47				*	72	LWR 9269	L S	C	020 00	80 315 09 35	G	81/156	C=80,B=30
M42 , 1A	NDCPE	05 32 52.8	-05 26 47				*	72	LWR 9270	L S	C	040 00	80 315 10 19	G	81/156	C=115,B=30
M42,0001	NDCPE	05 32 52.8	-05 26 47				*	72	LWR 9345	H L	O	060 00	80 325 04 11	G	81/173	E=195,C=165-170,B=92

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
M42,005S	NDCPE	05 32 52.8	-05 26 47				*	72	SWP 10639	H L	O	060 00	80 325 04 15	G	81/173	E=175,C=180,B=122
NGC 1976	NDCPE	05 32 53.5	-05 26 31	0.0			*	72	LWR 9343	H L	O	100 00	80 324 20 58	G	81/173	E=81,C=105,B=40
M42, 5	NDCPE	05 32 54.3	-05 27 02	8.5	E0.0	B1 V		72	LWR 9431	H L	O	060 00	80 339 00 47	G	81/187	E=115,C=110,B=43
M42, 5	NDCPE	05 32 54.5	-05 27 00	8.5	E0.0	B1 V		72	LWR 9429	L L	O	002 29	80 338 23 03	G	81/187	C=180,B=20
M42, 5	NDCPE	05 32 54.6	-05 27 00	8.5	E0.0	B1 V		72	LWR 9430	H L	O	021 15	80 338 23 46	G	81/187	C=2-3X,B=60
M42, 3	NDCPE	05 32 55.1	-05 27 11				*	72	LWR 9353	H L	O	120 00	80 325 21 04	G	81/173	E=171,C=135,B=55
M42	NDCPE	05 32 55.1	-05 27 11				*	72	FES 1279	F 2		160 00	80 325 23 09	G	81/166	NONE
M42, 4	NDCPE	05 32 55.1	-05 27 11				*	72	SWP 10646	H L	O	120 00	80 325 23 23	G	81/188	E=127,C=125,B=50
M42, 4	NDCPE	05 32 55.1	-05 27 11	0.0			*	72	LWR 9355	H L	O	125 00	80 326 01 39	G	81/173	E=209,C=160,B=65
M42 , 1S	NDCPE	05 32 55.6	-05 25 57				*	72	SWP 10577	H S	C	095 00	80 315 04 53	G	81/156	E=56,B=35
M42, 1S	NDCPE	05 32 55.6	-05 25 57	8.5	E0.0	B1 V		72	LWR 9427	H L	O	100 00	80 338 18 34	G	81/187	E=170,C=120,B=40
M42, 1S	NDCPE	05 32 55.6	-05 25 57	8.5	E0.0	B1 V		72	SWP 10744	H L	O	100 00	80 338 20 49	G	81/187	E=128,C=100,B=40
M42 , 1S	NDCPE	05 32 55.7	-05 25 58				*	72	SWP 10578	H S	C	280 00	80 315 06 55	G	81/156	E=129,C=150,B=90
NGC 1976	NDCPE	05 32 56.8	-05 26 31	0.0			*	72	SWP 10586	L L	O	010 00	80 316 04 47	G	81/188	C=240,B=15
NGC 1976	NDCPE	05 32 56.8	-05 26 31	0.0			*	72	SWP 10586	L S	O	010 00	80 316 04 48	G	81/188	C=240,B=15
NGC 1976	NDCPE	05 32 56.8	-05 26 31	0.0			*	72	LWR 9278	L L	O	012 00	80 316 04 49	G	81/161	C=175,B=25
NGC 1976	NDCPE	05 32 56.8	-05 26 31	0.0			*	72	LWR 9278	L S	O	012 00	80 316 04 49	G	81/161	C=175,B=25
NGC 1976	NDCPE	05 32 56.8	-05 26 31	0.0			*	72	SWP 10587	H L	O	385 00	80 316 05 25	G	81/188	C=2X,B=155
NGC 1976	NDCPE	05 32 56.8	-05 26 31	0.0			*	72	LWR 9279	H L	O	342 00	80 316 05 57	G	81/161	E=234,C=250,B=145
M42, 3	NDCPE	05 32 56.8	-05 26 31				*	72	LWR 9344	H L	O	245 00	80 324 23 23	G	81/173	E=255,C=200,B=100
M42, 3	NDCPE	05 32 56.8	-05 26 31				*	72	FES 1278	D 2		160 00	80 325 04 42	G	81/166	NONE
M42, 3	NDCPE	05 32 56.9	-05 26 31				*	72	SWP 10637	H L	O	120 00	80 324 20 57	G	81/173	C=105,B=40
M42, 8S	NDCPE	05 32 58.4	-05 26 28	0.0			*	72	SWP 10647	H L	O	080 00	80 326 02 01	G	81/173	C=85,B=45
M42, 12S	NDCPE	05 32 58.6	-05 26 40	8.5	E0.0	B1 V		72	SWP 10746	H L	O	020 00	80 339 01 13	G	81/187	C=42,B=25
M42, 11S	NDCPE	05 32 58.8	-05 26 37	8.5	E0.0	B1 V		72	SWP 10745	H L	O	059 53	80 338 23 09	G	81/187	C=60,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
M42, 9S	NDCPE	05	32	59.9	-05	25	35	8.5	E0.0	B1	V 72	SWP 10743	H	L	070	00	80	338	18	37	G	81/	187	E=62,C=60,B=27
M42, 4S	NDCPE	05	33	00.1	-05	25	47				* 72	SWP 10638	H	L	200	00	80	324	23	45	G	81/	173	C=130,B=70
M42, 6S	NDCPE	05	33	00.1	-05	25	47				* 72	SWP 10645	H	L	090	00	80	325	21	06	G	81/	188	C=70,B=35
HD 37350	DCCES	05	33	11.3	-62	31	20	3.8	E0.22	F9	IB 53	LWR 9152	H	L	022	00	80	300	10	57	G	81/	153	E=137,C=260,B=60
HD 37350	DCCES	05	33	11.3	-62	31	20	3.8	E0.22	F9	IB 53	SWP 10480	L	L	025	00	80	300	11	27	G	81/	153	C=145,B=60
HD 37350	DCCES	05	33	11.3	-62	31	20	3.8	E0.22	G1	IB 53	LWR 9167	H	L	035	00	80	302	02	04	G	81/	142	C=260,B=34
HD 37350	DCCES	05	33	11.3	-62	31	20	3.8	E0.22	G1	IB 53	SWP 10489	L	L	060	00	80	302	02	46	G	81/	142	E=40,C=85,B=32
HD 37350	DCCES	05	33	11.3	-62	31	20	4.1	E0.22	G1	IB 53	LWR 9194	H	L	040	00	80	304	10	03	G	81/	152	E=110,C=270,B=56
HD 37350	DCCES	05	33	11.3	-62	31	20	3.8	E0 22	F9	IB 53	LWR 9202	H	L	030	00	80	305	11	24	G	81/	152	E=150,C=290,B=40
HD 269748	WRCHC	05	33	20.5	-67	44	42	13.0	0.0	O9	IAB 11	LWR 7907	L	L	018	00	80	152	11	38	G	81/	002	E=185,C=170,B=28
HD 269748	WRCHC	05	33	20.5	-67	44	42	13.0	0.0	O9	IAB 11	SWP 9159	L	L	015	00	80	152	12	05	G	81/	002	E=174,C=140,B=18
HD 269748	WRCHC	05	33	20.6	-67	44	42	13.0	0.0	O9	IAB 11	SWP 9172	L	L	022	00	80	153	14	52	G	80/	359	E=211,C=130,B=30
HH1	HHCKB	05	33	54.9	-06	47	02	15.3	E0.47		* 64	LWR 8912	L	L	134	00	80	273	13	34	G	81/	118	E=109,C=95,B=48
HH2	HHCKB	05	33	59.7	-06	49	03	15.9	E0.34		* 64	SWP 10218	L	L	270	00	80	268	00	11	G	81/	117	E=100,C=80,B=60
HH2	HHCKB	05	33	59.7	-06	49	03	15.9	E0.34		* 64	LWR 8888	L	L	180	00	80	269	06	37	G	81/	117	E=138,C=105,B=53
HH2	HHCKB	05	33	59.7	-06	49	02	15.9	E0.34		* 64	FES 1267	P	2	001	25	80	273	00	14	G	81/	112	
HH2	HHCKB	05	33	59.7	-06	49	02	15.9	E0.34		* 64	SWP 10246	L	L	290	00	80	273	00	16	G	81/	118	E=100,C=78,B=52
HH2	HHCKB	05	33	59.7	-06	49	02	15.9	E0.34		* 64	LWR 8909	L	L	150	00	80	273	06	49	G	81/	118	E=115,C=100,B=45
*H 245770	FG332	05	34	58.0	+26	17	00	8.8			* 23	LWR 9174	L	L	002	40	80	302	14	38	V	/		501
*H 245770	FG332	05	34	58.0	+26	17	00	8.8			* 23	LWR 9174	L	S	006	00	80	302	14	43	V	/		501
*H 245770	FG332	05	34	58.0	+26	17	00	8.8			* 23	SWP 10493	L	L	013	00	80	302	14	52	V	/		501
*H 245770	FG332	05	34	58.0	+26	17	00	8.8			* 23	LWR 9175	H	L	162	00	80	302	15	18	V	/		406
*FD 47	WRCHC	05	35	03.6	-67	23	18	13.2	0.0	O9	IAB 11	SWP 9157	L	L	045	00	80	152	09	19	G	81/	002	E=255,C=200,B=20
*FD 47	WRCHC	05	35	03.6	-67	23	18	13.2	0.0	O9	IAB 11	LWR 7906	L	L	030	00	80	152	10	08	G	81/	002	C=130,B=30
*FD 47	WRCHC	05	35	03.6	-67	23	18	13.2	0.0	O9	IAB 11	SWP 9158	L	L	020	00	80	152	10	51	G	81/	002	E=162,C=125,B=18

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	*B 122	MLCJH	05	35	09.6	-67	34	54	12.2	0.16	O6	IA	13	LWR 8076	L	L	0 008	00	80	171	15	58	G	81/	026	C=199,B=38
	*R0000122	MLCJH	05	35	09.6	-67	34	54	12.2	0.16	O6	IA	13	SWP 9315	L	L	0 012	00	80	171	16	28	G	81/	026	C=1.5X,B=45
HD	269810	HSCPC	05	35	16.0	-67	33	30	12.3	E0.07	O3		* 15	SWP 10755	H	L	0 300	00	80	340	00	36	G	81/	183	B=255,C=225,B=140
	AO538-66	XECHG	05	35	42.3	-66	53	38	15.0		B		* 59	FES 1266	S	2	001	25	80	270	00	36	G	81/	112	
	AO538-66	XECHG	05	35	42.3	-66	53	38	15.0		B		* 59	SWP 10221	L	L	0 060	00	80	270	00	42	G	81/	117	E=100,C=85,B=30
	AO538-66	XECHG	05	35	42.3	-66	53	39	15.0		B		* 59	LWR 8892	L	L	0 040	00	80	270	01	44	G	81/	117	C=75,B=32
	*AO538-66	XECHG	05	35	42.4	-66	53	39	15.0	0.23	B		* 59	LWR 8119	L	L	0 060	00	80	177	18	32	G	81/	027	C=150,B=45
	*AO538-66	XECHG	05	35	42.4	-66	53	39	15.0	0.23	B0		* 59	SWP 9365	L	L	0 060	00	80	177	19	39	G	81/	027	C=130,B=30
	*AO538-66	XECHG	05	35	42.4	-66	53	39	15.0		B0		* 59	SWP 9420	L	L	0 060	00	80	184	16	56	G	81/	033	C=130,B=40
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		B		* 26	LWR 8983	L	L	0 004	30	80	284	09	19	G	81/	128	C=230,B=28
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		B		* 26	SWP 10324	L	L	0 007	29	80	284	09	30	G	81/	128	C=125,B=25
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		B		* 26	LWR 8984	L	L	0 011	00	80	284	09	59	G	81/	128	C=2.5,B=38
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		B		* 26	SWP 10325	L	L	0 015	00	80	284	10	28	G	81/	128	C=218,B=40
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		B		* 26	LWR 8985	L	L	0 023	00	80	284	10	56	G	81/	128	C=5X,B=48
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		BE		* 26	LWR 9032	L	L	0 004	00	80	288	11	01	G	81/	131	C=270,B=23
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		BE		* 26	SWP 10363	L	L	0 015	00	80	288	11	09	G	81/	131	C=210,B=20
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		B		* 26	LWR 9033	L	L	0 033	00	80	288	11	40	G	81/	141	C=3X,B=35
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		B		* 26	SWP 10384	L	L	0 015	00	80	291	05	07	G	81/	140	
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		B		* 26	LWR 9067	L	L	0 004	00	80	291	05	26	G	81/	140	C=250,B=30
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39		B		* 26	LWR 9067	L	S	0 015	00	80	291	05	40	G	81/	140	C=195,B=27
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.38	E0.45	B		* 26	LWR 9570	L	L	0 004	00	80	360	05	35	G	/		C=225,B=26
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.38	E0.45	B		* 26	SWP 10887	L	L	0 016	00	80	360	05	47	G	/		C=220,B=20
HD	245770	CVCCW	05	35	47.9	+26	17	18	9.39	E0.45	B		* 26	LWR 9571	L	L	0 033	00	80	360	06	17	G	81/	208	C=3X,B=39
	*HE245770	FG332	05	35	48.0	+26	17	00	8.8				* 59	LWR 9155	L	S	0 010	00	80	300	14	44	V	/		602
	*HE245770	FG332	05	35	48.0	+26	17	00	8.8				* 59	LWR 9155	L	L	0 002	40	80	300	14	58	V	/		502

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*HE245770	FG332	05 35 48.0	+26 17 00	8.8				* 59	SWP 10482	H L	O	400 00	80 300 15 05	V	/	301
*FD 52	UK331	05 35 57.0	-67 04 00	14.5				* 11	SWP 9890	L L	O	030 00	80 237 00 20	V	/	461
*FD 52	UK331	05 35 57.0	-67 04 00	14.5				* 11	LWR 8602	L L	O	025 00	80 237 00 53	V	/	443
*FD 52	UK331	05 35 57.0	-67 04 00	14.5				* 11	SWP 9891	L L	O	020 00	80 237 01 21	V	/	352
WS 37	HSCPC	05 36 03.0	-67 04 40	14.5	E0.05	WN		* 11	SWP 10711	L L	O	027 00	80 335 09 02	G	81/183	B=2-3X,C=150,B=44
HD 37490	BEBGP	05 36 32.6	+ 4 5 41	4.5	0.12	B3	III	26	SWP 8615	H L	O	002 30	80 091 14 10	G	80/321	C=15%X,B=42
HD 37490	BEBGP	05 36 32.6	+ 4 5 41	4.5	0.12	B3	III	26	LWR 7361	H L	O	001 15	80 091 14 19	G	80/331	C=250,B=32
*PKS 0537	LB344	05 37 21.0	-44 06 00	15.0				* 87	LWR 8900	L L	O	170 00	80 271 17 10	V	/	304
*SK-69228	UK333	05 37 30.0	-69 22 00	12.1				* 23	SWP 8927	L L	O	045 00	80 126 06 33	V	/	501
*SK-69228	UK333	05 37 30.0	-69 22 00	12.1				* 23	LWR 7676	L L	O	023 00	80 126 07 23	V	/	603
*IC 432	PB324	05 38 24.0	-01 32 00	14.0				* 73	SWP 9798	L L	O	025 00	80 228 18 29	V	/	201 H37776 AT X318Y3
*IC 432	PB324	05 38 24.0	-01 32 00	14.0				* 73	LWR 8514	L L	O	060 00	80 228 18 57	V	/	302 H37776 AT X119Y1
*H 37776	PB324	05 38 24.0	-01 32 00	7.0				* 20	SWP 9799	L L	O	000 08	80 228 20 23	V	/	501
*H 37776	PB324	05 38 24.0	-01 32 00	7.0				* 20	SWP 9799	L S	O	000 08	80 228 20 25	V	/	501
*H 37776	PB324	05 38 24.0	-01 32 00	7.0				* 20	LWR 8515	L L	O	000 12	80 228 20 47	V	/	601
*H 37776	PB324	05 38 24.0	-01 32 00	7.0				* 20	LWR 8515	L S	O	000 12	80 228 20 50	V	/	501
R 135	HSCPC	05 38 42.0	-69 07 17	13.1	E0.15	01		* 11	LWR 9434	L L	O	016 00	80 339 09 31	G	81/188	B=107,C=90,B=40 TRLD
R 135	HSCPC	05 38 53.0	-69 06 17	13.1	E0.15	WN		* 11	SWP 10701	L L	O	017 00	80 334 07 33	G	81/188	B=192,C=70,B=29
R 139	HSBPC	05 38 57.9	-69 06 45	11.8	E0.15	WN	V	11	SWP 10699	L S	O	007 00	80 334 05 23	G	81/187	C=58,C=48,B=26
R 139	HSBPC	05 38 57.9	-69 06 45	11.8	E0.15	WN	V	11	SWP 10699	L L	O	007 00	80 334 05 36	G	81/187	B=58,C=80,B=26
R 139	HSCPC	05 38 58.0	-69 06 46	11.9	E0.15	01		* 11	LWR 9433	L L	O	014 00	80 339 08 17	G	81/188	C=200,B=33
R 139	HSCPC	05 38 58.0	-69 06 46	11.9	E0.15	01		* 11	SWP 10752	L L	O	017 00	80 339 08 45	G	81/188	B=130,C=144,B=28
R 140	HSCPC	05 39 00.0	-69 06 19	11.8	E0.15	WN		* 11	SWP 10700	L L	O	017 00	80 334 06 19	G	81/188	B=245,C=180,B=26
NGC 2024	NDCUH	05 39 07.0	-01 55 30					* 72	LWR 8843	L S	O	080 00	80 263 00 48	G	81/117	C=80,B=33
NGC 2024	NDCUH	05 39 07.0	-01 55 30					* 72	LWR 8843	L L	O	080 00	80 263 00 49	G	81/117	C=80,B=33

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
NGC 2024	NDCUH	05 39 07.0	-01 55 30				* 72	SWP 10178	L S	O	245 00	80 263 00 50	G	81/117	C=83,B=45
NGC 2024	NDCUH	05 39 07.0	-01 55 30				* 72	SWP 10178	L L	O	245 00	80 263 02 34	G	81/117	C=83,B=45
NGC 2024	NDCUH	05 39 07.0	-01 55 30				* 72	LWR 8844	L S	O	155 00	80 263 02 35	G	81/106	B=40
NGC 2024	NDCUH	05 39 07.0	-01 55 30				* 72	LWR 8844	L L	O	155 00	80 263 02 36	G	81/106	C=105,B=40
*N 2023	PB324	05 39 07.0	-02 17 00	13.0			* 73	SWP 9800	L L	O	075 00	80 228 21 04	V	/	403 H37903 AT X-105Y
*N 2023	PB324	05 39 07.0	-02 17 00	13.0			* 73	LWR 8516	L L	O	075 00	80 228 21 57	V	/	403
*H 39709	PB324	05 39 07.0	-02 17 00	7.8			* 20	SWP 9801	L L	O	000 20	80 228 22 22	V	/	401
*H 39709	PB324	05 39 07.0	-02 17 00	7.8			* 20	SWP 9801	L L	O	000 20	80 228 22 24	V	/	301
*H 37903	PB324	05 39 07.0	-02 17 00	7.8			* 20	LWR 8516	L S	O	001 10	80 228 23 27	V	/	503
*H 39709	PB324	05 39 07.0	-02 17 00	7.8			* 20	SWP 9800	L L	O	001 10	80 228 23 27	V	/	503
*IC 435	PB324	05 39 07.0	-02 17 00	14.0			* 73	SWP 9802	L L	O	020 00	80 228 23 37	V	/	201 H38087 AT X94Y6
NGC 2070	NDCRD	05 39 14.2	-69 06 29			0	* 72	SWP 8928	L L	O	060 00	80 126 08 27	G	80/336	E=68,C=60,B=40
NGC 2070	NDCRD	05 39 14.2	-69 06 29			0	* 72	FES 1259	S 2		160 00	80 126 08 30	G	80/329	
NGC 2070	NDCRD	05 39 14.2	-69 06 29			0	* 72	LWR 7677	L L	O	150 00	80 126 09 30	G	80/337	C=170,B=50
NGC 2070	NDCRD	05 39 14.2	-69 06 29			0	* 72	SWP 8929	L L	O	230 00	80 126 12 02	G	80/343	E=163,C=120,B=55
NGC 2070	NDCRD	05 39 14.3	-69 06 30				* 72	SWP 8928	L S	O	060 00	80 126 08 27	G	80/336	E=46,C=40,B=40
NGC 2070	NDCRD	05 39 14.3	-69 06 30				* 72	LWR 7677	L S	O	150 00	80 126 09 31	G	80/337	C=170,B=50
NGC 2070	NDCRD	05 39 14.3	-69 06 30				* 72	SWP 8929	L S	O	230 00	80 126 12 02	G	80/343	E=163,C=120,B=55
*SK-68140	UR333	05 39 18.0	-68 58 00	12.7			* 23	LWR 7654	L L	O	036 00	80 124 04 10	V	/	502
*SK-68140	UR333	05 39 18.0	-68 58 00	12.7			* 23	SWP 8896	L L	O	045 00	80 124 04 52	V	/	402
NGC 2022	NDCSC	05 39 23.9	+09 03 59	12.3			* 70	LWR 7428	L L	O	060 00	80 097 11 11	G	80/314	E=170,C=120,B=39
NGC 2022	NDCSC	05 39 23.9	+09 03 59	12.3			* 70	SWP 8676	L L	O	045 00	80 097 12 16	G	80/314	C=120,B=17
NGC 2079	NDCRD	05 40 04.0	-69 46 56			0	* 72	SWP 8956	L L	O	180 00	80 130 08 56	G	80/344	E=89,C=85,B=45
NGC 2079	NDCRD	05 40 04.0	-69 46 56			0	* 72	SWP 8956	L S	O	180 00	80 130 08 57	G	80/344	E=89,C=85,B=45
*R 148	HLCJH	05 40 13.4	-69 45 40	12.0	E0.30	B3	* 22	SWP 9338	L L	O	035 00	80 173 18 15	G	81/022	C=185,B=138

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*H 38087	UK339	05	40	24.0	-02	20	00	8.3			*	21	SWP 10596	L S	O	001	37	80	317	18	07	V	/	400	
*H 38087	UK339	05	40	24.0	-02	20	00	8.3			*	21	SWP 10596	L L	O	001	16	80	317	18	11	V	/	500	
*H 38087	UK339	05	40	24.0	-02	20	00	8.3			*	21	LWR 9287	H L	O	061	30	80	317	18	19	V	/	403	
*H 38087	UK339	05	40	24.0	-02	20	00	8.3			*	21	SWP 10597	H L	O	024	00	80	317	19	23	V	/	301	
*H 38087	PB324	05	40	29.0	-02	20	00	8.3			*	21	LWR 8517	L S	O	002	30	80	228	00	04	V	/	501	
*IC 435	PB324	05	40	29.0	-02	20	00	14.0			*	73	LWR 8517	L L	O	086	00	80	228	00	11	V	/	301	H38087 AT X-105Y
*H 38087	PB324	05	40	29.0	-02	20	00	8.3			*	21	SWP 9803	L L	O	001	10	80	228	00	44	V	/	501	
*H 38087	PB324	05	40	29.0	-02	20	00	8.3			*	21	SWP 9803	L L	O	001	10	80	228	00	47	V	/	401	
*H 38087	UK339	05	40	29.0	-02	20	00	8.3			*	21	LWR 9276	L S	O	001	50	80	315	19	22	V	/	402	
*H 38087	UK339	05	40	29.0	-02	20	00	8.3			*	21	LWR 9276	L L	O	001	44	80	315	19	26	V	/	502	
*SK-69280	UK333	05	42	12.0	-69	20	00	12.7			*	23	LWR 7655	L L	O	038	00	80	124	06	05	V	/	502	
*SK-69280	UK333	05	42	12.0	-69	20	00	12.7			*	23	SWP 8897	L L	O	055	00	80	124	06	51	V	/	401	
*SK-69279	UK333	05	42	12.0	-69	37	00	12.8			*	23	LWR 7672	L L	O	040	00	80	126	01	37	V	/	603	
*SK-69279	UK333	05	42	12.0	-69	37	00	12.8			*	23	SWP 8924	L L	O	050	00	80	126	02	21	V	/	501	
HD 38393	CCCKB	05	42	22.7	-22	27	48	3.6	E0.0	F6 V		41	LWR 8831	H L	O	025	00	80	261	12	58	G	81/103		B=213,C=3X,B=68
*FD 78	UK331	05	44	59.0	-67	11	00	14.5			*	11	SWP 9910	L L	O	030	00	80	239	22	02	V	/	344	
*FD 78	UK331	05	44	59.0	-67	11	00	14.5			*	11	LWR 8623	L L	O	045	00	80	239	22	37	V	/	414	
*FD 11	UK331	05	45	28.0	-67	07	00	14.5			*	11	SWP 9909	L L	O	023	00	80	239	20	26	V	/	340	
*FD 11	UK331	05	45	28.0	-67	07	00	14.5			*	11	LWR 8622	L L	O	060	00	80	239	20	54	V	/	344	
*FD 80	UK331	05	46	51.0	-67	11	00	14.5			*	11	LWR 8624	L L	O	050	00	80	239	00	26	V	/	454	
*FD 80	UK331	05	46	51.0	-67	11	00	14.5			*	11	SWP 9912	L L	O	025	00	80	239	01	22	V	/	350	
*FD 80	UK331	05	46	51.0	-67	11	00	14.5			*	11	SWP 9911	L L	O	040	00	80	239	23	41	V	/	461	
HD 270149	WRCHC	05	46	54.4	-67	10	47	14.5	-0.35	O9	IAB	11	SWP 9171	L L	O	016	00	80	153	14	03	G	80/359		E=215,C=50,B=25
*PKS 0548	BICYK	05	48	48.8	-32	17	07	15.5		BL		*	87	SWP 8625	L L	O	400	00	80	092	11	28	G	80/314		C=115,B=85
NGC 2110	QSCAW	05	49	46.4	-07	28	06	13.9				*	84	SWP 10857	L L	O	045	00	80	356	21	48	G	/		B=18

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
NGC 2110	QSCAW	05 49 46.4	-07 28 06	13.9		*	84	LWR 9549	L L	O	045 00	80 356 22 37	G	/	B=30
8-11-11	QSCMG	05 51 09.8	+46 25 55	13.8		*	84	SWP 10296	L L	O	200 00	80 280 22 15	G	81/125	E=58,C=5-10,B=37
HR 2056	DCCDM	05 51 17.9	-33 48 41	4.9	E0.0	B5 V	21	SWP 10084	L L	O	000 01	80 255 12 10	G	81/098	C=60,B=19,TRAILED
HD 39801	CSCRW	05 52 27.8	+07 23 58	0.8	E0.07	M2 IAB	49	SWP 10030	L L	O	030 00	80 250 10 47	G	81/098	E=255,2X,C=100,B=30
HD 39801	CSCRW	05 52 27.8	+07 23 58	0.8		M2 IAB	49	LWR 9600	H L	O	030 00	80 364 07 27	G	/	E=5-10X,C=210,B=31
HD 39801	CSCRW	05 52 27.8	+07 23 58	0.8		M2 IAB	49	SWP 10917	L L	O	030 00	80 364 08 02	G	/	E=1.5X,C=130,B=30
*IC 2149	VILSF	05 52 41.0	+46 06 00	10.5		*	70	SWP 9764	H L	O	146 00	80 223 23 21	V	/	342
*IC 2149	VILSF	05 52 41.0	+46 06 00	10.5		*	70	LWR 9384	H L	O	120 00	80 330 13 01	V	/	444
ETA LEP	BPSTD	05 54 07.5	-14 10 31	3.69	E0.02	F0 IV	40	SWP 10286	L L	O	001 35	80 279 09 57	G	81/120	C=232,B=25,TRAILED
ETA LEP	BPSTD	05 54 07.5	-14 10 31	3.69	E0.02	F0 IV	40	SWP 10286	L S	O	003 44	80 279 10 13	G	81/120	C=185,B=25
HD 40136	OD34E	05 54 07.6	-14 10 32	3.70	E0.00	F0 V	40	LWR 9364	L L	O	000 15	80 327 07 23	G	81/173	C=215,B=32,TRAILED
HD 40136	OD34B	05 54 07.6	-14 10 32	3.70	E0.00	F0 V	40	SWP 10656	L L	O	001 00	80 327 07 30	G	81/173	C=160,B=20,TRAILED
HD 250550	MLCHJ	05 59 06.5	+16 31 0	9.7	E0.50	B8 V	26	LWR 7626	L L	O	015 00	80 118 19 40	G	80/331	C=2-3X,B=29
HD 250550	MLCHJ	05 59 06.5	+16 31 0	9.7	E0.50	B8 V	26	SWP 8841	L L	O	025 00	80 118 20 01	G	80/331	C=22.5,B=29
HD 250550	MLCHJ	05 59 06.5	+16 31 00	9.7	E0.50	B8 V	26	FES 1276	D		160 00	80 313 06 35	G	81/152	
HD 250550	MLCHJ	05 59 06.5	+16 31 00	9.7	E0.50	B8 V	26	LWR 9257	L L	O	010 00	80 313 06 39	G	81/156	C=2.5X,B=30
HD 250550	MLCHJ	05 59 06.5	+16 31 00	9.7	E0.50	B8 V	26	LWR 9257	L S	O	005 00	80 313 06 56	G	81/156	C=120,B=30
HD 250550	MLCHJ	05 59 06.5	+16 31 00	9.7	E0.50	B8 V	26	SWP 10559	L L	O	015 00	80 313 07 07	G	81/188	C=215,B=20
HD 250550	MLCHJ	05 59 06.5	+16 31 00	9.7	E0.50	B8 V	26	SWP 10559	L S	O	005 00	80 313 07 37	G	81/188	C=65,B=20
HD 41116	CCCLK	06 01 04.8	+23 16 04	4.2		G5 III	45	SWP 10883	L L	O	080 00	80 359 01 47	G	81/208	E=228,C=20X,B=45
HD 41116	CCCLK	06 01 04.8	+23 16 04	4.2		G5 III	45	LWR 9565	H L	O	025 00	80 359 03 12	G	/	C=240,B=33
HD 41335	CBCGP	06 01 47.5	-06 42 18	5.20	E0.05	B1 V	26	SWP 8637	H L	O	003 29	80 093 23 16	G	80/321	C=230,B=37
HD 41335	CBCGP	06 01 47.5	-06 42 18	5.20	E0.05	B1 V	26	LWR 7384	H L	O	002 00	80 093 23 47	G	80/335	C=225,B=32
HD 41335	CBCMP	06 01 47.5	-06 42 18	5.2	E0.05	B0	* 26	LWR 9116	H L	O	002 00	80 295 06 37	G	81/147	C=210,B=30
HD 41335	CBCMP	06 01 47.5	-06 42 18	5.2	E0.05	B0	* 26	SWP 10436	H L	O	003 29	80 295 06 45	G	81/147	C=220,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD	41335	BEBGE	06	01	47.6	- 6	42	19	5.2	E0.05	B1 IV	26	SWP 8596	H	L	0	004	00	80	090	00	19	G	80/328	C=265,B=40
HD	41335	BEBGP	06	01	47.6	- 6	42	19	5.2	E0.05	B1 IV	26	LWR 7339	H	L	0	003	00	80	090	00	36	G	80/328	C=1.5X,B=41
HD	41335	BEBGP	06	01	47.6	- 6	42	19	5.2	E0.05	B1 IV	26	SWP 8597	H	L	0	003	29	80	090	01	08	G	80/314	C=240,B=40
HD	41335	BEBGE	06	01	47.6	- 6	42	19	5.2	0.20	B1 IV	26	LWR 7345	H	L	0	002	29	80	090	16	53	G	80/304	C=260,B=35
HD	41335	BEBGP	06	01	47.6	- 6	42	19	5.2	E0.05	B1 IV	26	SWP 8604	H	L	0	003	29	80	090	17	01	G	80/304	C=240,B=40
HD	41335	BEBGP	06	01	47.6	- 6	42	19	5.2	0.20	B1 IV	26	SWP 8616	H	L	0	003	30	80	091	15	24	G	80/321	240,B=37
HD	41335	BEBGE	06	01	47.6	- 6	42	19	5.2	0.20	B1 IV	26	LWR 7362	H	L	0	002	10	80	091	15	34	G	80/325	C=260, B=32
HD	41335	CBCGP	06	01	47.6	-06	42	19	5.2	E0.07	B1 V	26	SWP 9978	H	L	0	003	29	80	245	08	54	G	81/097	C=230,B=40
HD	41335	CBCGP	06	01	47.6	-06	42	19	5.2	E0.07	B1 V	26	LWR 8690	H	L	0	002	00	80	245	09	02	G	81/097	C=210,B=35
HD	41335	CBCGE	06	01	47.6	-06	42	19	5.2	E0.05	B1 V	26	SWP 9992	H		0	003	30	80	247	08	38	G	81/098	C=225,B=40
HD	41335	CBCGP	06	01	47.6	-06	42	19	5.2	E0.05	B1 V	26	LWR 8701	H	L	0	002	00	80	247	08	46	G	81/098	C=210,B=35
HD	41335	CBCGP	06	01	47.6	-06	42	19	5.2	E0.05	B1 V	26	LWR 8905	H	L	0	002	00	80	272	13	23	G	81/117	C=227,B=32
HD	41335	CBCGE	06	01	47.6	-06	42	19	5.2	E0.05	B1 V	26	SWP 10240	H	L	0	003	29	80	272	13	28	G	81/117	C=220,B=40
*H	41534	CI333	06	02	28.0	-32	10	00	5.6		*	21	SWP 10020	H	L	0	033	00	80	249	16	38	V	/	903
*H	41534	CI333	06	02	28.0	-32	10	00	5.6		*	21	LWR 8725	H	L	0	024	00	80	249	17	15	V	/	502H11636SPCT SIMP1H
*H	41534	CI333	06	02	28.0	-32	10	00	5.6		*	21	SWP 10021	H	L	0	003	20	80	249	18	04	V	/	501
HD	41753	IGCJS	06	04	43.0	+14	46	34	4.4	E0.05	B3 IV	21	SWP 9933	H	S	0	001	51	80	241	12	42	G	81/092	C=205,B=30
HD	41753	IGCJS	06	04	43.0	+14	46	34	4.4	E0.05	B3 IV	21	LWR 8645	H	S	0	001	34	80	241	12	49	G	81/092	C=210,B=35
HD	41753	IGCJS	06	04	43.0	+14	46	34	4.4	E0.05	B3 IV	21	SWP 9934	H	S	0	001	51	80	241	13	41	G	81/092	C=230,B=38
HD	41753	IGCJS	06	04	43.0	+14	46	34	4.4	E0.05	B3 IV	21	LWR 8646	H	S	0	001	34	80	241	13	48	G	81/092	C=220,B=35
HD	42087	HSCBK	06	06	41.6	+23	07	23	5.78	E0.44	B2 IB	23	SWP 8645	L	S	0	001	00	80	094	19	17	G	80/332	C=1.5X,B=33
HD	42087	HSCBK	06	06	41.6	+23	07	23	5.78	E0.44	B2 IB	23	SWP 8645	L	L	0	000	19	80	094	19	21	G	80/332	C=205,B=33
HD	42087	HSCBK	06	06	41.6	+23	07	23	5.78	E0.44	B2 IB	23	LWR 7394	L	S	0	000	53	80	094	19	47	G	80/332	C=4-5X,B=35
HD	42087	HSCBK	06	06	41.6	+23	07	23	5.78	E0.44	B2 IB	23	LWR 7394	L	L	0	000	08	80	094	19	51	G	80/332	C=1.5X,B=35
HD	42087	HSCBK	06	06	41.6	+23	07	23	5.78	E0.44	B2 IB	23	SWP 8646	H	L	0	027	00	80	094	19	57	G	80/345	C=245,B=42

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 42475	OD21B	06 08 50.5	+21 52 52	8.7	E0.40	M1	IB 52	LWR 8541	H L	O	434 00	80 231 02 45	G	81/083	C=190,B=97
*EKGRND	OD21E	06 08 50.5	+21 52 52	8.7		M1	IB 7	SWP 9829	L L	O	395 00	80 231 02 49	G	81/083	E=2-3X,B=70
HD 42560	IGCJS	06 09 05.8	+14 13 18	4.5	E0.03	B3	IV 21	SWP 9931	H S	O	001 49	80 241 10 43	G	81/092	C=140,B=28
HD 42560	IGCJS	06 09 05.8	+14 13 18	4.5	E0.03	B3	IV 21	LWR 8643	H S	O	001 39	80 241 10 49	G	81/092	C=215,B=30
HD 42560	IGCJS	06 09 05.8	+14 13 18	4.5	E0.03	B3	IV 21	SWP 9932	H S	O	002 09	80 241 11 42	G	81/092	C=225,B=35
HD 42560	IGCJS	06 09 05.8	+14 13 18	4.5	E0.03	B3	IV 21	LWR 8644	H S	O	001 39	80 241 11 49	G	81/092	C=205,B=30
HD 42545	IGCJS	06 09 10.2	+16 08 37	4.9	E0.04	B5	V 21	SWP 9896	H S	O	004 00	80 238 15 47	G	81/085	C=195,B=33
HD 42545	IGCJS	06 09 10.2	+16 08 37	4.9	E0.04	B5	V 21	LWR 8608	H S	O	003 09	80 238 15 57	G	81/085	C=220,B=32
HD 43112	IGCJS	06 12 18.2	+13 52 04	5.9	E0.02	B1	V 20	SWP 9935	H S	O	003 14	80 241 14 46	G	81/092	C=240,B=40
HD 43112	IGCJS	06 12 18.2	+13 52 04	5.9	E0.02	B1	V 20	LWR 8647	H S	O	003 09	80 241 14 54	G	81/092	C=215,B=33
HD 43317	IGCJS	06 13 08.2	+04 18 04	6.6	E0.02	B3	IV 21	SWP 9949	H S	O	014 00	80 242 13 55	G	81/092	C=210,B=43
HD 43317	IGCJS	06 13 08.2	+04 18 04	6.6	E0.02	B3	IV 21	LWR 8659	H S	O	012 00	80 242 14 25	G	81/092	C=220,B=38
*H 44007	FS402	06 16 32.0	-14 49 00	8.1			* 44	LWR 8988	L L	O	010 00	80 284 14 23	V	/	503
HR 2290	SPCJC	06 18 47.0	-48 42 49	6.6		G2	V 44	LWR 9520	L S	O	004 00	80 353 04 11	G	81/207	C=170,B=32,TRAILED
HR 2290	SPCJC	06 18 47.0	-48 42 49	6.6		G2	V 44	LWR 9520	L L	O	011 00	80 353 04 12	G	81/207	C=245,B=32,TRAILED
HR 2290	SPCJC	06 18 47.0	-48 42 49	6.6		G2	V 44	LWR 9521	L S	O	010 00	80 353 05 16	G	81/207	C=1.5X,B=40 TRAILED
HR 2290	SPCJC	06 18 47.0	-48 42 49	6.6		G2	V 44	LWR 9521	L L	O	025 00	80 353 05 39	G	81/207	C=2.5X,B=40 TRAILED
*I0002165	NDCSC	06 19 23.9	-12 57 59	12.5			* 70	LWR 7430	L L	O	030 00	80 097 15 25	G	80/332	E=178,C=80,B=35
*I0002165	NDCSC	06 19 23.9	-12 57 59	12.5			* 70	SWP 8678	L L	O	020 00	80 097 16 01	G	80/332	E=1.5-2X,B=27
*H 44863	HM334	06 19 59.0	-54 31 00	8.8			* 53	LWR 8041	L L	O	010 00	80 166 01 29	V	/	402
*H 44863	HM334	06 19 59.0	-54 31 00	9.5			* 53	LWR 8322	L L	O	008 00	80 204 00 33	V	/	201
*H 44863	HM334	06 19 59.0	-54 31 00	9.5			* 53	SWP 9570	L L	O	018 00	80 204 00 51	V	/	201
*H 44863	HM334	06 19 59.0	-54 31 00	10.7			* 53	LWR 8330	L L	O	022 00	80 205 02 46	V	/	201
*H 44863	HM334	06 19 59.0	-54 31 00	10.7			* 53	SWP 9576	L L	O	036 00	80 205 03 11	V	/	301 NO SPECT BELOW 1
HD 44700	IGCJS	06 20 40.3	+03 47 28	6.4	E0.06	B3	V 21	SWP 9948	H S	O	013 00	80 242 12 52	G	81/092	C=210,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 44700	IGCJS	06 20 40.3	+03 47 28	6.4	E0.06	B3	V 21	LWR 8658	H S	O	010 29	80 242 13 24	G	81/092	C=210,B=38
HD 44700	NSCGW	06 20 40.3	+03 47 28	6.40	E0.02	B3	IV 21	SWP 9886	H S	O	013 39	80 237 13 09	G	81/089	C=185,B=37
HD 44700	NSCGW	06 20 40.3	+03 47 28	6.40	E0.02	B3	IV 21	LWR 8598	H S	O	011 29	80 237 13 46	G	81/089	C=220,B=38
* J-900	NDCSC	06 22 59.9	+17 48 59	12.4			* 70	LWR 7429	L L	O	045 00	80 097 13 30	G	80/314	B=154,C=80,B=17
* J-900	NDCSC	06 22 59.9	+17 48 59	12.4			* 70	SWP 8677	L L	O	030 00	80 097 14 28	G	80/321	B=30%X,B=27
HD 45166	FBCSH	06 23 30.0	+08 01 00	9.9		OF-W	* 16	SWP 10797	H L	O	114 00	80 346 02 26	G	81/188	C=200,B=75
HD 45677	IECBS	06 25 59.1	-13 01 12	8.8	E0.27	B2	* 60	LWR 9356	H L	O	040 00	80 326 04 24	G	81/173	C=210,B=50
HD 45677	IECBS	06 25 59.1	-13 01 12	8.8	E0.27	B2	* 60	LWR 9357	L L	O	000 49	80 326 05 29	G	81/173	B=255,C=210,B=21
HD 45677	IECBS	06 25 59.1	-13 01 12	8.8	E0.27	B2	* 60	LWR 9357	L S	O	001 00	80 326 05 34	G	81/173	B=201,C=140,B=21
HD 45677	IECBS	06 25 59.1	-13 01 12	8.8	E0.27	B2	* 60	SWP 10648	L L	O	002 00	80 326 05 38	G	81/173	B=205,C=183,B=32
HD 45677	IECBS	06 25 59.1	-13 01 12	8.8	E0.25	B2	* 60	SWP 10648	L S	O	004 00	80 326 05 44	G	81/173	B=222,C=200,B=32
HD 45677	IECBS	06 25 59.1	-13 01 12	8.8	E0.25	B2	* 60	SWP 10652	H L	O	080 00	80 326 10 30	G	81/173	B=260,C=200,B=89
HD 45789	NSCGW	06 27 12.0	+07 09 00	7.09	E0.07	B3	V 21	LWR 8596	H S	O	021 00	80 237 11 14	G	81/089	C=220,B=39
HD 45789	NSCGW	06 27 13.9	+07 08 47	7.09	E0.07	B3	V 21	SWP 9884	H S	O	024 00	80 237 10 46	G	81/089	C=160,B=36
HD 45911	NSCGW	06 27 50.4	+04 22 04	7.31	E0.08	B2	V 20	SWP 9885	H S	O	026 00	80 237 11 58	G	81/089	C=185,B=42
HD 45911	NSCGW	06 27 50.4	+04 22 04	7.31	E0.08	B2	V 20	LWR 8597	H S	O	024 00	80 237 12 29	G	81/089	C=237,B=43
HD 45995	IGCJS	06 28 22.6	+11 17 14	6.1	E0.14	B2	V 26	SWP 9936	H S	O	012 00	80 241 15 28	G	81/092	C=240,B=39
HD 45995	IGCJS	06 28 22.6	+11 17 14	6.1	E0.14	B2	V 26	LWR 8648	H S	O	007 49	80 241 15 58	G	81/092	C=230,B=38
*SKY BKGD	MLCTG	06 28 41.4	+04 52 13				* 07	LWR 7631	L L	O	140 00	80 119 15 59	G	80/335	B=51
HD 46056	MLCTG	06 28 41.5	+ 4 52 14	8.2	0.18	O8	V 12	SWP 8846	H S	O	170 00	80 119 15 54	G	80/335	C=238,B=80
HD 46149	IGCAU	06 29 13.4	+05 04 11	7.61	E0.51	O8	V 12	SWP 8694	H S	O	110 00	80 098 15 54	G	80/335	C=¬260,¬30%,B=57
HD 46150	HSCPC	06 29 15.9	+04 58 47	6.75	E0.43	O5	* 12	LWR 9438	H L	O	016 00	80 340 08 18	G	81/184	C=255,1.5X,B=47
HD 46150	HSCPC	06 29 15.9	+04 58 47	6.75	E0.43	O5	* 12	SWP 10758	H L	O	020 00	80 340 08 46	G	81/184	C=220,B=57
HD 46150	MLCTG	06 29 16.1	+ 4 58 48	6.7	0.13	O5	V 12	SWP 8847	H S	O	033 00	80 119 19 19	G	80/335	C=240,B=48
HD 46223	HSCPC	06 29 29.8	+04 51 37	7.27	E0.51	O5	* 12	LWR 9437	H L	O	024 00	80 340 07 03	G	81/183	C=220,B=43

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 46223	HSCPC	06 29 29.8	+04 51 37	7.27	E0.51	O5	* 12	SWP 10757	H L	O	033 00	80 340 07 34	G	81/183	C=190,B=57
HD 46223	MLCTG	06 29 29.9	+ 4 51 38	7.25	+0.22	O4	V 12	SWP 8844	H S	O	080 00	80 119 10 40	G	80/335	C=135,B=40
HD 46202	MLCTG	06 29 31.0	+ 5 0 14	8.2	+0.17	O9	V 12	SWP 8845	H S	O	170 00	80 119 12 31	G	80/335	C=210,B=45
HD 46202	MLCTG	06 29 31.0	+ 5 0 14				* 72	LWR 7630	L L	O	140 00	80 119 12 32	G	80/335	B=35
HD 46300	MLCTG	06 30 12.0	+ 7 22 16	4.5	0.02	A0	IB 32	SWP 8848	H S	O	033 00	80 119 20 18	G	80/335	C=¬2X,B=55
*SV CAM	UK316	06 30 38.0	+82 19 00	9.8			* 44	LWR 8282	L L	O	040 00	80 199 03 08	V	/	654
HD 46485	NSCGW	06 31 12.0	+04 33 54	8.26	E0.63	O8	V 22	SWP 9913	H S	O	300 00	80 240 02 35	G	81/092	B=255,15X,C=240,B=85
HD 46966	NSCGW	06 33 48.0	+06 07 32	6.8	E0.29	O8	V 23	LWR 8625	H S	O	020 00	80 240 09 18	G	81/092	C=250,B=40
HD 47107	NSCGW	06 34 33.9	+05 50 58	7.7		B1	IA 20	SWP 9914	H S	O	066 00	80 240 08 04	G	81/092	B=250,C=220,B=45
*H 47129	UK303	06 34 43.0	+06 10 00	6.1			* 13	LWR 8746	H L	O	006 00	80 251 19 37	V	/	502
*H 47129	UK303	06 34 43.0	+06 10 00	6.1			* 13	SWP 10048	H L	O	012 00	80 251 19 46	V	/	601
HD 47129	FECSH	06 34 43.1	+06 10 42	6.05	+0.06	O7	III 12	SWP 8867	H S	O	013 00	80 120 21 43	G	80/335	B=153,C=185,B=35
HD 47129	FECSH	06 34 43.1	+06 10 42	6.05	+0.06	O7	III 12	SWP 8868	H S	O	015 00	80 120 22 21	G	80/335	B=179,C=235,B=42
HD 47129	CECRK	06 34 43.2	+06 10 44	6.1	E0.38	O8	V 14	LWR 8817	H S	O	010 00	80 260 10 56	G	81/103	C=225,B=35
HD 47129	CECRK	06 34 43.2	+06 10 44	6.1	E0.38	O8	V 14	SWP 10152	H S	O	014 00	80 260 11 11	G	81/104	C=210,B=48
HD 47129	CECRK	06 34 43.2	+06 10 44	6.1	E0.06	O8	* 14	SWP 10689	H L	O	008 00	80 332 09 56	G	81/183	C=195,B=35
HD 47129	IGCJS	06 34 43.2	+06 10 44	6.0	E0.37	O8	III 13	SWP 9950	H S	O	014 00	80 242 15 06	G	81/092	C=185,C=35
HD 47129	IGCJS	06 34 43.2	+06 10 44	6.0	E0.37	O8	III 13	LWR 8660	H S	O	009 00	80 242 15 35	G	81/092	C=210,B=35
HD 47240	IGCJS	06 35 13.2	+05 00 04	6.1	E0.38	B1	II 23	LWR 8607	H S	O	020 00	80 238 14 19	G	81/085	C=275,B=45
HD 47240	IGCJS	06 35 13.2	+05 00 04	6.1	E0.38	B1	II 23	SWP 9895	H S	O	030 00	80 238 14 44	G	81/085	C=215,B=45
HD 47240	MICTG	06 35 13.2	+ 5 0 4	6.1	0.15	B1	IB 23	SWP 8849	H S	O	035 00	80 119 21 17	G	80/331	C=245,B=48
*H 74359	UK242	06 35 45.0	+04 55 00	8.9			* 27	SWP 8839	H L	O	400 00	80 118 03 07	V	/	704
HD 47359	NSCGW	06 35 45.4	+04 55 32	8.9	E0.50	B0	V 20	SWP 9883	H S	O	300 00	80 237 05 15	G	81/084	C=225,B=103
HD 47382	NSCGW	06 35 49.5	+04 39 08	7.14	E0.48	B0	III 22	SWP 9882	H S	O	116 00	80 237 02 48	G	81/084	C=1.5X,B=60
HD 47432	IGCJS	06 36 02.5	+01 39 31	6.2	E0.40	O9	IB 13	SWP 9946	H S	O	024 00	80 242 10 54	G	81/092	B=207,C=205,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 47432	IGCJS	06	36	02.5	+01	39	31	6.2	E0.40	O9	IB	13	LWR 8656	H	S	0 020	00	80	242	11	23	G	81/092		C=270,B=45
HD 47432	IGCJS	06	36	02.5	+01	39	31	6.2	E0.40	O9	IB	13	SWP 9947	H	S	0 026	00	80	242	11	49	G	81/092		E=219,C=220,B=35
HD 47432	IGCJS	06	36	02.5	+01	39	31	6.2	E0.40	O9	IB	13	LWR 8657	H	S	0 015	29	80	242	12	20	G	81/092		C=235,B=40
*WALK0020	MGCTS	06	36	43.4	+	9	44	49	10.3	0.0	F2	V	40	LWR 7533	L	L	0 055	00	80	108	17	29	G	80/325		E=255,C=255,B=53
*VSE00020	MGCTS	06	37	20.7	+	9	38	37	11.2	0.0	F5	V	41	LWR 7531	L	L	0 007	00	80	108	12	11	G	80/328		C=1.5X,B=40
PKS 0637-75	CD25E	06	37	23.3	-75	13	37	15.7			*	85	SWP 10832	L	L	0 416	00	80	353	18	53	G	81/207		NONE
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	SWP 10149	L	L	0 002	00	80	260	07	20	G	81/098		C=3-5X,B=20
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	SWP 10149	L	S	0 003	00	80	260	07	28	G	81/098		C=3-5X,B=20
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	LWR 8815	L	L	0 000	19	80	260	07	59	G	81/103		C=195,B=25
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	LWR 8815	L	S	0 000	39	80	260	08	05	G	81/103		C=200,B=25
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	SWP 10150	L	S	0 000	29	80	260	08	10	G	81/103		C=170,B=18
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	SWP 10150	L	L	0 000	29	80	260	08	15	G	81/103		C=260,B=18
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	SWP 10151	H	S	0 043	29	80	260	08	48	G	81/103		C=200,B=50
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	LWR 8816	H	S	0 045	00	80	260	09	38	G	81/103		C=215,B=45
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	SWP 10685	H	L	0 021	29	80	332	04	42	G	81/188		C=142,B=32
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	LWR 9394	H	L	0 022	29	80	332	05	09	G	81/188		C=190,B=35
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	SWP 10686	L	S	0 000	29	80	332	05	59	G	81/187		C=140,B=20
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	SWP 10686	L	L	0 000	14	80	332	06	03	G	81/187		C=130,B=20
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	LWR 9395	L	S	0 000	39	80	332	06	10	G	81/187		C=180,B=23
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	IV	20	LWR 9395	L	L	0 000	19	80	332	06	13	G	81/187		C=178,B=23
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	*	20	SWP 10688	H	L	0 021	30	80	332	08	57	G	81/183		C=145,B=37
HD 47732	CECRK	06	37	45.1	+09	52	21	8.1	E0.12	B2	*	20	SWP 10691	H	L	0 021	30	80	332	11	17	G	81/187		C=142,B=32
HD 47755	CECRK	06	37	51.8	+09	50	41	8.4	E0.12	B5	*	21	LWR 9396	H	L	0 040	00	80	332	06	52	G	81/188		C=198,B=40
HD 47755	CECRK	06	37	51.8	+09	50	41	8.4	E0.12	B5	*	21	SWP 10687	H	L	0 040	00	80	332	07	40	G	81/188		C=162,B=40
*WALK0079	MGCTS	06	37	56.3	+	9	36	49	15.6	0.0	K0	V	58	LWR 7532	L	L	0 090	00	80	108	15	24	G	80/328		E=118MG,C=85,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR		EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	*WALK0079	MGCTS	06	37	56.3	+ 9	36	49	15.6	0.0	K0	V	58	LWR 7543	L	L	O	180	00	80	109	10	53	G	80/328	B=127,C=90,B=50
	*WALK0079	MGCTS	06	37	56.3	+ 9	36	49	15.6	=0.4	K0	V	58	SWP 8783	L	L	O	217	00	80	109	14	28	G	80/325	B=255,C=130,B=80
	LKH01025	IECBS	06	38	00.0	+09	51	00	12.8		B4	*	26	SWP 10661	L	L	O	120	00	80	328	02	55	G	81/188	C=150,B=85
	IKH01025	IECBS	06	38	00.0	+09	51	00	12.8		B4	*	26	LWR 9369	L	L	O	105	00	80	328	04	59	G	81/174	B=230,C=200,B=85
	*WALK0100	MGCTS	06	38	03.7	+ 9	54	35	10.0	0.0	A0	V	30	LWR 7535	L	L	O	012	00	80	108	20	25	G	80/325	B=222,C=200,B=38
HD	47839	IGCJS	06	38	13.5	+09	56	37	4.6	E0.06	O8	III	13	SWP 9892	H	S	O	000	53	80	238	10	41	G	81/085	C=137,B=25
HD	47839	IGCJS	06	38	13.5	+09	56	37	4.6	E0.06	O8	III	11	LWR 8604	H	S	O	000	52	80	238	10	47	G	81/085	C=170,B=32
HD	47839	IGCJS	06	38	13.5	+09	56	37	4.6	E0.06	O8	III	13	SWP 9937	H	S	O	001	00	80	241	16	49	G	81/092	C=110,B=22
HD	47839	IGCJS	06	38	13.5	+09	56	37	4.6	E0.06	O8	III	13	LWR 8649	H	S	O	001	00	80	241	16	54	G	81/092	C=220,B=35
HD	47839	IGCJS	06	38	13.5	+09	56	37	4.6	E0.06	O8	III	13	SWP 9938	H	S	O	001	39	80	241	17	23	G	81/092	C=220,B=35
HD	47839	IGCJS	06	38	13.5	+09	56	37	4.6	E0.06	O8	III	13	SWP 9951	H	S	O	001	39	80	242	16	33	G	81/092	C=265,B=40
HD	47839	IGCJS	06	38	13.5	+09	56	37	4.6	E0.06	O8	III	13	LWR 8661	H	S	O	001	00	80	242	16	39	G	81/092	C=215,B=30
HD	47839	IGCJS	06	38	13.5	+09	56	37	4.6	E0.06	O8	III	13	SWP 10864	H	S	O	001	09	80	357	09	16	G	/	C=180,B=30
HD	47839	IGCJS	06	38	13.5	+09	56	37	4.6	E0.06	O8	III	13	LWR 9556	H	S	O	001	00	80	357	09	23	G	/	C=220,B=30
	*WALK0158	MGCTS	06	38	19.3	+ 9	57	37	10.4	0.0	A7	V	31	LWR 7534	L	L	O	025	00	80	108	19	02	G	80/325	C=210,B=58
	* LX MCN	MGCTS	06	38	20.5	+09	51	10	14			*	58	LWR 7544	L	L	O	060	00	80	109	18	34	G	80/325	C=130,B=80
HD	47964	NSCGW	06	38	31.1	+00	32	37	5.78	E0.00	B8	III	12	SWP 9887	H	S	O	021	00	80	237	14	31	G	81/089	C=207,B=43
HD	47964	NSCGW	06	38	31.1	+00	32	37	5.78	E0.00	B8	III	12	LWR 8599	H	S	O	014	00	80	237	15	03	G	81/089	C=233,B=36
	* MC MCN	MGCTS	06	38	46.3	+09	29	53	13.5	+1.22	K3	IV	58	LWR 7536	L	L	O	015	00	80	108	21	22	G	80/325	B=35
	*WALK 220	MGCTS	06	38	48.5	+09	21	53	9.70	+0.48	F2	V	40	LWR 7530	L	L	O	030	00	80	108	10	54	G	80/328	C=1.5X,B=35
HD	48099	IGCJS	06	39	18.2	+06	23	40	6.4	E0.27	O7	V	12	SWP 9894	H	S	O	011	00	80	238	13	11	G	81/085	C=180,B=35
HD	48099	IGCJS	06	39	18.2	+06	23	40	6.4	E0.27	O7	V	12	LWR 8606	H	S	O	010	00	80	238	13	26	G	81/085	C=233,B=40
HD	48099	IGCJS	06	39	18.2	+06	23	40	6.4	E0.27	O8	III	13	SWP 9952	H	S	O	012	00	80	242	17	08	G	81/092	C=235,B=40
HD	48099	IGCJS	06	39	18.2	+06	23	40	6.4	E0.27	O8	III	13	LWR 8662	H	S	O	009	00	80	242	17	37	G	81/092	C=215,B=30
HD	48329	CSCRW	06	40	51.4	+25	10	57	3.0	E0.25	G8	IB	45	LWR 8731	H	L	O	060	00	80	250	11	37	G	81/098	B=255,8X,C=170,B=38

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	ALF CMAA	FBCMS	06	42	55.3	-16	39	25	-1.6		A1	V	30	SWP 10077	L	L	O	000	00	80	254	15	12	G	81/	126	B=25
	ALF CMAA	FBCMS	06	42	55.3	-16	39	25	-1.6		A1	V	30	SWP 10077	L	S	O	000	00	80	254	15	13	G	81/	126	C=165,B=25,TRAILED
	ALF CMAA	FBCMS	06	42	55.3	-16	39	25	-1.6		A1	V	30	LWR 8769	L	L	O	000	00	80	254	15	29	G	81/	098	C=10X,B=42
	ALF CMAA	FBCMS	06	42	55.3	-16	39	25	-1.6		A1	V	30	LWR 8769	L	S	O	000	00	80	254	15	30	G	81/	098	C=1.5-2X,B=41,TRAILE
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WO	WD	37	SWP 10072	H	L	O	000	02	80	254	09	21	G	81/	092	N/A
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WO	WD	37	SWP 10073	L	L	O	000	08	80	254	09	59	G	81/	098	C=260,B=17
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WO	WD	37	SWP 10073	L	S	O	000	29	80	254	10	02	G	81/	098	C=130,B=17
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WO	WD	37	LWR 8766	L	L	O	000	14	80	254	10	52	G	81/	098	C=5-10X,B=25
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WO	WD	37	LWR 8766	L	S	O	001	19	80	254	10	59	G	81/	098	C=230,B=25
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WO	WD	37	SWP 10074	L	L	O	000	06	80	254	11	45	G	81/	098	C=185,B=15
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WOA	WD	37	LWR 8767	L	L	O	000	03	80	254	11	49	G	81/	098	C=145,B=32
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WO	WD	37	SWP 10074	L	S	O	001	00	80	254	11	54	G	81/	098	C=5X,B=15
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WOA	WD	37	LWR 8767	L	S	O	001	19	80	254	11	58	G	81/	098	C=2X,B=32
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WO	WD	37	SWP 10075	H	S	O	020	00	80	254	12	54	G	81/	098	C=180,B=41
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WO	WD	37	LWR 8768	H	S	O	030	00	80	254	13	27	G	81/	098	C=30-50%X,B=50
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WDA	WD	37	SWP 10123	L	S	O	000	23	80	258	13	53	G	82/	271	C=260,B=15
	ALF CMAB	FBCMS	06	42	55.9	-16	39	18	8.6		WDA	WD	37	SWP 10123	L	L	O	000	07	80	258	13	57	G	82/	271	C=210,B=15
	ALF CMAB	FBCMS	06	42	56.0	-16	39	17	8.6		WOA	WD	37	SWP 10076	L	L	O	000	07	80	254	14	29	G	81/	098	C=190,B=15
	ALF CMAB	FBCMS	06	42	56.0	-16	39	17	8.6		WOA	WD	37	SWP 10076	L	S	O	000	23	80	254	14	34	G	81/	098	C=260,B=15
	ALF CMAB	FBCMS	06	42	56.0	-16	39	17	8.6		WDA	WD	37	SWP 10122	L	S	O	000	23	80	258	13	11	G	81/	106	C=255-60,B=15
	ALF CMAB	FBCMS	06	42	56.0	-16	39	17	8.6		WDA	WD	37	SWP 10122	L	L	O	000	07	80	258	13	14	G	81/	106	C=200,B=15
	ALF CMAB	FBCMS	06	42	56.7	-16	39	18	8.6		WDA	WD	37	LWR 8796	L	S	O	000	39	80	258	14	04	G	81/	106	C=200,B=27
	ALF CMAB	FBCMS	06	42	56.7	-16	39	18	8.6		WDA	WD	37	LWR 8796	L	L	O	000	06	80	258	14	07	G	81/	106	C=175,B=27
HD	48977	IGCJS	06	43	48.8	+08	38	30	5.9	E0.04	B2	V	20	SWP 9893	H	S	O	006	46	80	238	11	44	G	81/	085	C=200,B=36
HD	48977	IGCJS	06	43	48.8	+08	38	30	5.9	E0.04	B2	V	20	LWR 8605	H	S	O	005	51	80	238	12	03	G	81/	085	C=212,B=45

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
IR GEM	CVCPS	06	44	30.9	+28	08	11	13.1			* 54	LWR 9468	L	L	O 060	00	80	345	02	47	G	81/188		B=127,C=90,B=35
IR GEM	CVCPS	06	44	30.9	+28	08	11	13			* 54	SWP 10791	L	L	O 120	00	80	345	03	50	G	81/191		B=114,C=80,B=55
MRK 6	QSCJC	06	45	43.8	+74	29	09			0	* 84	SWP 10002	L	L	O 420	00	80	248	00	42	G	81/098		B=80,C=95,B=75
MRK 6	QSCJC	06	45	43.8	+74	29	09	15		0	* 84	LWR 8711	L	L	O 265	00	80	248	07	45	G	81/096		C=115,B=62
HD 49567	NSCGW	06	46	28.8	+01	03	35	6.14	E0.06	B3	III 12	SWP 9888	H	S	O 013	00	80	237	15	49	G	81/089		C=215,B=37
HD 49567	NSCGW	06	46	28.8	+01	03	35	6.14	E0.06	B3	III 12	LWR 8600	H	S	O 009	14	80	237	16	21	G	81/089		C=220,B=37
HD 49521	CECMP	06	46	54.0	+33	18	00	9.4	E0.15	B8	V 22	SWP 10409	L	L	O 006	00	80	293	02	33	G	81/140		C=85,B=20
HD 49521	CECMP	06	46	54.0	+33	18	00	9.4	E0.15	B8	V 22	SWP 10409	L	S	O 004	00	80	293	02	45	G	81/140		B=20
HD 49521	CECMP	06	46	54.0	+33	18	00	9.4	E0.15	B8	V 22	LWR 9091	L	S	O 010	00	80	293	03	02	G	81/140		C=150,B=30
HD 49521	CECMP	06	46	54.0	+33	18	00	9.4	E0.15	B8	V 22	LWR 9091	L	L	O 015	00	80	293	03	18	G	81/140		C=150,2X,B=30
HD 50083	NSCGW	06	49	06.2	+05	08	44	6.90	E0.00	B2	V 20	SWP 9889	H	S	O 035	00	80	237	17	05	G	81/089		C=200,B=40
HD 50138	BECJM	06	49	07.6	-06	54	22	6.6	E0.13	B8	V 22	SWP 9806	H	S	O 100	00	80	229	10	23	G	81/077		C=2X,B=72
HD 50138	BECJM	06	49	07.6	-06	54	22	6.6		B8	V 22	SWP 10450	H	S	O 100	00	80	296	12	06	G	81/142		C=245,B=55
HD 50138	IECBS	06	49	07.6	-06	54	22	6.7	E0.10	B8	* 60	LWR 9358	H	L	O 015	00	80	326	06	22	G	81/183		B=141,C=140,B=35
HD 50138	IECBS	06	49	07.6	-06	54	22	6.7	E0.10	B8	* 60	SWP 10649	H	L	O 040	00	80	326	06	51	G	81/173		C=204,B=60
HD 50138	IECBS	06	49	07.6	-06	54	22	6.7	E0.10	B8	* 60	LWR 9359	L	L	O 000	16	80	326	07	55	G	81/173		C=140,B=27
HD 50138	IECBS	06	49	07.6	-06	54	22	6.7	E0.10	B8	* 60	LWR 9359	L	S	O 000	29	80	326	07	58	G	81/173		C=135,B=27
HD 50138	IECBS	06	49	07.6	-06	54	22	6.7	E0.10	B8	* 60	SWP 10650	L	L	O 000	29	80	326	08	02	G	81/173		C=120,B=27
HD 50138	IECBS	06	49	07.6	-06	54	22	6.7	E0.10	B8	* 60	SWP 10650	L	S	O 000	44	80	326	08	05	G	81/173		C=108,C=27
*H 50896	KH422	06	52	08.0	-23	52	00	6.8			* 11	SWP 10086	H	L	O 005	00	80	255	16	58	V	/		562
*H 50896	KH422	06	52	08.0	-23	52	00	6.8			* 11	LWR 8774	H	L	O 003	00	80	255	17	06	V	/		343
*H 50896	UK373	06	52	08.0	-23	52	00	6.9			* 11	SWP 10096	H	L	O 005	00	80	256	16	27	V	/		562
*H 50896	UK373	06	52	08.0	-23	52	00	6.9			* 11	LWR 8782	H	L	O 008	00	80	256	16	44	V	/		562
*H 50896	UK373	06	52	08.0	-23	52	00	6.9			* 11	SWP 10097	H	L	O 001	00	80	256	17	20	V	/		354
*H 50896	UK373	06	52	08.0	-23	52	00	6.9			* 11	LWR 8783	H	L	O 004	00	80	256	17	55	V	/		352

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*H	50896	UK373 06 52 08.0	-23 52 00	6.8		*	11	SWP 10114	H L	O	001 10	80 257 19 39	V	/	452
*H	50896	UK373 06 52 08.0	-23 52 00	6.8		*	11	LWR 8790	H L	O	003 30	80 257 19 48	V	/	452
*H	50896	UK373 06 52 08.0	-23 52 00	6.8		*	11	SWP 10115	H L	O	002 10	80 257 20 39	V	/	461
*H	50896	UK373 06 52 08.0	-23 52 00	6.8		*	11	LWR 8791	H L	O	010 00	80 257 20 48	V	/	562
*H	50896	UK373 06 52 08.0	-23 52 00	6.8		*	11	SWP 10116	H L	O	004 00	80 257 21 15	V	/	000 NO SPECTRUM
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 9058	L L	O	000 05	80 141 17 32	G	80/360	E=1.5X,C=68,B=25
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	LWR 7809	L L	O	000 10	80 141 18 24	G	80/360	E=2X,C=208,B=22,TRAI
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 9059	L L	O	000 10	80 141 18 58	G	80/358	E=4X,C=105,B=25
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	LWR 7810	L L	O	000 05	80 141 19 34	G	80/358	E=150,C=100,B=25
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 9060	L L	O	000 02	80 141 20 07	G	80/357	E=183,C=46,B=35
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 9061	H S	O	003 43	80 141 20 42	G	80/358	E=165,C=46,B=23
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 9062	H S	O	005 24	80 141 21 47	G	80/358	E=1.5X,C=75,B=25
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	LWR 7811	H S	O	005 19	80 141 22 25	G	80/360	E=170,C=140,B=33
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 9063	H S	O	010 49	80 141 22 34	G	80/358	E=4X,C=170,B=33
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	LWR 7812	H S	O	008 00	80 141 23 24	G	80/358	E=215,C=160,B=30
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 9064	H S	O	010 49	80 141 23 36	G	80/358	E=4X,C=160,B=33
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 10100	H L	O	003 44	80 257 00 29	G	81/103	E=2-3X,C=130,B=30
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	LWR 8784	H L	O	003 29	80 257 00 37	G	81/103	E=210,C=155,B=30
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 10101	H L	O	002 29	80 257 01 21	G	81/100	E=252,C=90,B=25
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 10102	H L	O	001 19	80 257 01 49	G	81/100	E=150,C=60,B=25
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	LWR 8785	H L	O	010 00	80 257 01 54	G	81/106	E=3X,C=260,B=40
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 10103	H L	O	007 00	80 257 02 19	G	81/106	E=5X,C=190,B=35
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 10107	L L	O	000 04	80 257 11 01	G	81/106	E=2X,C=61,B=26,TRLD
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	LWR 8788	L L	O	000 07	80 257 11 09	G	81/106	E=177,C=110,B=30,TRL
HD	50896	WRCCW 06 52 08.1	-23 51 52	6.8	E0.0 09	IB	11	SWP 10108	L L	O	000 03	80 257 12 00	G	81/103	C=203,C=46,B=23,TRLD

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 50896	WBCCW	06	52	08.1	-23	51	52	6.8	E0.0	O9	IB	11 SWP 10109	L	L	O 000	10	80	257	12	30	G	81/	103	E=2.5X,C=106,B=28,TR
HD 50896	WBCCW	06	52	08.1	-23	51	52	6.8	E0.0	O9	IB	11 SWP 10110	H	L	O 004	00	80	257	13	00	G	81/	103	E=3X,C=195,B=28
HD 50896	WBCCW	06	52	08.1	-23	51	52	6.8	E0.0	O9	IB	11 LWR 8789	H	L	O 003	29	80	257	13	07	G	81/	103	E=225,C=125,B=27
HD 50896	WBCCW	06	52	08.1	-23	51	52	6.8	E0.0	O9	IB	11 SWP 10111	H	L	O 002	09	80	257	13	54	G	81/	103	E=245,2X,C=130,B=25
HD 50896	WBCCW	06	52	08.1	-23	51	52	6.8	E0.0	O9	IB	11 SWP 10112	H	L	O 001	10	80	257	14	20	G	81/	103	E=225,C=90,B=21
HD 50896	WLCTG	06	52	08.3	-23	51	52	6.9	-0.07	O5	*	11 SWP 8853	H	S	O 009	00	80	120	00	18	G	80/	331	E=3X,C=180,B=35
*AU MON	CBCGP	06	52	22.5	-01	18	41	8.50	E0.30	B5	V	26 SWP 8638	L	L	O 018	00	80	094	00	28	G	80/	325	C=10X,B=29
*AU MON	CBCGP	06	52	22.5	-01	18	41	8.50	E0.30	B5	V	26 LWR 7385	L	L	O 008	29	80	094	01	00	G	80/	314	C=¬10X,B=30
AU MON	CBCGP	06	52	22.5	-01	18	41	8.5	E0.30	B5	V	26 SWP 9987	H	L	O 130	00	80	246	08	44	G	81/	097	C=255,2X,B=88
AU MON	CBCGP	06	52	22.5	-01	18	41	8.5	E0.30	B5	V	26 LWR 8694	H	L	O 040	00	80	246	10	59	G	81/	097	C=170,B=42
AU MON	CBCGP	06	52	22.5	-01	18	41	8.5	E0.30	B5	V	25 SWP 10239	H	L	O 090	00	80	272	10	35	G	81/	117	C=228,B=71
AU MON	CBCGP	06	52	22.5	-01	18	41	8.5	E0.30	B5	V	25 LWR 8904	H	L	O 045	00	80	272	12	09	G	81/	117	C=85,B=44
HD 50846	CBCMP	06	52	24.0	-01	18	59	8.3	E0.15	B5	V	21 SWP 10408	L	L	O 001	00	80	293	00	56	G	81/	140	C=190,B=20
HD 50846	CBCMP	06	52	24.0	-01	18	59	8.3	E0.15	B5	V	21 SWP 10408	L	S	O 000	39	80	293	01	00	G	81/	140	C=87,B=20
HD 50846	CBCMP	06	52	24.0	-01	18	59	8.3	E0.15	B5	V	21 LWR 9090	L	L	O 001	00	80	293	01	04	G	81/	147	C=200,B=26
HD 50846	CBCMP	06	52	24.0	-01	18	59	8.3	E0.15	B5	V	21 LWR 9090	L	S	O 000	39	80	293	01	11	G	81/	147	C=108,B=26
* ANON0	MICJL	06	54	21.7	-10	01	50	10	-1.	K5	III	47 LWR 7545	L	L	O 015	00	80	109	20	11	G	80/	330	C=155,B=19
HD 51480	CBCMP	06	54	48.0	-10	45	00	7.0	E0.30	B8	V	39 SWP 10406	L	L	O 001	00	80	292	22	23	G	81/	140	E=260,C=260,B=12
HD 51480	CBCMP	06	54	48.0	-10	45	00	7.0	E0.30	B8	V	39 SWP 10406	L	S	O 000	39	80	292	22	27	G	81/	140	C=135,B=12
HD 51480	CBCMP	06	54	48.0	-10	45	00	7.0	E0.30	B8	V	39 LWR 9089	L	L	O 000	49	80	292	22	31	G	81/	140	E=80,B=24
HD 51480	CBCMP	06	54	48.0	-10	45	00	7.0	E0.30	B8	V	39 LWR 9089	L	S	O 000	49	80	292	22	36	G	81/	140	C=270,B=24
HD 51480	CBCMP	06	54	48.0	-10	45	00	7.0	E0.30	B8	V	39 SWP 10407	H	L	O 075	00	80	292	23	07	G	81/	147	C=250,B=41
*H 51585	AH351	06	55	41.0	+16	24	00	11.2			*	26 LWR 7701	L	L	O 017	00	80	129	03	10	V	/		562
*H 51585	AH351	06	55	41.0	+16	24	00	11.2			*	26 SWP 8948	L	L	O 060	00	80	129	03	31	V	/		671
*H 51585	AH351	06	55	41.0	+16	24	00	11.2			*	26 LWR 7702	L	L	O 009	00	80	129	04	37	V	/		452

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID		PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	*H	52721	UK303	06	59	29.0	-11	14	00	6.6			* 36	LWR 8747	H	L	0	010	00	80	251	20	27	V	/	503
	*H	52721	UK303	06	59	29.0	-11	14	00	6.6			* 36	SWP 10049	H	L	0	020	00	80	251	20	55	V	/	601
	*H	52721	UK339	06	59	29.0	-11	14	00	6.6			* 20	LWR 9283	H	L	0	008	38	80	317	12	37	V	/	502
	*H	52721	UK339	06	59	29.0	-11	14	00	6.6			* 20	SWP 10592	H	L	0	016	50	80	317	12	49	V	/	501
HD		52877	CCCRS	06	59	44.0	-27	51	30	3.4	E0.12 K7	IB	47	SWP 9572	L	L	0	060	00	80	205	12	42	G	81/056	E=150,C=80,B=56
HD		52877	CCCRS	06	59	44.0	-27	51	30	3.4	E0.12 K7	IB	47	LWR 8325	H	L	0	030	00	80	205	13	46	G	81/056	E=1.5-2X,C=80,B=36
	*H	52942	UK339	07	00	22.0	-11	23	00	8.1			* 20	LWR 9271	L	S	0	001	22	80	315	12	35	V	/	502
	*H	52942	UK339	07	00	22.0	-11	23	00	8.1			* 20	LWR 9271	L	L	0	001	16	80	315	12	38	V	/	602
	*H	52942	UK339	07	00	22.0	-11	23	00	8.1			* 20	SWP 10579	L	S	0	001	25	80	315	12	43	V	/	301
	*H	52942	UK339	07	00	22.0	-11	23	00	8.1			* 20	SWP 10579	L	L	0	001	12	80	315	12	47	V	/	501
HD		52973	DCCES	07	01	08.6	+20	38	43	3.9	E0.15 G0	IB	53	LWR 9148	H	L	0	030	00	80	300	04	56	G	81/142	E=128,C=250,B=40
HD		52973	DCCES	07	01	08.6	+20	38	43	3.9	E0.15 G0	IB	53	SWP 10478	L	L	0	060	00	80	300	05	32	G	81/153	C=180,B=60
HD		52973	DCCES	07	01	08.6	+20	38	43	3.9	E0.15 G2	IB	53	LWR 9160	H	L	0	035	00	80	301	11	02	G	81/147	E=126,C=270,B=60
HD		52973	DCCES	07	01	08.6	+20	38	43	3.9	E0.15 G2	IB	53	LWR 9161	L	S	0	010	00	80	301	12	05	G	81/147	C=3X,B=36
HD		52973	DCCES	07	01	08.6	+20	38	43	3.9	E0.15 G2	IB	53	LWR 9161	L	L	0	015	00	80	301	12	20	G	81/147	C=8-10X,B=36
HD		52973	DCCES	07	01	08.6	+20	38	43	4.1	E0.15 G2	IB	53	LWR 9170	H	L	0	048	00	80	302	06	54	G	81/147	E=134,C=280,B=62
HD		52973	DCCES	07	01	08.6	+20	38	43	4.1	E0.15 G2	IB	53	LWR 9187	H	L	0	040	00	80	304	01	38	G	81/147	E=104,C=¬260-265,B=3
HD		52973	DCCES	07	01	08.6	+20	38	43	4.1	E0.15 G1	IB	53	LWR 9195	H	L	0	036	00	80	304	11	21	G	81/152	E=90,C=270,B=46
HD		52973	DCCES	07	01	08.6	+20	38	43	3.9	E0.15 G0	IB	53	LWR 9201	H	L	0	030	00	80	305	09	23	G	81/152	E=140,C=280,B=36
HD		52973	DCCES	07	01	08.6	+20	38	43	3.9	E0.15 G0	IB	53	SWP 10514	L	L	0	050	00	80	305	09	57	G	81/152	E=60,C=230,B=42
	*H	53367	UK339	07	02	02.0	-10	23	00	7.0			* 20	LWR 9286	H	L	0	030	00	80	317	15	40	V	/	403
	*H	53367	UK339	07	02	02.0	-10	23	00	7.0			* 20	SWP 10595	H	L	0	074	00	80	317	16	13	V	/	401
	*H	53367	SP391	07	02	04.0	-10	23	00	06.9			* 20	LWR 7890	L	L	0	000	35	80	151	00	51	V	/	501
	*H	53367	SP391	07	02	04.0	-10	23	00	06.9			* 20	SWP 9152	L	L	0	001	30	80	151	00	53	V	/	500
	*H	53623	UK339	07	02	57.0	-12	15	00	8.0			* 20	SWP 10594	L	S	0	000	25	80	317	14	55	V	/	401

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*B 53623	UK339	07 02 57.0	-12 15 00	8.0			*	20 SWP 10594	L	L	0 000 21	80 317 14 58	V	/	501
*H 53623	UK339	07 02 57.0	-12 15 00	8.0			*	20 LWR 9285	L	S	0 000 33	80 317 15 04	V	/	401
*H 53623	UK339	07 02 57.0	-12 15 00	8.0			*	20 LWR 9285	L	L	0 000 25	80 317 15 07	V	/	501
HD 53755	MLCTG	07 03 28.0	-10 34 59	6.5	-0.05	B0 V		20 SWP 8851	H	S	0 018 00	80 119 22 58	G	80/331	C=250,B=45
HD 53975	MLCTG	07 04 16.2	-12 18 56	6.5	-0.10	O7 V		12 SWP 8850	H	S	0 009 00	80 119 22 24	G	80/331	C=230,B=40
*H 53974	UK339	07 04 20.0	-11 13 00	5.4			*	23 LWR 9272	H	L	0 002 41	80 315 13 49	V	/	502
*H 53974	UK339	07 04 20.0	-11 13 00	5.4			*	23 SWP 10580	H	L	0 007 24	80 315 14 04	V	/	501
*H 54300	UK339	07 05 33.0	-11 50 00	8.8			*	20 SWP 10582	L	S	0 001 59	80 315 16 11	V	/	301
*H 54306	UK339	07 05 33.0	-11 50 00	8.8			*	20 LWR 9284	L	S	0 001 58	80 317 13 46	V	/	501
*H 54306	UK339	07 05 33.0	-11 50 00	8.8			*	20 LWR 9284	L	L	0 001 58	80 317 13 51	V	/	601
*H 54306	UK339	07 05 33.0	-11 50 00	8.8			*	20 SWP 10593	L	S	0 001 59	80 317 13 58	V	/	501
*H 54306	UK339	07 05 33.0	-11 50 00	8.8			*	20 SWP 10593	L	L	0 002 09	80 317 14 02	V	/	601
*H 54439	UK339	07 06 03.0	-11 46 00	7.7			*	20 LWR 9273	L	S	0 000 44	80 315 15 03	V	/	502
*H 54439	UK339	07 06 03.0	-11 46 00	7.7			*	20 LWR 9273	L	L	0 000 49	80 315 15 06	V	/	702
*H 54439	UK339	07 06 03.0	-11 46 00	7.7			*	20 SWP 10581	L	S	0 000 48	80 315 15 09	V	/	500
*H 54439	UK339	07 06 03.0	-11 46 00	7.7			*	20 SWP 10581	L	L	0 000 45	80 315 15 13	V	/	600
HD 55879	MLCTG	07 12 06.0	-10 13 44	6.0	-0.18	O9 II		13 SWP 8852	H	S	0 005 00	80 119 23 42	G	80/331	C=215,B=35
HD 57336	HECAC	07 12 35.9	-79 02 47	8.00			*	38 LWR 9367	L	S	0 002 00	80 327 11 13	G	81/173	C=120,B=25
HD 57336	HECAC	07 12 35.9	-79 02 47	8.00			*	38 LWR 9367	L	L	0 002 00	80 327 11 18	G	81/173	C=190,B=25
HD 57336	HECAC	07 12 35.9	-79 02 47	8.00			*	38 SWP 10659	L	S	0 006 00	80 327 11 24	G	81/191	C=130,B=28
HD 57336	HECAC	07 12 35.9	-79 02 47	8.00			*	38 SWP 10659	L	L	0 006 00	80 327 11 33	G	81/191	C=190,B=28
*S0716+71	HS302	07 16 13.0	+71 26 00	15.0			*	17 SWP 9440	L	L	0 240 00	80 186 20 59	V	/	202
HD 57060	CBCSH	07 16 35.4	-24 27 58	4.9	0.0	O8 IB		12 SWP 9620	H	S	0 002 00	80 210 15 03	G	81/058	E=223,C=165,B=30
HD 57060	CBCSH	07 16 35.4	-24 27 58	4.9		O8 IB		12 SWP 9654	H	S	0 002 29	80 213 17 47	G	81/064	E=191,C=150,B=30
HD 57060	CBCSH	07 16 35.4	-24 27 58	4.9		O8 IB		12 SWP 9671	H	S	0 002 29	80 215 12 07	G	81/062	E=255,C=210,B=35

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 58343	BEBGP	07 22 24.5	-16 6 6	5.3	E0.17	B3 V	26	SWP 8605	H L	O	006 00	80 090 17 58	G	80/304	C=245,B=40
HD 58343	BEBGP	07 22 24.5	-16 6 6	5.3	0.17	B3 V	26	LWR 7363	H L	O	003 00	80 091 16 39	G	80/325	C=260,B=35
NGC 2363	EGCMP	07 22 51.9	+69 17 59	14.1		0 *	72	SWP 9668	L L	O	060 00	80 215 02 33	G	81/062	E=84,C=52,B=26
NGC 2363	EGCMP	07 22 51.9	+69 17 59	14.1		0 *	72	LWR 8414	L L	O	180 00	80 215 03 37	G	81/062	E=100,C=150,B=42
NGC 2363	EGCMP	07 22 51.9	+69 17 59	14.1		0 *	72	SWP 9669	L L	O	187 00	80 215 06 43	G	81/062	E=200,C=130,B=50
HD 58978	BEBGP	07 24 52.2	-22 59 3	5.5	0.16	B0 IV	26	SWP 8617	H L	O	004 00	80 091 17 21	G	80/325	C=1.5X,B=45
NGC 2392	NECUH	07 26 12.1	+21 00 57	10.4		*	71	SWP 10179	L L	O	050 00	80 263 07 20	G	81/117	E=158,B=40
NGC 2392	NECUH	07 26 12.1	+21 00 57	10.4		*	71	SWP 10179	L S	O	006 00	80 263 08 17	G	81/117	E=158,C=2X,B=24
NGC 2392	NDCUH	07 26 12.1	+21 00 57	10.4		*	71	LWR 8845	L S	O	003 00	80 263 08 29	G	81/106	E=172,C=210,B=50
NGC 2392	NECUH	07 26 12.1	+21 00 57	10.4		*	71	LWR 8845	L L	O	075 00	80 263 08 42	G	81/106	E=172,C=210,B=50
NGC 2392	NDCUH	07 26 13.2	+21 00 57	10.4		*	71	SWP 10180	L S	O	003 00	80 263 10 05	G	81/106	C=220,B=22
NGC 2392	NDCUH	07 26 13.2	+21 00 57	10.4		*	71	SWP 10180	L L	O	003 00	80 263 10 06	G	81/106	C=220,B=22
NGC 2392	NECLA	07 26 13.2	+21 00 51			*	70	SWP 10186	L L	O	025 00	80 264 09 51	G	81/156	E=237,C=50,B=35
NGC 2392	NECLA	07 26 13.2	+21 00 51			*	70	LWR 8852	L L	O	035 00	80 264 10 30	G	81/156	E=225,C=110,B=40
NGC 2392	NECLA	07 26 13.2	+21 00 51			*	70	SWP 10187	H L	O	100 00	80 264 11 09	G	81/106	E=225,C=100,B=100
NGC 2392	NECLA	07 26 13.2	+21 00 51			*	70	LWR 8853	H L	O	170 00	80 264 12 55	G	81/156	E=170,C=95,B=90
HD 59612	MLCNM	07 27 43.9	-22 55 09			A5 IB	32	LWR 9017	H S	O	050 00	80 287 08 51	G	81/128	C=200,B=40
HD 59612	MLCNM	07 27 43.9	-22 55 09			A5 IB	33	LWR 9047	H S	O	080 00	80 289 12 24	G	81/141	C=2X,B=57
*E 60414	UK303	07 31 30.0	-14 24 00	5.0		*	46	LWR 8748	H L	O	020 00	80 251 21 43	V	/	573
*H 60414	UK303	07 31 30.0	-14 24 00	5.0		*	46	SWP 10050	H L	O	030 00	80 251 22 12	V	/	551
HD 60753	EGCJH	07 32 07.9	-50 28 28	6.69	E0.11	B3 IV	21	LWR 8217	L L	O	000 21	80 193 12 40	G	81/042	TRAILED AND TFLOOD
HD 60753	EGCJH	07 32 07.9	-50 28 28	6.69	E0.11	B3 IV	21	LWR 8218	L L	O	000 29	80 193 13 17	G	81/042	TRAILED AND TFLOOD
HD 60753	EGCJH	07 32 07.9	-50 28 28	6.69	E0.11	B3 IV	21	LWR 8219	L L	O	000 40	80 193 13 51	G	81/042	TRAILED AND TFLOOD
HD 60753	EGCJH	07 32 07.9	-50 28 28	6.69	E0.11	B3 IV	21	LWR 8220	L L	O	000 36	80 193 14 29	G	81/042	TRAILED AND TFLOOD
HD 60753	EGCJH	07 32 07.9	-50 28 28	6.69	E0.11	B3 IV	21	LWR 8221	L L	O	000 17	80 193 15 01	G	81/042	TRAILED AND FLOOD

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD	60753	EGCJH	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 LWR	8222	L	L	O 000	25	80	193	15	32	G	81/042	TRAILED AND TFLOOD
HD	60753	EGCJH	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 LWR	8223	L	L	O 000	41	80	193	16	04	G	81/042	TRAILED AND TFLOOD
HD	60753	EGCJH	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 LWR	8224	L	L	O 000	26	80	193	16	35	G	81/042	TRAILED AND TFLOOD
HD	60753	EGCJH	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 LWR	8225	L	L	O 000	34	80	193	17	07	G	81/042	TRAILED AND TFLOOD
HD	60753	EGCJH	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 SWP	9495	L	L	O 000	14	80	193	17	26	G	81/042	TRAILED AND TFLOOD
HD	60753	EGCJH	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 SWP	9496	L	L	O 000	11	80	193	17	57	G	81/042	TRAILED AND TFLOOD
HD	60753	EGCJH	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 SWP	9497	L	L	O 000	28	80	193	18	29	G	81/042	TRAILED AND TFLOOD
HD	60753	EGCJH	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 SWP	9498	L	L	O 000	09	80	193	19	00	G	81/042	TRAILED AND TFLOOD
HD	60753	EGCJH	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 SWP	9499	L	L	O 000	13	80	193	19	33	G	81/042	C=110,B=42
HD	60753	PHCAL	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 SWP	9068	L	S	O 000	29	80	142	18	18	G	81/001	C=1.5X,B=17
HD	60753	PHCAL	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 SWP	9068	L	L	O 000	09	80	142	18	21	G	81/001	C=205,B=17
HD	60753	PHCAL	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 LWR	7816	L	S	O 000	20	80	142	18	25	G	81/001	C=1.5X,B=29
HD	60753	PHCAL	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 LWR	7816	L	L	O 000	06	80	142	18	29	G	81/001	C=205,B=29
HD	60753	PHCAL	07	32	07.9	-50	28	28	6.69	E-0.1	B3 IV	21 LWR	7921	L	L	O 000	04	80	153	20	08	G	81/002	C=82,B=31,TRAILED
HD	60753	PHCAL	07	32	07.9	-50	28	28	6.69	E0.11	B3 IV	21 LWR	7922	L	L	O 000	09	80	153	20	42	G	81/002	C=105,B=50,TRAILED
HD	60753	PHCAL	07	32	07.9	-50	28	28	6.69	+0.11	B3 IV	21 LWR	7923	L	L	O 000	13	80	153	21	45	G	81/002	C=125,B=25,TRAILED
HD	60753	PHCAL	07	32	08.0	-50	28	29	6.69		B3 IV	21 SWP	8611	L	S	O 000	19	80	091	08	44	V	81/049	
HD	60753	PHCAL	07	32	08.0	-50	28	29	6.69		B3 IV	21 SWP	8611	L	L	O 000	09	80	091	08	48	V	81/049	
HD	60753	PHCAL	07	32	08.0	-50	28	29	6.69		B3 IV	21 LWR	7358	L	S	C 000	13	80	091	08	53	V	81/056	
HD	60753	PHCAL	07	32	08.0	-50	28	29	6.69		B3 IV	21 LWR	7358	L	L	O 000	06	80	091	08	54	V	81/056	
*H	60753	PHCAL	07	32	08.0	-50	28	00	6.7		*	21 LWR	7449	L	L	O 000	07	80	099	07	09	V	/	502
*H	60753	PHCAL	07	32	08.0	-50	28	00	6.7		*	21 LWR	7449	L	S	O 000	14	80	099	07	12	V	/	502
*H	60753	PHCAL	07	32	08.0	-50	28	00	6.7		*	21 SWP	8703	L	L	O 000	10	80	099	07	15	V	/	501
*H	60753	PHCAL	07	32	08.0	-50	28	00	6.7		*	21 SWP	8703	L	S	O 000	20	80	099	07	18	V	/	501
*H	60753	PHCAL	07	32	08.0	-50	28	00	6.7		*	21 LWR	7450	H	L	O 012	00	80	099	08	09	V	/	503

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 60753	PHCAL	07 32 08.0	-50 28 29	6.69	E0.11 B3	IV	21	SWP 8704	H L	O	013 00	80 099 08 21	V	81/092	
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	SWP 8704	H L	O	013 00	80 099 08 21	V	/ 501	
HD 60753	PHCAL	07 32 08.0	-50 28 29	6.69	E0.11 B3	*	21	LWR 7451	L L	O	000 12	80 099 08 47	V	81/092	
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	LWR 7451	L L	O	000 12	80 099 08 47	V	/ 602	
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	SWP 8705	H L	O	016 00	80 099 09 11	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	LWR 7452	H L	O	017 00	80 099 09 40	V	/ 603	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	SWP 9091	L S	O	000 14	80 145 00 38	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	SWP 9091	L L	O	000 07	80 145 00 41	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	LWR 7838	L S	O	000 20	80 145 00 44	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	LWR 7838	L L	O	000 10	80 145 00 47	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	SWP 9092	L L	O	000 12	80 145 01 30	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	LWR 7839	L L	O	000 17	80 145 01 33	V	/ 702	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	LWR 7840	H L	O	016 00	80 145 02 02	V	/ 702	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	SWP 9093	H L	O	012 00	80 145 02 29	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	SWP 9094	H L	O	012 00	80 145 03 31	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	LWR 7841	H L	O	016 00	80 145 03 47	V	/ 702	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	SWP 9095	H L	O	012 00	80 145 04 12	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	06.7		*	21	LWR 7842	H L	O	016 00	80 145 04 38	V	/ 702	
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	SWP 10257	L L	O	000 10	80 274 13 52	V	/ 501	PARTIAL READ
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	SWP 10257	L S	O	000 20	80 274 13 54	V	/ 501	PARTIAL READ
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	LWR 8923	L L	O	000 07	80 274 14 12	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	LWR 8923	L S	O	000 14	80 274 14 16	V	/ 501	
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	SWP 10433	L L	O	000 20	80 294 19 48	V	/ 500	
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	LWR 9115	L S	O	000 14	80 294 19 53	V	/ 502	
*H 60753	PHCAL	07 32 08.0	-50 28 00	6.7		*	21	SWP 10433	L S	O	000 07	80 294 19 56	V	/ 502	

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*H	60753	PHCAL 07 32 08.0	-50 28 00	6.7		*	21	LWR 9115	L	L	O 000 07	80 294 19 56	V	/	502
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	LWR 7449	L	L	O 000 06	80 099 07 09	V	81/090	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	LWR 7449	L	S	O 000 13	80 099 07 12	V	81/090	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	SWP 8703	L	L	O 000 09	80 099 07 15	V	81/090	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	SWP 8703	L	S	O 000 19	80 099 07 18	V	81/090	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	LWR 7450	H	L	O 012 00	80 099 08 05	V	81/100	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	SWP 8705	H	L	O 016 00	80 099 09 11	V	81/092	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	LWR 7452	H	L	O 017 00	80 099 09 40	V	81/092	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.7	+0.11	B3 IV	21	LWR 7650	L	L	O 000 07	80 121 22 58	G	80/344	C=170,B=27
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.7	+0.11	B3 IV	21	SWP 8878	L	L	O 000 09	80 121 23 03	G	80/344	C=155,B=12
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.7	0.11	B3 IV	21	SWP 8879	L	L	O 000 09	80 121 23 41	G	80/338	C=165,B=15
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	SWP 9091	L	S	O 000 13	80 145 00 38	V	81/117	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	SWP 9091	L	L	O 000 06	80 145 00 41	V	81/117	
HD	6.753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	LWR 7838	L	S	O 000 19	80 145 00 44	V	81/119	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	LWR 7838	L	L	O 000 09	80 145 00 47	V	81/119	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	SWP 9092	L	L	O 000 11	80 145 01 30	V	81/120	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	LWR 7839	L	L	O 000 16	80 145 01 33	V	81/120	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.9	E0.11	B3 IV	21	LWR 7840	H	L	O 016 00	80 145 02 02	V	81/117	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	SWP 9093	H	L	O 012 00	80 145 02 29	V	81/117	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	SWP 9094	H	L	O 012 00	80 145 03 31	V	81/117	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	LWR 7841	H	L	O 016 00	80 145 03 47	V	81/117	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	SWP 9095	H	L	O 012 00	80 145 04 12	V	81/117	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.69	E0.11	B3 IV	21	LWR 7842	H	L	O 016 00	80 145 04 38	V	81/117	
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.7		*	21	LWR 7985	L	L	O 000 31	80 160 19 49	G	81/012	C=210,B=40,TRAILED
HD	60753	PHCAL 07 32 08.1	-50 28 29	6.7		*	21	LWR 7986	L	L	O 000 04	80 160 20 26	G	81/012	C=90,B=30,TRAILED

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7			* 21	LWR 7987	L	L	0	000	13	80	160	21	01	G	81/012	C=130,B=30,TRAILED
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7		B3	IV	21 SWP 9227	L	L	0	000	10	80	160	21	32	G	81/012	C=192,B=15
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7		B3	IV	21 LWR 7988	L	L	0	000	06	80	160	21	35	G	81/012	C=200,B=25
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	-0.09	B3	IV	21 SWP 9361	L	L	0	000	09	80	176	20	47	G	81/027	C=170,B=12
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	-0.09	B3	IV	21 LWR 8117	L	L	0	000	06	80	176	20	50	G	81/027	C=175,B=25
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 SWP 9747	L	L	0	000	09	80	222	14	59	G	81/092	C=190,B=18
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 SWP 9747	L	S	0	000	29	80	222	15	03	G	81/092	C=210,B=18
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWR 8473	L	S	0	000	20	80	222	15	08	G	81/077	C=203,B=25
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWR 8473	L	L	0	000	06	80	222	15	13	G	81/077	C=203,B=25
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 SWP 9748	L	L	0	000	40	80	222	16	01	G	81/078	C=210,B=18,TRAILED
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWR 8474	L	L	0	000	31	80	222	16	10	G	81/078	C=210,B=28,TRAILED
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWP 1243	L	L	0	000	05	80	222	17	24	G	81/069	C=220,B=35
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWP 1244	L	L	0	000	05	80	222	19	02	G	81/065	C=215,B=18
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWP 1245	L	L	0	000	05	80	222	19	35	G	81/069	C=215,B=33
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 SWP 9835	L	S	0	000	29	80	231	17	03	G	81/084	C=123,B=18
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 SWP 9835	L	L	0	000	09	80	231	17	11	G	81/084	C=185,B=18
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWR 8547	L	S	0	000	20	80	231	17	15	G	81/084	C=150,B=23
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWR 8547	L	L	0	000	06	80	231	17	19	G	81/084	C=195,B=25
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 SWP 10256	L	S	0	000	29	80	274	12	29	G	81/119	C=230,B=18
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 SWP 10256	L	L	0	000	09	80	274	12	33	G	81/119	C=205,B=18
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWR 8921	L	S	0	000	20	80	274	12	37	G	81/119	C=235,B=23
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWR 8921	L	L	0	000	06	80	274	12	40	G	81/119	C=215,B=23
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWR 8922	L	L	0	000	31	80	274	13	33	G	81/126	C=205,B=23,TRAILED
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 LWR 8971	L	L	0	000	06	80	282	13	33	G	81/126	C=205,B=24
HD	60753	PHCAL	07	32	08.1	-50	28	29	6.7	E0.11	B3	IV	21 SWP 10308	L	L	0	000	09	80	282	13	37	G	81/126	C=200,B=26

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*P0735+17	UK37C	07 35 14.0	+17 49 00	14.8			*	87 SWP 10660	L	L O	386 00	80 327 12 58	V	/	302
*P0735+18	UK37C	07 35 14.0	+17 49 00	14.0			*	87 LWR 9380	L	L O	398 00	80 329 13 03	V	/	309
PKS 0735+178	IGCAW	07 35 14.1	17 49 09	15.5			*	87 SWP 10435	L	L O	380 00	80 294 23 30	G	81/159	C=135,B=55
PKS 0735+178	IGCAW	07 35 14.1	+17 49 09	15.5			*	87 SWP 10790	L	L O	400 00	80 344 19 13	G	81/188	C=125,B=65
PKS 0735+178	BLCAG	07 35 14.2	+17 49 09	14.2	E0.0		*	87 LWR 8966	L	L O	095 00	80 281 22 33	G	81/126	C=112,B=33
PKS 0735+178	BLCAG	07 35 14.2	+17 49 09	14.2	E0.0		*	87 SWP 10303	L	L O	289 00	80 282 00 13	G	81/126	C=118,B=45
PKS 0735+178	BLCAG	07 35 14.2	+17 49 09	15.5	E0.0		*	87 LWR 8980	L	L O	120 00	80 283 06 59	G	81/126	C=190,B=115
PKS 0735+178	BLCAG	07 35 14.2	+17 49 09	15.5	E0.0		*	87 SWP 10313	L	L O	135 00	80 283 07 36	G	81/126	C=182,B=141
PKS 0735+178	BLCAG	07 35 14.2	+17 49 11	14.2	E0.0		*	87 LWR 8981	L	L O	120 00	80 283 11 47	G	81/126	C=205,B=124
PKS 0735+178	BLCAG	07 35 14.2	+17 49 11	14.6	E0.0		*	87 SWP 10764	L	L O	240 00	80 340 23 57	G	81/183	B=155,C=134,B=90
HD 61421	CCCKB	07 36 41.0	+05 22 00	0.3	E0.0	F5 IV	41	SWP 10019	L	L O	002 30	80 249 15 39	G	81/097	B=132,C=10X,B=42
HD 61421	PHCAL	07 36 41.1	+05 21 16	0.3	E0.02	F5 IV	41	LWR 9108	L	L O	000 00	80 294 10 06	G	81/147	C=205,B=21,TRAILED
HD 62058	CCCBS	07 38 57.0	-31 33 00	6.6		G2 IB	45	FES 1289	D	2	160 00	80 361 06 36	G	81/201	NONE
HD 62058	CCCBS	07 38 57.0	-31 33 00	6.6		G2 IB	45	LWR 9577	L	L O	010 00	80 361 06 41	G	/	C=150,B=21
* VV 1-7	PBCSH	07 38 59.9	-18 51 59	8.40		B9	*	70 SWP 8866	L	L O	009 30	80 120 20 39	G	80/331	C=140,B=30
*H 62001	SP391	07 39 01.0	-18 52 00	08.6			*	30 LWR 7891	L	L O	002 00	80 151 01 51	V	/	501
*H 62001	SP391	07 39 01.0	-18 52 00	08.6			*	30 SWP 9153	L	L O	003 00	80 151 01 55	V	/	300
*H 62001	UK366	07 39 01.0	-18 52 00	8.2			*	30 LWR 8954	L	L O	002 00	80 279 14 28	V	/	502
*H 62001	UK366	07 39 01.0	-18 52 00	8.2			*	30 LWR 8954	L	S O	003 00	80 279 14 37	V	/	402
*H 62001	UK366	07 39 01.0	-18 52 00	8.2			*	30 SWP 10288	L	L O	015 00	80 279 14 44	V	/	502
*H 62001	UK366	07 39 01.0	-18 52 00	8.2			*	30 SWP 10288	L	S O	006 00	80 279 15 00	V	/	502
*H 62001	UK366	07 39 01.0	-18 52 00	8.2			*	30 LWR 8955	H	L O	120 00	80 279 15 20	V	/	405
HD 62623	HLCNM	07 41 48.0	-28 50 03	3.96		A3 II	32	LWR 9013	H	S O	020 00	80 287 04 13	G	81/128	C=300,B=35
HD 62623	HLCNM	07 41 48.0	-28 50 03	3.96		A3 II	32	SWP 10353	H	S O	080 00	80 287 04 37	G	81/128	C=3X,B=55
HD 62623	HLCNM	07 41 48.0	-28 50 03	3.96		A3 II	32	LWR 9016	H	S O	060 00	80 287 06 55	G	81/128	C=2X,B=50

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 62509	CSCRW	07 42 15.5	+28 08 55	1.1	E0.01	K0	III 47	LWR 8749	H	L	O 010 00	80 252 00 43	G	81/098	E=2X,C=1.5-2X,B=30
HD 62509	CSCRW	07 42 15.5	+28 08 55	1.1	E0.01	K0	III 47	SWP 10052	L	L	O 040 00	80 252 01 00	G	81/098	E=1.5-2X,C=145,B=30
HD 62509	CSCRW	07 42 15.5	+28 08 55	1.1		K0	III 47	LWR 9586	H	L	O 008 00	80 362 04 56	G	/	C=2-3X,B=30
HD 62509	CSCRW	07 42 15.5	+28 08 55	1.1		K0	III 47	SWP 10902	H	L	O 030 00	80 362 05 08	G	/	E=73,1.5X,C=125,B=30
*H 62509	UK356	07 42 16.0	+28 09 00	1.2			* 47	LWR 9230	H	L	O 045 00	80 309 12 23	V	/	803
*H 62509	UK356	07 42 16.0	+28 09 00	1.2			* 47	LWR 9253	H	L	O 130 00	80 312 12 31	V	/	766
PKS 0742+318	QSCAG	07 42 30.7	+31 50 16	15.3	E0.0		* 84	SWP 10765	L	L	O 170 00	80 341 04 53	G	81/183	E=191,C=170,B=118
PKS 0742+318	QSCAG	07 42 30.7	+31 50 16	15.3	E0.0		* 84	LWR 9443	L	L	O 120 00	80 341 07 46	G	81/183	C=160,B=80
*H 62910	UK307	07 43 00.0	-31 48 00	10.5			* 11	SWP 9029	L	L	O 010 00	80 139 00 57	V	/	341
*H 62910	UK307	07 43 00.0	-31 48 00	10.5			* 11	LWR 7785	L	L	O 017 00	80 139 01 10	V	/	563
HD 62910	HSCPC	07 43 01.7	-31 47 10	10.6	E0.73	O1	* 11	LWR 9432	L	L	O 016 00	80 339 02 25	G	81/183	E=255,C=218,B=30
HD 62910	HSCPC	07 43 01.7	-31 47 10	10.6	E0.73	O1	* 11	SWP 10747	L	L	O 020 00	80 339 02 47	G	81/183	B=255,C=90,B=23
*H 62910	UK331	07 43 02.0	-31 48 00	10.0			* 11	LWR 8601	H	L	O 320 00	80 237 18 25	V	/	308
HD 63077	CCCEE	07 43 42.9	-34 04 23	5.4		G0	V 44	SWP 10220	L	L	O 179 00	80 269 12 51	G	81/117	C=10X,B=60
HD 63922	RPSTD	07 47 42.7	-46 14 47	4.11	E0.11	B0	III 23	SWP 9511	L	L	O 000 00	80 195 12 46	G	81/042	C=215,B=18,TRAILED
HD 63922	RPSTD	07 47 42.7	-46 14 47	4.11	E0.11	B0	III 23	LWR 8237	L	L	O 000 00	80 195 12 55	G	81/042	C=230,B=22,TRAILED
U GEM	CVCAH	07 52 07.9	+22 08 17	9.3		B0	* 54	LWR 8986	L	L	O 002 14	80 284 12 01	G	81/126	C=270,B=26
U GEM	CVCAH	07 52 07.9	+22 08 17	9.9		B0	* 54	SWP 10326	L	L	O 001 41	80 284 12 35	G	81/126	C=255,B=18
U GEM	CVCAH	07 52 07.9	+22 08 17	9.3		B0	* 54	LWR 8987	L	L	O 006 33	80 284 13 05	G	81/126	C=240,B=35,TRAILED
U GEM	CVCAH	07 52 07.9	+22 08 17	9.3		B0	* 54	SWP 10327	L	L	O 005 24	80 284 13 27	G	81/126	C=240,B=35,TRAILED
U GEM	CVCAH	07 52 08.0	+22 08 18	10	E0.0		* 54	SWP 10364	L	L	O 004 42	80 288 13 04	G	81/141	C=165,B=24,TRAILED
U GEM	CVCAH	07 52 08.0	+22 08 18	10	E0.0		* 54	LWR 9034	L	L	O 006 00	80 288 13 25	G	81/141	C=195,B=29,TRAILED
U GEM	CVCAH	07 52 08.0	+22 08 18	14.0	E0.0		* 54	SWP 10423	L	L	O 006 29	80 294 06 27	G	81/147	C=195,B=17
U GEM	CVCAH	07 52 08.0	+22 08 18	14.0	E0.0		* 54	LWR 9104	L	L	O 007 30	80 294 06 38	G	81/147	C=185,B=24
U GEM	CVCAH	07 52 08.0	+22 08 18	14.0	E0.0		* 54	SWP 10536	L	L	O 075 00	80 309 02 32	G	81/155	C=165,B=20

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
U	GEM CVCAE	07	52	08.0	+22	08	18	14.0	E0.0		*	54	FES 1288	D 2		040	00	80	354	18	53	G	81/194	NONE
U	GEM CVCAH	07	52	08.0	+22	08	18	14.3	E0.0		*	54	LWR 9531	L L	O	035	00	80	354	19	21	G	/	C=112,B=32
U	GEM CVCAE	07	52	08.0	+22	08	18	14.0	E0.0		*	54	SWP 10835	L L	O	042	00	80	354	20	06	G	/	C=65,B=24 TRAILED
U	GEM CVCAH	07	52	08.0	+22	08	18	14.3	E0.0		*	54	LWR 9532	L L	O	040	00	80	354	21	12	G	/	E=114,C=100,B=42
U	GEM CVCAH	07	52	08.0	+22	08	18	14.3	E0.0		*	54	SWP 10836	L L	O	040	00	80	354	21	59	G	/	C=90,B=17
U	GEM CVCAE	07	52	08.0	+22	08	18	14.3	E0.0		*	54	LWR 9533	L L	O	040	00	80	354	22	45	G	81/203	E=104,C=85,B=25
U	GEM CVCAE	07	52	08.0	+22	08	18	14.3	E0.0		*	54	SWP 10837	L L	O	040	00	80	354	23	29	G	81/203	C=100,B=17
U	GEM CVCAH	07	52	08.0	+22	08	18	14.3	E0.0		*	54	LWR 9534	L L	O	042	00	80	355	00	21	G	81/203	C=85,B=33 TRAILED
U	GEM CVCAE	07	52	08.0	+22	08	18	14.3	E0.0		*	54	SWP 10838	L L	O	025	00	80	355	01	25	G	81/203	C=65,B=18
HD 65818	CBCRK	07	56	48.5	-49	06	30	4.7	E0.30	B1 V		20	SWP 10155	L S	O	000	01	80	260	14	13	G	81/104	C=240,B=20
HD 65818	CBCRK	07	56	48.5	-49	06	30	4.7	E0.30	B1 V		20	LWR 8820	L L	O	000	01	80	260	14	38	G	81/106	C=2.5X,B=24
HD 65818	CBCRK	07	56	48.5	-49	06	30	4.7	E0.30	B1 V		20	LWR 8821	L L	O	000	01	80	260	15	16	G	81/106	C=1.5X,B=30
HD 65818	CBCRK	07	56	48.5	-49	06	30	4.7	E0.30	B1 V		20	LWR 8822	H S	O	001	00	80	260	15	40	G	81/106	C=220,B=37
HD 65818	CBCRK	07	56	58.5	-49	06	30	4.7	E0.30	B1 V		20	SWP 10156	H S	O	001	50	80	260	15	10	G	81/104	C=260,B=40
HD 65810	HBCAC	07	57	37.4	-18	15	38	4.6		A3 V		30	LWR 8034	L S	O	000	02	80	166	17	24	G	81/008	C=90,B=25
HD 65810	HBCAC	07	57	37.4	-18	15	38	4.6		A3 V		30	LWR 8034	L L	O	000	09	80	166	17	26	G	81/008	C=1.5-2X,B=25
HD 65810	HBCAC	07	57	37.4	-18	15	38	04.6		A3 V		30	LWR 8064	H L	O	005	00	80	169	16	06	G	81/026	C=200,B=41
HD 65865	HSCPC	07	57	44.0	-28	35	47	11.1	E0.48	O1	*	11	SWP 10748	L L	O	013	00	80	339	03	43	G	81/183	E=149,C=90,B=20
HD 65865	HSCPC	07	57	44.0	-28	35	47	11.1	E0.48	O1	*	11	LWR 9439	L L	O	010	00	80	340	09	41	G	81/183	C=140,B=30
* 0803+76	QSCTS	08	04	35.3	+76	11	31	16.0			*	85	SWP 8882	L L	O	200	00	80	122	17	06	G	80/338	E=3X,C=195,B=90
* 0803+76	QSCTS	08	04	35.3	+76	11	31	14.4			*	85	SWP 8884	L L	O	037	00	80	122	23	14	G	80/338	E=136,C=50,B=30
*D+75 325	PHCAL	08	04	42.9	+75	06	47	9.54			*	16	SWP 8612	L L	O	000	13	80	091	10	09	V	81/056	
*D+75 325	PHCAL	08	04	42.9	+75	06	47	9.54			*	16	SWP 8612	L S	C	000	27	80	091	10	12	V	81/056	
*E +75325	PHCAL	08	04	43.0	+75	07	00	9.5			*	16	LWR 8305	H L	O	038	00	80	202	00	33	V	/	503
*E +75325	PHCAL	08	04	43.0	+75	07	00	9.5			*	16	SWP 9552	H L	O	014	00	80	202	01	21	V	/	301

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEASE DATE YR	DAY	OBSERVERS COMMENTS
*E +75325	PHCAL	08	04	43.0	+75	07	00	9.5			* 16	LWP 1232	L	L	0	000	20	80	202	02	15	V	/	502
*E +75325	PHCAL	08	04	43.0	+75	07	00	9.5			* 16	LWP 1232	L	S	0	001	00	80	202	02	21	V	/	402
*E +75325	PHCAL	08	04	43.0	+75	07	00	9.5			* 16	SWP 9553	H	L	0	007	00	80	202	02	33	V	/	300
*E +75325	PHCAL	08	04	43.0	+75	07	00	9.5			* 16	SWP 9550	L	L	0	000	14	80	202	23	03	V	/	400
*E +75325	PHCAL	08	04	43.0	+75	07	00	9.5			* 16	SWP 9550	L	S	0	000	42	80	202	23	10	V	/	500
*E +75325	PHCAL	08	04	43.0	+75	07	00	9.5			* 16	LWR 8304	L	L	0	000	24	80	202	23	37	V	/	501
*E +75325	PHCAL	08	04	43.0	+75	07	00	9.5			* 16	LWR 8304	L	S	0	001	12	80	202	23	42	V	/	501
*E +75325	PHCAL	08	04	43.0	+75	07	00	9.5			* 16	SWP 9551	H	L	0	022	00	80	202	23	53	V	/	401
*E +75325	PHCAL	08	04	43.0	+75	06	00	9.5			* 16	LWP 1254	L	S	0	000	40	80	232	00	01	V	/	503
*E +75325	PHCAL	08	04	43.0	+75	06	00	9.5			* 16	LWP 1254	L	L	0	000	20	80	232	00	03	V	/	503
*E +75325	PHCAL	08	04	43.0	+75	06	00	9.5			* 16	SWP 9842	L	S	0	000	28	80	232	00	36	V	/	500
*E +75325	PHCAL	08	04	43.0	+75	06	00	9.5			* 16	SWP 9842	L	L	0	000	14	80	232	00	38	V	/	500
*E +75325	PHCAL	08	04	43.0	+75	06	00	9.5			* 16	LWR 8558	L	S	0	000	48	80	232	00	41	V	/	502
*E +75325	PHCAL	08	04	43.0	+75	06	00	9.5			* 16	LWR 8558	L	L	0	000	24	80	232	00	44	V	/	502
*E +75325	PHCAL	08	04	43.0	+75	06	00	9.5			* 16	SWP 9843	H	L	0	030	00	80	232	01	09	V	/	501
*ED+75325	PHCAL	08	04	43.0	+75	05	00	9.5			* 16	SWP 10259	L	L	0	000	14	80	274	15	20	V	/	501
*ED+75325	PHCAL	08	04	43.0	+75	05	00	9.5			* 16	SWP 10259	L	S	0	000	28	80	274	15	22	V	/	501
*ED+75325	PHCAL	08	04	43.0	+75	05	00	9.5			* 16	LWR 8924	L	L	0	000	24	80	274	15	47	V	/	501
*ED+75325	PHCAL	08	04	43.0	+75	05	00	9.5			* 16	LWR 8924	L	L	0	000	48	80	274	15	50	V	/	501
*ED+75325	UKCAL	08	04	43.0	+75	06	00	9.5			* 28	LWR 7697	L	L	0	000	24	80	128	00	17	V	/	500
*ED+75325	UKCAL	08	04	43.0	+75	07	00	9.5			* 28	LWP 1210	L	L	0	000	20	80	128	01	23	V	/	500
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	05 SD	16	LWR 7368	L	L	0	000	74	80	092	00	12	G	80/328	C=180,B=25
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	05 SD	16	LWR 7369	L	L	0	000	24	80	092	00	56	G	80/328	C=110,B=32
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.37	05 SD	16	LWR 7522	L	L	0	000	09	80	107	23	34	G	80/335	C=85,B=23,TRAILED
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.37	05 SD	16	LWR 7523	L	L	0	001	30	80	108	00	07	G	80/328	C=207,B=34,TRAILED

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.37	O5 SD	16	LWR 7524	L	L	O 000	09	80	108	00	48	G	80/328		C=70,B=25,TRAILED
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.37	O5 SD	16	LWR 7525	L	L	O 000	18	80	108	01	18	G	80/328		C=80,B=25,TRAILED
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	O5 SD	16	SWP 8941	L	L	O 000	14	80	127	23	26	G	80/343		C=170,B=15
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	O5 SD	16	LWR 7696	L	L	O 000	24	80	127	23	33	G	80/343		C=180,B=25
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	O5 SD	16	SWP 9012	L	L	O 000	05	80	136	23	00	G	80/357		C=¬50,B=18,TRAILED
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	O5 SD	16	SWP 9013	L	L	O 000	05	80	136	23	31	G	80/357		C=195,B=20,TRAILED
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	O5 SD	16	SWP 9013	L	S	O 000	05	80	136	23	32	G	80/357		C=195,B=20,TRAILED
*D+75 325	PHCAL	08	04	43.2	+75	06	48	9.5	-0.05	O5D SD	16	SWP 9225	L	S	O 000	41	80	160	14	30	G	81/009		C=1.5X,B=18
*D+75 325	PHCAL	08	04	43.2	+75	06	48	9.5	-0.05	O5D SD	16	SWP 9225	L	L	O 000	13	80	160	14	35	G	81/009		C=185,B=18
*D+75 325	PHCAL	08	04	43.2	+75	06	48	9.5	-0.05	O5D SD	16	LWR 7983	L	S	O 001	12	80	160	14	41	G	81/009		E=260,B=28
*D+75 325	PHCAL	08	04	43.2	+75	06	48	9.5	-0.05	O5D SD	16	LWR 7983	L	L	O 000	23	80	160	14	45	G	81/009		C=195,B=28
*D+75 325	PHCAL	08	04	43.2	+75	06	48	9.5		O5D SD	16	LWP 1218	L	S	O 001	C0	80	160	16	31	G	81/012		C=240,B=38
*D+75 325	PHCAL	08	04	43.2	+75	06	48	9.5		O5D SD	16	LWP 1218	L	L	O 000	19	80	160	16	36	G	81/012		C=210,B=38
BD +75 325	PHCAL	08	04	43.2	+75	06	48	9.54		05 *	16	SWP 9550	L	L	O 000	14	80	202	23	03	V	81/152		
BD +75 325	PHCAL	08	04	43.2	+75	06	48	9.54		05 *	16	SWP 9550	L	S	O 000	42	80	202	23	11	V	81/152		
BD +75 325	PHCAL	08	04	43.2	+75	06	48	9.54		05 *	16	LWR 8304	H	L	O 000	24	80	202	23	37	V	81/152		
BD +75 325	PHCAL	08	04	43.2	+75	06	48	9.54		*	16	LWR 8304	H	S	O 001	11	80	202	23	42	V	81/152		
BD +75 325	PHCAL	08	04	43.2	+75	06	48	9.54		05 *	16	SWP 9551	H	L	O 022	00	80	202	23	54	V	81/152		
BD +75 325	PHCAL	08	04	43.2	+75	06	48	9.54		05 *	16	LWR 8305	H	L	O 038	00	80	203	00	33	V	81/152		
BD +75 325	PHCAL	08	04	43.2	+75	06	48	9.54		05 *	16	SWP 9552	H	L	O 014	00	80	203	01	21	V	81/152		
BD +75 325	PHCAL	08	04	43.2	+75	06	48	9.54		05 *	16	LWP 1232	L	L	O 000	20	80	203	02	15	V	/		
BD +75 325	PHCAL	08	04	43.2	+75	06	48	9.54		05 *	16	LWP 1232	L	S	O 001	00	80	203	02	22	V	/		
BD +75 325	PHCAL	08	04	43.2	+75	06	48	9.54		05 *	16	SWP 9553	H	L	O 007	00	80	203	02	34	V	81/152		
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	O5 SD	16	SWP 9581	L	L	O 000	00	80	206	15	00	G	81/058		E=165,C=107,B=25
*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	O5 SD	16	SWP 9582	L	L	O 000	13	80	206	15	32	G	81/058		C=185,B=19

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	05 SD	16	SWP 9583	L	L	0 000	00	80	206	16	05	G	81/058		C=200,B=35
	*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	05 SD	16	SWP 9584	L	L	0 000	00	80	206	16	46	G	81/058		C=45,B=30
	*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	05 SD	16	SWP 9585	L	L	0 000	00	80	206	17	18	G	81/058		C=75,B=30
	*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	05 SD	16	SWP 9586	L	L	0 000	00	80	206	17	52	G	81/058		C=50,B=25
	*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	05 SD	16	SWP 9587	L	L	0 000	00	80	206	18	22	G	81/058		
	*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	05 SD	16	SWP 9588	L	L	0 000	00	80	206	18	59	G	81/058		C=200,B=23
	*D+75 325	PHCAL	08	04	43.2	+75	6	48	9.5	-0.05	05 SD	16	SWP 9589	L	L	0 000	00	80	206	19	46	G	81/058		
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	LWR 8873	L	L	0 000	24	80	267	13	46	G	81/124		C=195,B=25,TRAILED
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	LWR 8874	L	L	0 000	23	80	267	14	15	G	81/124		C=190,B=25
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	LWR 8875	L	L	0 000	24	80	267	14	49	G	81/124		C=195,B=30,TRAILED
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	LWR 8876	L	L	0 001	14	80	267	15	22	G	81/124		C=185,B=20,TRAILED
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	SWP 10251	L	S	0 000	41	80	274	07	13	G	81/118		C=255,B=28
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	SWP 10251	L	L	0 000	13	80	274	07	16	G	81/118		C=187,B=28
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	LWR 8916	L	S	0 001	12	80	274	07	19	G	81/118		C=208,B=28
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	LWR 8916	L	L	0 000	24	80	274	07	22	G	81/118		C=210,B=28
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	SWP 10667	L	L	0 000	13	80	329	04	28	G	81/173		C=180,B=20
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	SWP 10667	L	S	0 000	41	80	329	04	33	G	81/173		C=240,B=20
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	LWR 9376	L	L	0 000	23	80	329	06	28	G	81/173		C=185,B=28
BD	+75 0325	PHCAL	08	04	43.2	+75	06	48	9.5	E-.05	05 SD	16	LWR 9376	L	S	0 001	11	80	329	06	34	G	81/173		C=185,B=28
	*B 67621	CL333	08	05	12.0	-48	21	00	6.3			*	20 SWP 10008	H	L	0 005	30	80	248	22	05	V	/		501
	*H 67523	MF316	08	05	25.0	-24	09	00	2.9			*	41 LWR 8972	H	L	0 005	33	80	282	14	20	V	/		702
HD	67594	CCCRS	08	06	04.7	-02	50	12	4.35		G2	IB	45 LWR 9576	H	L	0 040	00	80	361	05	25	G	/		B=187,C=205,B=32
	*I97-3	VW386	08	06	28.0	-66	10	00	13.9			*	43 SWP 10599	L	L	0 384	00	80	318	13	23	V	/		503
	SD UMA	CVCPS	08	08	04.8	+62	45	28	14			*	54 SWP 10785	L	L	0 018	00	80	344	03	21	G	81/188		B=242,C=125,B=60,TRL
	SU UMA	CVCPS	08	08	04.8	+62	45	28	14.6			*	54 LWR 9462	L	L	0 050	00	80	344	05	51	G	81/188		B=189,C=105,B=35

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
MARK0086	EGCTI	08	09	43.1	+46	08	33	12.0		V	88	SWP 10473	L	L	0	095	00	80	299	12	16	G	81/	152	E=15,B=80
*H 68860	CS357	08	11	09.0	-34	25	00	8.0			* 45	LWR 8329	L	L	0	010	00	80	204	21	07	V	/		201
*H 68860	CS357	08	11	09.0	-34	25	00	8.0			* 45	LWR 8483	L	L	0	055	00	80	223	21	06	V	/		403
HD 68860	MLCHJ	08	11	09.0	-34	25	36	6.5	E0.62	F8	III 53	LWR 9252	L	L	0	040	00	80	312	11	09	G	81/	156	C=2X,B=40
HD 68860	MLCHJ	08	11	09.0	-34	25	36	6.7	E0.62	F8	III 53	LWR 9256	L	L	0	015	00	80	313	05	50	G	81/	162	E=209,C=180,B=25
*E 69081	BW278	08	12	05.0	-36	10	00	5.1			* 23	LWR 8824	H	L	0	000	45	80	260	21	11	V	/		402
*E 69081	BW278	08	12	05.0	-36	10	00	5.1			* 23	SWP 10159	H	L	0	001	15	80	260	21	37	V	/		502
*H 69106	BW278	08	12	12.0	-36	48	00	7.1			* 20	LWR 8825	L	L	0	000	08	80	260	21	53	V	/		502
*H 69106	BW278	08	12	12.0	-36	48	00	7.1			* 20	LWR 8826	H	L	0	007	30	80	260	22	17	V	/		503
*COBX PUP	CVBDI	08	12	28.1	-41	33	0	13.0		M5	III 57	SWP 8762	L	L	0	030	00	80	106	00	42	G	80/	329	E=255,C=-170,B=30
*OOBX PUP	CVBDI	08	12	28.1	-41	33	0	13.0	-0.84	M5	III 57	LWR 7505	L	L	0	030	00	80	106	01	16	G	80/	328	E=255,2X,C=255,B=31
BX PUP	ZACAM	08	12	28.2	-41	33	18	12.5	E0.0		* 57	SWP 10189	L	L	0	045	00	80	265	02	47	G	81/	106	E=255,C=80,B=23
BX PUP	ZACAM	08	12	28.2	-41	33	18	9.5	E0.0		* 57	LWR 8856	L	L	0	030	00	80	265	03	36	G	81/	106	E=3X,C=1.5X,B=28
BX PUP	ZACAM	08	12	28.2	-41	33	18	9.5	E0.0		* 57	SWP 10190	L	L	0	015	00	80	265	04	10	G	81/	106	E=255,C=35,B=30
BX PUP	ZACAM	08	12	28.2	-41	33	18	9.5	E0.0		* 57	SWP 10191	H	L	0	102	00	80	265	04	51	G	81/	106	E=208,C=40,B=40
VV PUP	FECAL	08	12	52.2	-18	54	00	16			* 54	SWP 10267	L	L	0	080	00	80	276	12	21	G	81/	120	E=73,B=28
*VV PUP	FBCAD	08	12	52.3	-18	54	10	17		0	* 54	SWP 9407	L	L	0	405	00	80	182	14	57	G	81/	033	E=3-5X,C=190,B=130
*H 69464	BW278	08	13	54.0	-35	28	00	8.8			* 15	SWP 10157	L	L	0	005	00	80	260	16	51	V	/		501
*H 69464	BW278	08	13	54.0	-35	28	00	8.8			* 15	LWR 8823	L	L	0	002	30	80	260	17	26	V	/		702
*H 69464	BW278	08	13	54.0	-35	28	00	8.8			* 15	SWP 10158	H	L	0	180	00	80	260	17	38	V	/		402
*H 44863	HM334	08	19	59.0	-59	31	00	8.8			* 30	LWR 8014	L	L	0	005	00	80	164	05	19	V	/		332
*H 44863	HM334	08	19	59.0	-59	31	00	8.8			* 30	SWP 9272	L	L	0	012	00	80	164	05	27	V	/		211
*H 71019	UK350	08	21	42.0	-42	39	00	8.3			* 21	SWP 9434	H	L	0	060	00	80	185	22	20	V	/		501
*H 71019	UK350	08	21	42.0	-42	39	00	8.3			* 21	LWR 8172	H	L	0	036	00	80	185	23	25	V	/		503 HICPH
*H 71336	UK350	08	23	24.0	-43	12	00	08.0			* 21	SWP 9433	H	L	0	045	00	80	185	20	48	V	/		501

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*E 71336	UK35C	06 23 24.0	-43 12 00	0E.0			* 21	LWR 8171	H L	O	028 00	80 185 21 37	V	/	503
HD 72754	CBCME	08 30 51.0	-49 25 50	6.9	E0.40	B2	IB 23	SWP 10437	H L	O	070 00	80 295 07 23	G	81/147	C=260,B=55
HD 72754	CECME	08 30 51.0	-49 25 50	6.9	E0.40	B2	IB 23	SWP 10438	L S	O	000 39	80 295 09 03	G	81/140	C=145,B=20
HD 72754	CBCME	08 30 51.0	-49 25 50	6.9	E0.40	B2	IB 23	SWP 10438	L L	O	001 00	80 295 09 06	G	81/140	C=250,B=20
HD 72754	CBCME	08 30 51.0	-49 25 50	6.9	E0.40	B2	IB 23	LWR 9117	L S	O	000 39	80 295 09 10	G	81/140	C=260,B=25
HD 72754	CECME	08 30 51.0	-49 25 50	6.9	E0.40	B2	IB 23	LWR 9117	L L	O	001 00	80 295 09 13	G	81/140	C=3.5X,B=25
HD 72754	IGCPB	08 30 51.2	-49 25 50	6.90		B2	IB 23	SWP 9077	H S	O	080 00	80 143 21 56	G	80/360	C=180,B=43
HD 72779	MLCJI	08 32 27.0	+19 45 48	6.5	0.68	G1	III 45	LWR 7537	L L	O	003 00	80 108 22 35	G	80/325	E=194,C=230,2X,B=30
HD 72779	MLCJI	08 32 27.0	+19 45 48	6.5	0.68	G1	III 45	LWR 7568	L L	O	012 00	80 111 23 31	G	80/332	C=2-3X
HD 72779	MLCJL	08 32 27.0	+19 45 48	6.5	0.68	G1	III 45	SWP 8794	L L	O	080 00	80 111 23 48	G	80/332	E=70,C=125,B=38
*D+53 1C5	VILSE	08 32 30.0	+53 37 00	3.6			* 20	SWP 10057	H L	O	000 40	80 252 23 33	V	/	601
*H 73340	UK307	08 34 23.0	-50 47 00	05.8			* 36	LWR 7787	H L	O	006 00	80 139 03 38	V	/	503
*H 73340	UK307	08 34 23.0	-50 47 00	05.8			* 36	SWP 9031	H L	O	010 00	80 139 03 49	V	/	501
*H 73340	UK307	08 34 23.0	-50 47 00	05.8			* 36	LWR 7788	H L	O	012 00	80 139 04 20	V	/	703
*H 73340	UK307	08 34 23.0	-50 47 00	05.8			* 36	SWP 9032	H L	O	020 00	80 139 04 49	V	/	701
HD 72905	CSCAL	08 34 46.6	+65 11 44	5.6	0.62	G0	V 44	LWR 7348	H L	O	020 00	80 090 20 37	G	80/325	E=150,C=140,B=35
PG C836+237	FECRG	08 36 37.9	+23 44 47	16.0		A	WD 37	SWP 10277	L L	O	040 00	80 278 08 33	G	81/120	B=20
PG C836+236	FECRG	08 36 37.9	+23 44 46	16.0		A7	WD 37	SWP 10294	L L	O	030 00	80 280 11 52	G	81/120	C=143,B=112
*H 73666	MG339	08 37 19.0	+20 09 00	6.6			* 30	SWP 10403	H L	O	090 00	80 292 17 03	V	/	601
*H 73666	MG339	08 37 19.0	+20 09 00	6.6			* 30	LWR 9086	H L	O	060 00	80 292 18 36	V	/	604
*H 74455	SE391	08 40 39.0	-47 55 00	05.5			* 20	LWR 7892	H L	O	002 30	80 151 02 54	V	/	602
*H 74455	SE391	08 40 39.0	-47 55 00	05.5			* 20	SWP 9154	H L	O	004 00	80 151 02 59	V	/	701
CD -45 4482	HSCPC	08 43 07.0	-45 47 55	11.1	E0.78	O1	* 11	SWP 10749	L L	O	030 00	80 339 04 36	G	81/183	E=168,C=90,B=25
*F81	MG339	08 48 26.0	+11 57 00	10.0			* 22	SWP 10404	L L	O	020 00	80 292 19 53	V	/	801
*F81	MG339	08 48 26.0	+11 57 00	10.0			* 22	LWR 9087	L L	O	006 00	80 292 20 19	V	/	501

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*F81	MG339	08	48	26.0	+11	57	00	10.0			* 22	SWP 10405	L	L	0 008	00	80	292	20	44	V	/	501
*F81	MG339	08	48	26.0	+11	57	00	10.0			* 22	LWR 9088	L	L	0 010	00	80	292	21	10	V	/	702
HD 75759	CECSE	08	48	31.7	-41	54	8	6.1	0.0	09	V 12	SWP 9619	H	S	0 006	00	80	210	14	24	G	81/058	C=180,B=35
*H 75821	SP391	08	48	52.0	-46	20	00	05.1			* 23	LWR 7893	H	L	0 002	00	80	151	03	52	V	/	702
*H 75821	SP391	08	48	52.0	-46	20	00	05.1			* 23	SWP 9155	H	L	0 003	00	80	151	03	57	V	/	701
000CJ287	BLCDW	08	51	57.2	+20	17	58	15.			* 87	SWP 10453	L	L	0 405	00	80	296	22	59	G	81/141	C=120,B=70
BACKGRND	BLCDW	08	51	57.2	+20	17	58				* 07	LWR 9128	L	L	0 290	00	80	297	00	27	G	81/141	B=52
CJ 287	BLCDW	08	51	57.2	+20	17	58	15.0			* 87	LWR 9134	L	L	0 413	00	80	297	22	56	G	81/141	C=190,B=70
SKY BKGD	BLCDW	08	51	57.2	+20	17	56				* 07	SWP 10462	L	L	0 370	00	80	297	23	18	G	81/141	B=75
CJ 287	BLCDW	08	51	57.3	+20	17	58	15.7			* 87	SWP 10817	L	L	0 416	00	80	350	18	55	G	81/203	C=95,B=67
CJ 287	BLCDW	08	51	57.3	+20	17	58	15.7			* 87	LWR 9519	L	L	0 400	00	80	352	19	11	G	81/207	C=170,B=75
HD 76294	MLCDM	08	52	45.0	+ 6	8	13	3.1	E.020	G8	II 45	SWP 8805	L	L	0 400	00	80	112	23	02	G	80/325	E=131,C=75,B=65
HD 76294	MLCDM	08	52	45.0	+ 6	8	13	3.1	0.06	G8	II 45	FES 1256	D	2	160	00	80	113	00	02	G	80/316	
HD 76294	MLCDM	08	52	45.0	+ 6	8	13	3.1	E0.06	G8	II 45	LWR 7582	H	L	0 040	00	80	113	00	29	G	80/325	E=176,C=1.5X,B=41
HD 76294	MLCDM	08	52	45.0	+ 6	8	13	3.1	1.01	G8	II 45	SWP 8806	L	L	0 030	00	80	113	01	20	G	80/325	E=102,C=55,B=30
HD 76536	HSCPC	08	53	18.0	-47	24	03	9.4	E0.45	WC	* 10	SWP 10712	L	L	0 004	00	80	335	10	00	G	81/183	E=192,C=110,B=20
*H 76536	KH422	08	53	18.0	-47	24	00	9.4			* 10	SWP 10087	L	L	0 003	00	80	255	18	04	V	/	342
*H 76536	KH422	08	53	18.0	-47	24	00	9.4			* 10	SWP 10088	H	L	0 225	00	80	255	18	33	V	/	355
*H 76563	UK373	08	53	18.0	-47	24	00	9.4			* 10	SWP 10098	H	L	0 240	00	80	256	18	24	V	/	352
*H 76536	UK373	08	53	18.0	-47	24	00	9.4			* 10	SWP 10113	H	L	0 240	00	80	257	14	57	V	/	452
HD 76536	WRCCW	08	53	18.2	-47	24	03	9.4	E0.43	09	IB 10	SWP 10104	L	L	0 008	20	80	257	03	10	G	81/106	E=140,C=70,B=30,TRLD
HD 76536	WRCCW	08	53	18.2	-47	24	03	9.4	E0.43	09	IB 10	SWP 10105	H	L	0 240	00	80	257	03	53	G	81/106	E=230,C=170,B=80
HD 76536	WRCCW	08	53	18.2	-47	24	03	9.4	E0.43	09	IB 10	LWR 8786	L	L	0 011	54	80	257	08	21	G	81/106	E=2X,C=200,B=25,TRLD
HD 76536	WRCCW	08	53	18.2	-47	24	03	9.4	E0.43	09	IB 10	SWP 10106	L	L	0 011	54	80	257	08	53	G	81/106	E=178,C=85,B=26,TRLD
HD 76536	WRCCW	08	53	18.2	-47	24	03	9.4	E0.43	09	IB 10	LWR 8787	L	L	0 002	58	80	257	09	52	G	81/106	E=150,C=110,B=25,TRL

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 76536	WRCCW	08	53	18.2	-47	24	03	9.4	E0.43	O9	IB	10 SWP 10113	H	L	O 240	00	80	257	14	57	G	81/	103	
IOTA UMA	RPSTE	08	55	47.5	+48	14	21	3.15	E-.03	A7	IV	31 SWP 10284	L	L	O 000	21	80	279	07	57	G	81/	120	E=215,C=210,B=21,TRL
IOTA UMA	RPSTD	08	55	47.5	+48	14	21	3.15	E-.03	A7	IV	31 LWR 8950	L	L	O 000	07	80	279	08	06	G	81/	120	E=210,C=200,B=23,TRL
HD 76932	CCCEE	08	56	23.1	-15	56	27	5.8		F9	V	41 SWP 10931	L	L	O 085	00	80	366	00	29	G	/		C=15X,B=32
HD 76932	CCCEE	08	56	23.1	-15	56	27	5.8		F9	V	41 SWP 10931	L	S	O 085	00	80	366	00	30	G	/		C=15X,B=32
HD 65810	HBCAC	08	57	37.5	-18	15	38	4.6		A3	V	30 SWP 9282	L	S	O 000	09	80	166	17	16	G	81/	008	C=45,B=15
HD 65810	HBCAC	08	57	37.5	-18	15	38	4.6		A3	V	30 SWP 9282	L	L	O 000	19	80	166	17	20	G	81/	008	C=235,B=15
*T PYX	WS322	09	02	37.0	-32	11	00	14.5			*	55 LWR 7724	L	L	O 120	00	80	132	02	08	V	/		332
*T PYX	WS322	09	02	37.0	-32	11	00	14.5			*	55 SWP 8973	L	L	O 215	00	80	132	04	09	V	/		332
HD 78366	CSCAD	09	05	47.2	+34	05	11	5.9	0.60	G0	V	44 LWR 7346	L	S	C 000	49	80	090	18	43	G	80/	325	C=95,B=23
HD 78366	CSCAD	09	05	47.2	+34	05	11	5.9	0.60	G0	V	44 LWR 7346	L	L	O 000	29	80	090	18	46	G	80/	325	E=204,C=155,B=23
HD 78366	CSCAD	09	05	47.2	+34	05	11	5.9	0.60	G0	V	44 LWR 7347	H	L	O 050	00	80	090	19	14	G	80/	325	E=255,C=240,B=42
*I 2448	UK319	09	06	37.0	-69	44	00	9.0			*	70 SWP 10033	L	L	O 015	00	80	250	17	26	V	/		450
*I 2448	UK319	09	06	37.0	-69	44	00	9.0			*	70 LWR 8733	L	L	O 045	00	80	250	17	54	V	/		552
NGC 2808	IGCDY	09	10	00.0	-64	39	0	15.3	0.4	F8	*	83 LWR 7599	L	L	O 030	00	80	115	17	19	G	80/	331	B=35
NGC 2808	IGCDY	09	10	00.0	-64	39	0	15.3	0.4	F8	*	83 LWR 7599	L	S	O 030	00	80	115	17	20	G	80/	331	B=35
HD 79028	CCCLK	09	10	24.6	+61	37	51	5.6		F9	V	41 LWR 8027	L	L	O 001	00	80	165	19	59	G	81/	008	E=255,C=255,B=28
NGC 2667	NPCLA	09	20	00.8	-58	5	57	10.2		0	*	70 SWP 8984	H	L	O 045	00	80	133	17	43	G	81/	002	E=220,B=35
NGC 2867	NPCLA	09	20	00.8	-58	5	57	10.2		0	*	70 LWR 7736	H	L	O 150	00	80	133	18	32	G	81/	002	E=193,B=80
*D+371977	HRDAK	09	21	17.9	+36	55	49	9.2	0.0	B5	*	21 SWP 8823	L	L	O 001	52	80	115	22	55	G	80/	331	C=185-190,B=15,TRAIL
*D+371977	HRDAK	09	21	17.9	+36	55	49	9.2	0.0	B5	*	21 LWR 7601	L	L	O 003	02	80	115	23	10	G	80/	331	C=190,B=31,TRAILED
HD 81797	MLCDM	09	25	08.0	-08	26	27	2.0	E0.02	K4	III	46 LWR 9025	H	L	O 022	00	80	287	23	09	G	81/	128	E=250,C=85,B=30
HD 82210	MLCJL	09	30	06.0	+70	3	6	4.58	0.77	G4	III	45 LWR 7538	L	L	O 002	12	80	108	23	23	G	80/	325	C=255,B=29
HD 82210	MLCJI	09	30	06.0	+70	3	6	4.6	0.77	G4	III	45 LWR 7546	H	L	O 030	00	80	109	21	08	G	80/	330	E=255,C=250,B=58
HD 82210	MLCJI	09	30	06.0	+70	3	6	4.58	0.77	G4	III	45 SWP 8784	L	L	O 030	00	80	110	00	58	G	80/	325	E=85,C=90,B=35

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 82210	MLCJL	09 30 06.0	+70 03 06	4.56	-0.02	G4 III	45	LWR 7550	H L	O	015 00	80 110 01 33	G	80/325	E=171,C=150,B=30
HD 82210	MLCJL	09 30 06.0	+70 3 6	4.6	0.77	G4 III	45	SWP 8792	L L	O	090 00	80 111 13 23	G	80/331	E=192,C=180,B=37
HD 82610	CBCAD	09 30 07.0	-28 24 24	6.4	0.32	FO V	40	SWP 9398	L L	O	120 00	80 181 09 05	G	81/027	C=255,10X,B=28
HD 82610	CBCAD	09 30 07.0	-28 24 24	6.4	0.32	FO V	40	LWR 8148	H L	O	090 00	80 181 11 09	G	81/027	C=255,B=42
HD 82610	CBCAD	09 30 07.0	-28 24 24	6.4	0.32	FO V	40	SWP 9399	L L	O	120 00	80 181 12 43	G	81/027	E=151,C=80,B=27
HD 82610	CBCAD	09 30 07.0	-28 24 24	6.4	0.32	FO V	40	LWR 8149	H L	O	090 00	80 181 14 48	G	81/027	C=3X,B=52
HD 82610	CBCAD	09 30 07.0	-28 24 24	6.4	0.32	FO V	40	SWP 9400	L L	O	120 00	80 181 16 22	G	81/033	E=194,C=97,10X,B=33
HD 82610	CBCAD	09 30 07.0	-28 24 24	6.4	0.32	FO V	40	LWR 8150	H L	O	090 00	80 181 18 26	G	81/033	C=2X,B=47
HD 82610	CBCAD	09 30 07.0	-28 24 24	6.4	0.32	FO V	40	SWP 9401	L L	O	107 00	80 181 20 00	G	81/033	C=65,10X,B=23
HD 83183	BPSTD	09 32 59.5	-59 00 21	4.08	E0.14	B5 II	24	SWP 9512	L L	O	000 00	80 195 14 04	G	81/042	C=245,B=20,TRAILED
HD 83183	BPSTD	09 32 59.5	-59 00 21	4.08	E0.14	B5 III	24	LWR 8238	L L	O	000 00	80 195 14 14	G	81/042	C=215,B=25,TRAILED
*ABELL 33	FBCSE	09 36 38.5	-02 35 04	15.5	-0.16	DO	* 70	SWP 8870	L L	O	040 00	80 121 01 09	G	80/331	C=140,B=17
HD 83808	CBCGM	09 38 29.0	+10 7 15	3.5	E0.45	A2 V	30	LWR 7876	H L	O	004 00	80 148 19 06	G	80/359	C=180,B=30
HD 83808	CBCGM	09 38 29.0	+10 7 15	3.5	E0.45	A2 V	30	SWP 9142	H L	O	006 00	80 148 19 15	G	80/358	C=45,B=20
HD 83808	CBCGM	09 38 29.0	+10 7 15	3.5	E0.45	A2 V	30	LWR 7886	H L	O	004 29	80 150 18 19	G	81/002	C=190,B=30
HD 83808	CBCGM	09 38 29.0	+10 7 15	3.5	E0.45	A2 V	30	SWP 9149	H L	O	026 00	80 150 18 34	G	81/002	C=175,B=30
*H 83950	UK211	09 40 15.0	+56 11 00	08.0		*	44	LWR 7386	L L	O	025 00	80 094 03 42	V	/	771 MICPH NNOISE SAT
*H 83950	UK211	09 40 15.0	+56 11 00	08.0		*	44	SWP 8639	L L	O	025 00	80 094 04 12	V	/	110
*H 83950	UK211	09 40 15.0	+56 11 00	08.0		*	44	LWR 7387	L L	O	020 00	80 094 04 44	V	/	771MICPH NOISE
*H 83950	UK211	09 40 15.0	+56 11 00	08.0		*	44	SWP 8640	L L	O	025 00	80 094 05 11	V	/	210
*H 83950	UK211	09 40 15.0	+56 11 00	08.0		*	44	LWR 7388	L L	O	020 00	80 094 05 39	V	/	771 MICPH NOISE
*H 83950	UK211	09 40 15.0	+56 11 00	08.6		*	44	SWP 8641	L L	O	020 00	80 094 06 06	V	/	110
*H 83950	UK211	09 40 15.0	+56 11 00	08.3		*	44	SWP 8642	L L	O	020 00	80 094 07 07	V	/	110
*H 83950	UK211	09 40 15.0	+56 11 00	08.2		*	44	LWR 7390	L L	O	020 00	80 094 07 34	V	/	661 MICPH NOISE
*H 83950	UK211	09 40 15.0	+56 11 00	08.1		*	44	SWP 8643	L L	O	020 00	80 094 08 04	V	/	110

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*H	83950	UK211	09	40	15.0	+56	11	00	08.1			* 8	LWR 7391	L	L	0 020	00	80	094	08	31	V	/		771
*H	83950	UK211	09	40	15.0	+56	11	00	08.1			* 44	SWP 8644	L	L	0 020	00	80	094	09	01	V	/		110
*H	83950	UK211	09	40	15.0	+56	11	00	08.2			* 44	LWR 7392	L	L	0 020	00	80	094	09	26	V	/		772 MICPH NOISE
*H	83950	UK211	09	40	15.0	+56	11	00	08.3			* 44	LWR 7392	L	L	0 012	00	80	094	09	51	V	/		542
*H	83950	UK211	09	40	15.0	+56	11	00	08.1			* 44	LWR 7397	L	L	0 005	00	80	095	03	29	V	/		451 MICPH NOISE
*H	83950	UK211	09	40	15.0	+56	11	00	08.2			* 44	SWP 8653	L	L	0 140	00	80	095	03	39	V	/		331
*H	83950	UK211	09	40	15.0	+56	11	00	08.0			* 44	LWR 7398	L	L	0 005	00	80	095	04	08	V	/		551 MICPH NOISE
*H	83950	UK211	09	40	15.0	+56	11	00	08.0			* 44	LWR 7399	L	L	0 005	00	80	095	04	47	V	/		441 MICPH NOISE
*H	83950	UK211	09	40	15.0	+56	11	00	08.1			* 44	LWR 7400	L	L	0 005	00	80	095	05	26	V	/		441
*H	83950	UK211	09	40	15.0	+56	11	00	08.5			* 44	LWR 7401	L	L	0 007	00	80	095	06	02	V	/		441 MICPH NOISE
*H	83950	UK211	09	40	15.0	+56	11	00	08.7			* 44	LWR 7402	L	L	0 010	00	80	095	06	41	V	/		451 MICPH NOISE
*H	83950	UK211	09	40	15.0	+56	11	00	08.2			* 44	LWR 7403	L	L	0 007	00	80	095	07	23	V	/		661 MICPH NOISE
*H	83950	UK211	09	40	15.0	+56	11	00	08.1			* 44	SWP 8654	L	L	0 085	00	80	095	07	48	V	/		221
*H	83950	UK211	09	40	15.0	+56	11	00	08.0			* 44	LWR 7404	L	L	0 006	00	80	095	08	29	V	/		661 MICPH NOISE
*H	83950	UK211	09	40	15.0	+56	11	00	08.1			* 44	LWR 7405	L	L	0 005	00	80	095	09	07	V	/		451
*H	83950	UK211	09	40	15.0	+56	11	00	08.5			* 44	LWR 7406	L	L	0 007	00	80	095	10	09	V	/		451
*H	83950	OUK21	09	40	15.0	+56	11	00	08.7			* 44	LWR 7389	L	L	0 002	00	80	094	06	31	V	/		1771 MICPH NOISE
HD	83950	CECAD	09	40	15.3	+56	10	55	7.9		F8	V 41	SWP 10233	L	L	0 180	00	80	271	12	46	G	81/118		E=124,C=142,B=70
NGC	2992	QSCAW	09	43	18.0	-14	06	00	13.3			* 84	LWR 9550	L	L	0 065	00	80	357	00	45	G	/		B=32
HD	84810	DCCES	09	43	52.4	-62	16	37	3.5	E0.27	F6	IB 53	LWR 9146	H	L	0 035	00	80	300	02	39	G	81/142		E=260,C=270,B=33
HD	84810	DCCES	09	43	52.4	-62	16	37	3.5	E0.27	F6	IB 53	SWP 10477	L	L	0 020	00	80	300	03	18	G	81/142		E=57,C=100,B=25
HD	84810	DCCES	09	43	52.4	-62	16	37	3.5	E0.27	F6	IB 53	LWR 9147	L	L	0 015	00	80	300	03	47	G	81/147		C=10X,B=37
HD	84810	DCCES	09	43	52.4	-62	16	37	3.5	E0.27	F6	IB 53	LWR 9147	L	S	0 006	00	80	300	04	08	G	81/147		C=2X,B=37
HD	84810	DCCES	09	43	52.4	-62	16	37	3.4	E0.27	F6	IB 53	LWR 9158	H	L	0 025	00	80	301	08	43	G	81/147		E=139,C=240,B=44
HD	84810	DCCES	09	43	52.4	-62	16	37	3.4	E0.27	F6	IB 53	SWP 10486	L	L	0 020	00	80	301	09	15	G	81/147		E=58,C=118,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 84810	DCCES	09	43	52.4	-62	16	37	3.4	E0.27	F6	IB 53	LWR 9159	L	S	O 005	29	80	301	09	46	G	81/147		C=3X,B=40
HD 84810	DCCES	09	43	52.4	-62	16	37	3.4	E0.27	F6	IB 53	LWR 9159	L	L	O 014	00	80	301	09	58	G	81/147		B=40
HD 84810	DCCES	09	43	52.4	-62	16	37	3.4	E0.27	F5	IB 53	LWR 9168	H	L	O 027	00	80	302	04	09	G	81/142		E=223,C=245,B=30
HD 84810	DCCES	09	43	52.4	-62	16	37	3.4	E0.27	F5	IB 53	SWP 10490	L	L	O 060	00	80	302	04	40	G	81/142		E=155,C=220,B=44
HD 84810	DCCES	09	43	52.4	-62	16	37	3.4	E0.27	F5	IB 53	LWR 9169	L	S	O 005	09	80	302	05	45	G	81/142		C=2X,B=34
HD 84810	DCCES	09	43	52.4	-62	16	37	3.4	E0.27	F5	IB 53	LWR 9169	L	L	O 012	00	80	302	05	54	G	81/142		C=8-10X,B=34
HD 84810	DCCES	09	43	52.4	-62	16	37	3.4	E0.27	F5	IB 53	SWP 10492	L	L	O 050	00	80	302	12	57	G	81/147		E=132,C=160,B=30
HD 84810	DCCES	09	43	52.4	-62	16	37	3.7	E0.27	F6	IB 53	LWR 9186	H	L	O 030	00	80	303	22	38	G	81/152		E=201,B=¬225,B=30
HD 84810	DCCES	09	43	52.4	-62	16	37	3.7	E0.27	F6	IB 53	SWP 10502	L	L	O 110	00	80	303	23	15	G	81/152		E=221,C=231,B=41
HD 84810	DCCES	09	43	52.4	-62	16	37	3.5	E0.27	F7	IB 53	SWP 10513	L	L	O 060	00	80	305	07	49	G	81/152		E=159,C=95,B=35
HD 84810	DCCES	09	43	52.4	-62	16	37	3.7	E0.27	F8	IB 53	SWP 10515	L	L	O 053	00	80	305	12	14	G	81/152		E=134,C=82,B=30
HD 84810	DCCES	09	43	52.4	-62	16	37	3.7	E0.27	F8	IB 53	LWR 9203	H	L	O 032	00	80	305	12	48	G	81/152		E=178,C=240,B=34
*3C 227	UK370	09	45	06.0	+07	39	00	15.8			* 86	SWP 9292	L	L	O 170	00	80	167	02	58	V	/		UUI
*H 237844	UK330	09	48	31.0	+55	57	00	9.0			* 21	LWR 8878	L	L	O 002	00	80	267	23	09	V	/		601
*H 237844	UK330	09	48	31.0	+55	57	00	9.4			* 21	LWR 8891	L	L	O 002	00	80	269	23	21	V	/		501
*H 237844	UK330	09	48	31.0	+55	57	00	9.4			* 21	LWR 8897	L	L	O 002	00	80	270	23	15	V	/		501
*H 85504	PB404	09	49	38.0	+02	41	00	6.0			* 32	LWR 7468	L	L	O 000	30	80	101	02	22	V	/		702
*H 85504	PB404	09	49	38.0	+02	41	00	6.0			* 32	LWR 7468	L	S	O 000	30	80	101	02	25	V	/		502
*H 85504	PB404	09	49	38.0	+02	41	00	6.0			* 32	SWP 8718	L	L	O 000	30	80	101	02	28	V	/		501
*H 85504	PB404	09	49	38.0	+02	41	00	6.0			* 32	SWP 8718	L	S	O 000	10	80	101	02	31	V	/		301
C/ENCKE	SCCPF	09	50	06.0	+58	55	30	8.7	E0.0		* 06	LWR 9135	L	L	O 060	00	80	298	07	25	G	81/152		E=130,B=30
C/ENCKE	SCCPF	09	51	15.6	+58	53	14	8.7	E0.0		* 06	FES 1270	D	2	010	00	80	298	17	40	G	81/147		NONE
C/ENCKE	SCCPF	09	51	16.0	+58	53	14	8.7	E0.0		* 06	FES 1269	S	2	010	00	80	298	07	04	G	81/147		NONE
*N 3031	UK324	09	51	30.0	+69	11	00	11.0			* 80	LWR 10588	L	L	O 165	00	80	316	13	01	V	/		001
C/ENCKE	SCCPF	09	52	22.0	+58	50	50	8.7	E0.0		* 06	SWP 10463	L	L	O 060	00	80	298	08	45	G	81/183		E=2-3X,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
C/ENCKE	SCCPE	09 54 00.0	+58 46 00	8.7	E0.0		* 06	FES 1271	D 2		010 00	80 298 09 25	G	81/147	NONE
C/ENCKE	SCCPF	09 54 28.0	+58 45 18	8.7	E0.0		* 06	SWP 10464	L L	O	020 00	80 298 10 25	G	81/183	E=51,B=20
HD 86440	RPSTD	09 55 06.1	-54 19 44	3.54	E0.00	B5	IB 24	SWP 9513	L L	O	000 00	80 195 15 11	G	81/042	E=230,C=205,B=20,TRA
HD 86440	RPSTD	09 55 06.1	-54 19 44	3.54	E0.00	B5	IB 24	LWR 8239	L L	O	000 00	80 195 15 20	G	81/042	C=220,B=25,TRAILED
*3C 232	UK242	09 55 25.0	+32 38 00	15.8			* 85	SWP 8825	L L	O	397 00	80 116 02 58	V	/	343
C/ENCKE	SCCPE	09 55 30.0	+58 41 59	8.7	E0.0		* 06	SWP 10465	L L	O	020 00	80 298 11 17	G	81/183	E=191,B=25
*27 LEC	HSCBW	09 55 32.1	+12 41 3	5.2	-0.04	B9	V 22	SWP 9037	L S	O	000 29	80 139 16 39	G	80/353	C=255,B=18
*27 LEC	HSCBW	09 55 32.1	+12 41 3	5.2	-0.04	B9	V 22	SWP 9037	L L	O	000 09	80 139 16 42	G	80/353	C=178,B=18
*27 LEC	HSCBW	09 55 32.1	+12 41 3	5.2	-0.04	B9	V 22	LWR 7791	L S	O	000 29	80 139 16 46	G	80/353	E=255,C=255,B=30
*27 LEC	HSCBW	09 55 32.1	+12 41 3	5.2	-0.04	B9	V 22	LWR 7791	L L	O	000 07	80 139 16 50	G	80/353	E=255,C=230,B=30
*27 LEC	HSCBW	09 55 32.1	+12 41 3	5.2	-0.04	B9	V 22	SWP 9038	H L	O	013 19	80 139 17 17	G	80/358	E=255,C=235,B=50
HD 86360	HSCBW	09 55 32.1	+12 41 03	5.26	-0.04	B9	V 22	SWP 9039	L S	O	000 29	80 139 18 05	G	80/358	C=255,B=25
HD 86360	HSCBW	09 55 32.1	+12 41 03	5.26	-0.04	B9	V 22	SWP 9039	L L	O	000 37	80 139 18 10	G	80/358	C=210,B=25,TRAILED
*NGC 3081	UK264	09 57 10.0	-22 35 00	12.8			* 88	SWP 8623	L L	O	090 00	80 092 04 07	V	/	112REF PT CHK -16,-2
*NGC 3081	UK264	09 57 10.0	-22 35 00	12.8			* 88	LWR 7370	L L	O	090 00	80 092 05 42	V	/	225
*NGC 3081	UK264	09 57 10.0	-22 35 00	12.8			* 88	SWP 8624	L L	O	182 00	80 092 07 15	V	/	122
*Q0957+56	UK330	09 57 57.0	+56 08 00	16.5			* 85	LWR 8877	L L	O	350 00	80 267 16 45	V	/	348
*Q0957+56	UK330	09 57 57.0	+56 08 00	16.5			* 85	LWR 8890	L L	O	340 00	80 269 17 06	V	/	336
*Q0957+56	UK330	09 57 57.0	+56 08 00	16.5			* 85	LWR 8896	L L	O	310 00	80 270 17 34	V	/	340
*N 3115	HN405	10 02 44.0	-07 28 00	10.7			* 81	LWR 7488	L L	O	410 00	80 103 02 45	V	/	409
*N 3115	HN405	10 02 44.0	-07 28 00	10.7			* 81	SWP 8733	L L	O	395 00	80 103 02 47	V	/	005
NGC 3115	EGCJC	10 02 44.4	-07 28 32	11.1		K5	III 80	SWP 10673	L L	O	310 00	80 330 02 21	G	81/183	C=98,B=71
NGC 3115	EGCJC	10 02 44.4	-07 28 32	11.1		K5	III 80	LWR 9383	L L	O	246 00	80 330 07 40	G	81/183	C=160,B=84
HD 87643	IECBS	10 02 46.3	-58 25 32	8.5		B0	* 26	LWR 8035	L L	O	030 00	80 166 18 33	G	81/012	C=2-3X,B=130
*H 87643	OP39C	10 02 50.0	-58 25 00	8.6			* 26	SWP 9166	H L	O	345 00	80 153 01 24	V	/	303

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
4C13.41	CD25B	10	04	45.0	+13	03	37	15.1			*	85	SWP 10850	L	L	0 032	00	80	356	01	17	G	/		C=40,B=18
* ALF LEC	HSCBW	10	05	42.5	+12	12	44	1.36	-0.12	B7	V	22	SWP 8647	L	S	0 000	00	80	094	21	02	G	80/330		C=185,B=21
* ALF LEC	HSCBW	10	05	42.5	+12	12	44	1.36	-0.12	B7	V	22	SWP 8647	L	L	0 000	00	80	094	21	09	G	80/330		C=220,B=21,TRAILED
* ALF LEC	HSCBW	10	05	42.5	+12	12	44	1.36	-0.12	B7	V	22	LWR 7395	L	S	0 000	00	80	094	21	43	G	80/330		C=1.5X,B=37
* ALF LEC	HSCBW	10	05	42.5	+12	12	44	1.36	-0.12	B7	V	22	LWR 7395	L	L	0 000	00	80	094	21	50	G	80/330		C=210,B=37,TRAILED
* ALF LEC	HSCBW	10	05	42.5	+12	12	44	1.36	-0.12	B7	V	22	SWP 8648	H	L	0 000	12	80	094	22	23	G	80/330		C=230,B=37
* ALF LEC	HSCBW	10	05	42.5	+12	12	44	1.36	-0.12	B7	V	22	SWP 8649	H	S	0 000	25	80	094	22	53	G	80/345		C=265,B=42
*ALFA LEC	SJCJT	10	05	42.6	+12	12	43	1.35	E0.01	B7	V	22	LWR 7938	L	L	0 000	00	80	154	21	38	G	81/027		C=240,B=25,TRAILED
HD 87901	BECAS	10	05	42.7	+12	12	44	1.4		B7	V	22	LWR 9061	H	S	0 000	15	80	290	13	09	G	81/141		C=175,B=31
HD 87901	BECAS	10	05	42.7	+12	12	44	1.4		B7	V	22	SWP 10379	H	S	0 000	25	80	290	13	17	G	81/141		C=195,B=42
HD 88500	HSCPC	10	08	52.8	-60	23	57	11.1	E0.34	WC	*	10	SWP 10713	L	L	0 008	00	80	335	10	36	G	81/183		C=2-3X,C=180,B=30
HD 88500	HSCPC	10	08	52.8	-60	23	57	11.1	E0.34	O2	*	10	SWP 10756	L	L	0 006	00	80	340	06	08	G	81/184		E=255,2X,C=110,B=17
HD 88500	HSCPC	10	08	52.8	-60	23	57	11.1	E0.34	O2	*	10	LWR 9436	L	L	0 005	00	80	340	06	18	G	81/184		E=255,2X,C=180,B=25
HD 88661	BEBGF	10	10	01.7	-57	48	48	5.7	E0.20	B0	IV	26	SWP 8618	H	L	0 004	45	80	091	18	08	G	80/325		C=240,B=40
HD 89137	HSCLC	10	13	43.0	-51	00	27	7.6	E0.40	O9	V	12	LWR 8090	L	L	0 000	39	80	172	20	14	G	81/028		C=1.5-2X,B=28
HD 89137	HSCLC	10	13	43.0	-51	00	27	7.6	E0.40	O9	V	12	SWP 9331	L	L	0 001	00	80	172	20	19	G	81/028		C=2-2.5X,B=15
HD 89358	MLCHJ	10	15	14.9	-57	39	46	11.0	0.82	O5	V	12	LWR 7615	L	L	0 060	00	80	117	16	10	G	80/335		E=4X,B=40
HD 89358	MLCHJ	10	15	14.9	-57	39	46	11.0	0.82	O5	V	12	LWR 7615	L	S	C 030	00	80	117	17	16	G	80/335		E=210,C=120,B=40
HD 89358	MLCHJ	10	15	14.9	-57	39	46	11.0	E0.82	O5	V	12	SWP 8842	L	S	0 030	00	80	118	21	19	G	80/331		E=200,C=95,B=75
HD 89358	MLCHJ	10	15	14.9	-57	39	46	11.0	E0.82	O5	V	12	SWP 8842	L	L	0 120	00	80	118	21	53	G	80/331		E=200,C=95,B=75
HD 89358	HSCPC	10	15	16.0	-57	39	46	11.2	E0.84	WN	*	11	SWP 10714	L	L	0 031	00	80	335	11	19	G	81/183		E=2-3X,C=115,B=32
HD 89358	WRCWR	10	15	16.9	-57	39	57	11.2	E0.82	WN5	*	11	SWP 9185	L	L	0 051	00	80	155	14	30	G	81/001		E=2-5X,C=160,B=80
HD 89358	WRCWR	10	15	16.9	-57	39	57	11.2	E0.82	WN5	*	11	LWR 7942	L	L	0 060	00	80	155	15	28	G	81/001		E=3X,C=2-3X,B=90
*H 89358	UK307	10	15	17.0	-57	40	00	11.2			*	11	LWR 7789	L	L	0 030	00	80	139	05	48	V	/		564
*H 89358	UK307	10	15	17.0	-57	40	00	11.2			*	11	SWP 9033	L	L	0 024	00	80	139	06	22	V	/		371

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*SKY BKGD	QSBAE	10	17	10.1	+19	43	31				*	07	LWR 7517	L	L	O	300	00	80	107	12	25	G	80/325		C=160,B=82
HD 89688	EGCTI	10	18	27.0	+02	32	30	6.5		B3	V	21	SWP 10472	H	L	O	007	00	80	299	11	03	G	81/155		C=115,B=35
HD 89688	EGCTI	10	18	27.0	+02	32	30	6.5		B3	V	21	LWR 9140	H	L	O	007	00	80	299	11	13	G	81/155		C=185,B=40
*T0109-38	MP397	10	19	19.0	-38	21	00	13.7			*	84	LWR 8146	L	L	O	180	00	80	180	22	32	V	/		225
HD 89758	CSCRW	10	19	21.5	+41	45	06	3.0		M0	III	49	SWP 10900	L	L	O	090	00	80	362	01	21	G	/		B=92,C=62,B=21
NGC 3227	QSBAB	10	20	46.7	+20	07	07	14.0			*	84	SWP 8772	L	L	O	400	00	80	107	11	08	G	80/328		C=170,B=115
NGC 3227	QSBAB	10	20	46.7	+20	07	07	14.0			*	84	SWP 8772	L	S	O	400	00	80	107	11	09	G	80/328		B=202,B=115
HD 90177	IECBS	10	21	07.2	-59	22	16	08.9		B2	*	26	LWR 8248	L	S	O	001	00	80	196	19	04	G	81/042		C=60,B=22
HD 90177	IECBS	10	21	07.2	-59	22	16	08.9		B2	*	26	LWR 8248	L	L	O	001	00	80	196	19	09	G	81/042		C=80,B=22
HD 90177	IECBS	10	21	07.2	-59	22	16	08.9		B2	*	26	SWP 9524	L	S	O	003	00	80	196	19	14	G	81/042		C=34,B=18
HD 90177	IECBS	10	21	07.2	-59	22	16	08.9		B2	*	26	SWP 9524	L	L	O	002	00	80	196	19	21	G	81/042		C=32,B=18
NGC 3242	FECSE	10	22	24.0	-18	23	00	12.0		O5	*	70	SWP 10736	L	L	O	002	29	80	338	06	44	G	81/183		E=134,C=106,B=18
NGC 3242	FBCSE	10	22	24.0	-18	23	00	12.0		O5	*	70	SWP 10822	H	L	O	105	00	80	352	00	07	G	81/203		E=50X,C=105,B=40
*H 96599	UK307	10	24	18.0	-05	08	00	09.4			*	26	LWR 7790	L	L	O	005	30	80	139	07	03	V	/		703
*H 90657	UK307	10	24	42.0	-58	23	00	09.8			*	11	SWP 9034	L	L	O	005	00	80	139	07	31	V	/		341
*E 90651	UK328	10	24	42.0	-58	08	00	9.8			*	14	LWR 8384	L	L	O	008	00	80	211	20	11	V	/		662
HD 90706	HSCSP	10	25	03.6	-57	21	06	7.1		B3	IA	23	SWP 10350	L	L	O	002	09	80	286	13	31	G	81/131		C=110,B=20
HD 90853	MLCSL	10	26	02.3	-58	29	01	4.1	0.32	F0	IB	40	LWR 9247	H	L	O	022	00	80	311	11	27	G	81/161		C=11.5X,B=40
*000GL394	CCCMG	10	27	14.0	+56	15	24	8.7		K7	V	46	LWR 8250	L	L	O	030	00	80	197	04	48	G	81/042		E=138,C=65,B=27
HD 90994	HWDAK	10	27	44.0	-00	22	48	5.0	-0.14	B6	V	22	SWP 9219	L	L	O	000	07	80	159	14	43	G	81/014		C=165,B=15,TRAILED
HD 90994	HWDAK	10	27	44.0	-00	22	48	5.0	-0.14	B6	V	22	LWR 7975	L	L	O	000	06	80	159	14	52	G	81/009		C=185,B=25,TRAILED
HD 90994	HWDAK	10	27	44.0	-00	22	48	5.0	-0.14	B6	V	22	SWP 9220	H	L	O	002	40	80	159	15	48	G	81/009		C=155,180,B=35
HD 90994	HWDAK	10	27	44.0	-00	22	48	5.0	-0.14	B6	V	22	LWR 7976	H	L	O	001	55	80	159	15	54	G	81/014		C=190,B=30
HARC 2	EGCTI	10	29	22.5	+54	39	30	13.2			*	88	SWP 10471	L	L	O	215	00	80	299	06	14	G	81/152		E=3-5X,C=215,B=120
* RHO LEC	HSCBW	10	30	10.7	+09	33	51	3.85	E0.08	B1	IB	23	SWP 8650	L	S	O	000	01	80	094	23	39	G	80/332		C=230,B=16

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*	RHO LEC	HSCBW	10	30	10.7	+09	33	51	3.85	E0.08	B1	IB	23 SWP 8650	L	L	0 000	01	80	094	23	43	G	80/	332	C=240,B=16
*	RHO LEC	HSCBW	10	30	10.7	+09	33	51	3.85	E0.08	B1	IB	23 SWP 8651	H	L	0 000	49	80	095	00	10	G	80/	345	C=260,B=39
*	RHO LEC	HSCBW	10	30	10.7	+09	33	51	3.85	E0.08	B1	IB	23 LWR 7396	L	S	0 000	02	80	095	00	42	G	80/	332	C=2X,B=27
*	RHO LEC	HSCBW	10	30	10.7	+09	33	51	3.85	E0.08	B1	IB	23 LWR 7396	L	L	0 000	00	80	095	00	45	G	80/	332	C=200,B=27
*	RHO LEC	HSCBW	10	30	10.7	+09	33	51	3.85	E0.08	B1	IB	23 SWP 8652	L	S	0 000	03	80	095	00	50	G	80/	330	C=¬2X,B=20
*	RHO LEC	HSCBW	10	30	10.7	+09	33	51	3.85	E0.08	B1	IB	23 SWP 8652	L	L	0 000	03	80	095	00	56	G	80/	330	C=270,B=20,TRAILED
HD	91943	HSCSE	10	33	47.3	-57	56	00	6.7		B0	IB	23 SWP 10349	L	L	0 000	08	80	286	13	04	G	81/	131	C=120,B=15
HD	91969	HSCSE	10	33	54.6	-57	57	54	6.5		B0	II	23 SWP 10347	L	L	0 000	06	80	286	12	07	G	81/	131	C=203,B=25
HD	91969	IGCPB	10	33	54.6	-57	57	54	6.51	E0.28	B0	IB	23 SWP 9076	H	S	0 020	00	80	143	21	05	G	80/	358	C=240,B=42
HD	92207	MLCNM	10	35	32.3	-58	28	24	5.47		A0	IA	32 LWR 9012	H	S	0 050	00	80	287	02	37	G	81/	128	C=230,B=40
HD	92741	HSCSE	10	39	17.9	-59	42	43	7.2		B1	II	23 SWP 10348	L	L	0 000	20	80	286	12	36	G	81/	131	C=260,B=20
HD	92964	HSCSE	10	40	44.2	-58	57	12	5.4		B2	IA	23 SWP 10346	L	L	0 000	19	80	286	11	38	G	81/	131	C=200,B=18
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 LWR 9074	H	L	0 000	04	80	291	22	42	G	81/	140	C=150,B=30
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 SWP 10392	H	L	0 000	04	80	291	22	48	G	81/	140	C=190,B=30
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 LWR 9075	H	L	0 000	06	80	291	23	38	G	81/	140	C=240,B=35
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 SWP 10393	H	L	0 000	04	80	291	23	42	G	81/	140	C=190,B=32
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 LWR 9076	H	L	0 000	06	80	292	00	29	G	81/	140	C=225,B=33
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 SWP 10394	H	L	0 000	04	80	292	00	32	G	81/	140	C=195,B=30
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 LWR 9077	H	L	0 000	06	80	292	01	18	G	81/	140	C=230,B=32
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 SWP 10395	H	L	0 000	04	80	292	01	22	G	81/	140	C=195,B=32
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 LWR 9078	H	L	0 000	06	80	292	02	16	G	81/	140	C=220,B=32
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 SWP 10396	H	L	0 000	04	80	292	02	20	G	81/	140	C=195,B=30
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 LWR 9079	H	L	0 000	06	80	292	03	06	G	81/	140	C=235,B=32
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 SWP 10397	H	L	0 000	04	80	292	03	10	G	81/	140	C=200,B=32
HD	93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 LWR 9080	H	L	0 000	06	80	292	03	56	G	81/	140	C=232,B=34

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 SWP 10398	H	L	0 000	04	80	292	03	59	G	81/140	C=200,B=30
HD 93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 LWR 9081	H	L	0 000	06	80	292	04	45	G	81/140	C=230,B=35
HD 93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 SWP 10399	H	L	0 000	04	80	292	04	48	G	81/140	C=195,B=34
HD 93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 SWP 10400	H	L	0 000	04	80	292	05	34	G	81/140	C=235,B=35
HD 93030	HRDAK	10	41	10.0	-64	08	00	2.6		O9	V	12 LWR 9082	H	L	0 000	06	80	292	05	38	G	81/140	C=170,B=32
HD 93129	IGCAU	10	42	00.9	-59	17	5	7.0	E0.54	O3	IB	15 SWP 9014	H	S	0 088	00	80	137	08	29	G	80/357	E=1.5X,C=220,2X,B=50
HARO 3	EGCTT	10	42	16.4	+56	13	20	12			*	88 SWP 10483	L	L	0 240	00	80	300	22	37	G	81/183	E=129,C=120,B=80
TX UMA	CBCGM	10	42	24.3	+45	49	45	7.06		B8	*	22 LWR 9596	H	L	0 022	00	80	363	22	28	G	/	C=230,B=35
TX UMA	CECGM	10	42	24.3	+45	49	45	7.06		B8	*	22 SWP 10913	H	L	0 034	00	80	363	23	14	G	/	C=230,B=40
HD 93033	CECGM	10	42	24.4	+45	49	46	7.1	E0.10	B8	V	22 LWR 7872	H	L	0 025	00	80	148	13	42	G	81/002	C=230,B=40
HD 93033	CBCGM	10	42	24.4	+45	49	46	7.1	E0.10	B8	V	22 SWP 9143	H	L	0 038	00	80	148	20	23	G	80/358	C=240,B=46
TX UMA	CECGP	10	42	24.4	+45	49	46	6.9	E0.05	B8	V	25 SWP 10238	H	L	0 045	00	80	272	08	36	G	81/118	C=270,B=57
TX UMA	CBCGP	10	42	24.4	+45	49	46	6.9	E0.05	B8	V	25 LWR 8903	H	L	0 030	00	80	272	09	25	G	81/117	C=260,B=43
HD 93206	IGCAU	10	42	27.1	-59	43	50	6.2	E0.40	O9	IB	15 SWP 9016	H	S	0 056	00	80	137	13	03	G	80/351	C=2X,3X,B=65,3X
HD 93206	IGCAU	10	42	27.1	-59	43	50	6.2	E0.40	O9	IB	15 SWP 9018	H	S	0 025	00	80	137	16	10	G	80/351	E=255,C=255,B=70
HD 93205	CBCSB	10	42	37.3	-59	28	27	7.8	0.0	O3	V	12 SWP 9618	H	S	0 040	00	80	210	13	12	G	81/058	C=200,B=45
HD 93205	CBCSB	10	42	37.3	-59	28	27	7.8	E0.0	O3	V	12 SWP 9635	H	S	C 040	00	80	211	19	08	G	81/058	C=170,B=38
HD 93205	CBCSB	10	42	37.3	-59	28	28	7.8		O3	V	12 SWP 9655	H	S	0 030	00	80	213	18	27	G	81/064	C=130,B=35
HD 93205	CBCSB	10	42	37.3	-59	28	27	7.8		O3	V	12 SWP 9672	H	S	0 050	00	80	215	12	47	G	81/062	C=220,B=70
HD 93205	CBCSB	10	42	37.3	-59	28	28	7.8	E0.0	O3	V	12 SWP 9738	H	S	0 050	00	80	221	15	06	G	81/078	C=255,B=88
HD 93205	IGCAU	10	42	37.3	-59	28	27	7.75	E0.37	O3	V	12 SWP 9017	H	S	0 040	00	80	137	14	57	G	80/351	C=180,220,B=57
HD 303308	IGCAU	10	43	20.5	-59	24	09	8.17	E0.45	O3	V	12 SWP 9015	H	S	0 120	00	80	137	10	28	G	80/351	C=180,235,B=55
HD 93403	HSCAU	10	43	46.6	-59	08	39	7.28	E0.53	O5	III	12 SWP 8690	L	L	0 001	14	80	098	10	58	G	80/328	E=200,C=205,B=18
HD 93403	HSCAU	10	43	46.6	-59	08	40	7.28	E0.53	O5	III	12 LWR 7439	L	L	0 000	36	80	098	11	06	G	80/328	C=220,B=25
HD 93403	IGCFB	10	43	46.6	-59	08	39	7.28	+0.21	O5	III	13 SWP 9075	H	S	0 060	00	80	143	19	36	G	80/358	C=200,B=58

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 93403	CBCSB	10	43	46.7	-59	08	39	7.3		05	III	12 SWP 9673	H	S	0	070	00	80	215	14	14	G	81/064	C=256,B=90
HD 93403	CBCSB	10	43	46.7	-59	08	39	7.3	E0.0	05	III	12 SWP 9739	H	S	0	060	00	80	221	16	26	G	81/078	C=235,B=85
HD 93521	PHCAL	10	45	33.6	+37	50	4	7.0	-0.28	09	V	12 SWP 8994	L	S	0	000	09	80	135	18	14	G	80/344	C=255,B=12
HD 93521	PHCAL	10	45	33.6	+37	50	4	7.0	-0.28	09	V	12 SWP 8994	L	L	0	000	02	80	135	18	19	G	80/344	C=200,B=12
HD 93521	PHCAL	10	45	33.6	+37	50	4	7.0	-0.28	09	V	12 SWP 8995	L	L	0	000	05	80	135	18	51	G	80/345	C=197,B=12
HD 93521	PHCAL	10	45	33.6	+37	50	4	7.0	-0.28	09	V	12 SWP 8996	L	L	0	000	02	80	135	19	34	G	80/345	C=193,B=12
HD 93521	PHCAL	10	45	33.6	+37	50	4	7.0	-0.28	09	V	12 LWR 7753	L	S	0	000	09	80	135	19	38	G	80/344	C=255,B=23
HD 93521	PHCAL	10	45	33.6	+37	50	4	7.0	-0.28	09	V	12 LWR 7753	L	L	0	000	02	80	135	19	41	G	80/344	C=192,B=23
HD 93521	PHCAL	10	45	33.6	+37	50	4	7.0	-0.28	09	V	12 LWR 7754	L	L	0	000	00	80	135	20	30	G	80/345	C=193,B=25
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.0	E0.03	09	V	12 SWP 9096	L	L	0	000	02	80	145	06	40	V	81/120	
HD 93521	PHCAL	10	45	33.6	+37	50	04	7	E0.03	09	V	12 SWP 9096	L	S	0	000	05	80	145	06	42	V	81/120	
HD 93521	PHCAL	10	45	33.6	+37	50	04	7	E0.03	09	V	12 LWR 7843	L	L	0	000	02	80	145	06	45	V	81/120	
HD 93521	PHCAL	10	45	33.6	+37	50	04	7	E0.03	09	V	12 LWR 7843	L	S	0	000	05	80	145	06	47	V	81/120	
HD 93521	PHCAL	10	45	33.6	+37	50	04	7	E0.03	09	V	12 SWP 9097	H	L	0	005	00	80	145	07	10	V	81/117	
HD 93521	PHCAL	10	45	33.6	+37	50	04	7	E0.03	09	V	12 LWR 7844	L	L	0	003	09	80	145	07	33	V	81/125	
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.0	-0.28	09	V	12 LWR 8056	L	S	0	000	08	80	168	19	18	G	81/012	C=225,B=25
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.0	-0.28	09	V	12 LWR 8056	L	L	0	000	02	80	168	19	22	G	81/012	C=170,B=25
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.0	-0.28	09	V	12 SWP 9297	L	S	0	000	08	80	168	19	26	G	81/014	C=265,B=15
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.0	-0.28	09	V	12 SWP 9297	L	L	0	000	02	80	168	19	31	G	81/014	C=180,B=15
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.04	E0.03	09	V	12 SWP 9425	L	L	0	000	02	80	185	00	45	V	81/120	
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.04	E0.03	09	V	12 LWR 8165	L	L	0	000	02	80	185	00	48	V	81/120	
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.04	E0.03	09	V	12 SWP 9426	H	L	0	005	00	80	185	01	12	V	81/119	
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.04	E0.03	09	V	12 LWR 8166	H	L	0	005	00	80	185	01	40	V	81/119	
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.0	E0.03	09	V	12 SWP 10571	L	S	0	000	08	80	314	11	28	G	81/188	C=225,B=20
HD 93521	PHCAL	10	45	33.6	+37	50	04	7.0	E0.03	09	V	12 SWP 10571	L	L	0	000	02	80	314	11	32	G	81/188	C=160,B=20

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 93521	PHCAL	10 45 33.6	+37 50 04	7.0	E0.03	O9 V	12	LWR 9264	L L	O	000 02	80 314 11 35	G	81/156	C=145,B=23
HD 93521	PHCAL	10 45 33.6	+37 50 04	7.0	E0.03	O9 V	12	LWR 9264	L S	O	000 09	80 314 11 39	G	81/156	C=190,B=23
HD 93521	PHCAL	10 45 33.9	+37 50 03	7.0		O9 V	12	SWP 10618	L L	O	000 12	80 323 03 07	G	81/173	C=145,B=22
*H 93521	PHCAL	10 45 34.0	+37 50 00	06.9		*	12	SWP 9096	L L	O	000 03	80 145 06 39	V	/	501
*H 93521	PHCAL	10 45 34.0	+37 50 00	06.9		*	12	SWP 9096	L S	O	000 06	80 145 06 42	V	/	501
*H 93521	PHCAL	10 45 34.0	+37 50 00	06.9		*	12	LWR 7843	L L	O	000 03	80 145 06 45	V	/	502
*H 93521	PHCAL	10 45 34.0	+37 50 00	06.9		*	12	LWR 7843	L S	O	000 06	80 145 06 47	V	/	502
*H 93521	PHCAL	10 45 34.0	+37 50 00	06.9		*	12	SWP 9097	H L	O	005 00	80 145 07 10	V	/	501
*H 93521	PHCAL	10 45 34.0	+37 50 00	06.9		*	12	LWR 7844	L L	O	002 30	80 145 07 33	V	/	991
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	SWP 9425	L L	O	000 03	80 184 00 45	V	/	401
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	LWR 8165	L L	O	000 03	80 184 00 48	V	/	401
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	SWP 9426	H L	O	005 00	80 184 01 12	V	/	501
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	LWR 8166	H L	O	005 00	80 184 01 40	V	/	502 MICPH
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	LWR 9112	L S	O	000 06	80 294 17 01	V	/	502
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	LWR 9112	L L	O	000 03	80 294 17 04	V	/	502
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	SWP 10430	L S	O	000 06	80 294 17 07	V	/	500
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	SWP 10430	L L	O	000 03	80 294 17 09	V	/	500
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	LWR 9113	H L	O	004 30	80 294 17 54	V	/	502
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	SWP 10431	H L	O	004 30	80 294 18 02	V	/	501
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	LWR 9114	H L	O	002 00	80 294 18 25	V	/	402
*H 93521	PHCAL	10 45 34.0	+37 50 00	6.9		*	12	SWP 10432	H L	O	002 00	80 294 19 12	V	/	301
* 93521	PHCAL	10 45 34.0	+37 50 04	7.0		O9 V	12	LWR 9328	L L	O	000 12	80 323 02 20	G	81/173	NONE
*OLSS1922	HSCJD	10 45 58.0	-58 52 47	10.5	E0.83	B8 IA	27	LWR 8464	L L	O	055 00	80 221 04 53	G	81/078	C=210,B=32
*OLSS1922	HSCJD	10 45 58.0	-58 52 47	10.5	E0.83	B8 IA	27	SWP 9730	L L	O	055 00	80 221 05 52	G	81/078	C=42,B=27
HD 93843	HSCAU	10 46 40.1	-59 57 33	7.34	E0.34	O5 III	12	SWP 8691	L L	O	000 32	80 098 11 52	G	80/328	B=243,C=260,B=18

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 93843	HSCAU	10	46	40.1	-59	57	32	7.34	E0.34	O5 III	12	LWR 7440	L	L	O 000	11	80	098	12	23	G	80/335		C=30%,B=26
HD 94878	IECBS	10	53	57.9	-60	07	30	8.5			* 65	SWP 9309	L	L	O 007	05	80	170	20	46	G	81/026		C=195,B=25
HD 94878	IECBS	10	53	57.9	-60	07	30	8.5			* 65	SWP 9309	L	S	C 007	05	80	170	20	57	G	81/026		C=155,B=25
HD 94878	IECBS	10	53	57.9	-60	07	30	08.5			* 65	LWR 8071	L	L	O 012	20	80	170	21	08	G	81/026		C=220,B=32
HD 94878	IECBS	10	53	57.9	-60	07	30	08.5			* 65	LWR 8071	L	S	O 012	00	80	170	21	16	G	81/026		C=3X,B=32
*H 94878	MK399	10	53	58.0	-60	07	00	8.7			* 12	SWP 8936	H	L	O 420	00	80	127	00	16	V	/		564
*H 94878	MK399	10	53	58.0	-60	07	00	8.7			* 12	LWR 7683	L	L	O 003	00	80	127	07	19	V	/		562
*H 94878	MK399	10	53	58.0	-60	07	00	8.7			* 12	LWR 7683	L	L	O 003	30	80	127	07	26	V	/		552
*000AGCAR	MLCHJ	10	54	10.6	-60	11	11	7.4	0.75	B5 IB	27	LWR 7627	L	S	O 000	25	80	119	00	28	G	80/331		C=230,B=27
*000AGCAR	MLCHJ	10	54	10.6	-60	11	11	7.4	0.75	B5 IB	27	LWR 7627	L	L	O 000	49	80	119	00	31	G	80/331		
HD 94910	MLCHJ	10	54	10.6	-60	11	11		E0.75	B5 IB	27	SWP 8843	L	S	O 002	00	80	119	00	36	G	80/331		B=15
HD 94910	MLCHJ	10	54	10.6	-60	11	11		E0.75	B5 IB	27	SWP 8843	L	L	O 005	00	80	119	00	43	G	80/331		B=15
*000AGCAR	MLCHJ	10	54	10.6	-60	11	11	7.4	E0.75	B5 IB	27	LWR 7628	H	L	O 040	00	80	119	01	08	G	80/331		B=¬1.5X,C=¬240,B=40
AG CAR	MLCHJ	10	54	10.6	-60	11	11	7.4		B5 IB	27	LWR 9258	L	S	O 000	19	80	313	08	30	G	81/156		C=190,B=25
AG CAR	MLCHJ	10	54	10.6	-60	11	11	7.4		B5 IB	27	LWR 9258	L	L	O 000	39	80	313	08	34	G	81/156		C=90,B=25
AG CAR	MLCHJ	10	54	10.6	-60	11	11	7.2	E0.75	B5 IB	27	SWP 10560	L	S	O 001	35	80	313	08	39	G	81/156		C=80,B=20
AG CAR	MLCHJ	10	54	10.6	-60	11	11	7.2	E0.75	B5 IB	27	SWP 10560	L	L	O 004	00	80	313	08	44	G	81/156		C=220,B=20
AG CAR	MLCHJ	10	54	10.6	-60	11	11	7.2	E0.75	B5 IB	27	LWR 9259	H	L	O 032	00	80	313	09	09	G	81/166		B=1.5X,C=160,B=35
AG CAR	MLCHJ	10	54	10.6	-60	11	11	7.2	E0.75	B5 IB	27	SWP 10561	H	L	O 124	00	80	313	09	46	G	81/161		C=200,B=60
*N 3471	VILSE	10	56	02.0	+61	48	00	15.0			* 81	SWP 9828	L	L	O 042	00	80	230	01	05	V	/		111
HD 95128	CSCAD	10	56	40.2	+40	41	51	5.1	0.61	G0 V	44	LWR 7349	L	S	C 000	29	80	090	21	33	G	80/307		B=183,C=170,B=23
HD 95128	CSCAD	10	56	40.2	+40	41	51	5.1	0.61	G0 V	44	LWR 7349	L	L	O 000	14	80	090	21	37	G	80/307		B=183,C=170,B=23
HD 95128	CSCAD	10	56	40.2	+40	41	51	5.1	0.61	G0 V	44	LWR 7350	H	L	O 025	00	80	090	22	06	G	80/307		B=255,C=225,B=39
C TUTTLE	SCCPE	10	57	00.0	-25	39	00				* 06	SWP 10773	L	L	O 006	00	80	342	05	13	G	81/191		B=189,B=13
C TUTTLE	SCCPE	10	57	00.0	-25	46	00				* 06	LWR 9449	L	L	O 090	00	80	342	05	40	G	81/191		B=255,3X,C=90,B=50

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
C TUTTLE	SCCPF	10	57	00.0	-25	46	00				*	06	SWP 10774	L	L	0 012	00	80	342	06	16	G	81/196	E-152,B=14
C TUTTLE	SCCPF	10	57	00.0	-25	55	00				*	06	SWP 10775	L	L	0 012	00	80	342	07	24	G	81/191	E-41,B=16
C TUTTLE	SCCPF	10	57	00.0	-25	55	00				*	06	LWR 9450	L	L	0 040	00	80	342	08	04	G	81/191	E=200,B=43
C TUTTLE	SCCPF	10	57	00.0	-25	55	00				*	06	SWP 10776	L	L	0 018	00	80	342	08	51	G	81/191	E=169,B=18
C TUTTLE	SCCPF	10	57	15.0	-25	33	06				*	06	LWR 9448	L	L	0 030	00	80	342	04	30	G	81/196	E=158,B=34
C TUTTLE	SCCPF	10	57	20.0	-25	39	26				*	06	FES 1284	D	1	020	00	80	342	04	22	G	81/180	
HD 95418	FECMS	10	58	50.0	+56	39	00	2.4	E-.01	A1	V	30	SWP 10118	L	L	0 000	01	80	258	08	29	G	81/104	C=130,B=25
HD 95418	FECMS	10	58	50.0	+56	39	00	2.4	E-.01	A1	V	30	SWP 10118	L	S	0 000	02	80	258	08	33	G	81/104	C=200,B=25
HD 95418	FECMS	10	58	50.0	+56	39	00	2.4	E-.01	A1	V	30	LWR 8792	L	L	0 000	01	80	258	08	37	G	81/104	C=238,B=27
HD 95418	FECMS	10	58	50.0	+56	39	00	2.4	E-.01	A1	V	30	LWR 8792	L	S	0 000	01	80	258	08	41	G	81/104	C=215,B=27
HD 95418	FECMS	10	58	50.8	+56	38	52				*	07	SWP 10119	L	L	0 008	00	80	258	09	30	G	81/104	C=3-5X,B=25,SCATLITE
HD 95418	FECMS	10	58	50.8	+56	38	52				*	07	LWR 8793	L	L	0 004	00	80	258	09	42	G	81/104	C=2.5X,C=29,SCATLITE
HD 95418	FECMS	10	58	50.8	+56	38	51				*	07	SWP 10120	L	L	0 003	00	80	258	10	12	G	81/104	C=105,C=20,SCATLITE
HD 95418	FECMS	10	58	50.8	+56	38	51				*	07	LWR 8794	L	L	0 001	39	80	258	10	43	G	81/104	C=120,B=32,SCATLITE
HD 95418	FECMS	10	58	50.9	+56	38	50				V	07	SWP 10121	L	L	0 008	00	80	258	11	31	G	81/104	C=150,B=25,SCATLITE
HD 95418	FECMS	10	58	50.9	+56	38	50				*	07	LWR 8795	L	L	0 007	00	80	258	11	42	G	81/106	C=205,C=28,SCATLITE
*N 7008	JC395	10	59	05.0	+54	21	00	13.3			*	70	SWP 10244	L	L	0 070	00	80	272	19	24	V	/	401
*N 7008	JC395	10	59	05.0	+54	21	00	13.3			*	70	LWR 8908	L	L	0 030	00	80	272	20	39	V	/	303
HD 95689	CSCRW	11	00	39.6	+62	01	17	1.8		K0	III	47	LWR 9585	H	L	0 015	00	80	362	03	21	G	/	C=2-3X,B=35
HD 95689	CSCRW	11	00	39.6	+62	01	17	1.8		K0	III	47	SWP 10901	L	L	0 040	00	80	362	03	42	G	/	E=93,C=10-20X,B=58
HD 95689	CSCRW	11	00	39.6	+62	01	17	1.8		K0	III	47	SWP 10914	L	L	0 010	00	80	364	02	28	G	/	C=40,4-5X,B=25
HD 95689	CSCRW	11	00	39.6	+62	01	17	1.8		K0	III	47	SWP 10914	L	S	0 005	00	80	364	02	44	G	/	C=1.5X,B=25
* MK 421	BLCYK	11	01	40.5	+38	28	45	13.5	E0.51	BL	*	87	LWR 7779	L	L	0 090	00	80	138	09	28	G	80/353	C=150,B=35
* MK 421	BLCYK	11	01	40.5	+38	28	45	13.5	E0.51	BL	*	87	SWP 9025	L	L	0 210	00	80	138	11	06	G	80/353	C=195,B=55
*D+442051	CCCMG	11	03	00.0	+43	47	0	8.5		M2	V	48	LWR 8251	L	L	0 080	00	80	197	06	11	G	81/042	B=108,C=80,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
NGC 3516	QSCIS	11 03 22.7	+72 50 23	12.5			*	84	SWP 8883	L	L	0 030 00	80 122 21 53	G	80/338	B=90,C=40,B=25
*NGC 3516	MU33C	11 03 23.0	+72 50 00	13.0			*	84	SWP 8633	L	L	0 240 00	80 093 03 46	V	/	443
*NGC 3516	MU33O	11 03 23.0	+72 50 00	13.0			*	84	LWR 7378	L	L	0 140 00	80 093 07 55	V	/	353
*H 96548	KH422	11 04 18.0	-65 14 00	7.8			*	11	SWP 10089	H	L	0 048 00	80 255 23 0C	V	/	563
*H 96548	UK373	11 04 18.0	-65 14 00	7.8			*	11	SWP 10099	H	L	0 045 00	80 256 23 10	V	/	562
HD 96715	HSCAU	11 05 25.7	-59 41 34	8.26	E0.39	O4	V	12	SWP 8692	L	L	0 001 20	80 098 13 25	G	80/335	B=152,C=160,B=18
HD 96715	HSCAU	11 05 25.7	-59 41 34	8.26	E0.39	O4	V	12	LWR 7441	L	L	0 001 00	80 098 13 33	G	80/331	C=220,B=25
HD 96918	CCCRS	11 06 27.0	-58 42 30	3.9		G0	IA	45	LWR 9578	L	L	0 005 00	80 361 07 40	G	/	C=2-3X,B=20
HD 97484	HSCAU	11 09 56.3	-60 49 23	8.42	E0.63	O5	V	12	SWP 8693	L	L	0 004 20	80 098 14 37	G	80/331	C=110,B=35
HD 97484	HSCAU	11 09 56.3	-60 49 23	8.42	E0.63	O5	V	12	LWR 7442	L	L	0 001 18	80 098 14 48	G	80/331	C=180,B=31
HD 97534	MICSL	11 10 26.8	-60 02 43	4.6		F0	IA	40	LWR 9245	H	L	0 040 00	80 311 08 02	G	81/161	C=235,B=40
TT HYA	CBCGM	11 10 45.6	-26 11 34	7.6		A5	III	64	SWP 10585	H	L	0 120 00	80 315 20 23	G	81/161	B=255,C=245,B=55
TT HYA	OD29E	11 10 45.6	-26 11 34	7.16		A2	*	30	LWR 9595	H	L	0 095 00	80 363 18 25	G	81/208	C=1.5X,C=43
TT HYA	OD29E	11 10 45.6	-26 11 34	7.16		A2	*	30	SWP 10912	H	L	0 105 00	80 363 20 04	G	81/208	C=240,B=45
TT HYA	OD29E	11 10 45.6	-26 11 34	7.16		A2	*	30	LWR 9597	H	L	0 070 00	80 364 00 37	G	81/208	C=260,B=40
HD 97528	OD29E	11 10 45.7	-26 11 34	7.16		A2	*	30	LWR 9338	L	L	0 001 28	80 324 07 24	G	81/166	B=255-260,C=225,B=27
HD 97528	OD29E	11 10 45.7	-26 11 34	7.16		A2	*	30	SWP 10634	L	L	0 001 22	80 324 07 32	G	81/187	C=160,B=28
*LH332-21	VILSE	11 10 51.0	-76 28 00	10.9			*	85	LWR 8233	H	L	0 180 00	80 194 20 24	V	/	236
HD 98231	CCCLK	11 15 31.2	+31 48 39	3.9		G0	V	44	LWR 8026	L	L	0 000 29	80 165 19 26	G	81/008	B=255,C=255,B=28
HD 98231	CCCLK	11 15 31.2	+31 48 39	4.0		G0	V	44	LWR 8028	H	L	0 010 00	80 165 20 46	G	81/012	B=255,C=250,B=45
HD 98231	CCCLK	11 15 31.2	+31 48 39	4.0		F8	IV	44	SWP 10890	L	L	0 080 00	80 360 21 25	G	/	B=2X,C=5X,B=18
*G1116+21	QSCTS	11 16 30.0	+21 35 42	14.8		QS	*	85	SWP 8898	L	L	0 030 00	80 124 08 57	G	80/338	B=84,C=45,B=20
*G1116+21	QSCIS	11 16 30.0	+21 35 42	14.7		QS	*	85	SWP 8899	L	L	0 090 00	80 124 09 59	G	80/338	B=213,C=110,B=30
HD 98430	MICDM	11 16 50.0	-14 30 27	3.6	E0.20	G8	III	45	LWR 7581	H	L	0 045 00	80 112 22 11	G	80/325	B=240,C=135,B=56
*H 98430	PR404	11 16 50.0	-14 30 00	3.6			*	44	LWR 7469	L	L	0 004 10	80 101 03 35	V	/	702

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	*H 98430	PR404	11	16	50.0	-14	30	00	3.6			*	44	LWR 7469	L	S	O	001	40	80	101	03	41	V	/		502
	*H 98430	PR404	11	16	50.0	-14	30	00	3.6			*	44	SWP 8719	L	L	O	008	20	80	101	03	47	V	/		001
	*H 98430	PR404	11	16	50.0	-14	30	00	3.6			*	44	SWP 8719	L	S	O	003	20	80	101	04	14	V	/		001
	*C0000F41	HECAC	11	23	17.9	+06	46	59	11.0		A	*	64	LWR 8047	L	L	O	015	00	80	167	15	32	G	81/014		C=205,B=95
	*FEIGE 41	HECAC	11	23	17.9	+06	46	59	11.0		A	*	23	LWR 8247	L	L	O	015	00	80	196	17	02	G	81/042		C=182,B=32
	*FEIGE 41	HECAC	11	23	17.9	+06	46	59	11.0		A	*	23	SWP 9523	L	L	O	040	00	80	196	17	31	G	81/042		C=195,B=50
	7 ZW 403	EGCTI	11	24	36.9	+79	15	58	14.7			*	88	SWP 10470	L	L	O	360	00	80	298	23	33	G	81/152		C=125,B=90
HD	99953	IGCFB	11	27	00.0	-63	16	41	6.45	E0.49	B2	IB	23	SWP 9074	H	S	O	060	00	80	143	17	59	G	80/358		C=220,B=58
HD	100261	MLCSL	11	29	26.8	-59	09	58	5.1		G0	IA	45	SWP 10555	L	L	O	005	00	80	311	07	48	G	81/149		B=20
HD	100261	MLCSL	11	29	26.8	-59	09	58	5.1		G0	IA	45	LWR 9246	H	L	O	110	00	80	311	09	09	G	81/161		C=175,B=65
	SY MUS	ZACAM	11	29	55.0	-65	08	36	11	E0.0	M0	II	57	SWP 10188	L	L	O	090	00	80	264	23	47	G	81/106		E=255,C=80,B=30
	SY MUS	ZACAM	11	29	55.0	-65	08	36	11	E0.0	M0	II	57	LWR 8855	L	L	O	060	00	80	265	01	21	G	81/106		E=255,C=150,B=32
HD	100600	HWDAK	11	32	07.0	+17	04	25	5.9	-0.16	B4	V	21	SWP 9208	L	L	O	000	10	80	158	19	05	G	81/009		C=180,B=15,TRAILED
HD	100600	HWDAK	11	32	07.0	+17	04	25	5.9	-0.16	B4	V	21	LWR 7967	L	L	O	000	11	80	158	19	14	G	81/008		C=205,B=25,TRAILED
HD	100600	HWDAK	11	32	07.0	+17	04	25	5.9	-0.16	B4	V	21	LWR 7968	H	L	O	003	37	80	158	20	02	G	81/012		C=195,B=30
HD	100600	HWDAK	11	32	07.0	+17	04	25	5.9	-0.16	B4	V	21	SWP 9209	H	L	O	003	52	80	158	20	12	G	81/012		C=160,170,B=30
	*CLSS2394	HSCJD	11	33	18.7	-62	59	20	11.0	E0.29	B1	V	27	SWP 9729	L	L	O	024	00	80	221	03	32	G	81/078		C=2-3X,B=25
	*OLSS2394	HSCJD	11	33	18.7	-62	59	20	11.0	E0.29	B1	V	27	LWR 8463	L	L	O	012	00	80	221	04	02	G	81/078		C=1.5X,B=27
	*CLSS2394	HSCJD	11	33	18.7	-62	59	20	11.0	E0.29	B1	V	27	LWR 8465	L	L	O	006	00	80	221	07	22	G	81/078		C=185,B=25
	*CLSS2394	HSCJD	11	33	18.7	-62	59	20	11.0	E0.29	B1	V	27	SWP 9731	L	L	O	006	00	80	221	07	32	G	81/078		C=142,B=18
	* MK 180	BLCYK	11	33	32.6	+70	25	59	15		BL	*	87	LWR 7780	L	L	O	180	00	80	138	15	52	G	80/353		C=200,B=115
	MK 180	BLCYK	11	33	32.7	+70	26	0	15.0			*	87	LWR 7814	L	L	O	178	00	80	142	12	53	G	81/002		C=115,B=50
	MARK 180	OD36B	11	33	32.7	+70	26	00	15.0			*	87	SWP 10563	L	L	O	420	00	80	313	20	45	G	81/188		C=120,B=55
	MARK 180	OD36E	11	33	32.7	+70	26	00	15.0			*	87	SWP 10563	L	L	O	420	00	80	313	20	45	G	81/188		C=120,B=55
	MARK 180	OD36E	11	33	32.7	+70	26	00	15.0			*	87	SWP 10563	L	S	O	420	00	80	313	20	46	G	81/188		C=120,B=55

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM		DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
BK 180	OD36B	11	33	32.7	+70	26	00	15			*	87	LWR 9277	L	L	0	260	00	80	315	23	27	G	81/161	C=130,B=52
HD 101013	CCCEB	11	35	11.1	+50	53	43	6.1		K0	III	47	SWP 10209	L	L	0	240	00	80	267	23	45	G	81/117	E=255,C=85,B=53
HD 101013	CCCEB	11	35	11.1	+50	53	43	6.1		K0	III	47	LWR 8879	H	L	0	051	00	80	268	03	51	G	81/117	E=68,C=105,B=32
*N 3783	UK328	11	36	30.0	-37	28	00	13.0			*	84	LWR 8417	L	L	0	060	00	80	215	20	57	V	/	342
*N 3783	UK328	11	36	30.0	-37	28	00	13.0			*	84	SWP 9678	L	L	0	100	00	80	215	22	02	V	/	351
NGC 3783	QSCMG	11	36	33.0	-37	27	41	13.4	0.56	0	*	84	SWP 9216	L	L	0	090	00	80	159	06	42	G	81/027	E=181,C=59,B=44
NGC 3783	QSCMG	11	36	33.0	-37	27	41	13.4	0.56	0	*	84	SWP 9216	L	S	0	090	00	80	159	06	43	G	81/027	E=181,C=59,B=44
*N 3783	UK225	11	36	33.0	-37	27	00	13.0			*	84	SWP 8709	L	L	0	060	00	80	100	07	16	V	/	231
*N 3787	UK225	11	36	33.0	-37	27	00	13.4			*	84	LWR 7481	L	L	0	100	00	80	102	03	53	V	/	455
*N 3787	UK225	11	36	33.0	-37	27	00	13.4			*	84	SWP 8725	L	L	0	180	00	80	102	05	39	V	/	362
*N 3787	UK225	11	36	33.0	-37	27	00	13.4			*	84	LWR 7482	L	L	0	060	00	80	102	09	43	V	/	353
*N 3783	UK225	11	36	33.0	-37	28	00	13.4			*	84	SWP 8745	L	L	0	115	00	80	104	06	23	V	/	342
*N 3783	UK225	11	36	33.0	-37	28	00	13.4			*	84	LWR 7497	L	L	0	085	00	80	104	08	22	V	/	343
PKS 1137+660	QSCAG	11	37	09.3	+66	04	27	16.0	E0.0		*	85	SWP 10763	L	L	0	240	00	80	340	18	55	G	81/183	C=105,B=58
*H101545A	IGCFB	11	38	14.6	-62	17	29	6.38		O9	IB	13	SWP 9073	H	S	0	020	00	80	143	17	11	G	80/358	C=210,B=42
HD 101501	CCCKB	11	38	25.0	+34	29	0	5.3	0.0	G8	V	44	SWP 8820	L	L	0	085	00	80	115	00	25	G	80/331	E=240,C=120,B=45
HD 101584	MLCNM	11	38	33.7	-55	17	48	6.9	E0.38	F0	IA	40	LWR 9011	H	L	0	180	00	80	286	22	54	G	81/128	C=270,B=55
*H 101947	WE350	11	41	07.0	-62	13	00	5.0			*	45	LWR 8164	H	L	0	060	00	80	184	02	56	V	/	703 MICPH
*H 101947	WE350	11	41	07.0	-62	13	00	5.0			*	45	SWP 9422	H	L	0	008	00	80	184	20	44	V	/	301
*H 101947	WE350	11	41	07.0	-62	13	00	5.0			*	45	SWP 9423	L	L	0	001	00	80	184	22	19	V	/	504
*H 101947	WE350	11	41	07.0	-62	13	00	5.0			*	45	SWP 9423	L	S	0	001	00	80	184	22	23	V	/	504
*H 101947	WE350	11	41	07.0	-62	13	00	5.0			*	45	SWP 9825	L	L	0	001	00	80	230	18	32	V	/	601
*H 101947	WE350	11	41	07.0	-62	13	00	5.0			*	45	SWP 9825	L	S	0	001	00	80	230	18	35	V	/	401
*H 101947	WE350	11	41	07.0	-62	13	00	5.0			*	45	LWR 8538	H	L	0	060	00	80	230	18	39	V	/	704
*000GL439	CCCMG	11	42	04.0	+31	14	30	9.0		K8	V	46	LWR 8252	L	L	0	070	00	80	197	08	06	G	81/042	E=170,C=125,B=32

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 102509	CCCLK	11	45	24.5	+20	29	49	4.55		G5	III	45 LWR 8008	H	L	0 025	00	80	163	20	24	G	81/	008	E=255,C=255,B=58
HD 102509	CCCLK	11	45	24.5	+20	29	49	4.3		G5	III	45 SWP 10880	L	L	0 090	00	80	358	18	39	G	81/	208	E=2X,C=20X,B=27
*H 102567	SP390	11	45	33.0	-61	56	00	9.0				* 26 SWP 9165	L	L	0 002	50	80	153	00	39	V	/		560
*H 102567	SP390	11	45	33.0	-61	56	00	9.0				* 26 SWP 9165	L	S	0 005	40	80	153	00	47	V	/		550
*N 3918	UK319	11	47	50.0	-56	54	00	8.5				* 70 LWR 8732	L	L	0 035	00	80	250	16	20	V	/		
*H 103095	PR404	11	50	06.0	+38	05	00	6.4				* 43 LWR 7471	L	S	0 006	40	80	101	06	34	V	/		603
*H 103095	PR404	11	50	06.0	+38	05	00	6.4				* 43 LWR 7471	L	L	0 016	40	80	101	06	45	V	/		703
HD 103095	CSCAD	11	50	06.1	+38	04	38	6.5	0.75	G8	SD	44 LWR 7351	L	L	0 002	00	80	090	23	01	G	80/	307	E=217,C=200,B=25
HD 103095	CSCAD	11	50	06.1	+38	04	38	6.5	0.75	G8	SD	44 LWR 7351	L	S	C 004	00	80	090	23	07	G	80/	307	E=249,C=210,B=25
*N 3991	MT384	11	54	57.0	+32	37	00	12.5				* 88 LWR 7939	L	L	0 320	00	80	154	00	27	V	/		519
*N 3991	MT384	11	54	57.0	+32	37	00	12.5				* 88 SWP 9182	L	L	0 270	00	80	154	00	58	V	/		113 SMLT WITH 2 7939
*N 3991	MT384	11	54	57.0	+32	37	00	12.5				* 88 SWP 9181	L	L	0 090	00	80	154	22	47	V	/		342
PG 1155+492	FECRG	11	55	09.7	+49	13	00	15.0		CV		* 64 SWP 10274	L	L	0 040	00	80	277	22	30	G	81/	126	C=110,B=18
PG 1155+492	FECRG	11	55	09.7	+49	13	00	15.0		CV	SD	63 LWR 8946	L	L	0 040	00	80	277	23	13	G	81/	126	C=95,B=30
PG 1155+492	FECRG	11	55	09.7	+49	13	00	15.0		CV	SD	63 SWP 10275	L	L	0 060	00	80	277	23	58	G	81/	121	E=129,C=145,B=17
*N 3998	UK304	11	55	20.0	+55	44	00	12.0				* 86 SWP 10695	L	L	0 030	00	80	333	12	47	V	/		121
*N 3998	UK304	11	55	20.0	+55	44	00	12.0				* 86 LWR 9399	L	L	0 040	00	80	333	13	21	V	/		203
HD 104035	BPSTD	11	56	15.4	-64	03	39	5.60	E0.17	A0	IA	32 SWP 9514	L	L	0 000	00	80	195	16	30	G	81/	042	E=230,C=220,B=28,TRA
HD 104035	BPSTD	11	56	15.4	-64	03	39	5.60	E0.17	A0	IA	32 LWR 8240	L	L	0 000	00	80	195	16	48	G	81/	042	E=210,C=190,B=25,TRA
*C 721184	UK352	11	56	29.0	-73	09	00	10.7				* 23 LWR 8200	L	L	0 007	00	80	189	00	23	V	/		702
*C 721184	UK352	11	56	29.0	-73	09	00	10.7				* 23 LWR 8200	L	S	0 010	00	80	189	00	37	V	/		402
*C 721184	UK352	11	56	29.0	-73	09	00	10.7				* 23 SWP 9469	L	L	0 002	20	80	189	23	47	V	/		501
*C 721184	UK352	11	56	29.0	-73	09	00	10.7				* 23 SWP 9469	L	S	0 003	30	80	189	23	53	V	/		301
*G1202+28	QSCTS	12	02	08.8	+28	10	53	16.4	-0.77	QS		* 85 SWP 8900	L	L	0 205	00	80	124	12	25	G	80/	338	E=185,C=89,B=53
*BACKGRND	QSCTS	12	02	08.8	+28	10	53					* 64 LWR 7656	L	L	0 135	00	80	124	13	02	G	80/	338	B=47

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*D36 2242	HECAC	12	06	41.9	+35	58	59	10.0		A	* 23	LWR 8245	L	S	0 020	00	80	196	12	57	G	81/042		C=2X,B=42
*D36 2242	HECAC	12	06	41.9	+35	58	59	10.0		A	* 23	LWR 8245	L	L	0 020	00	80	196	13	21	G	81/042		C=4X,B=42
*D36 2242	HBCAC	12	06	41.9	+35	58	59	10.0		A	* 23	SWP 9520	L	L	0 030	00	80	196	13	48	G	81/042		C=3-5X,B=40
*D36 2242	HECAC	12	06	41.9	+35	58	59	10.0		A	* 23	LWR 8246	L	S	0 004	00	80	196	14	24	G	81/042		C=195,B=28
*D36 2242	HECAC	12	06	41.9	+35	58	59	10.0		A	* 23	LWR 8246	L	L	0 004	00	80	196	14	34	G	81/042		C=195,B=28
*D36 2242	HECAC	12	06	41.9	+35	58	59	10.0		A	* 23	SWP 9521	L	S	0 006	00	80	196	15	14	G	81/042		C=150,B=25
*D36 2242	HECAC	12	06	41.9	+35	58	59	10.0		A	* 23	SWP 9521	L	L	0 006	00	80	196	15	25	G	81/042		C=150,B=25
HD 105707	MICJL	12	07	32.9	-22	20	29	3.01		K3	III 46	LWR 8566	H	L	0 045	00	80	233	17	35	G	81/084		B=69,C=75,B=28
HD 105707	MICJL	12	07	33.0	-22	20	30	3.01	1.33	K3	III 47	LWR 7549	L	L	0 000	45	80	109	23	56	G	80/330		B=206,C=180,B=30
*N 4151	MU373	12	08	00.0	+39	41	00	11.5			* 84	SWP 9050	L	L	0 025	00	80	140	04	55	V	/		351
*N 4151	MU373	12	08	00.0	+39	41	00	11.5			* 84	LWR 7797	L	L	0 025	00	80	140	05	25	V	/		453
*N 4151	MU373	12	08	00.0	+39	41	00	11.5			* 84	SWP 9051	L	L	0 025	00	80	140	05	58	V	/		351
*N 4151	MU373	12	08	00.0	+39	41	00	11.5			* 84	LWR 7798	L	L	0 025	00	80	140	06	31	V	/		453
*N 4151	MU373	12	08	00.0	+39	41	00	11.5			* 84	SWP 9052	L	L	0 047	00	80	140	07	01	V	/		572
NGC 4151	QSCSG	12	08	00.0	+39	40	54	11.2			* 84	SWP 10682	L	L	0 105	00	80	331	09	44	G	81/183		B=235,C=100,B=46
NGC 4151	QSCSG	12	08	00.0	+39	40	54	11.2			* 84	LWR 9392	L	L	0 015	00	80	331	11	34	G	81/183		B=109,C=80,B=24
*N 4151	UK266	12	08	00.0	+39	41	00	11.5			* 84	SWP 8795	L	L	0 025	00	80	112	03	00	V	/		241
*N 4151	UK266	12	08	00.0	+39	41	00	11.5			* 84	SWP 8795	L	S	0 025	00	80	112	03	30	V	/		131
*N 4151	UK266	12	08	00.0	+39	41	00	11.5			* 84	LWR 7570	L	L	0 025	00	80	112	04	11	V	/		342
*N 4151	UK266	12	08	00.0	+39	41	00	11.5			* 84	SWP 8796	L	L	0 037	30	80	112	04	41	V	/		251
*N 4151	UK266	12	08	00.0	+39	41	00	11.5			* 84	LWR 7571	L	L	0 037	30	80	112	05	23	V	/		362
*N 4151	UK362	12	08	00.0	+39	41	00	11.5			* 84	SWP 9000	L	L	0 040	00	80	136	00	02	V	/		460
*N 4151	UK362	12	08	00.0	+39	41	00	11.5			* 84	LWR 7758	L	L	0 025	00	80	136	00	45	V	/		451
*N 4151	UK465	12	08	00.0	+39	41	00	11.5			* 84	LWR 8383	H	L	0 447	00	80	210	20	51	V	/		130
*BACK GRD	UK465	12	08	00.0	+39	41	00	11.5			* 84	SWP 9625	L	L	0 447	00	80	210	20	53	V	/		000 SIMULT WITH 2838

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
NGC 4151	QSBAB	12	08	00.3	+39	41	01	11.5				*	84 SWP 8746	L	L	O 017	00	80	104	10	53	G	80/321		E=175,C=44,B=27
*UNKNOWN	QSCWS	12	08	00.9	39	43	30			0		*	65 LWR 8383	H	L	O 793	00	80	211	04	19	G	81/058		B=100
*UNKNOWN	QSCWS	12	08	00.9	+39	43	30			0		*	65 SWP 9626	L	L	O 025	00	80	211	10	11	G	81/058		B=21
NGC 4151	QSCWS	12	08	00.9	+39	41	03	11.5	E0.0	0		*	84 SWP 9627	L	L	O 015	00	80	211	11	37	G	81/058		E=197,C=55,B=30
*H 106223	PR404	12	10	45.0	+30	33	00	7.4				*	32 LWR 7470	L	L	O 008	20	80	101	05	15	V	/		702
*H 106223	PR404	12	10	45.0	+30	33	00	7.4				*	32 LWR 7470	L	S	O 003	20	80	101	05	34	V	/		502
*H 106223	PR404	12	10	45.0	+30	33	00	7.4				*	32 SWP 8720	L	L	O 008	20	80	101	05	42	V	/		501
*H 106223	PR404	12	10	45.0	+30	33	00	7.4				*	32 SWP 8720	L	S	O 003	20	80	101	06	04	V	/		301
* 1214-28	UK302	12	14	41.0	-27	50	00	16.0				*	88 SWP 9408	L	L	O 200	00	80	182	01	48	V	/		031 LYMAN ALPHA ONLY
* 1214-28	UK302	12	14	41.0	-27	45	00	15.0				*	88 SWP 9774	L	L	O 360	00	80	225	19	30	V	/		153
* 1216-28	UK302	12	14	45.0	-27	45	00	15.0				*	88 LWR 7710	L	L	O 337	00	80	130	02	09	V	/		009NO SPECTRUM
*1214-277	UK302	12	14	45.0	-27	45	00	15.0				*	88 SWP 9024	L	L	O 240	00	80	138	01	15	V	/		002NO SPECTRUM
*N 4236	UK348	12	14	47.0	+69	40	00	15.0				*	72 SWP 10474	L	L	O 066	00	80	299	20	40	V	/		201 HII REGION
*N 4236	UK348	12	14	47.0	+69	40	00	16.0				*	72 LWR 9185	L	L	O 225	00	80	303	14	31	V	/		036 HII REGION
*N 4236	UK348	12	14	47.0	+69	40	00	16.0				*	72 SWP 10500	L	L	O 066	00	80	303	14	35	V	/		301 OFF TARGET
*N 4321	GV308	12	20	23.0	+16	06	00	01.2				*	80 LWR 7542	L	L	O 197	00	80	109	06	29	V	/		306
*N 4321	GV308	12	20	23.0	+16	06	00	01.2				*	80 SWP 8782	L	L	O 140	00	80	109	07	08	V	/		101SIMLT WITH 27542
*N 4321	NP315	12	20	23.0	+16	06	00	13.0				*	80 SWP 8790	L	L	O 420	00	80	111	02	49	V	/		303
*N 4321	NP315	12	20	23.0	+16	06	00	13.0				*	80 LWR 7562	L	L	O 400	00	80	111	02	53	V	/		209 SIMLT WITH 38790
HD 107966	HBCAC	12	21	48.1	+26	22	32	5.2	0.0	A3	V		30 SWP 9280	L	L	O 001	00	80	166	14	24	G	81/012		C=4X,B=25
HD 107966	HBCAC	12	21	48.1	+26	22	32	5.2	0.0	A3	V		30 SWP 9280	L	S	O 000	29	80	166	14	29	G	81/012		C=170,B=25
HD 107966	HBCAC	12	21	48.1	+26	22	32	5.2		A3	V		30 LWR 8032	L	S	O 000	07	80	166	14	54	G	81/012		C=120,B=25
HD 107966	HBCAC	12	21	48.1	+26	22	32	5.2		A3	V		30 LWR 8032	L	L	O 000	19	80	166	14	58	G	81/012		C=3-4X,B=25
NGC 4361	FECSH	12	21	54.9	-18	30	31	13.04	-0.30	O5	IV		70 SWP 8869	L	L	O 012	00	80	120	23	37	G	80/331		E=155,C=115,B=20
NGC 4382	EGCJC	12	22	52.5	+18	28	12	11.7		K5	III		80 LWR 9381	L	L	O 300	00	80	329	20	47	G	81/177		C=130,B=65

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
NGC 4382	EGCJC	12 22 52.6	+18 28 13	11.7		K5	III 81	SWP 10698	L L	O	410 00	80 333 20 59	G	81/183	C=118,B=88
*MKN 52	MP397	12 23 09.0	+00 51 00	13.0			* 88	SWP 9341	L L	O	236 00	80 173 01 52	V	/	333
*MKN 52	MP397	12 23 09.0	+00 51 00	13.0			* 88	LWR 8097	L L	O	180 00	80 173 22 44	V	/	305
MARK0209	EGCTI	12 23 50.6	+48 46 07	14.6			* 88	SWP 10484	L L	O	147 00	80 301 03 23	G	81/183	E=1.5X,C=106,B=64
MARK0209	EGCTI	12 23 50.6	+48 46 15	14.6			* 88	SWP 10495	L L	O	407 00	80 302 22 47	G	81/183	E=213,C=170,B=92
*N 4449	UK324	12 25 47.0	+44 22 00	09.0			* 80	SWP 9367	L L	O	120 00	80 177 23 02	V	/	401
*OBJECT39	JD363	12 25 50.0	+44 23 00	01.0			* 72	SWP 8781	L L	O	180 00	80 109 02 58	V	/	302 HII REGION N 444
GECCOECN	SSCHM	12 26 90.0	-02 73 40				* 07	SWP 10617	L L	O	030 00	80 323 00 50	G	81/167	E=190,B=13
HD 108765	HECAC	12 27 12.6	+21 10 22	5.7		A3	V 30	SWP 9281	L S	O	000 29	80 166 15 38	G	81/012	C=230,B=25
HD 108765	HECAC	12 27 12.6	+21 10 22	5.7		A3	V 30	SWP 9281	L L	O	001 00	80 166 15 41	G	81/012	C=2-3X,B=25
HD 108765	HECAC	12 27 12.6	+21 10 22	5.7		A3	V 30	LWR 8033	L S	O	000 19	80 166 15 46	G	81/008	C=150,B=25
HD 108765	HECAC	12 27 12.6	+21 10 22	5.7		A3	V 30	LWR 8033	L L	O	000 19	80 166 15 55	G	81/008	C=235,B=25
HD 108903	CSCBW	12 28 22.7	-56 50 00	1.6	E0.0	M3	III 49	SWP 10032	L L	O	060 00	80 250 14 50	G	81/098	E=255,C=90,B=35
HD 108903	CSCBW	12 28 22.7	-56 50 00	1.6		M3	III 49	SWP 10904	L L	O	060 00	80 362 08 25	G	/	E=200,2X,C=75,B=37
HD 108903	CSCBW	12 28 22.7	-56 50 00	1.6		M3	III 49	LWR 9588	H L	O	020 00	80 362 09 30	G	81/208	E=2-3X,C=80,B=28
*MKN 213	UK371	12 29 02.0	+58 14 00	13.5			* 80	SWP 9559	L L	O	030 00	80 203 21 24	V	/	111
*MKN 213	UK371	12 29 02.0	+58 14 00	13.5			* 80	SWP 9560	L L	O	300 00	80 203 22 44	V	/	333
IC 3568	FECSH	12 31 36.0	+82 50 00	11.5		O5	* 70	SWP 10735	L L	O	033 00	80 338 04 58	G	81/183	E=204,C=140,B=20
HD 109379	MICJL	12 31 45.0	-23 7 14	2.66	0.89	G5	III 45	LWR 7548	L L	O	000 10	80 109 23 15	G	80/330	E=255,C=255,B=25
HD 109379	MICJL	12 31 45.0	-23 7 14	2.7	E0.08	G5	III 45	LWR 8326	H L	O	020 00	80 205 15 21	G	81/056	C=2X,B=45
HD 109379	MICJL	12 31 45.0	-23 07 14	2.7	E0.08	G5	III 45	SWP 9866	L L	O	180 00	80 235 07 10	G	81/084	E=168,C=95,B=63
*B 110311	CS357	12 33 00.0	-63 08 00	6.3			* 45	SWP 9569	L L	O	095 00	80 204 21 47	V	/	202
*H 110311	CS357	12 33 00.0	-63 08 00	6.3			* 45	LWR 8321	L L	O	015 00	80 204 23 32	V	/	501
NGC 4569	EGCMP	12 34 18.9	+13 25 59	10.2			* 88	LWR 8398	L L	O	200 00	80 213 04 37	G	81/058	
HD 109995	HECAC	12 36 23.2	+39 35 06	7.6		A	* 64	LWR 8051	H L	O	040 00	80 167 21 09	O	81/014	C=170,B=75

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR BB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*N	4594	UK324	12	37	23.0	-11	21	00	09.0		*	80 SWP	9368	L	L	0	229	00	80	177	01	58	V	/	302	NUCLEUS
*N	4594	UK324	12	37	23.0	-11	21	00	09.0		*	80 LWR	8120	L	L	0	110	00	80	177	03	40	V	/	000	HALO
*H	110311	CS357	12	39	00.0	-69	08	00	6.3		*	45 LWR	8482	L	L	0	030	00	80	223	18	31	V	/	703	
*H	110311	CS357	12	39	00.0	-69	08	00	6.3		*	45 LWR	8482	L	S	0	016	00	80	223	19	07	V	/	603	
*H	110311	CS357	12	39	00.0	-69	08	00	6.3		*	45 SWP	9763	L	L	0	060	00	80	223	19	29	V	/	301	
*H	110311	WE350	12	39	00.0	-69	08	00	5.0		*	45 SWP	9424	L	L	0	060	00	80	184	22	58	V	/	501	
*H	113111	WE350	12	39	00.0	-69	08	00	6.3		*	45 SWP	9826	L	L	0	060	00	80	230	19	53	V	/	301	
*H	113111	WE350	12	39	00.0	-69	08	00	6.3		*	45 LWR	8539	L	L	0	030	00	80	230	20	57	V	/	703	
*H	113111	WE350	12	39	00.0	-69	08	00	6.3		*	45 LWR	8539	L	S	0	012	00	80	230	21	38	V	/	703	
*N	4593	VILSE	12	39	05.0	-05	04	00	12.0		*	84 SWP	9145	L	L	0	185	00	80	150	00	31	V	/	232	
*N	4593	VILSE	12	39	05.0	-05	04	00	12.0		*	84 LWR	7884	L	L	0	115	00	80	150	03	46	V	/	455	
*H	110411	AH349	12	39	21.0	+10	30	00	5.0		*	36 LWR	7658	H	L	0	008	30	80	125	00	28	V	/	502	
*H	110411	AH349	12	39	21.0	+10	30	00	5.0		*	36 SWP	8909	H	L	0	005	00	80	125	00	52	V	/	501	
*N	4649	FE421	12	41	09.0	+11	49	00	12.5		*	81 SWP	8871	L	L	0	380	00	80	121	02	47	V	/	303	
*N	4649	FE421	12	41	09.0	+11	49	00	12.5		*	81 LWR	7639	L	L	0	360	00	80	121	02	51	V	/	116	
*N	4649	FE421	12	41	09.0	+11	49	00	12.0		*	81 LWR	7651	L	L	0	415	00	80	123	00	52	V	/	208	
*N	4649	FE421	12	41	09.0	+11	49	00	12.0		*	81 SWP	8885	L	L	0	397	00	80	123	00	57	V	/	104	
*H	110715	KS317	12	41	48.0	-64	41	00	8.6		*	22 LWR	9006	L	L	0	006	15	80	285	20	33	V	/	501	
*H	110715	KS317	12	41	48.0	-64	41	00	8.6		*	22 SWP	10332	L	L	0	030	00	80	285	20	58	V	/	501	
*H	111409	KS317	12	46	52.0	-64	20	00	7.6		*	22 LWR	9007	L	L	0	001	25	80	285	21	35	V	/	501	
HL	111775	RPSTD	12	49	15.5	-47	49	21	6.32	E0.03 A0	II	32 SWP	9515	L	L	0	000	00	80	195	17	50	G	81/042	C=190,B=25,TRAILED	
HD	111775	RPSTD	12	49	15.5	-47	49	21	6.32	E0.03 A0	II	32 LWR	8241	L	L	0	000	00	80	195	18	02	G	81/042	E=217,C=200,B=28,TRA	
*EX	HYA	CVCPS	12	49	42.6	-28	58	39	13.3	0	*	54 SWP	9346	L	L	0	045	00	80	174	18	03	G	81/022	E=255,C=270,B=165	
*EX	HYA	CVCPS	12	49	42.6	-28	58	39	13.3	0	*	54 LWR	8102	L	L	0	035	00	80	174	18	53	G	81/026	E=229,C=190,B=80	
*N	4762	FE421	12	50	25.0	+11	30	00	12.5		*	81 LWR	7629	L	L	0	368	00	80	119	03	25	V	/	209	NUCLEUS X=17,Y=1

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*OLSS2804	HSCJD	12 50 29.5	-61 35 16	10.9	E1.60	O7	WD	54 LWR 8462	L	L	O 035 00	80 221 02 32	G	81/078	E=92,C=80,B=30
*D-223467	OD27B	12 50 52.8	-22 36 05	09.6	E0.90	G9	III	45 LWR 8057	L	L	O 020 00	80 168 20 20	G	81/014	E=260,C=170,B=48
*D-223467	OD27E	12 50 52.8	-22 36 05	09.6	E0.90	G9	III	45 SWP 9298	L	L	O 020 00	80 168 20 53	G	81/014	C=230,B=28
*D-223467	OD27B	12 50 52.8	-22 36 05	09.6	E0.90	G9	III	45 LWR 8058	L	L	O 013 00	80 168 21 25	G	81/014	E=169,C=110,B=28
HD 112244	IGCFB	12 52 59.4	-56 33 55	5.4	0.01	O8	IB	13 SWP 9072	H	S	O 005 00	80 143 16 27	G	80/358	E=252,C=197,B=32
MKN 231	QSCWS	12 54 03.9	+57 08 36	14			*	84 SWP 9602	L	L	O 888 00	80 208 20 53	G	81/058	C=185,B=120
* MKN 231	QSBAB	12 54 04.9	+57 08 39	13.8	0.84	SG	*	84 SWP 8747	L	L	O 400 00	80 104 11 51	G	80/321	E=5X,C=180,B=145
*MKN 231	UK365	12 54 05.0	+57 08 00	14.0			*	84 SWP 9602	L	L	O 880 00	80 207 20 52	V	/	509 VILSPA/GSFC EXPO
*MKN 54	UK348	12 54 32.0	+32 43 00	15.0			*	72 LWR 9141	L	L	O 300 00	80 299 14 39	V	/	306
*MKN 54	UK374	12 54 32.0	+32 43 00	15.0			*	88 SWP 9793	L	L	O 180 00	80 227 20 58	V	/	303
C/ENCKE	SCCPF	12 55 23.0	+32 20 14	8.7	E0.0		*	06 SWP 10528	L	L	O 010 00	80 308 08 12	G	81/152	E=221,B=17
C/ENCKE	SCCPF	12 55 23.0	+32 20 14	8.7	E0.0		*	06 LWR 9218	L	L	O 030 00	80 308 08 29	G	81/155	E=179,B=32
C/ENCKE	SCCPF	12 55 45.0	+32 20 14		E0.0		*	06 SWP 10529	L	L	O 020 00	80 308 09 51	G	81/191	E=70,B=19
*H 112607	KS317	12 55 54.0	-63 22 00	8.1			*	25 LWR 9004	L	L	O 001 35	80 285 18 38	V	/	501
*H 112607	KS317	12 55 54.0	-63 22 00	8.1			*	25 SWP 10330	L	L	O 004 25	80 285 18 43	V	/	502
*H 112954	KS317	12 58 16.0	-62 39 00	8.4			*	22 LWR 9005	L	L	O 006 00	80 285 19 28	V	/	501
*H 112954	KS317	12 58 16.0	-62 39 00	8.4			*	22 SWP 10331	L	L	O 027 00	80 285 19 49	V	/	401
HD 113139	CCCEB	12 58 35.3	+56 38 07	4.9		F2	V	40 SWP 10210	L	L	O 030 00	80 268 06 58	G	81/117	E=138,C=35,10X,B=12
HD 113139	CCCEB	12 58 35.3	+56 38 07	4.9		F2	V	40 SWP 10210	L	S	O 030 00	80 268 06 59	G	81/117	E=138,C=35,10X,B=12
HD 113139	CCCEB	12 58 35.3	+56 38 07	4.9		F2	V	40 LWR 8880	H	L	O 016 00	80 268 07 35	G	81/117	C=225,B=30
*00G61-29	CVCDL	13 03 04.9	+18 16 59	15.0		N0	V	55 SWP 9641	L	L	O 180 00	80 212 07 42	G	81/058	E=148,C=100,B=60
C/ENCKE	SCCPF	13 03 09.0	+29 48 36	8.7	E0.0		*	06 SWP 10537	L	L	O 008 00	80 309 04 51	G	81/155	E=229,B=20
C/ENCKE	SCCPF	13 03 35.0	+29 48 36	8.7	E0.0		*	06 LWR 9224	L	L	O 030 00	80 309 05 05	G	81/155	E=208,B=30
C/ENCKE	SCCPF	13 03 35.0	+29 41 41	8.7	E0.0		*	06 SWP 10538	L	L	O 020 00	80 309 05 46	G	81/155	E=167,B=30
C/ENCKE	SCCPF	13 04 10.0	+29 34 53	8.7	E0.0		*	06 LWR 9225	L	L	O 020 00	80 309 06 28	G	81/152	E=119,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
C/ENCKE	SCCPF	13	04	10.0	+29	34	53	8.7	E0.0			* 06	SWP 10539	L	L O	010	00	80	309	07	02	G	81/155		B=198,B=30
C/ENCKE	SCCPF	13	04	26.0	+29	28	07	8.7	E0.0			* 06	LWR 9226	L	L O	020	00	80	309	07	34	G	81/155		B=118,B=30
C/ENCKE	SCCPF	13	04	26.0	+29	28	07	8.7	E0.0			* 06	SWP 10540	L	L O	020	00	80	309	08	05	G	81/155		B=92,B=20
C/ENCKE	SCCPF	13	04	50.0	+29	21	19	8.7	E0.0			* 06	LWR 9227	L	L O	040	00	80	309	08	40	G	81/155		B=59,B=40
C/ENCKE	SCCPF	13	05	12.0	+29	14	25	8.7	E0.0			* 06	SWP 10541	L	L O	020	00	80	309	09	37	G	81/155		B=260,B=30
*D+352406	CCCMG	13	05	18.0	+34	46	0	9.0		K5	V	46	LWR 8253	L	L O	060	00	80	197	10	08	G	81/042		C=210,B=35
C/ENCKE	SCCPF	13	05	33.0	+29	07	22	8.7	E0.0			* 06	LWR 9228	L	L O	020	00	80	309	10	06	G	81/155		B=100,B=30
C/ENCKE	SCCPF	13	05	33.0	+29	07	22	8.7	E0.0			* 06	SWP 10542	L	L O	015	00	80	309	10	40	G	81/155		B=202,B=30
C/ENCKE	SCCPF	13	05	53.0	+29	00	08					* 06	LWR 9229	L	L O	017	00	80	309	11	11	G	81/155		B=111,B=30
*G1307+08	QSCIS	13	07	16.1	+08	35	46	15.4		QS		* 85	SWP 8915	L	L O	180	00	80	125	09	15	G	80/336		B=209,C=80,B=43
PKS 1308+326	IGCAW	13	08	08.2		32	36	42	15.9			* 85	LWR 9471	L	L O	385	00	80	345	19	24	G	81/188		C=135,B=63
C/ENCKE	SCCPF	13	08	46.0		27	51	54	8.7	E0.0		* 06	FES 1275		O	000	40	80	309	20	57	G	81/148		
C/ENCKE	SCCPF	13	08	46.0		27	51	54	8.7	E0.0		* 06	SWP 10544	L	L O	240	00	80	309	21	10	G	81/155		B=67,B=40
C/ENCKE	SCCPF	13	08	46.0		27	51	54	8.7	E0.0		* 06	LWR 9231	L	L O	120	00	80	309	21	12	G	81/155		B=194,B=32
*H 114710	MR321	13	09	32.0	+28	08	00	4.3				* 44	SWP 9465	L	L O	063	00	80	188	02	43	V	/		501
*G1309+35	QSCIS	13	09	58.4	+35	31	14	15.3		QS		* 85	SWP 8881	L	L O	420	00	80	122	09	03	G	80/338		B=177,C=127,B=87
C/ENCKE	SCCPF	13	10	36.0	+27	15	30	8.7	E0.0			* 06	LWR 9232	L	L O	120	00	80	310	01	29	G	81/155		B=2-3X,B=40
C/ENCKE	SCCPF	13	11	00.0	+27	08	33	8.7	E0.0			* 06	SWP 10545	L	L O	015	00	80	310	02	12	G	81/155		B=185,B=15
C/ENCKE	SCCPF	13	11	23.0	+27	08	41	8.7	E0.0			* 06	SWP 10546	L	L O	010	00	80	310	03	41	G	81/155		B=107,B=30
C/ENCKE	SCCPF	13	11	47.0	+26	54	56	8.7	E0.0			* 06	LWR 9233	L	L O	020	00	80	310	04	24	G	81/155		B=174,B=30
C/ENCKE	SCCPF	13	12	11.0	+26	48	16	8.7	E0.0			* 06	SWP 10547	L	L O	010	00	80	310	04	52	G	81/188		B=102,B=30
C/ENCKE	SCCPF	13	12	11.0	+26	48	16	8.7	E0.0			* 06	SWP 10548	L	L O	006	00	80	310	05	46	G	81/188		B=221,B=20
*MARK0450	EGCKD	13	12	29.1	+35	08	39	15.3	E0.30	0		* 88	LWR 8155	L	L O	200	00	80	183	06	38	G	81/033		B=40
*M450BKGD	EGCKD	13	12	29.1	+35	08	39			0		* 07	SWP 9409	L	L O	175	00	80	183	06	40	G	81/033		B=30
*MARK045C	EGCKD	13	12	29.1	+35	08	39			0		* 07	LWR 8156	L	L O	145	00	80	183	10	26	G	81/033		B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*MARK0450	EGCKD	13	12	30.0	+35	08	40			0		*	88 SWP 9410	L	L	0 200	00	80	183	10	00	G	81/033		E=2-3X,C=10,B=45
C/ENCKE	SCCPF	13	12	34.0	+26	48	16	8.7	E0.0			*	06 SWP 10549	L	L	0 020	00	80	310	06	26	G	81/188		E=151,B=20
*H 115071	CL333	13	12	50.0	-62	19	00	8.2				*	12 SWP 10009	H	L	0 067	00	80	248	22	48	V	/		301
NGC 5055	EGCMP	13	13	29.9	+42	16	59	9.4				*	88 LWR 8399	L	L	0 191	00	80	213	08	38	G	81/058		C=140,B=75
HD 115383	CSCAD	13	14	17.4	+09	41	05	5.2	0.58	F8	V		41 LWR 7352	L	S	C 000	35	80	091	00	00	G	80/344		E=217,C=193,B=22
HD 115383	CSCAD	13	14	17.4	+09	41	05	5.2	0.58	F8	V		41 LWR 7352	L	L	0 000	17	80	091	00	05	G	80/344		E=160,C=160,B=22
HD 115383	CSCAD	13	14	17.4	+09	41	05	5.2	0.58	F8	V		41 LWR 7353	H	L	0 017	00	80	091	01	02	G	80/304		E=183,C=160,B=35
*TON 153	UK362	13	17	34.0	+27	43	00	15.3				*	85 LWR 7734	L	L	0 425	00	80	133	00	43	V	/		556
*TON 153	UK370	13	17	34.0	+27	44	00	15.3				*	85 SWP 9107	L	L	0 406	00	80	146	01	01	V	/		305
80 UMA	BPSTD	13	23	13.4	+55	14	52	4.03	E0.00	A5	V		31 SWP 10283	L	L	0 000	18	80	279	06	36	G	81/120		C=113,B=20,TRAILED
80 UMA	BPSTD	13	23	13.4	+55	14	52	4.03	E0.00	A5	V		31 LWR 8949	L	L	0 000	16	80	279	06	45	G	81/120		E=220,C=200,B=28,TRL
80 UMA	BPSTD	13	23	13.4	+55	14	52	4.03	E0.00	A5	V		31 SWP 10285	L	S	0 001	34	80	279	08	44	G	81/120		C=100,B=25
80 UMA	BPSTD	13	23	13.4	+55	14	52	4.03	E0.00	A5	V		31 SWP 10285	L	L	0 000	40	80	279	08	50	G	81/120		E=211,C=100,B=25,TRL
*STAR 24	UK231	13	23	30.0	-47	00	00	10.8				*	83 LWR 7552	L	L	0 035	00	80	110	05	11	V	/		305 STAR IN NGC 5139
NGC 5139	GCCTM	13	23	48.0	-47	3	0	4.8	-0.48	F7		*	25 SWP 9601	L	L	0 050	00	80	207	18	58	G	81/056		C=45,B=20
*STAR5701	UK231	13	24	28.0	-47	07	00	13.2				*	23 SWP 8763	L	L	0 030	00	80	106	02	56	V	/		401 STAR IN N 5139
*STAR5701	UK231	13	24	28.0	-47	07	00	13.2				*	23 LWR 7506	L	L	0 090	00	80	106	03	30	V	/		603 STAR IN N 5139
*STAR5701	UK231	13	24	28.0	-47	07	00	13.2				*	83 LWR 7551	L	L	0 050	00	80	110	03	18	V	/		001 STAR IN NGC 5139
*STAR5701	UK231	13	24	28.0	-47	07	00	13.2				*	83 SWP 8785	L	L	0 020	00	80	110	04	12	V	/		001 STAR IN NGC 5139
HD 116852	HSCLC	13	25	44.0	-78	35	50	8.5	E0.22	O9	III	12	SWP 9326	H	L	0 020	00	80	172	14	58	G	81/022		C=240,B=130
HD 116852	HSCLC	13	25	44.0	-78	35	50	8.5	E0.22	O9	III	12	SWP 9332	H	L	0 032	00	80	172	20	59	G	81/028		C=205,B=46
HD 116852	HSCLC	13	25	44.0	-78	35	50	8.5	E0.22	O9	III	12	LWR 8091	L	L	0 000	17	80	172	21	34	G	81/022		C=165,B=25
NGC 5204	OD25B	13	27	43.9	+58	40	41	11.7				*	88 SWP 10847	L	L	0 200	00	80	355	19	05	G	81/208		C=55,B=44
*H 11777	UK316	13	29	44.0	+28	50	00	9.4				*	44 LWR 8278	L	L	0 034	00	80	199	22	17	V	/		703
HD 117688	HSCPC	13	30	07.1	-62	03	36	10.9	E0.70	O1		*	11 SWP 10750	L	L	0 022	00	80	339	05	46	G	81/183		E=255,C=145,B=23

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V CR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*H 117688	UK307	13 30 08.0	-62 03 00	10.8			* 11	SWP 9030	L	L	O 012 00	80 139 02 19	V	/	351
*H 117688	UK307	13 30 08.0	-62 03 00	10.8			* 11	LWR 7786	L	L	O 019 00	80 139 02 34	V	/	563
*MR LS8	WRCWR	13 30 18.1	-63 52 16	14.0	E0.56	WC6	* 10	SWP 9184	L	L	O 180 00	80 155 08 50	G	81/002	B=138,C=100,B=35
*MR LS8	WRCWR	13 30 18.1	-63 52 16	14.0	E0.56	WC6	* 10	LWR 7941	L	L	O 120 00	80 155 11 54	G	81/001	B=211,C=160,B=45
MR LS8	WRCWR	13 30 18.1	-63 52 16	14.0	E0.56	O9	IB 10	SWP 10932	L	L	O 255 00	80 366 03 12	G	/	C=110,B=65
HD 117880	HBCAC	13 30 47.6	-18 15 24	9.1		A	* 64	SWP 9290	L	S	O 010 00	80 167 19 04	G	81/014	C=260,B=175
HD 117880	HBCAC	13 30 47.6	-18 15 24	9.1		A	* 64	SWP 9290	L	L	O 010 00	80 167 19 36	G	81/014	C=2X,B=175
HD 117880	HBCAC	13 30 47.6	-18 15 24	9.1		A	* 64	LWR 8050	L	L	O 010 00	80 167 19 52	G	81/014	C=2-3X,B=55
HD 117880	HBCAC	13 30 47.6	-18 15 24	9.1		A	* 64	LWR 8050	L	S	O 005 00	80 167 20 20	G	81/014	C=140,B=55
BW HYA	CVCDL	13 31 32.6	-25 07 26	10.5	E0.08	M5	III 57	LWR 8392	L	L	O 030 00	80 212 17 10	G	81/181	C=2-3X,B=35
BW HYA	CVCDL	13 31 32.6	-25 07 26	10.5	E0.08	M5	III 57	SWP 9645	L	L	O 030 00	80 212 17 44	G	81/181	B=5-10X,C=3-5X,B=30
HD 118048	DCCDM	13 32 49.0	-64 18 17	10.3	E0.94	B8	* 22	SWP 10079	L	L	O 010 00	80 255 00 46	G	81/098	B=65,C=67,B=18
KN CEN	DCCDM	13 33 01.0	-64 18 14	10.3	E0.94	G0	II 39	SWP 10080	L	L	O 010 00	80 255 02 13	G	81/096	B=13
KN CEN	DCCDM	13 33 01.0	-64 18 14	10.3	E0.94	G0	II 39	SWP 10081	L	L	O 420 00	80 255 03 02	G	81/098	C=190,B=123
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	SWP 10126	L	L	O 007 00	80 258 16 57	V	/	331
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	LWR 8797	L	L	O 010 00	80 258 17 25	V	/	302
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	SWP 10127	L	L	O 005 00	80 258 18 02	V	/	221
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	SWP 10127	L	S	O 010 00	80 258 18 11	V	/	321
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	LWR 8798	L	L	O 020 00	80 258 18 49	V	/	502
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	SWP 10128	L	L	O 028 00	80 258 19 16	V	/	441
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	LWR 8799	L	L	O 030 00	80 258 19 48	V	/	503
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	SWP 10129	L	L	O 028 00	80 258 20 24	V	/	331
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	LWR 8800	L	L	O 030 00	80 258 21 00	V	/	503
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	SWP 10130	L	L	O 035 00	80 258 21 34	V	/	341
*UX UMA	UK344	13 34 42.0	+52 10 00	12.7			* 54	LWR 8801	L	L	O 010 00	80 258 22 42	V	/	303

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	FES 1268	D	S	020	00	80	289	22	56	G	81	128	
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	LWR 9050	L	L	O 030	00	80	289	23	11	G	81	141	B=166,C=160,B=30
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	SWP 10370	L	L	O 030	00	80	289	23	48	G	81	141	B=135,C=110,B=20
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	LWR 9051	L	L	O 030	00	80	290	01	08	G	81	141	B=181,C=165,B=28
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	SWP 10371	L	L	O 030	00	80	290	01	43	G	81	141	B=138,C=110,B=18
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	LWR 9052	L	L	O 029	00	80	290	02	19	G	81	141	B=196,C=160,B=30
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	SWP 10372	L	L	O 029	00	80	290	02	53	G	81	141	B=133,C=110,B=18
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	LWR 9053	L	L	O 030	00	80	290	03	28	G	81	141	B=175,C=150,B=33
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	SWP 10373	L	L	O 025	00	80	290	04	03	G	81	141	B=125,C=00,B=18
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	LWR 9054	L	L	O 025	00	80	290	04	36	G	81	141	C=195,B=45
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	SWP 10675	L	L	O 030	00	80	330	20	34	G	81	183	B=139,C=90,B=20
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	LWR 9386	L	L	O 030	00	80	330	21	09	G	81	183	C=175,B=27
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	SWP 10676	L	L	O 045	00	80	330	21	48	G	81	183	B=78,C=70,B=25,TRLD
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	LWR 9387	L	L	O 030	00	80	330	22	51	G	81	183	C=175,B=30
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	SWP 10677	L	L	O 045	00	80	330	23	25	G	81	183	B=80,C=80,TRAILED
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	LWR 9388	L	L	O 030	00	80	331	00	26	G	81	183	C=185,B=30
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	SWP 10678	L	L	O 037	00	80	331	01	01	G	81	183	B=127,C=110,B=23
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	LWR 9389	L	L	O 030	00	80	331	01	43	G	81	183	C=175,B=30
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	SWP 10679	L	L	O 045	00	80	331	02	24	G	81	183	B=86,C=85,B=28,TRLD
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	LWR 9390	L	L	O 024	00	80	331	03	25	G	81	183	C=144,B=31
UX	UMA CVCRP	13	34	43.0	+52	10	00	12.5		B0	SD 63	SWP 10798	L	L	O 039	00	80	346	05	55	G	81	188	B=148,C=105,B=35
*C0000F86	HECAC	13	36	05.9	+29	36	59	10.1		A	* 64	LWR 8048	L	L	O 010	00	80	167	16	30	G	81	014	C=5X,B=80
*C0000F86	HECAC	13	36	05.9	+29	36	59	10.1		A	* 64	SWP 9289	L	L	O 015	00	80	167	16	44	G	81	014	C=5-10X,B=155
*C0000F86	HECAC	13	36	05.9	+29	36	59	10.1		A	* 64	LWR 8049	L	S	O 004	00	80	167	17	33	G	81	056	C=180,B=38
*FEIGE 86	HECAC	13	36	05.9	+29	36	59	10.1		A	* 23	SWP 9522	L	S	O 004	00	80	196	16	06	G	81	042	C=120,B=20

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*FEIGE 86	HECAC	13 36 05.9	+29 36 59	10.1		A		* 23	SWP 9522	L L	O	004 00	80 196 16 16	G	81/042	C=225,B=20
*' 118695	HM334	13 36 23.0	-44 51 00	7.4				* 53	SWP 9287	L L	O	050 00	80 166 04 39	V	/	301
*' 118695	HM334	13 36 23.0	-44 51 00	7.4				* 53	LWR 8045	L L	O	015 00	80 166 05 32	V	/	502
*' 118695	HM334	13 36 23.0	-44 51 00	9.8				* 53	LWR 8038	L L	O	020 00	80 166 22 49	V	/	110 WRONG STAR
*' 118695	HM334	13 36 23.0	-44 51 00	9.8				* 53	LWR 8039	L L	O	015 00	80 166 23 52	V	/	502
NGC 5272	EGCJC	13 39 54.0	+28 38 00	10.4		F7		III 83	SWP 10717	L L	O	090 00	80 335 19 54	G	81/183	C=50,B=27
NGC 5272	EGCJC	13 39 54.0	+28 38 00	10.4		F7		III 83	LWR 9411	L L	O	090 00	80 335 21 28	G	81/183	C=100,B=30
NGC 5272	GCCIM	13 39 54.0	+28 39 0	6.2	0.16	F7		* 83	SWP 9603	L L	O	120 00	80 208 12 43	G	81/056	C=80,B=45
*VZ1128M3	GCCIM	13 39 58.6	+28 41 07	15.0	0.23	B0		* 83	SWP 9594	L L	O	120 00	80 207 04 49	G	81/058	C=100,B=28
*GL 526	CCCMG	13 43 12.0	+15 09 42	8.5		M5	V	48	LWR 8291	L L	O	070 00	80 200 18 32	G	81/051	B=230,C=90,B=38
*81345+12	UK370	13 45 06.0	+12 32 00	15.6				* 86	SWP 9291	L L	O	180 00	80 167 22 50	V	/	112
*ETA UMA	PHCAL	13 45 33.9	+49 33 43	1.84	E0.02	B3	V	21	SWP 9069	H S	O	000 09	80 142 19 37	G	81/002	C=185,B=32
*ETA UMA	PHCAL	13 45 33.9	+49 33 43	1.84	E0.02	B3	V	21	LWR 7817	H S	O	000 08	80 142 19 41	G	81/002	C=210,B=32
*H 120315	PHCAL	13 45 34.0	+49 34 00	1.8				* 21	LWR 8303	H L	O	000 06	80 202 20 35	V	/	502 NICPH
*H 120315	PHCAL	13 45 34.0	+49 34 00	1.8				* 21	LWP 1231	H L	O	000 05	80 202 21 35	V	/	402
*H 120315	PHCAL	13 45 34.0	+49 34 00	1.8				* 21	SWP 9545	H L	O	000 06	80 202 22 08	V	/	401
*H 18643	PHCAL	13 45 34.0	+49 34 00	1.8				* 21	LWR 9111	H L	O	000 09	80 294 16 04	V	/	702
*H 18643	PHCAL	13 45 34.0	+49 34 00	1.8				* 21	SWP 10429	H L	O	000 10	80 294 16 06	V	/	701
HD 120315	PHCAL	13 45 34.3	+49 33 44	1.8	0.02	B3	V	21	SWP 8877	H S	O	000 09	80 121 21 31	G	80/344	C=100,B=25
HD 120315	PHCAL	13 45 34.3	+49 33 44	1.8	0.02	B3	V	21	LWR 7649	H S	O	000 10	80 121 21 36	G	80/344	C=95,B=20
HD 120315	PHCAL	13 45 34.3	+49 33 44	1.8	0.02	B3	V	21	SWP 8967	L L	O	030 00	80 131 03 41	G	80/346	C=120,B=20
HD 120315	PHCAL	13 45 34.3	+49 33 44	1.8	0.02	B3	V	21	SWP 8967	L S	O	030 00	80 131 03 42	G	80/346	C=120,B=20
HD 120315	PHCAL	13 45 34.3	+49 33 44	1.8	0.02	B3	V	21	LWR 7719	L L	O	010 00	80 131 03 43	G	80/345	C=120,B=30
HD 120315	PHCAL	13 45 34.3	+49 33 44	1.8	0.02	B3	V	21	LWR 7719	L S	O	010 00	80 131 03 44	G	80/345	C=120,B=30
HD 120315	PHCAL	13 45 34.3	+49 33 44	1.8	-0.19	B3	V	21	SWP 9360	H S	O	000 10	80 176 13 59	G	81/027	C=120,B=25

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM		DSP & APR	LGE APR	EXPOSR TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 120315	PHCAL	13	45	34.3	+49	33	44	1.8	-0.19	B3	V	21	LWR	8116 H	S	0	000	09	80	176	14	02	G	81/033 C=160,B=27
HD 120315	PHCAL	13	45	34.3	+49	33	44	1.84		3	IB	21	LWR	8303 H	L	0	000	06	80	202	20	39	V	81/152
120315	PHCAL	13	45	34.3	+49	33	44				*	99	LWP	1230 L			000	00	80	202	21	08	V	81/146
HD 120315	PHCAL	13	45	34.3	+49	33	44	1.84		B3	III	21	LWP	1231 H	L	0	000	05	80	202	21	36	V	/
HD 120315	PHCAL	13	45	34.3	+49	33	44	1.84		B3	III	21	SWP	9549 H	L	0	000	06	80	202	22	08	V	81/152
HD 120315	PHCAL	13	45	34.3	+49	33	44	1.8	E0.02	B3	V	21	LWR	8969 H	L	0	000	05	80	282	11	08	G	81/126 C=222,B=32
HD 120315	PHCAL	13	45	34.3	+49	33	44	1.8	E0.02	B3	V	21	SWP	10306 H	L	0	000	05	80	282	11	12	G	81/126 C=182,B=32
HD 120315	PHCAL	13	45	34.3	+49	33	44	1.8	E0.02	B3	V	21	LWR	8970 H	L	0	000	11	80	282	12	01	G	81/126 C=2X,B=40
HD 120315	PHCAL	13	45	34.3	+49	33	44	1.8	E0.02	B3	V	21	SWP	10307 H	L	0	000	11	80	282	12	05	G	81/126 C=270,2X,B=50
HD 120315	PHCAL	13	45	34.3	+49	39	44	1.8	E0.02	B3	V	21	SWP	10522 H	L	0	000	05	80	307	02	52	G	81/152 C=175,B=32
HD 120315	PHCAL	13	45	34.3	+49	39	44	1.8	E0.02	B3	V	21	LWR	9210 H	L	0	000	05	80	307	02	55	G	81/155 C=205,B=32
HD 120315	PHCAL	13	45	34.3	+49	33	44	1.8		B3	V	21	SWP	10523 H	S	0	000	09	80	307	03	45	G	81/152 C=180,B=34
*IC 4329A	QSCMS	13	46	27.8	-30	03	40	14.4	+0.96		*	84	LWR	8380 L	L	0	833	00	80	208	21	55	G	81/058 C=165,B=100
*IY ALPHA	UK365	13	46	28.0	-30	04	00	14.4			*	84	SWP	9606 L	L	0	030	00	80	208	21	55	V	/ 132 SIMLT 28380
*IC 4329	UK365	13	46	28.0	-30	04	00	14.4			*	84	LWR	8380 L	L	0	880	00	80	208	21	55	V	/ 509 VILSPA/GSFC EXPO
*IY ALPHA	UK365	13	46	28.0	-30	04	00	14.4			*	84	SWP	9607 H	L	0	210	00	80	208	22	56	V	/ 132 SIMLT 28380
HD 120324	CBCGP	13	46	35.6	-42	13	31	3.0	E0.08	B2	IV	26	SWP	9990 H	L	0	000	20	80	246	15	15	G	81/097 C=215,B=38
HD 120324	CBCGP	13	46	35.6	-42	13	31	3.0	E0.08	B2	IV	26	LWR	8697 H	L	0	000	14	80	246	15	20	G	81/098 C=200,B=35
HD 120521	HSCLC	13	48	10.2	-58	17	33	8.7	E0.52	08	IB	13	LWR	8088 L	L	0	002	04	80	172	18	02	G	81/028 C=50%,2X,B=30
HD 120521	HSCLC	13	48	10.2	-58	17	33	8.7	E0.52	08	IB	13	SWP	9329 L	L	0	004	14	80	172	18	10	G	81/028 C=50%,B=45
HD 120521	HSCLC	13	48	10.2	-58	17	33	8.7	E0.52	08	IB	13	LWR	8089 L	L	0	001	00	80	172	18	41	G	81/028 C=185,B=32
HD 120521	HSCLC	13	48	10.2	-58	17	33	8.7	E0.52	08	IB	13	SWP	9330 L	L	0	002	14	80	172	19	09	G	81/028 C=175,B=19
MK279	QSCMG	13	51	48.0	+69	33	16	14.5	0.69	0	*	84	SWP	9217 L	L	0	200	00	80	159	09	07	G	81/027 E=254,C=145,B=55
MK279	QSCMG	13	51	48.0	+69	33	16	14.5	0.69	0	*	84	SWP	9217 L	S	0	200	00	80	159	09	08	G	81/027 E=254,C=145,B=55
MARK 279	QSCMG	13	51	48.0	+69	33	16	14.5			*	84	SWP	10282 L	L	0	123	00	80	279	02	40	G	81/120 E=160,C=120,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 121370	CCCLK	13	52	18.2	+18	38	51	2.69	+0.58	G0	IV	44 LWR 8009	H	L	0 010	00	80	163	21	20	G	81/	008	E=255,C=255,B=40
HD 121370	CCCLK	13	52	18.2	+18	38	51	2.69	+0.58	G0	IV	44 SWP 9260	L	L	0 017	00	80	163	21	33	G	81/	008	E=93,C=255,3X,B=20
*H 121909	UK316	13	55	50.0	-01	25	00	9.6			*	44 LWR 8277	L	L	0 038	00	80	199	20	47	V	/		500 HEADER LWR 8273
HD 122408	RPSTD	13	59	05.8	+01	47	08	4.27	E0.00	A3	III	32 SWP 9516	L	L	0 000	00	80	195	19	04	G	81/	042	C=72,B=20,TRAILED
HD 122408	RPSTD	13	59	05.8	+01	47	08	4.27	E0.00	A3	III	32 LWR 8242	L	L	0 000	00	80	195	19	13	G	81/	042	C=120,B=25,TRAILED
NGC 5455	EGCJH	14	01	14.7	+54	28	50	15.0	0.11		*	72 LWR 8186	L	L	0 240	00	80	187	12	30	G	81/	034	C=190,B=80
NGC 5455	EGCJH	14	01	14.7	+54	28	50	15.0	0.11		*	72 SWP 9443	L	L	0 195	00	80	187	16	32	G	81/	034	C=140,B=80
NGC 5457	EGCJH	14	01	26.6	+54	35	19	15		0	*	80 SWP 9442	L	L	0 420	00	80	187	04	50	G	81/	092	C=125,B=80
NGC 5461	EGCJH	14	01	55.2	+54	33	26	15		O5	*	72 LWR 8198	L	L	0 496	00	80	189	11	27	G	81/	033	C=255,2-3X,B=135
NGC 5461	EGCJH	14	01	56.0	+54	33	26	15		O5	*	72 SWP 9431	L	L	0 180	00	80	185	12	36	G	81/	034	E=3-5X,C=140,B=85
NGC 5461	EGCJH	14	01	56.0	+54	33	26	15		O5	*	72 LWR 8171	L	L	0 250	00	80	185	15	39	G	81/	034	C=200,B=85
NGC 5471	EGCJH	14	02	43.5	+54	38	9	13.7	E0.15	O5	*	72 LWR 8197	L	L	0 360	00	80	189	04	50	G	81/	042	C=1.5X,B=80
HD 122879	HSCLC	14	02	52.5	-59	28	39	6.4	E0.44	O9	IB	13 SWP 9327	H	L	0 011	29	80	172	15	58	G	81/	026	C=235,B=98
HD 123139	MLCAD	14	03	43.9	-36	7	30	2.0	1.02	G9	III	45 LWR 7741	H	L	0 006	00	80	134	17	47	G	80/	344	E=210,C=180,B=30
HD 123008	HSCLC	14	03	44.4	-64	13	53	8.9	E0.65	O9	III	12 LWR 8087	L	L	0 003	19	80	172	16	50	G	81/	027	C=30-50%,B=33
HD 123008	HSCLC	14	03	44.4	-64	13	53	8.9	E0.65	O9	III	12 SWP 9328	L	L	0 004	00	80	172	17	02	G	81/	026	E=181,C=165,B=44
*MR 53	WBCWR	14	09	11.2	-65	12	47	12.6	E0.54	WN6	*	11 SWP 9187	L	L	0 030	00	80	155	19	52	G	81/	001	E=164,C=99,B=45
*MR 53	WBCWR	14	09	11.2	-65	12	47	12.6	E0.54	WN6	*	11 LWR 7944	L	L	0 046	00	80	155	20	26	G	81/	027	E=260,C=180,B=50
*MR 53	WBCWR	14	09	11.2	-65	12	47	12	E0.54	WN6	*	11 SWP 9188	L	L	0 033	00	80	155	21	17	G	81/	001	E=156,C=70,B=30
MR 53	WBCWR	14	09	11.2	-65	12	47	12.6	E0.54	O9	IB	11 SWP 10933	L	L	0 105	00	80	366	08	04	G	/		E=1.5X,C=138,B=33
*H 124674	MF316	14	11	41.0	+52	01	00	4.5			*	31 LWR 8978	H	L	0 012	27	80	282	19	33	V	/		602
HD 124448	HRDAK	14	11	45.9	-46	03	21	10.0	-011	B3	III	24 SWP 8822	L	L	0 025	37	80	115	18	52	G	80/	331	C=250,B=51,TRAILED
HD 124448	HRDAK	14	11	45.9	-46	03	21	10.0	-0.1	B3	III	24 LWR 7600	L	L	0 027	36	80	115	19	57	G	80/	331	C=255,2X,B=51,TRAILE
HD 124897	CSCRW	14	13	22.8	+19	26	31	0.1	E0.07	K2	III	47 LWR 8727	H	L	0 010	00	80	250	00	31	G	81/	098	E=6X,C=3X,B=25
HD 124897	CSCRW	14	13	22.8	+19	26	31	0.1	E0.07	K2	III	47 SWP 10027	L	L	0 120	00	80	250	00	47	G	81/	098	E=10X,C=1.5X,B=50

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 124897	CSCRW	14	13	22.8	+19	26	31	0.1	E0.07	K2	III 47	LWR 8728	H	L	0 040	00	80	250	02	52	G	81/098	E=25X,C=10-12X,B=53
HD 124897	CSCRW	14	13	22.8	+19	26	31	0.1		K2	III 47	LWR 9598	H	L	0 005	00	80	364	03	24	G	/	E=2-3X,C=270,B=27
HD 124897	CSCRW	14	13	22.8	+19	26	31	0.1		K2	III 47	SWP 10915	L	L	0 030	00	80	364	03	35	G	/	E=1.5-2X,C=100,B=30
HD 124897	CSCRW	14	13	22.8	+19	26	31	0.1		K2	III 47	LWR 9599	H	L	0 040	00	80	364	04	09	G	/	E=20X,C=8X,B=55
*H 124850	MR321	14	13	23.0	-05	46	00	4.1			* 41	SWP 9464	L	L	0 060	00	80	188	00	55	V	/	721 SAT OVER 1746 A
*H 124850	MR321	14	13	23.0	-05	46	00	4.1			* 41	LWR 8196	H	L	0 010	00	80	188	02	01	V	/	622 X20 SAT MICPH
NGC 5548	QSCSG	14	15	43.2	+25	22	00	12.9			* 84	SWP 10692	L	L	0 180	00	80	332	21	14	G	81/187	E=197,C=80,B=30
NGC 5548	QSBAB	14	15	43.4	+25	21	57	13.9	0.57	0	* 84	SWP 8751	L	L	0 050	00	80	104	23	35	G	80/328	E=210,C=190,B=120
NGC 5548	QSBAB	14	15	43.4	+25	21	57	13.9	0.57	0	* 84	LWR 7498	L	L	0 030	00	80	105	00	29	G	80/335	E=153,C=115,B=45
NGC 5548	QSBAB	14	15	43.4	+25	21	57	13.9	0.57	0	* 84	SWP 8752	L	L	0 040	00	80	105	01	04	G	80/328	E=160,C=100,B=45
*N 5548	MU330	14	15	44.0	+25	22	00	13.5			* 84	SWP 9379	L	L	0 180	00	80	178	01	03	V	/	471
*N 5548	MU330	14	15	44.0	+25	22	00	13.5			* 84	LWR 8131	L	L	0 060	00	80	178	04	10	V	/	453
*N 5548	MU330	14	15	44.0	+25	22	00	13.5			* 84	SWP 9380	L	L	0 032	00	80	178	05	15	V	/	341
*N 5548	UK225	14	15	44.0	+25	22	00	13.0			* 84	LWR 7464	L	L	0 080	00	80	100	03	15	V	/	465
*N 5548	UK225	14	15	44.0	+25	22	00	13.0			* 84	SWP 8708	L	L	0 090	00	80	100	04	42	V	/	352
*N 5548	UK328	14	15	44.0	+25	22	00	13.0			* 84	SWP 9679	L	L	0 068	00	80	215	00	38	V	/	341
*H 125248	HM328	14	15	52.0	-18	29	00	5.9			* 36	SWP 9214	L	L	0 000	30	80	158	04	49	V	/	501
*H 125248	HM328	14	15	52.0	-18	29	00	5.9			* 36	LWR 7974	H	L	0 017	00	80	158	04	54	V	/	502
*H 125248	HM328	14	15	52.0	-18	29	00	5.9			* 36	SWP 9215	H	L	0 028	00	80	158	05	18	V	/	501
*G1416-12	QSCTS	14	16	21.2	-12	56	57	15.2	+0.30	QS	* 85	SWP 8916	L	L	0 145	00	80	125	13	05	G	80/336	E=107,C=65,B=50
*CQ 530	GG354	14	18	06.0	+34	37	00	14.5			* 87	LWR 7747	L	L	0 60	00	80	135	00	31	V	/	302
*OQ 530	GG354	14	18	06.0	+34	37	00	14.5			* 87	SWP 8989	L	L	0 364	00	80	135	01	42	V	/	203
*CQ 530	HS302	14	18	06.0	+54	37	00	15.0			* 87	SWP 9441	L	L	0 118	00	80	186	01	49	V	/	001
CQ 530	BLCDW	14	18	06.2	+54	36	57	15.0			* 87	SWP 10809	L	L	0 420	00	80	348	19	21	G	81/191	C=105,B=62
OQ 530	BLCDW	14	18	06.2	+54	36	57	15.0			* 87	LWR 9491	L	L	0 420	00	80	349	02	23	G	81/191	C=190,B=90

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V		SPEC TYPE		CB CL		IMAGE SEQ NUM		DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	*H 125924	UK352	14	20	04.0	-08	01	00	10.0					*	20	SWP	9466	L	L	0 001	45	80	189	20	38	V	/		601 SAT
	*H 125924	UK352	14	20	04.0	-08	01	00	10.0					*	20	LWR	8199	L	L	0 001	15	80	189	20	43	V	/		602 SAT
	*H 125924	UK352	14	20	04.0	-08	01	00	10.0					*	20	SWP	9467	L	L	0 001	22	80	189	21	14	V	/		501
	*H 125924	UK352	14	20	04.0	-08	01	00	10.0					*	20	SWP	9468	H	L	0 082	00	80	189	21	41	V	/		501
	*H 125924	UK374	14	20	04.0	-08	01	00	9.7					*	20	SWP	9814	H	L	0 070	00	80	229	18	42	V	/		501
	*H 125924	UK374	14	20	04.0	-08	01	00	9.7					*	20	LWR	8522	H	L	0 075	00	80	229	19	55	V	/		504
	*PROX CEN	OD31E	14	26	01.9	-62	27	42	11.0	E0.43		M4	V		48	SWP	9846	L	L	0 058	00	80	233	11	00	G	81/084		E=185,C=35,B=20
	*PROX CEN	OD31E	14	26	01.9	-62	27	42	11.0	E0.43		M4	V		48	LWR	8563	L	L	0 020	00	80	233	12	07	G	81/084		E=72,B=25
	*PROX CEN	OD31E	14	26	01.9	-62	27	42	11.0	E0.43		M4	V		48	SWP	9847	L	L	0 060	00	80	233	12	33	G	81/084		E=106,C=19,B=37
	*PROX CEN	OD31E	14	26	01.9	-62	27	42	11.0	E0.43		M4	V		48	SWP	9848	L	L	0 064	00	80	233	14	03	G	81/084		E=59,B=45
	*PROX CEN	OD31E	14	26	01.9	-62	27	42	11.0	E0.43		M4	V		48	LWR	8564	L	L	0 020	00	80	233	15	14	G	81/084		=E75,B=27
	*PROX CEN	OD31E	14	26	01.9	-62	27	42	11.0	E0.43		M4	V		48	SWP	9849	L	L	0 026	00	80	233	15	42	G	81/092		E=86,B=122
HD	128621	CCCKH	14	35	54.9	-60	37	39	1.3			K1	V		46	LWR	8640	H	L	0 001	51	80	241	06	14	G	81/092		E=192,C=175,B=25
HD	128621	CCCKH	14	35	54.9	-60	37	39	1.3	E0.0		K1	V		46	SWP	9928	L	L	0 009	00	80	241	06	25	G	81/092		E=204,179,C=56,B=19
HD	128621	CCCKH	14	35	54.9	-60	37	39	1.3			K1	V		46	LWR	8722	H	L	0 001	51	80	249	11	53	G	81/097		E=168,C=150,B=28
HD	128621	CCCKH	14	35	54.9	-60	37	39	1.3			K1	V		46	SWP	10016	L	L	0 002	39	80	249	12	01	G	81/097		E=37,B=14
HD	128621	CCCKH	14	35	54.9	-60	37	39	1.3	E0.0		K1	V		46	LWR	8830	H	L	0 001	51	80	261	12	05	G	81/103		E=195,C=210,B=27
HD	128621	CCCKH	14	35	54.9	-60	37	39	1.3	E0.0		K1	V		46	SWP	10164	L	L	0 002	39	80	261	12	10	G	81/103		E=112,C=40,B=22
HD	128621	CCCKH	14	35	54.9	-60	37	39	1.3	E0.0		K1	V		46	LWR	8858	H	L	0 001	51	80	265	09	50	G	81/117		E=206,C=210,B=27
HD	128621	CCCKH	14	35	54.9	-60	37	39	1.3	E0.0		K1	V		46	SWP	10193	L	L	0 002	39	80	265	09	54	G	81/117		E=126,C=40,B=25
HD	128621	CCCKH	14	35	54.9	-60	37	39	1.3	E0.0		K1	V		46	LWR	8884	H	L	0 001	51	80	268	12	19	G	81/117		E=187,C=180,B=30
HD	128621	CCCKH	14	35	54.9	-60	37	39	1.3	E0.0		K1	V		46	SWP	10214	L	L	0 002	39	80	268	12	23	G	81/117		E=113,C=45,B=18
HD	128621	CCCKH	14	35	55.0	-60	37	39	1.3	E0.0		K1	V		46	LWR	8778	H	L	0 001	51	80	256	12	08	G	81/098		E=164,C=180,B=30
HD	128621	CCCKH	14	35	55.0	-60	37	39	1.3	E0.0		K1	V		46	SWP	10093	L	L	0 002	39	80	256	12	12	G	81/098		E=122,C=38,B=23
	*ALP CENE	CSCJL	14	35	55.4	-60	37	37	+1.3	+0.9		K1	V		46	SWP	9035	L	L	0 030	00	80	139	08	57	G	81/036		E=2X,C=200,B=32

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	*ALP CENB	CSCJL	14	35	55.4	-60	37	37	+1.3	+0.9	K1	V	46	SWP 9036	H	L	O	340	00	80	139	10	12	G	81/036		E=255,C=230,B=130
HD	128620	CCCKH	14	35	56.4	-60	37	20	0.0	E0.0	G2	V	44	LWR 8639	H	L	O	001	00	80	241	04	59	G	81/092		E=255,C=255,B=40
HD	128620	CCCKB	14	35	56.4	-60	37	20	0.0	E0.0	G2	V	44	SWP 9927	L	L	O	012	00	80	241	05	05	G	81/092		C=3X,10Y,B=2X
HD	128620	CCCKB	14	35	56.4	-60	37	20	0.0	E0.0	G2	V	44	LWR 8777	H	L	O	001	00	80	256	11	03	G	81/098		E=192,C=2X,B=34
HD	128620	CCCKB	14	35	56.4	-60	37	20	0.0	E0.0	G2	V	44	LWR 8829	H	L	O	001	00	80	261	11	00	G	81/103		E=199,C=2-3X,B=35
HD	128620	CCCKB	14	35	56.4	-60	37	20	0.0	E0.0	G2	V	44	SWP 10163	L	L	O	003	00	80	261	11	03	G	81/103		E=162,C=38,B=28
HD	128620	CCCKB	14	35	56.4	-60	37	20	0.0	E0.0	G2	V	44	LWR 8857	H	L	O	001	00	80	265	08	46	G	81/106		E=236,C=2-3X,B=33
HD	128620	CCCKB	14	35	56.4	-60	37	20	0.0	E0.0	G2	V	44	SWP 10192	L	L	O	003	00	80	265	08	49	G	81/106		E=148,C=2-3X,B=20
HD	128620	CCCKB	14	35	56.4	-60	37	20	0.0	E0.0	G2	V	44	LWR 8883	H	L	O	001	00	80	268	11	19	G	81/117		C=2X,B=35
HD	128620	CCCKB	14	35	56.4	-60	37	20	0.0	E0.0	G2	V	44	SWP 10213	L	L	O	003	00	80	268	11	22	G	81/117		E=177,C=5X,B=18
HD	128620	CCCKB	14	35	56.5	-60	37	40	0.0	E0.0	G2	V	44	LWR 8721	H	L	O	001	00	80	249	10	42	G	81/097		E=192,C=255,2X,B=35
HD	128620	CCCKB	14	35	56.5	-60	37	20	0.0	E0.0	G2	V	44	SWP 10015	L	L	O	003	00	80	249	10	52	G	81/097		E=133,C=255,B=17
HD	128620	CCCKB	14	35	56.5	-60	37	20	0.0	E0.0	G2	V	44	SWP 10092	L	L	O	003	00	80	256	11	06	G	81/098		E=162,C=2-3X,B=18
HD	128621	CCCKB	14	35	56.9	-60	37	54	1.3		K1	V	46	SWP 9818	L	L	O	009	00	80	230	04	17	G	81/083		E=102,B=15
HD	128621	CCCKB	14	35	56.9	-60	37	54	1.3	E0.0	K1	V	46	LWR 8526	H	L	O	016	00	80	230	04	35	G	81/083		E=3X,C=3X,B=45
HD	128620	CCCKB	14	35	58.3	-60	37	35	0.0	E0.0	G2	V	44	LWR 8525	H	L	O	001	00	80	230	02	55	G	81/083		E=182,C=2.5X,B=35
HD	128620	CCCKB	14	35	58.3	-60	37	35	0.0	E0.0	G2	V	44	SWP 9817	L	L	O	004	30	80	230	03	30	G	81/083		E=156,C=230,2.5X,B=1
HD	128620	CCCKB	14	36	12.0	-60	38	0	0.0	0.0	G2	V	44	SWP 8818	L	L	O	000	29	80	114	20	51	G	80/318		B=19
HD	128620	CCCKB	14	36	12.0	-60	38	0	0.0	0.0	G2	V	44	LWR 7596	H	L	O	001	00	80	114	20	54	G	80/318		B=25
	AX CIR	DCCDM	14	48	29.4	-63	36	23	5.8	E0.26	G0	II	39	SWP 10082	L	L	O	005	00	80	255	10	34	G	81/098		C=2-3X,B=15
	AX CIR	DCCDM	14	48	29.4	-63	36	23	7.5	E0.26	B7	V	39	SWP 10083	L	L	O	002	00	80	255	11	06	G	81/098		C=105,150,B=15
HD	131156	CCCLK	14	49	04.7	+19	18	26	4.5		G8	V	45	SWP 10892	L	L	O	092	00	80	361	08	17	G	/		E=1.5X,C=195,B=18
HD	131156	CCCMG	14	49	04.8	+19	18	27	4.5	E0.03	G8	V	44	SWP 9532	L	L	O	030	00	80	198	15	38	G	81/044		E=230,C=105,B=42
HD	131156	CCCMG	14	49	04.8	+19	18	27	4.5	E0.03	G8	V	44	LWR 8264	L	L	O	008	00	80	198	16	16	G	81/044		C=3-6X,B=32
HD	131873	MLCDM	14	50	50.0	+74	21	35	2.1	E0.08	K4	III	46	LWR 8559	H	L	O	007	00	80	233	02	20	G	81/084		E=176,C=70,B=25

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 131873	NLCDM	14	50	50.0	+74	21	35	2.1	E0.08	K4 III	46	SWP 9844	L	L	0 090	00	80	233	02	33	G	81/	084	E=240,C=50,B=30
*H 132041	UK362	14	55	06.0	-35	51	00	7.8			*	24 SWP 9004	H	L	0 050	00	80	136	06	36	V	/		501
*H 132041	UK362	14	55	06.0	-35	51	00	7.8			*	24 LWR 7762	H	L	0 019	00	80	136	07	29	V	/		501
*H 132041	UK370	14	55	06.0	-35	52	00	07.8			*	24 LWR 7868	H	L	0 030	00	80	148	07	16	V	/		401
*HE 2 113	AH351	14	56	18.0	-54	06	00	11.8			*	44 SWP 8949	L	L	0 040	00	80	129	05	42	V	/		201
*HE 2 113	AH351	14	56	18.0	-54	06	00	11.8			*	44 LWR 7703	L	L	0 035	00	80	129	06	30	V	/		343
*HE 2 113	AH351	14	56	18.0	-54	06	00	11.8			*	44 SWP 8950	L	L	0 040	00	80	129	07	07	V	/		201
HD 132742	CBCGM	14	58	17.8	-08	19	18	4.9	E0.01	A0 V		30 SWP 9150	H	L	0 012	00	80	150	19	52	G	81/	002	C=245,B=40
HD 132742	CBCGM	14	58	17.8	-	8	19	18	4.9	E0.01	A0 V		30 LWR 7887	H	L	0 008	00	80	150	20	14	G	81/	002	C=1.5X,B=36
HE 133640	CBCAD	15	02	08.2	+47	50	52	4.8		G1 V		44 LWR 8898	H	L	0 025	00	80	271	03	08	G	81/	118	E-93,C=230,B=30
HD 133640	CBCAD	15	02	08.3	+47	50	53	4.8	0.83	G2 V		44 LWR 8147	H	L	0 025	00	80	181	08	04	G	81/	033	E=255,C=235,B=35
*H 134411	UK242	15	07	54.0	-39	40	00	09.6			*	20 SWP 8811	H	L	0 126	00	80	113	07	40	V	/		501
*H 134591	UK370	15	08	43.0	-34	34	00	08.4			*	24 SWP 9136	L	S	0 001	30	80	148	00	46	V	/		301
*H 134591	UK370	15	08	43.0	-34	34	00	08.4			*	24 SWP 9136	L	L	0 001	30	80	148	00	50	V	/		401
*H 134591	UK370	15	08	43.0	-34	34	00	08.4			*	24 LWR 7866	L	S	0 001	40	80	148	01	18	V	/		501
*H 134591	UK370	15	08	43.0	-34	34	00	08.4			*	24 LWR 7866	L	L	0 001	40	80	148	01	22	V	/		601
*H 134591	UK370	15	08	43.0	-34	34	00	08.4			*	24 SWP 9137	H	L	0 173	00	80	148	02	14	V	/		501
*H 134591	UK370	15	08	43.0	-34	34	00	08.4			*	24 LWR 7867	H	L	0 090	00	80	148	05	10	V	/		501
*EK TRA	UK313	15	09	46.0	-64	54	00	12.1			*	54 LWR 8446	L	L	0 015	00	80	218	22	02	V	/		501
*EK TRA	UK313	15	09	46.0	-64	54	00	12.1			*	54 SWP 9705	L	L	0 019	00	80	218	22	20	V	/		541
*EK TRA	UK313	15	09	46.0	-64	54	00	12.2			*	54 LWR 8461	L	L	0 015	00	80	220	00	56	V	/		502
*EK TRA	UK313	15	09	46.0	-64	54	00	12.2			*	54 SWP 9728	L	L	0 017	00	80	220	01	29	V	/		401
*EK TRA	UK313	15	09	46.0	-64	54	00	12.2			*	54 LWR 8458	L	L	0 015	00	80	220	18	44	V	/		502
*EK TRA	UK313	15	09	46.0	-64	54	00	12.2			*	54 SWP 9725	L	L	0 021	00	80	220	19	04	V	/		501
*EK TRA	UK313	15	09	46.0	-64	54	00	15.0			*	54 LWR 8488	L	L	0 120	00	80	224	19	32	V	/		404

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*EK TRA	UK313	15	09	46.0	-64	54	00	15.0			*	54	SWP 9768	L	L	O	120	00	80	224	21	46	V	/		303
*D-033746	CCCMG	15	11	30.0	-03	37	00	9.2	E-.02	K5	V	46	LWR 8265	L	L	O	070	00	80	198	17	12	G	81/044		E=139,C=118,B=53
*H 135345	DR37C	15	12	46.0	-41	18	00	5.2			*	45	SWP 9647	H	L	O	031	00	80	212	20	33	V	/		501
*H 135345	DR37C	15	12	46.0	-41	18	00	5.2			*	45	LWR 8394	H	L	O	026	00	80	212	21	13	V	/		603
*K1512+37	QSCAG	15	12	46.9	+37	01	55	15.5	E0.00	QSO	*	85	SWP 9258	L	L	O	400	00	80	163	07	08	G	81/008		B=80
*Q1512+37	UK33C	15	12	47.0	+37	02	00	15.5			*	85	SWP 8880	L	L	O	383	00	80	122	01	24	V	/		354
*Q1512+37	UK33C	15	12	47.0	+37	02	00	15.5			*	85	LWR 9133	L	L	O	416	00	80	297	14	51	V	/		458
*Q1512+37	UK33C	15	12	47.0	+37	02	00	15.5			*	85	SWP 10460	L	L	O	270	00	80	297	14	54	V	/		063 GEOCORONA ONLY
*Q1512+37	UK33C	15	12	47.0	+37	02	00	15.5			*	85	SWP 10460	L	S	O	270	00	80	297	14	54	V	/		033 GEOCORONA ONLY
*Q1512+37	UK33C	15	12	47.0	+37	02	00	15.5			*	85	SWP 10461	L	L	O	105	00	80	297	19	47	V	/		041 GEOCORONA ONLY
HD 135240	CECSH	15	12	53.0	-60	46	25	5.1	0.0	O7	III	12	SWP 9617	H	S	O	002	00	80	210	12	35	G	81/058		C=155,B=30
HD 135240	CECSH	15	12	53.0	-60	46	25	5.1	E0.0	O7	III	12	SWP 9634	H	S	O	002	19	80	211	18	30	G	81/058		C=185,B=30
HD 135240	CBCSH	15	12	53.0	-60	46	25	5.1		O7	III	12	SWP 9674	H	S	O	002	29	80	215	15	56	G	81/064		C=215,B=40
HD 135240	CBCSH	15	12	53.0	-60	46	25	5.1	E0.0	O7	III	12	SWP 9740	H	S	O	002	29	80	221	17	53	G	81/078		C=160,B=30
HD 135591	IGCFE	15	14	46.1	-60	18	51	5.40	E-.23	O7	III	13	SWP 9268	H	S	O	004	29	80	164	16	47	G	81/008		C=205,B=50
NGC 5904	GCCTM	15	16	00.0	+ 2	16	0	6.0	0.34	F6	*	83	SWP 9595	L	L	O	180	00	80	207	08	07	G	81/058		C=110,B=60
*N 5904	LA313	15	16	00.0	+02	16	00	5.8			*	83	LWR 8013	L	L	O	240	00	80	164	23	15	V	/		507
*N 5904	LA313	15	16	00.0	+02	16	00	5.8			*	83	SWP 9271	L	L	O	194	00	80	164	23	21	V	/		202 SIMLT WITH 2 801
U CRE	CECGP	15	16	08.9	+31	49	44	7.6	E0.0	B4	V	24	SWP 9980	H	L	O	055	00	80	245	12	25	G	81/097		C=240,B=60
U CRE	CECGP	15	16	08.9	+31	49	44	7.6	E0.0	B4	V	24	LWR 8692	H	L	O	038	00	80	245	13	50	G	81/097		C=245,B=50
U CRE	CECGP	15	16	08.9	+31	49	44	7.6	E0.0	B4	V	53	SWP 9989	H	L	O	045	00	80	246	13	16	G	81/097		C=210,B=55
U CRE	CBCGP	15	16	08.9	+31	49	44	7.6	E0.0	B4	V	53	LWR 8696	H	L	O	032	00	80	246	14	05	G	81/097		C=225,B=45
U CRE	CECGP	15	16	08.9	+31	49	44	7.6	E0.0	B4	V	24	SWP 9994	H	L	O	045	00	80	247	11	22	G	81/097		C=170,B=50
U CRE	CECGP	15	16	08.9	+31	49	44	7.6	E0.0	B4	V	24	LWR 8703	H	L	O	032	00	80	247	12	11	G	81/097		220,B=42
*D2312238	NPCLA	15	19	23.0	-23	27	5	12		0	*	70	SWP 8985	H	L	O	050	00	80	133	22	01	G	81/002		E=183,B=42

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL		IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*D2312238	NPCLA	15	19	23.0	-23	27	5	12.4		0		*	70	LWR 7737	L	L	O	040	00	80	133	22	56	G	81/	002	E=255,2X,C=¬120,B=35
CD 23 12238	NPCLA	15	19	23.0	-23	27	05	12.4				*	70	LWR 8849	H	L	O	020	00	80	264	00	37	G	81/	156	B=27
CD 23 12238	NPCLA	15	19	23.0	-23	27	05	12.4				*	70	SWP 10185	H	L	O	100	00	80	264	01	01	G	81/	156	E=255,B=25
CD 23 12238	NPCLA	15	19	23.0	-23	27	05	12.4				*	70	LWR 8850	H	L	O	120	00	80	264	02	45	G	81/	156	E=146,B=38
HD 136488	WBCWB	15	19	58.2	-62	30	01	9.4	E0.76	WC9		*	10	SWP 9183	L	S	O	005	00	80	155	06	54	G	81/	002	E=100,C=80,B=20
HD 136488	WBCWB	15	19	58.2	-62	30	01	9.4	E0.76	WC9		*	10	SWP 9183	L	L	O	005	00	80	155	07	06	G	81/	002	E=197,C=150,B=20
HD 136488	WBCWB	15	19	58.2	-62	30	01	9.4	E0.76	WC9		*	10	LWR 7940	L	S	O	006	00	80	155	07	53	G	81/	002	E=255,C=200,B=25
HD 136488	WBCWB	15	19	58.2	-62	30	01	9.4	E0.76	WC9		*	10	LWR 7940	L	L	O	006	00	80	155	08	04	G	81/	002	E=255,C=255,B=25
HD 136488	WBCWB	15	19	58.2	-62	30	00	9.4	E0.55	O9	IB		10	SWP 9762	L	L	O	012	00	80	223	17	36	G	83/	078	E=255,2X,C=230,B=18
*C-751179	UK361	15	28	53.0	-75	30	00	9.5				*	20	SWP 9501	H	L	O	150	00	80	193	01	08	V	/		542
*C-751197	UK370	15	28	53.0	-75	30	00	9.5				*	20	LWR 9164	H	L	O	108	00	80	301	19	58	V	/		504
HD 138749	BECJM	15	30	54.7	+31	31	36	4.2	E0.03	B6	V		22	SWP 9810	H	S	O	004	00	80	229	14	40	G	81/	083	C=230,1.5-2X,B=45
HD 138749	BECJM	15	30	54.7	+31	31	36	4.2	E0.03	B6	V		22	LWR 8520	H	S	O	003	19	80	229	14	48	G	81/	083	C=1.5X,B=33
HD 138749	BECJM	15	30	54.7	+31	31	36	4.2		B6	V		22	SWP 10448	H	S	O	004	00	80	296	10	02	G	81/	147	C=175,B=30
*H 138749	VD375	15	30	55.0	+31	31	00	04.2				*	22	SWP 9124	H	L	O	002	00	80	147	02	41	V	/		501
*H 138749	VD375	15	30	55.0	+31	31	00	04.2				*	22	LWR 7858	H	L	O	001	15	80	147	03	07	V	/		501
*N 5953	UK376	15	32	13.0	+15	21	00	13.5				*	88	LWR 8080	L	L	O	023	00	80	171	03	00	V	/		112 MICROPHONICS Y=3
*N 5953	UK376	15	32	13.0	+15	21	00	13.5				*	88	SWP 9319	L	L	O	240	00	80	171	22	57	V	/		113
*H 139195	FQ409	15	34	05.0	+10	10	00	5.3				*	46	LWR 7770	L	L	O	015	00	80	137	00	43	V	/		703
*H 139195	FQ409	15	34	05.0	+10	10	00	5.3				*	46	LWR 7770	L	S	O	015	00	80	137	01	06	V	/		703
*H 139195	FQ409	15	34	05.0	+10	10	00	5.3				*	46	LWR 7771	L	L	O	002	00	80	137	01	47	V	/		502
*H 139195	FQ409	15	34	05.0	+10	10	00	5.3				*	46	LWR 7771	L	S	O	002	00	80	137	01	57	V	/		502
*TAU4 SER	ZACAM	15	34	08.9	+15	15	50	+9.	0.0	M5	II		49	LWR 7684	L	L	O	030	00	80	127	08	48	G	80/	343	E=255,¬3X,C=30,B=90
*TAU4 SER	ZACAM	15	34	08.9	+15	15	50	+9.	0.0	M5	II		49	SWP 8937	L	L	O	030	00	80	127	09	23	G	80/	343	E=LYX71,B=20
*TAU4 SER	ZACAM	15	34	08.9	+15	15	50	7.	0.0	M5	II		49	LWR 7685	L	L	O	010	00	80	127	09	59	G	80/	343	E=167,C=30,B=27

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V CR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*TAU4 SER	ZACAM	15	34	08.9	+15	15	50	8.0		M5	II	49 LWR 8297	H	L	0	269 00	80	201	15	18	G	81/058		E=229
*H 140436	MF316	15	40	38.0	+26	27	00	3.8			*	30 LWR 8979	H	L	0	003 12	80	282	20	25	V	/		502
*H 140436	MF316	15	40	38.0	+26	27	00	3.8			*	30 SWP 10310	L	L	0	015 49	80	282	20	30	V	/		901
*H 140436	MF316	15	40	38.0	+26	27	00	3.8			*	30 LWR 10311	H	L	0	015 49	80	282	21	20	V	/		701
HD 140573	MLCDM	15	41	48.0	+06	34	53	2.6	1.17	K2	III	47 LWR 7575	H	L	0	035 00	80	112	10	24	G	80/329		E=211,C=180,B=32
HD 140573	MLCDM	15	41	48.0	+ 6	34	53	2.6	E0.01	K2	III	47 SWP 8800	L	L	0	000 00	80	112	11	07	G	80/329		E=173,C=40,B=30
HD 140573	MICAD	15	41	48.2	+ 6	34	54	2.6	1.17	K2	III	47 LWR 7742	H	L	0	008 00	80	134	18	54	G	80/344		E=90,C=80,B=30
* R CRE	RCBAH	15	46	30.7	+28	18	32	5.8	0.0	F8	IB	52 LWR 7643	H	L	0	060 00	80	121	14	43	G	80/331		C=170,B=35
* R CRE	RCBAH	15	46	30.7	+28	18	32	5.8	0.0	F8	IB	52 SWP 8873	L	L	0	045 00	80	121	15	50	G	80/331		C=2X,B=30
* R CRE	RCBAH	15	46	30.7	+28	18	32	5.8	0.0	F8	IB	52 LWR 7644	L	L	0	001 00	80	121	16	20	G	80/331		C=180,B=25
* R CRE	RCBAH	15	46	30.7	+28	18	32	5.8	0.0	F8	IB	52 LWR 7645	L	L	0	005 00	80	121	16	57	G	80/331		C=5X,B=22
R CRE	RCCAH	15	46	30.7	+28	18	32	5.8	E0.0	F8	IB	52 SWP 10054	L	L	0	030 00	80	252	17	01	G	81/098		C=90,B=25
R CRE	RCCAH	15	46	30.7	+28	18	32	5.8	E0.0	F8	IB	52 LWR 8756	L	S	0	003 00	80	252	17	38	G	81/098		C=130,B=25
R CRE	RCCAH	15	46	30.7	+28	18	32	5.8	E0.0	F8	IB	52 LWR 8756	L	L	0	005 00	80	252	17	45	G	81/098		C=1.5X,B=25
R CRE	RCCAH	15	46	30.7	+28	18	32	6.6		F8	IB	52 SWP 10055	L	L	0	025 00	80	252	18	13	G	81/103		N/A
R CRE	RCCAH	15	46	30.7	+28	18	32	5.8	E0.0	F8	IB	52 LWR 8757	L	L	0	010 00	80	252	18	42	G	81/098		C=3X,B=25
R CRE	RCCAH	15	46	30.7	+28	18	32	5.8	E0.0	F8	IB	52 LWR 8839	L	L	0	020 00	80	262	11	57	G	81/106		C=150,6-8X,B=38
R CRE	RCCAH	15	46	30.7	+28	18	32	5.8	E0.0	F8	IB	2 LWR 8839	L	S	C	004 10	80	262	12	27	G	81/106		C=150,6-8X,B=38
R CRE	RCCAH	15	46	30.7	+28	18	32	5.8	E0.0	F8	IB	52 SWP 10175	L	L	0	040 00	80	262	12	38	G	81/106		E=172,C=62,B=68
R CRE	RCCAH	15	46	30.7	+28	18	32	5.8	E0.0	F8	IB	52 LWR 8840	L	L	0	002 39	80	262	13	23	G	81/106		C=220,B=25
R CRE	RCCAH	15	46	30.7	+28	18	32	5.8	E0.0	F8	IB	52 LWR 8841	H	L	0	105 00	80	262	14	01	G	81/106		C=240,B=62
*R CRE	UK366	15	46	31.0	+28	18	00	5.8			*	41 LWR 8958	H	L	0	079 00	80	279	19	58	V	/		502
*R CE	UK366	15	46	31.0	+28	18	00	6.5			*	41 LWR 8964	H	L	0	232 00	80	281	16	44	V	/		702
*CN 1-1	NPCJL	15	47	38.5	-48	36	0	10.5		0	*	70 SWP 9386	L	L	0	040 00	80	179	15	37	G	81/033		E=208,B=25
*CN 1-1	NPCJL	15	47	38.5	-48	36	0	10.5		0	*	70 LWR 8136	L	L	0	090 00	80	179	16	24	G	81/033		E=198,C=130,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM		DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	*D+332642	PHCAL	15	50	01.9	+33	5	28	10.8	E0.07	B2	IV	20	SWP	8684	L	L	0 004	00	80	098	00	22	G	80/330		C=182,B=17
	*D+332642	PHCAL	15	50	01.9	+33	5	28	10.8	E0.07	B2	IV	20	LWR	7435	L	L	0 003	09	80	098	00	48	G	80/330		C=200,B=34
	*D+332642	PHCAL	15	50	01.9	+33	05	28	10.8			*	20	FES	1260	D	2	160	00	80	160	17	20	G	80/364		
	*D+332642	PHCAL	15	50	01.9	+33	05	28	10.8			*	20	LWR	7984	L	S	0 005	03	80	160	17	42	G	81/126		C=180,B=30
	*D+332642	PHCAL	15	50	01.9	+33	05	28	10.8			*	20	LWR	7984	L	L	0 003	09	80	160	17	53	G	81/126		C=220,B=30
	*D+332642	PHCAL	15	50	01.9	+33	05	28	10.8			*	20	SWP	9226	L	S	0 006	19	80	160	18	02	G	81/012		C=140,B=27
	*D+332642	PHCAL	15	50	01.9	+33	05	28	10.8			*	20	SWP	9226	L	L	0 004	00	80	160	18	13	G	81/012		C=195,B=27
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.83	E0.07	B2	IV	20	SWP	9428	L	L	0 000	25	80	185	03	20	V	81/120		
	*D+332642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	SWP	9746	L	L	0 004	00	80	222	13	18	G	81/077		C=185,B=20
	*D+332642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	SWP	9746	L	S	0 006	39	80	222	13	28	G	81/077		C=175,B=20
	*D+332642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	LWR	8472	L	S	0 005	19	80	222	13	43	G	81/077		C=185,B=30
	*D+332642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	LWR	8472	L	L	0 003	09	80	222	13	59	G	81/077		C=215,B=30
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	SWP	9831	L	L	0 004	00	80	231	13	08	G	81/141		C=175,B=18
	*D+332642	PHCAL	15	50	01.9	+33	05	28	10.83	E0.07	B2	IV	20	LWR	8543	L	L	0 003	10	80	231	13	17	G	81/084		C=185,B=23
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	LWR	9205	L	S	0 005	03	80	305	22	46	G	81/152		C=182,B=25
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	SWP	10516	L	S	0 006	39	80	305	22	57	G	81/152		C=190,B=15
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	LWR	9205	L	L	0 006	20	80	305	23	11	G	81/152		C=220,B=25
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	SWP	10516	L	L	0 008	00	80	305	23	22	G	81/152		C=210,B=15
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	SWP	10517	L	L	0 008	00	80	306	00	38	G	81/155		C=200,B=18
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	SWP	10518	L	L	0 008	00	80	306	01	24	G	81/152		C=200,B=17
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	SWP	10604	L	L	0 008	00	80	319	23	59	G	81/173		C=165,B=20
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	LWR	9305	L	L	0 006	20	80	320	00	20	G	81/173		C=215,B=24
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	SWP	10668	L	L	0 004	00	80	329	07	15	G	81/177		C=180,B=20
BD	+33 2642	PHCAL	15	50	01.9	+33	05	28	10.8	E0.07	B2	IV	20	LWR	9419	L	L	0 003	09	80	336	09	47	G	81/183		C=160,B=24
	*B+332642	PHCAL	15	50	02.0	+33	05	00	10.8			*	20	SWP	9428	L	L	0 000	26	80	184	03	20	V	/		201

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*E+332642	UKCAL	15	50	02.0	+33	05	00	10.8			* 20	LWR 9409	L	L	0	003	10	80	335	13	50	V	/	501
*E+332642	UKCAL	15	50	02.0	+33	05	00	10.8			* 20	SWP 10716	L	L	0	004	00	80	335	14	10	V	/	501
*E 142373	MR321	15	50	56.0	+42	35	00	4.6			* 41	SWP 9436	L	L	0	080	00	80	188	22	24	V	/	701 SAT OVER 1840 A
*H 142373	MR321	15	50	56.0	+42	35	00	4.6			* 41	LWR 8195	H	L	0	030	00	80	188	23	49	V	/	722 MICPH
*EE2 138	UK319	15	51	19.0	-66	00	00	9.9			* 70	LWR 8011	L	L	0	105	00	80	163	04	02	V	/	335
*47	LIE	HSCBW	15	52	06.7	-19	14	13	5.9	E0.14	B5 V	21	SWP 9234	L	L	0	000	06	80	161	16	54	G	81/008	B=249,C=220,B=18
*47	LIE	HSCBW	15	52	06.7	-19	14	13	5.9	E0.14	B5 V	21	SWP 9234	L	S	0	000	21	80	161	16	58	G	81/008	B=255,C=255,B=18
*47	LIE	HSCBW	15	52	06.7	-19	14	13	5.9	E0.14	B5 V	21	LWR 7995	L	L	0	000	06	80	161	17	02	G	81/008	C=255,B=30
*47	LIE	HSCBW	15	52	06.7	-19	14	13	5.9	E0.14	B5 V	21	LWR 7995	L	S	0	000	27	80	161	17	06	G	81/008	C=255,2X,B=30
*47	LIE	HSCBW	15	52	06.7	-19	14	13	5.9	E0.14	B5 V	21	SWP 9235	H	L	0	010	00	80	161	17	37	G	81/014	C=240,B=60
*47	LIE	HSCBW	15	52	06.7	-19	14	13	5.9	E0.14	B5 V	21	SWP 9236	L	S	0	000	21	80	161	18	41	G	81/008	C=255,1.5X,B=20
*47	LIE	HSCBW	15	52	06.7	-19	14	13	5.9	E0.14	B5 V	21	SWP 9236	L	L	0	000	26	80	161	18	46	G	81/008	C=220,B=20,TRAILED
*47	LIE	HSCBW	15	52	06.7	-19	14	13	5.9	E0.14	B5 V	21	LWR 7996	L	S	0	000	24	80	161	19	18	G	81/014	C=255,2X,B=25
*47	LIE	HSCBW	15	52	06.7	-19	14	13	5.9	E0.14	B5 V	21	LWR 7996	L	L	0	000	05	80	161	19	22	G	81/014	C=225,B=25
HD 142860	CCCEB	15	54	08.5	+15	49	25	3.8		F6	IV 41	SWP 10229	L	L	0	078	00	80	270	14	32	G	81/117	C=10X,B=40
*H 142983	UK242	15	55	23.0	-14	08	00	04.8			* 27	SWP 8809	H	L	0	002	20	80	113	05	46	V	/	500
*H 142983	UK242	15	55	23.0	-14	08	00	04.8			* 27	LWR 7586	H	L	0	003	30	80	113	06	13	V	/	601
*H 142983	UK242	15	55	23.0	-14	08	00	04.8			* 27	SWP 8810	H	L	0	004	40	80	113	06	44	V	/	601
*H 142983	UK362	15	55	23.0	-14	08	00	4.8			* 32	LWR 7761	H	L	0	003	00	80	136	04	28	V	/	502
*H 142983	UK362	15	55	23.0	-14	08	00	4.8			* 32	SWP 9003	H	L	0	003	20	80	136	04	36	V	/	500
HD 142983	BEBGP	15	55	23.1	-14	8	12	4.8	0.06	B2	III 60	SWP 8613	H	L	0	003	30	80	091	11	17	G	80/304	C=210,B=33
HD 142983	BEBGP	15	55	23.1	-14	8	12	4.8	0.06	B2	III 60	LWR 7359	H	L	0	020	01	80	091	11	26	G	80/304	C=210,B=31
HD 143275	SMCAL	15	57	22.2	-22	28	51	2.54		B0	* 20	SWP 9919	H	S	0	000	11	80	240	17	17	G	81/099	C=85,B=30
*I CRE	VILSP	15	57	24.0	+26	03	00	10.0			* 63	LWR 7992	L	L	0	020	00	80	160	03	25	V	/	452
*I CRE	VILSP	15	57	24.0	+26	03	00	10.0			* 63	SWP 9230	H	L	0	117	00	80	160	03	50	V	/	312

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*T	CRB	VILSE 15 57 24.0	+26 03 00	10.0		*	63	LWR 7989	L L	O	050 00	80 160 22 44	V	/	561 MCII SAT X 3
*T	CRB	VILSE 15 57 24.0	+26 03 00	10.0		*	63	SWP 9228	L L	O	062 00	80 160 23 37	V	/	361 GUIDE SATR FAINT
*TCR P		VILSE 15 57 24.0	+26 03 00	9.9		*	55	LWR 8059	L L	O	240 00	80 168 23 04	V	/	258
HD 143414	WRCWR	15 59 23.4	-62 33 18	10.2	E0.28	09 IB	11	SWP 9761	L L	O	008 00	80 223 16 19	G	81/077	B=210,C=105,B=31,TRA
HD 143414	WRCWR	15 59 23.4	-62 33 18	10.2	E0.28	09 IB	11	SWP 9761	L S	O	005 00	80 223 16 50	G	81/077	B=229,C=105,B=31
HD 143414	WRCWR	15 59 23.4	-62 33 18	10.2	E0.28	09 IB	11	LWR 8481	L L	O	004 00	80 223 16 59	G	81/077	B=255,C=220,B=28
HD 143414	WRCWR	15 59 23.4	-62 33 18	10.2	E0.28	09 IB	11	LWR 8481	L S	O	005 00	80 223 17 06	G	81/077	B=204,C=150,B=28
HD 144284	CCCLK	16 00 56.8	+58 41 54	4.0	0.50	F8 IV	41	LWR 8004	H L	O	020 00	80 163 14 17	G	81/014	B=255,C=255,B=45
HD 144284	CCCLK	16 00 56.8	+58 41 54	4.01		G8 III	41	SWP 10881	L L	O	045 00	80 358 20 45	G	81/208	B=102,C=5X,B=21
BD +67 922	NPCJL	16 01 23.1	+66 56 24	9		*	70	SWP 10605	L S	O	032 00	80 320 01 50	G	81/173	B=55,C=45,B=23
BD +67 922	NPCJL	16 01 23.1	+66 56 24	9		*	70	LWR 9306	L S	O	003 00	80 320 02 57	G	81/173	C=140,B=25
BD +67 922	NPCJL	16 01 23.1	+66 56 22	9		*	70	SWP 10606	H L	O	025 00	80 320 03 09	G	81/173	B=219,C=10-20,B=30
BD +67 922	NPCJL	16 01 23.1	+66 56 22	9		*	70	SWP 10606	L L	O	007 00	80 320 03 36	G	81/173	B=7X,C=140,B=30
BD +67 922	NPCJL	16 01 23.2	+66 56 25	9		*	70	SWP 10605	L L	O	030 00	80 320 01 08	G	81/173	B=30,C=30X,B=23
BD +67 922	NPCJL	16 01 23.2	+66 56 25	9		*	70	LWR 9306	L L	O	010 00	80 320 02 30	G	81/173	C=140,3X,B=25
*AG	DRA	ZACMP 16 01 23.2	+66 56 25	10	E0.0	K3 III	57	SWP 9084	L L	O	032 00	80 144 13 59	G	80/359	B=4-5X,C=115,B=30
*AG	DRA	ZACMP 16 01 23.2	+66 56 25	10	E0.0	K3 III	57	LWR 7831	L L	O	010 00	80 144 14 51	G	80/359	C=155,B=30
*AG	DRA	ZACMP 16 01 23.2	+66 56 25	10	E0.0	K3 III	57	SWP 9084	L S	O	013 00	80 144 15 07	G	80/359	B=2-3X,C=49,B=30
AG	DRA	ZACMP 16 01 23.2	+66 56 25	11.0	E0.0	K3 III	57	SWP 10456	L L	O	025 00	80 297 09 03	G	81/148	B=5,6X,C=45,B=30
AG	DRA	ZACMP 16 01 23.2	+66 56 25	11.0	E0.0	K3 III	57	SWP 10456	L S	O	007 00	80 297 09 40	G	81/148	B=196,C=45,B=30
AG	DRA	ZACMP 16 01 23.2	+66 56 25	11.0	E0.0	K3 III	57	LWR 9131	L L	O	010 00	80 297 09 53	G	81/148	B=222,C=150,B=30
*D067	922	NPCJL 16 01 24.0	+66 55 0	10		0 *	70	SWP 9381	L S	O	025 00	80 179 06 27	G	81/027	B=255,4X,C=75,B=25
*D067	922	NPCJL 16 01 24.0	+66 55 0	10		0 *	70	SWP 9381	L L	O	007 00	80 179 06 58	G	81/027	B=255,C=50,B=25
*D067	922	NPCJL 16 01 24.0	+66 55 0	10		0 *	70	LWR 8132	L L	O	020 00	80 179 07 11	G	81/027	B=255,C=210,B=30
*D067	922	NPCJL 16 01 24.0	+66 55 0	10		0 *	70	SWP 9382	L L	O	040 00	80 179 07 38	G	81/027	B=255,15X,C=130,B=28

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*D067	922 NPCJI	16 01 24.0	+66 55 0	10		0	*	70 SWP 9382	L S	C	008 00	80 179 08 24	G	81/027	E=255,C=45,B=28
*D067	922 NPCJI	16 01 24.0	+66 55 0	10		0	*	70 LWR 8133	L L	O	045 00	80 179 08 37	G	81/027	E=255,8X,C=255,B=30
*D067	922 NPCJI	16 01 24.0	+66 55 0	10		0	*	70 LWR 8133	L S	O	010 00	80 179 09 25	G	81/027	E=169,C=120,B=30
*D067	922 NPCJI	16 01 24.0	+66 55 0	10		0	*	70 SWP 9383	H L	O	050 00	80 179 09 40	G	81/027	E=255,B=23
*D067	922 NPCJI	16 01 24.0	+66 55 0	10		0	*	70 LWR 8134	H L	O	040 00	80 179 10 35	G	81/027	E=139,B=32
*D067	922 NPCJI	16 01 24.0	+66 55 0	10		0	*	70 SWP 9384	H L	O	110 00	80 179 11 19	G	81/027	E=255,2-3X,B=32
*D067	922 NPCJI	16 01 24.0	+66 55 0	10		0	*	70 LWR 8135	H L	O	065 00	80 179 13 13	G	81/033	E=211,C=80,B=40
*D067	922 NPCJI	16 01 24.0	+66 55 0	10		0	*	70 SWP 9385	L L	O	001 44	80 179 14 21	G	81/033	E=114,C=30,C=19
*N067	922 NPCJI	16 01 24.0	+66 55 0	10		0	*	70 SWP 9385	L S	O	005 00	80 179 14 36	G	81/033	E=131,C=30,B=20
HD 144334	HWDAK	16 03 07.0	-23 28 14	5.9	-0.12	B8 III	25	SWP 9223	L L	O	000 18	80 159 19 39	G	81/009	C=160,B=15,TRAILED
HD 144334	HWDAK	16 03 07.0	-23 28 14	5.9	-0.12	B8 III	25	LWR 7979	L L	O	000 13	80 159 19 49	G	81/009	C=185,B=25,TRAILED
HD 144334	HWDAK	16 03 07.0	-23 28 14	5.9	-0.12	B8 III	25	SWP 9224	H L	O	007 09	80 159 20 23	G	81/009	C=135,B=35
HD 144334	HWDAK	16 03 07.0	-23 28 14	5.9	-0.12	B8 III	25	LWR 7980	H L	O	004 16	80 159 20 52	G	81/009	C=180,B=30
*9 SCO	HSCBW	16 03 52.7	-20 32 07	4.1	E0.22	B1 V	20	SWP 9237	L S	O	000 01	80 161 19 55	G	81/014	E=255,C=280,B=18
*9 SCO	HSCBW	16 03 52.7	-20 32 07	4.1	E0.22	B1 V	20	SWP 9237	L L	O	000 00	80 161 19 59	G	81/014	E=156,C=140,B=18
*9 SCO	HSCBW	16 03 52.7	-20 32 07	4.1	E0.22	B1 V	20	LWR 7997	L S	O	000 03	80 161 20 02	G	81/008	C=255,3X,B=27
*9 SCO	HSCBW	16 03 52.7	-20 32 07	4.1	E0.22	B1 V	20	LWR 7997	L L	O	000 00	80 161 20 05	G	81/008	C=150,B=27
*9 SCO	HSCBW	16 03 52.7	-20 32 07	4.1	E0.22	B1 V	20	SWP 9238	H L	O	000 37	80 161 20 54	G	81/014	C=160,B=32
*9 SCO	HSCBW	16 03 52.7	-20 32 07	4.1	E0.22	B1 V	20	SWP 9239	L S	O	000 01	80 161 21 20	G	81/014	C=255,B=20
*9 SCO	HSCBW	16 03 52.7	-20 32 07	4.1	E0.22	B1 V	20	SWP 9239	L L	O	000 01	80 161 21 25	G	81/014	C=220,B=20,TRAILED
*H 144668	PT361	16 05 13.0	-38 58 00	6.6			*	31 SWP 9973	L L	O	012 00	80 244 18 29	V	/	731
*H 144668	PT361	16 05 13.0	-38 58 00	6.6			*	31 SWP 9974	H L	O	355 00	80 244 19 12	V	/	673
TON 256	QSCHS	16 12 08.7	+26 11 46	15.4	E0.03		*	85 SWP 10071	L L	O	405 00	80 254 00 44	G	81/098	E=200,C=120,B=81
*H 146361	UK303	16 12 49.0	+33 59 00	5.8			*	41 LWR 8761	L L	O	001 30	80 253 19 08	V	/	702
*H 146361	UK303	16 12 49.0	+33 59 00	5.8			*	41 SWP 10067	L S	O	025 00	80 253 19 12	V	/	321

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*H 146361	UK303	16 12 49.0	+33 59 00	5.8			* 41	SWP 10067	L	L O	012 30	80 253 19 44	V	/	321
*H 146361	UK303	16 12 49.0	+33 59 00	5.8			* 41	LWR 8762	H	L O	035 00	80 253 19 59	V	/	553
*SCO X-1	UK225	16 17 04.0	-15 31 00	13.0			* 59	SWP 8744	L	L O	045 00	80 104 03 26	V	/	401
*SCO X-1	UK225	16 17 04.0	-15 31 00	13.0			* 59	LWR 7496	L	L O	045 00	80 104 04 19	V	/	402
*SCO X-1	UK328	16 17 04.0	-15 31 00	9.8			* 59	SWP 9636	L	L O	040 00	80 211 20 59	V	/	452
*SCO X-1	UK328	16 17 04.0	-15 31 00	9.8			* 59	LWR 8385	L	L O	040 00	80 211 21 50	V	/	502
*SCO X-1	UK328	16 17 04.0	-15 31 00	13.0			* 59	LWR 8400	L	L O	030 00	80 213 01 45	V	/	302
*SCO X-1	UK328	16 17 04.0	-15 31 00	13.0			* 59	SWP 9658	L	L O	047 00	80 213 02 20	V	/	342
*SCO X-1	UK328	16 17 04.0	-15 31 00	13.0			* 59	LWR 8416	L	L O	040 00	80 215 18 34	V	/	401
*SCO X-1	UK328	16 17 04.0	-15 31 00	13.0			* 59	SWP 9677	L	L O	060 00	80 215 19 19	V	/	341
*V818 SCO	XBCHG	16 17 04.3	-15 31 15	13.0	0.19	0	* 59	SWP 9417	H	L O	540 00	80 184 04 52	G	81/033	C=40-30,B=125
HD 147165	MLBAE	16 18 08.9	-25 28 28	3.08		B1	* 23	LWR 7410	H	L O	001 00	80 095 19 14	G	80/325	C=¬3X,B=45
HD 147165	MLBAE	16 18 08.9	-25 28 28	3.08		B1	* 23	SWP 8656	H	L O	000 39	80 095 19 21	G	80/325	C=1.5X,B=40
HD 147165	MLBAB	16 18 08.9	-25 28 28	3.08		B1	* 23	LWR 7411	H	L O	000 19	80 095 20 14	G	80/330	C=220,B=30
HD 147165	MLBAE	16 18 08.9	-25 28 28	3.08		B1	* 23	SWP 8657	H	L O	000 19	80 095 20 51	G	80/330	C=160,B=27
HD 147547	BPSID	16 19 42.6	+19 16 09	3.8	E-.01	A9 III	33	SWP 10872	L	L O	001 47	80 358 00 55	G	81/208	C=225,B=19,TRAILED
HD 147547	BPSID	16 19 42.6	+19 16 09	3.8	E-.01	A9 III	33	LWR 9560	L	L O	000 23	80 358 01 08	G	81/208	C=215,B=23,TRAILED
*H 147419	UK328	16 20 36.0	-51 25 00	11.0			* 11	SWP 9638	L	L O	045 00	80 211 02 12	V	/	232
*H 147419	UK328	16 20 36.0	-51 25 00	11.0			* 11	LWR 8387	L	L O	047 00	80 211 03 00	V	/	562
HD 147419	WBCWB	16 20 37.2	-51 25 08	11.4	E0.96	WN6	* 11	SWP 9186	L	L O	050 00	80 155 17 33	G	81/001	E=161,C=105,B=50
HD 147419	WBCWB	16 20 37.2	-51 25 08	11.4	E0.96	WN6	* 11	LWR 7943	L	L O	060 00	80 155 18 27	G	81/001	E=1.5-2X,C=190,B=80
HD 147419	WBCWB	16 20 37.2	-51 25 08	11.4	E0.96	O9 IB	11	LWR 8480	L	L O	020 00	80 223 15 37	G	81/077	E=154,C=110,B=32
*H 147889	JP372	16 22 23.0	-24 21 00	7.9			* 20	SWP 10176	L	L O	006 00	80 262 16 31	V	/	501
*H 147889	JP372	16 22 23.0	-24 21 00	7.9			* 20	LWR 8842	L	L O	004 00	80 262 16 41	V	/	602
*H 147889	JP372	16 22 23.0	-24 21 00	7.9			* 20	SWP 10177	H	L O	364 00	80 262 17 13	V	/	304

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 148387	MLCJI	16	23	18.0	+61	37	0	2.8	0.91	G8	III	45 LWR 7567	H	L	0	020	00	80	111	22	18	G	80/332	E=230,B=50
HD 148387	MLCJL	16	23	18.0	+61	37	00	2.8	E0.0	G8	III	45 SWP 9865	L	L	0	240	00	80	235	02	10	G	81/084	E=146,C=2X,B=50
HD 147675	MLCAD	16	25	42.8	-78	47	20	3.9	+0.91	K0	IV	46 LWR 7740	H	L	0	030	00	80	134	16	36	G	80/344	E=255,C=255,B=58
HD 147675	MLCAD	16	25	42.8	-78	47	20	3.9		K0	IV	46 LWR 8938	H	L	0	024	00	80	276	11	09	G	81/120	E=216,C=215,B=35
*E0006134	MLBAE	16	26	20.0	-26	19	0	6.6		B3	V	39 LWR 7412	H	L	0	003	00	80	095	21	19	G	80/330	E=210,C=120,B=25
*E0006134	MLBAB	16	26	20.0	-26	19	0	1.2		M2	IB	49 SWP 8658	H	L	0	004	29	80	095	21	51	G	80/325	C=240,B=40
*E0006134	MLBAB	16	26	20.0	-26	19	0	1.2		M2	IB	49 LWR 7413	H	L	0	005	00	80	095	22	31	G	80/325	E=3X,C=2X,B=32
*E0006134	MLBAE	16	26	20.0	-26	19	0	1.2		M2	IB	49 SWP 8659	H	L	0	004	00	80	095	23	03	G	80/322	C=246,B=40
*E0006134	MLBAE	16	26	20.0	-26	19	0	1.2		M2	IB	49 LWR 7414	H	L	0	003	29	80	095	23	39	G	80/325	C=225,B=32
*E0006134	MLBAB	16	26	20.0	-26	19	0	1.2		M2	IB	49 SWP 8660	H	L	0	004	00	80	096	00	08	G	80/325	C=240,B=40
*E0006134	MLBAE	16	26	20.0	-26	19	0	1.2		M2	IB	49 LWR 7415	H	L	0	003	29	80	096	00	39	G	80/322	E=260,C=245,B=33
*E0006134	MLBAE	16	26	20.0	-26	19	0	1.2		M2	IB	49 SWP 8661	H	L	0	004	00	80	096	01	11	G	80/322	C=230,B=38
HD 148605	HWDAK	16	27	09.0	-25	00	24	4.8	-0.13	B2	V	20 SWP 9221	L	L	0	000	02	80	159	17	14	G	81/014	C=160,B=15,TRAILED
HD 148605	HWDAK	16	27	09.0	-25	00	24	4.8	-0.13	B2	V	20 LWR 7977	L	L	0	000	03	80	159	17	25	G	81/014	C=190,B=30,TRAILED
HD 148605	HWDAK	16	27	09.0	-25	00	24	4.8	-0.13	B2	V	20 SWP 9222	H	L	0	001	05	80	159	18	19	G	81/014	C=165,160,B=30
HD 148605	HWDAK	16	27	09.0	-25	00	24	4.8	-0.13	B2	V	20 LWR 7978	H	L	0	001	04	80	159	18	23	G	81/009	C=195,B=30
HD 148856	CCCLK	16	28	04.1	+21	35	50	2.8		G8	III	45 LWR 8025	H	L	0	010	00	80	165	18	40	G	81/008	E=255,2X,C=250,B=82
PG 1628+554	FECRG	16	28	07.2	+55	21	46	15.0		A	WD	37 LWR 8947	L	L	0	120	00	80	278	01	36	G	81/121	C=165,B=40
PG 1628+554	FECRG	16	28	07.2	+55	21	46	15.0		A	WD	37 SWP 10276	L	L	0	120	00	80	278	03	41	G	81/120	E=234,C=210,B=20
HD 148937	IGCFE	16	30	09.7	-48	00	24	6.7	E0.67	O7	V	12 SWP 9717	H	S	0	060	00	80	220	10	53	G	81/083	C=220,B=58
HD 149038	IGCFE	16	30	31.9	-43	56	29	4.9	0.31	B0	IB	23 SWP 9264	H	S	0	005	16	80	164	14	26	G	81/014	C=255,1.5X,B=82
HD 149038	IGCFE	16	30	31.9	-43	56	29	4.9	E0.31	B0	IB	23 SWP 9716	H	S	0	005	16	80	220	10	20	G	81/083	C=225,B=35
HD 149438	BECJM	16	32	45.9	-28	06	51	2.8	E0.04	B0	V	20 SWP 9807	H	S	0	000	14	80	229	12	55	G	81/077	C=2X,B=45
HD 149438	BECJM	16	32	45.9	-28	06	51	2.8	E0.04	B0	V	20 SWP 9809	H	S	0	000	09	80	229	14	01	G	81/084	C=240,B=40
HD 149438	MLBAB	16	32	45.9	-28	06	50	2.90		B0	*	20 LWR 7409	H	L	0	000	14	80	095	18	30	G	80/330	C=¬3X,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 149438	PHCAL	16 32 45.9	-28 6 51	2.8	E0.06	B0 V	20	SWP 8682	H S	O	000 08	80 097 22 20	G	80/330	C=205,B=32
HD 149438	PHCAL	16 32 45.9	-28 6 51	2.8	E0.06	B0 V	20	LWR 7433	H S	O	000 10	80 097 22 24	G	80/330	C=210,B=40
HD 149438	PHCAL	16 32 45.9	-28 6 51	2.8	E0.06	B0 V	20	SWP 8683	H L	O	000 05	80 097 23 13	G	80/330	C=225,B=32
HD 149438	PHCAL	16 32 45.9	-28 6 51	2.8	E0.06	B0 V	20	LWR 7434	H L	O	000 05	80 097 23 17	G	80/330	C=215,B=32
HD 149438	PHCAL	16 32 45.9	-28 06 51	2.8	E0.06	B0 V	20	SWP 9744	H S	O	000 09	80 222 10 49	G	81/078	C=225,B=33
HD 149438	PHCAL	16 32 45.9	-28 06 51	2.8	E0.06	B0 V	20	SWP 9745	H L	O	000 05	80 222 11 15	G	83/078	C=220,B=38
HD 149438	PHCAL	16 32 45.9	-28 06 51	2.8	E0.06	B0 V	20	LWR 8470	H S	O	000 10	80 222 11 39	G	81/077	C=210,B=33
HD 149438	PHCAL	16 32 45.9	-28 06 51	2.8	E0.06	B0 V	20	LWR 8471	H L	O	000 06	80 222 12 10	G	81/078	C=220,B=33
HD 149438	PHCAL	16 32 45.9	-28 06 51	2.8	E0.06	B0 V	20	SWP 10255	H L	O	000 05	80 274 11 15	G	81/119	C=220,B=35
HD 149438	PHCAL	16 32 45.9	-28 06 51	2.8	E0.06	B0 V	20	LWR 8920	H L	O	000 05	80 274 11 19	G	81/119	C=225,B=31
HD 149404	MICJH	16 32 50.9	-42 45 27	05.6	E0.70	O9 *	13	SWP 9339	H S	O	025 00	80 173 19 32	G	81/022	C=210,B=73
HD 149404	CBCSE	16 32 51.1	-42 45 27	5.5	E0.0	O9 IB	12	SWP 9631	H S	O	030 00	80 211 15 54	G	81/117	B=241,C=220,B=55
HD 149404	CECSE	16 32 51.1	-42 45 27	5.5		O9 IB	12	SWP 9675	H S	O	030 00	80 215 16 34	G	81/064	C=205,B=60
HD 149404	CBCSH	16 32 51.1	-42 45 27	5.5	E0.0	O9 IB	12	SWP 9737	H S	O	030 00	80 221 13 50	G	81/078	C=230,B=62
*CM-DRA	UK374	16 33 24.0	+57 15 00	12.9		*	48	SWP 9792	L L	O	045 00	80 227 18 52	V	/	111
*CM-DRA	UK374	16 33 24.0	+57 15 00	12.9		*	48	LWR 8508	L L	O	030 00	80 227 19 41	V	/	111
HD 149757	BECJH	16 34 24.0	-10 28 03	2.6	E0.32	B0 V	12	SWP 9808	H S	O	000 24	80 229 13 30	G	81/077	C=190,B=32
HD 149757	OD35B	16 34 24.0	-10 28 02	2.7	E0.32	O9 V	74	SWP 9689	H S	O	000 39	80 216 16 25	G	81/062	C=255,B=40
HD 149757	OD35E	16 34 24.0	-10 28 02	2.7	E0.32	O9 V	74	LWR 8429	H S	O	000 24	80 216 16 30	G	81/064	C=240,B=30
HD 149757	OD35E	16 34 24.0	-10 28 02	2.7	E0.32	O9 V	74	SWP 9690	H S	O	000 29	80 216 17 16	G	81/064	C=215,B=30
HD 149757	OD35B	16 34 24.0	-10 28 02	2.7	E0.32	O9 V	74	LWR 8430	H S	O	000 34	80 216 17 20	G	81/064	C=1.5-2X,B=35
*H 149757	UKCAL	16 34 24.0	-10 28 00	2.2		*	13	SWP 8797	H L	O	000 15	80 112 07 06	V	/	401
*H 149757	UKCAL	16 34 24.0	-10 28 00	2.2		*	13	LWR 7572	H L	O	000 07	80 112 07 29	V	/	401
*H 149757	UKCAL	16 34 24.0	-10 28 00	2.2		*	13	SWP 8798	H L	O	001 00	80 112 08 40	V	/	601
*H 149757	UKCAL	16 34 24.0	-10 28 00	2.2		*	13	LWR 7573	H L	O	000 30	80 112 08 44	V	/	501

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*E 149757	UKCAL	16 34 24.0	-10 28 00	2.2			* 13	SWP 8799	H	L	O 000 30	80 112 09 30	V	/	601
*H 149757	UKCAL	16 34 24.0	-10 28 00	2.2			* 13	LWR 7574	H	L	O 000 15	80 112 09 43	V	/	601
*H 149757	UK328	16 34 24.0	-10 28 00	2.6			* 14	SWP 9637	H	L	O 000 23	80 211 22 42	V	/	502
*H 149757	VD375	16 34 24.0	-10 28 00	02.6			* 12	SWP 9123	H	L	O 000 23	80 147 00 45	V	/	501
*H 149757	VD375	16 34 24.0	-10 28 00	02.6			* 12	LWR 7857	H	L	O 000 14	80 147 01 54	V	/	501
HD 149730	CBCGM	16 35 34.7	-56 53 35	6.8	E0.10	B9 V	27	LWR 7869	H	L	O 020	00 80 148 08 42	G	80/360	C=135,B=35
HD 149730	CBCGM	16 35 34.8	-56 53 36	6.0	E0.10	B9 V	22	LWR 7781	H	L	O 006	00 80 138 19 57	G	80/353	C=100,B=30
HD 149730	CBCGM	16 35 34.8	-56 53 36	6.0	E0.10	B9 V	22	SWP 9026	H	L	O 018	00 80 138 20 09	G	80/353	C=115,B=42
HD 149730	CBCGM	16 35 34.8	-56 53 36	6.0	E0.10	B9 V	22	LWR 7782	H	L	O 011	00 80 138 20 47	G	80/353	C=120,B=38
HD 149730	CBCGM	16 35 34.8	-56 53 36	6.0	E0.10	B9 V	27	SWP 9138	H	L	O 030	00 80 148 09 08	G	80/360	C=120,B=30
HD 149730	CBCGM	16 35 34.8	-56 53 36	6.0	E0.10	B9 V	27	LWR 7877	H	L	O 030	00 80 148 22 08	G	80/358	C=190,B=36
HD 149730	CBCGM	16 35 34.8	-56 53 36	6.0	E0.10	B9 V	27	SWP 9144	H	L	O 050	00 80 148 22 52	G	80/358	C=200,B=40
HD 149730	CBCGM	16 35 34.8	-56 53 36	6.0	E0.10	B9 V	27	LWR 7888	H	L	O 034	00 80 150 21 42	G	81/002	E=255X,C=260,B=42
HD 149730	CBCGM	16 35 34.8	-56 53 36	6.0	E0.10	B9 V	27	SWP 9151	H	L	O 055	00 80 150 22 20	G	81/002	C=220,B=43
HD 149730	CBCGM	16 35 34.8	-56 53 36	6.0	E0.10	B9 V	27	LWR 7889	H	L	O 025	00 80 150 23 20	G	81/002	C=200,B=42
HD 150136	IGCFB	16 37 35.1	-48 40 01	6.9	E0.51	O5 III	13	SWP 9718	H	S	O 004	29 80 220 12 22	G	81/083	C=120,B=30
HD 150680	CCBEE	16 39 23.9	+31 41 31	2.8		G0 IV	44	SWP 10228	L	L	O 060	00 80 270 13 02	G	81/117	C=5-10X,B=37
*B29	UK231	16 39 46.0	+36 32 00	13.1			* 24	LWR 7508	L	L	O 082	00 80 106 08 25	V	/	003 STAR IN N 6205
*E29	UK231	16 39 46.0	+36 32 00	13.1			* 24	LWR 7526	L	L	O 070	00 80 108 02 35	V	/	704 STARIN N6205
*E29	UK231	16 39 46.0	+36 32 00	13.1			* 24	SWP 8778	L	L	O 050	00 80 108 03 49	V	/	701 STARIN N6205
*B29	UK231	16 39 46.0	+36 32 00	13.1			* 24	LWR 7527	L	L	O 040	00 80 108 04 42	V	/	602 STARIN N6205
*E29	UK231	16 39 46.0	+36 32 00	13.1			* 24	SWP 8779	L	L	O 030	00 80 108 05 26	V	/	501 STARIN N6205
*E-29 M13	GCCTM	16 39 46.3	+36 31 48	13.0	+36	B	* 83	SWP 9577	L	L	O 165	C0 80 206 04 52	G	81/056	C=255,5-10X,B=37
*B-29 M13	GCCTM	16 39 46.3	+36 31 48	13.0		B	* 83	SWP 9578	L		O 015	00 80 206 08 03	G	81/056	C=129,B=18
NGC 6205	GCCTM	16 39 47.6	+36 34 54	13.0		B0	* 83	SWP 10170	L	L	O 180	00 80 262 00 35	G	81/106	C=140,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
NGC 6205	GCCTM	16	39	54.0	+36	33	0	13.0	0.23	B0	* 20	SWP 9599	L	L	0 025	00	80	207	15	43	G	81/	056	C=180,B=32
NGC 6205	GCCTM	16	39	54.0	+36	33	0	13.0	0.23	B0	* 83	LWR 8357	L	L	0 015	00	80	207	16	16	G	81/	056	C=160,B=40
NGC 6205	GCCTM	16	39	54.0	+36	33	0	13.0	0.23	B0	* 20	SWP 9600	L	L	0 025	00	80	207	17	01	G	81/	056	C=160,B=32
NGC 6205	GCCTM	16	39	54.0	+36	33	0	13.0	0.23	B0	* 20	LWR 8358	L	L	0 025	00	80	207	17	30	G	81/	056	C=215,B=32
*BARNAB29	IGCBS	16	39	54.0	+36	33	00	12.96	0.10	B3	* 27	SWP 9300	L	L	0 010	00	80	169	08	03	G	81/	014	C=85,B=20
*BARNAR29	IGCBS	16	39	54.0	+36	33	00	12.96	0.10	B3	* 27	LWR 8061	H	L	0 210	00	80	169	08	55	G	81/	014	C=135,B=52
*BARNAR29	IGCBS	16	39	54.0	+36	33	0	12.96	0.10	B3	* 27	SWP 9304	H	L	0 340	00	80	170	07	00	G	81/	034	C=140,B=75
*BARNAB29	IGCBS	16	39	54.0	+36	33	0	12.96	0.10	B3	* 27	LWR 8066	L	L	0 020	00	80	170	12	47	G	81/	026	C=165,B=42
NGC 6205	IGCBS	16	39	54.0	+36	33	00	13.0	E0.10	B3	* 24	FES 1280	S	2	020	00	80	326	20	35	G	81/	167	NONE
NGC 6205	IGCBS	16	39	54.0	+36	33	00	13.0	E0.13	B3	* 24	SWP 10653	H	L	0 381	00	80	326	20	59	G	81/	177	C=135,B=75
NGC 6205	IGCBS	16	39	54.0	+36	33	00	13.0	E0.10	B3	* 24	LWR 9368	H	L	0 300	00	80	327	20	55	G	81/	167	C=1,B=70
*IV52 M13	GCCTM	16	40	04.8	+36	32	06	13.9		B	* 83	SWP 9579	L	L	0 060	00	80	206	09	02	G	81/	051	C=50,B=26
*IV,52M13	GCCTM	16	40	04.9	+36	32	07	13.9	0.23	B0	* 83	SWP 9604	L	L	0 120	00	80	208	15	51	G	81/	056	C=65,B=40
HD 150997	MLCJL	16	41	11.0	+39	00	59	2.2	0.92	K5	III 47	LWR 7563	H	L	0 000	00	80	111	18	07	G	80/	331	B=55
HD 150997	MLCJL	16	41	11.0	+39	00	59	3.5	E0.13	G7	IV 45	SWP 9554	L	L	0 180	00	80	203	04	33	G	81/	058	B=253,C=1.5-2X,B=30
HD 150997	MLCJL	16	41	11.0	+39	00	59	3.5	E0.13	G7	IV 45	LWR 8307	H	L	0 045	00	80	203	07	38	G	81/	058	B=2X,C=1.5-2X,B=40
AH HBB	CVCFC	16	42	05.0	+25	20	30	13.9	E0.0	0	* 54	LWR 8736	L	L	0 060	00	80	251	00	31	G	81/	098	C=145,B=32
AH HBR	CVCFC	16	42	05.0	+25	20	30	13.9	E0.0	0	* 54	SWP 10037	L	L	0 090	00	80	251	01	36	G	81/	098	B=150,C=120,B=32
NGC 6210	FBCSB	16	42	23.6	+23	53	28	9.5		O5	* 70	SWP 10732	H	L	0 360	00	80	337	18	47	G	81/	183	B=100X,C=185,B=75
NGC 6210	FBCSB	16	42	24.0	+23	54	00	9.5		O5	* 70	LWR 9422	L	L	0 018	00	80	338	01	04	G	81/	183	C=210,B=32
NGC 6210	FBCSB	16	42	24.0	+23	54	00	9.5		O5	* 70	SWP 10733	L	L	0 016	00	80	338	02	00	G	81/	183	B=201,C=180,B=19
HD 150898	IGCFB	16	43	03.3	-58	15	06	5.60	E0.01	B0	IB 23	SWP 9267	H	S	0 004	29	80	164	16	08	G	81/	008	C=205,B=65
HD 150898	BFSTD	16	43	03.3	-58	15	06	5.57	E-.07	B0	IA 23	SWP 10173	L	L	0 000	00	80	262	09	43	G	81/	107	C=190,B=20
HD 150898	BFSTD	16	43	03.3	-58	15	06	5.57	E-.07	B0	IA 23	LWR 8837	L	L	0 000	00	80	262	09	52	G	81/	107	C=260,B=23
*H 150798	UK362	16	43	21.0	-68	56	00	1.9			* 46	SWP 8986	H	L	0 540	00	80	134	04	39	V	/		598IMAGE READ AT GSF

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 150798	CSCRW	16 43 21.1	-68 56 20	1.9	E0.05	K4 III	47	SWP 10031	L	L	O 060	00 80 250 13 22	G	81/098	E=255,3X,C=130,B=32
HD 150798	CSCEW	16 43 21.1	-68 56 20	1.9		K4 III	47	LWR 9587	H	L	O 040	00 80 362 06 28	G	/	E=2-3X,C=225,B=38
HD 150798	CSCRW	16 43 21.1	-68 56 20	1.9		K4 III	47	SWP 10903	L	L	O 040	00 80 362 07 11	G	/	E=52,1.5X,C=135,B=32
HD 150798	MLCAL	16 43 21.1	-68 56 20	1.9	1.44	K4 III	47	SWP 8986	H	L	O 540	00 80 134 04 39	G	80/356	E=220,C=140,B=97
HD 150798	MLCAL	16 43 21.1	-68 56 20	1.9	1.44	K4 III	47	LWR 7738	H	L	O 010	00 80 134 13 59	G	80/346	E=-2X,C=90,B=25
HD 150798	MLCAL	16 43 21.1	-68 56 20	1.9	1.44	K4 III	47	SWP 8987	L	L	O 060	00 80 134 14 28	G	81/033	E=255,C=120,B=35
HD 150798	MLCAL	16 43 21.1	-68 56 20	1.9	1.44	K4 III	47	LWR 7739	H	L	O 030	00 80 134 15 35	G	80/344	E=255,C=200,B=45
HD 150798	MLCDM	16 43 22.0	-68 56 30	1.9		K4 III	46	LWR 8565	H	L	O 030	00 80 233 16 30	G	81/084	E=255,5-10X,C=150,B=
*C+741569	UK361	16 44 27.0	-74 27 00	10.2		*	12	SWP 9500	H	L	O 145	00 80 193 20 26	V	/	562
*C+741569	UK361	16 44 27.0	-74 27 00	10.2		*	12	LWR 8226	H	L	O 120	00 80 193 22 55	V	/	504
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9450	L	L	O 003	11 80 187 00 39	V	/	501
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9451	L	L	O 003	15 80 187 01 16	V	/	501
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9452	L	L	O 003	00 80 187 01 50	V	/	500
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9453	L	L	O 003	00 80 187 02 19	V	/	500
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9454	L	L	O 003	30 80 187 02 59	V	/	501
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9455	L	L	O 003	30 80 187 03 31	V	/	500
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	LWR 8187	L	L	O 004	00 80 187 20 29	V	/	702
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9444	L	L	O 003	00 80 187 20 37	V	/	501
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	LWR 8188	H	L	O 180	00 80 187 21 12	V	/	505 MICPH
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9445	L	L	O 003	00 80 187 21 40	V	/	501
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9446	L	L	O 003	00 80 187 22 13	V	/	501
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9447	L	L	O 002	30 80 187 22 46	V	/	500
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9448	L	L	O 002	30 80 187 23 23	V	/	501
*B+133224	UK347	16 45 46.0	+13 21 00	10.5		*	20	SWP 9449	L	L	O 002	45 80 187 23 57	V	/	500
HD 151680	MLCDM	16 46 55.0	-34 12 15	2.3	E0.01	K2 III	46	LWR 9031	H	L	O 020	00 80 288 09 02	G	81/131	E=236,C=220,B=28

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 151680	HLCDM	16	46	55.0	-34	12	15	2.3		K2	III	46 SWP 10362	L	L	0	027	49	80	288	09	33	G	81/131	B=48,C=10,B=27
HD 151804	IGCFB	16	48	03.3	-41	08	47	5.2	E0.07	O8	IB	13 SWP 9265	H	S	0	007	00	80	164	14	58	G	81/014	C=255,2X,B=110
HD 151804	IGCFE	16	48	03.3	-41	08	47	5.2	E0.07	O8	IB	13 SWP 9269	H	S	0	007	29	80	164	17	27	G	81/008	C=255,1.5X,B=70
*N 6221	MF397	16	48	26.0	-59	08	00	11.4				* 88 SWP 9333	L	L	0	255	00	80	172	01	35	V	/	203
*N 6221	MF397	16	48	26.0	-59	08	00	11.4				* 88 LWR 8092	L	L	0	180	00	80	172	23	30	V	/	308
HD 152147	HSCSE	16	49	57.1	-42	02	22	7.3		O9	IB	13 SWP 10341	L	L	0	001	52	80	286	08	56	G	81/131	C=205,B=26
HD 152147	HSCSE	16	49	57.2	-42	02	22	7.3		O9	IB	13 SWP 10337	L	L	0	000	29	80	286	06	22	G	81/141	C=70,B=26
HD 152235	HSCSE	16	50	27.6	-41	54	48	6.3		B5	IA	23 SWP 10338	L	L	0	000	16	80	286	07	01	G	81/141	C=45,B=24
HD 152235	HSCSE	16	50	27.6	-41	54	48	6.3		B0	IA	23 SWP 10340	L	L	0	002	14	80	286	08	24	G	81/131	C=230,B=21
HD 152236	HSCSE	16	50	27.7	-42	16	51	4.8		B1	IB	23 SWP 10342	L	L	0	000	18	80	286	09	27	G	81/141	C=162,B=20
*H 152236	PHCAL	16	50	28.0	-42	17	00	4.7				* 23 SWP 8913	L	L	0	000	18	80	125	06	31	V	/	450
HD 152236	PHCAL	16	50	28.0	-42	16	51	4.9				* 27 SWP 8913	L	L	0	000	17	80	125	06	31	V	81/117	
*H 152236	PHCAL	16	50	28.0	-42	17	00	4.7				* 23 LWR 7664	H	L	0	005	40	80	125	06	34	V	/	552
HD 152236	PHCAL	16	50	28.0	-42	16	51	4.9				* 27 LWR 7664	H	L	0	005	39	80	125	06	34	V	81/117	
*H 152236	PHCAL	16	50	28.0	-42	17	00	4.7				* 23 SWP 8914	H	L	0	025	00	80	125	07	01	V	/	551
HD 152236	PHCAL	16	50	28.0	-42	16	51	4.9				* 27 SWP 8914	H	L	0	025	00	80	125	07	01	V	81/117	
*H 152236	PHCAL	16	50	28.0	-42	17	00	4.7				* 23 LWR 7665	L	L	0	000	04	80	125	07	31	V	/	552
HD 152236	PHCAL	16	50	28.0	-42	16	51	4.9				* 27 LWR 7665	L	L	0	000	03	80	125	07	31	V	81/118	
*H 152236	VILSE	16	50	28.0	-42	17	00	4.7				* 23 LWR 7611	L	L	0	000	04	80	117	07	47	V	/	552
*H 152236	VILSE	16	50	28.0	-42	17	00	4.7				* 23 LWR 7611	L	S	0	000	10	80	117	07	50	V	/	552
*H 152236	VILSE	16	50	28.0	-42	17	00	4.7				* 23 SWP 8829	L	L	0	000	18	80	117	07	52	V	/	451
*H 152236	VILSE	16	50	28.0	-42	17	00	4.7				* 23 SWP 8829	L	S	0	000	55	80	117	07	55	V	/	561
*H 152236	VILSE	16	50	28.0	-42	17	00	4.7				* 23 SWP 8830	H	L	0	035	00	80	117	08	25	V	/	561
*H 152236	VILSE	16	50	28.0	-42	17	00	4.7				* 23 LWR 7612	H	L	0	005	40	80	117	09	03	V	/	552
*H 152236	VILSE	16	50	28.0	-42	17	00	4.7				* 23 SWP 8831	H	L	0	018	00	80	117	09	30	V	/	451

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*H 152236	VILSP	16 50 28.0	-42 17 00	4.7			* 23	SWP 8968	L	L	O 000 18	80 131 06 31	V	/	340
*H 152236	VILSP	16 50 28.0	-42 17 00	4.7			* 23	LWR 7720	L	L	O 000 04	80 131 06 35	V	/	451
*H 152236	VILSP	16 50 28.0	-42 17 00	4.7			* 23	SWP 8969	H	L	O 035 00	80 131 06 59	V	/	561
HD 152234	HSCSP	16 50 30.9	-41 43 30	6.1		B0	IA 23	SWP 10339	L	L	O 001 34	80 286 07 32	G	81/131	C=15X,B=24
HD 152234	HSCSP	16 50 30.9	-41 43 30	6.1		B0	IA 23	SWP 10343	L	L	O 000 05	80 286 09 55	G	81/141	C=140,B=22
HD 152233	HSCSP	16 50 32.6	-41 42 37	6.6		06	III 13	SWP 10345	L	L	O 000 10	80 286 10 51	G	81/141	C=150,B=15
HD 152248	CBCSB	16 50 39.0	-41 44 39	6.1	0.0	07	IB 12	SWP 9621	H	S	O 021 00	80 210 16 07	G	81/058	B=230,C=225,B=45
HD 152248	CECSB	16 50 39.0	-41 44 39	6.1	E0.0	07	IB 12	SWP 9630	H	S	O 010 00	80 211 15 14	G	81/117	B=133,C=130,B=30
HD 152248	CECSB	16 50 39.0	-41 44 39	6.1		07	IB 12	SWP 9656	H	S	O 019 00	80 213 19 31	G	81/064	B=178,C=180,B=30
HD 152248	CBCSB	16 50 39.0	-41 44 39	6.1		07	IB 12	SWP 9676	H	S	O 014 00	80 215 17 36	G	81/062	C=145,B=35
HD 152248	CECSB	16 50 39.0	-41 44 39	6.1	E0.0	07	IB 12	SWP 9736	H	S	O 021 00	80 221 13 00	G	81/078	C=230,B=58
HD 152249	IGCPB	16 50 40.7	-41 46 07	6.5	E0.45	09	IB 13	SWP 9720	H	S	O 035 00	80 220 14 36	G	81/083	C=230,B=55
HD 153751	CCCLK	16 51 00.9	+82 07 21	4.3	0.01	G5	III 45	LWR 8005	H	L	O 010 00	80 163 15 50	G	81/008	B=123,C=115,B=30
HD 153751	CCCLK	16 51 00.9	+82 07 21	4.3	0.01	G5	III 45	SWP 9259	L	L	O 090 00	80 163 16 05	G	81/014	B=177,C=255,5X,B=60
HD 152408	IGCPB	16 51 28.8	-41 04 15	5.8	E0.16	08	IB 13	SWP 9270	H	S	O 013 00	80 164 18 00	G	81/014	C=255,2-3X,B=190
HD 152424	HSCSP	16 51 31.8	-42 00 39	6.3		09	IB 13	SWP 10344	L	L	O 000 28	80 286 10 22	G	81/141	C=155,B=17
HD 152424	IGCPB	16 51 31.8	-42 00 39	6.3	E0.67	09	IB 13	SWP 9719	H	S	O 070 00	80 220 13 01	G	81/083	C=230,B=65
*CL SCO	ZACAM	16 51 40.2	-30 32 29	12.4		M2	II 57	LWR 8296	L	L	O 040 00	80 201 12 30	G	81/051	C=90,B=30
*CL SCO	ZACAM	16 51 40.2	-30 32 29	12.4		M2	II 57	SWP 9543	L	L	O 060 00	80 201 13 15	G	81/051	B=127,C=45,B=26
MRK 501	BLCYK	16 52 11.8	+39 50 25	14.0			* 87	FES 1264	P	2	020 00	80 243 02 42	G	81/084	
MRK 501	BLCYK	16 52 11.8	+39 50 25	14.0			* 87	SWP 9954	L	L	O 420 00	80 243 02 46	G	81/092	B=3-4X,C=170,B=90
*H 152751	UK374	16 52 48.0	-08 15 00	9.1			* 48	LWR 8509	L	L	O 030 00	80 227 00 35	V	/	261
*H 152751	UK374	16 52 48.0	-08 15 00	9.1			* 48	SWP 9794	L	L	O 036 00	80 227 01 10	V	/	231
*V861 SGO	UK225	16 53 07.0	-40 45 00	6.2			* 59	SWP 8710	H	L	O 025 00	80 100 09 19	V	/	501
HD 153210	BLCDM	16 55 18.0	+09 27 05	3.2	E0.01	K2	III 46	LWR 9028	H	L	O 043 00	80 288 03 51	G	81/135	B=205,C=105,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD	153210	HLCDH	16	55	18.0	+09	27	05	3.2	E0.01	K2	III	46	SWP 10359	L	L	0 025	45	80	288	04	42	G	81/131		C=10,B=25
HD	153210	HLCJL	16	55	18.0	+ 9	27	5	3.3	1.15	K1	III	47	LWR 7540	L	L	0 001	39	80	109	00	43	G	80/325		E=255,C=255,B=25
	*HZ HER	HR406	16	56	02.0	+35	25	00	15.0				*	33 LWR 8065	L	L	0 200	00	80	169	00	00	V	/		206
	*HZ HER	HR406	16	56	02.0	+35	25	00	15.0				*	33 SWP 9303	L	L	0 143	00	80	169	03	23	V	/		301
	*HZ HER	HR406	16	56	02.0	+35	25	00	15.0				*	33 SWP 9302	L	L	0 030	00	80	169	23	24	V	/		201
	*HZ HER	HR406	16	56	02.0	+35	25	00	14.3				*	59 LWR 8109	L	L	0 200	00	80	174	02	24	V	/		308
PG	1658+441	FECRG	16	58	17.1	+44	05	22	14.7		A	WD	37	SWP 10289	L	L	0 030	00	80	279	21	58	G	81/120		C=185,B=13
PG	1658+441	FECRG	16	58	17.1	+44	05	22	14.7		A7	WD	37	LWR 8959	L	L	0 030	00	80	279	22	35	G	81/120		C=135,B=30
PG	1658+441	FECRG	16	58	17.1	+44	05	22	14.7		A7	WD	37	SWP 10290	L	L	0 060	00	80	279	23	15	G	81/120		C=210,B=18
	*H 15409C	UK339	17	01	32.0	-34	03	00	4.3				*	23 LWR 8570	H	L	0 003	00	80	233	22	02	V	/		502
	*H 15409C	UK339	17	01	32.0	-34	03	00	4.3				*	23 SWP 9852	H	L	0 014	00	80	233	22	08	V	/		601
	*GL 653	CCCHG	17	02	27.0	-04	59	00	7.7		K5	V	46	LWR 8290	L	L	0 023	00	80	200	17	34	G	81/049		E=167,C=100,B=30
X	1704+241	OD25E	17	04	29.6	+24	02	13	8.5		K		*	59 LWR 9541	L		0 010	00	80	355	22	58	G	81/208		E=72,C=60,B=25
X	1704+241	OD25E	17	04	29.6	+24	02	13	8.5		K		*	59 SWP 10848	L	L	0 015	00	80	355	23	14	G	81/208		E=45,B=19
X	1704+241	OD25E	17	04	29.6	+24	02	13	8.5		K		*	59 LWR 9542	L	L	0 020	00	80	355	23	41	G	81/208		E=92,C=70,B=30
X	1704+241	OD25E	17	04	29.6	+24	02	13	8.5		K		*	59 SWP 10849	L	L	0 015	00	80	356	00	12	G	/		E=36,B=22
	*C-568032	AH351	17	04	48.0	-56	51	00	11.0				*	44 LWR 7700	L	L	0 025	00	80	129	00	41	V	/		563
	*C-568032	AH351	17	04	48.0	-56	51	00	11.0				*	44 SWP 8947	L	L	0 055	00	80	129	01	13	V	/		451
	*IC 4642	MF345	17	07	36.0	-55	20	00	16.0				*	70 SWP 10507	L	L	0 080	00	80	304	16	01	V	/		452
	*IC 4642	MF345	17	07	36.0	-55	20	00	16.0				*	70 LWR 9197	L	L	0 030	00	80	304	17	30	V	/		000 NO QUALITY CODE
	*IC 4642	MF345	17	07	36.0	-55	20	00	16.0				*	70 SWP 10508	H	L	0 006	00	80	304	18	05	V	/		111
	*N 6302	UK337	17	10	21.0	-37	03	00	16.0				*	77 LWR 9062	H	S	C 060	00	80	290	15	13	V	/		102
	*N 6302	UK337	17	10	21.0	-37	03	00	16.0				*	77 SWP 10380	H	S	C 029	00	80	290	16	16	V	/		120
	*N 6302	UK337	17	10	21.0	-37	03	00	16.0				*	77 LWR 9063	L	L	0 060	00	80	290	17	06	V	/		233
	*N 6302	UK337	17	10	21.0	-37	03	00	16.0				*	77 SWP 10381	L	L	0 060	00	80	290	18	11	V	/		131

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*N	6302	UK337	17	10	21.0	-37	03	00	16.0			*	77	LWR	9064	L L	O	144	00	80	290	19	22	V	/	344
*N	6302	UK337	17	10	21.0	-37	03	00	16.0			*	77	SWP	10391	H L	O	405	00	80	291	15	02	V	/	343
NGC	6302	NPCLA	17	10	21.1	-37	2	38	11		0	*	70	SWP	8971	H L	O	210	00	80	131	17	40	G	80/353	B=172,B=130
NGC	6302	NPCLA	17	10	21.1	-37	2	38	11		0	*	70	LWR	7722	H L	O	155	00	80	131	21	15	G	80/353	B=80
NGC	6309	NPCAB	17	11	14.9	-12	51	11	10	0.0	P.N	*	70	SWP	9472	L L	O	040	00	80	190	05	03	G	81/034	B=66,B=20
NGC	6309	NPCAE	17	11	14.9	-12	51	11	10	0.0	P.N	*	70	LWR	8202	L L	O	060	00	80	190	05	47	G	81/034	B=160,C=80,B=35
HD	155937	CECAD	17	11	43.1	+16	24	27	9.0		F8	V	41	SWP	10230	L L	O	150	00	80	271	00	14	G	81/117	B=71,C=205,B=42
*B	156074	FQ409	17	11	56.0	+47	10	00	7.6			*	50	LWR	7772	L L	O	025	00	80	137	02	37	V	/	504
*B	156074	FQ409	17	11	56.0	+47	10	00	7.6			*	50	LWR	7772	L S	O	010	00	80	137	03	06	V	/	304
*B	155806	UK339	17	12	02.0	-33	30	00	5.5			*	12	LWR	8568	H L	O	001	15	80	233	20	34	V	/	402
*B	155806	UK339	17	12	02.0	-33	30	00	5.5			*	12	SWP	9851	H L	O	003	20	80	233	20	38	V	/	501
*B	155806	UK339	17	12	02.0	-33	30	00	5.5			*	12	LWR	8569	H L	O	002	00	80	233	21	24	V	/	502
HD	155885	CCCKB	17	12	15.1	-26	32	27	5.3	E0.0	K1	V	46	LWR	8882	L L	O	000	31	80	268	09	46	G	81/117	C=145,B=24
HD	155885	CCCKB	17	12	15.1	-26	32	27	5.3	E0.0	K1	V	46	SWP	10212	L L	O	030	00	80	268	09	50	G	81/117	B=238,C=50,B=20
*E0006407	MLBAE	17	12	22.0	+14	26	0	3.1	1.2	M5	II	39	LWR	7407	H L	O	120	00	80	095	11	14	G	80/345	B=5-7X,C=2X,B=67
*E0006407	MLBAE	17	12	22.0	+14	26	0	3.1	1.2	M5	II	39	SWP	8655	H L	O	208	00	80	095	13	19	G	80/325	C=220,B=60
*E0006407	MLBAB	17	12	22.0	+14	26	0	3.1	1.2	M5	II	39	LWR	7408	H L	O	060	00	80	095	16	52	G	80/325	B=3X,C=250,B=39
HD	156359	HSCLC	17	16	35.3	-62	52	06	9.7	E0.18	O9	III	13	SWP	9325	L L	O	000	39	80	172	14	20	G	81/022	C=110,B=18
HD	156359	HSCLC	17	16	36.5	-62	52	06	9.7	E0.18	O9	III	13	LWR	8086	L L	O	000	49	80	172	14	14	G	81/022	C=165-170,B=32
HD	157246	IGCFB	17	21	10.7	-56	19	58	3.30	-0.14	B1	IB	23	SWP	9266	H S	O	000	44	80	164	15	34	G	81/008	C=160,B=35
HD	157857	HSCLC	17	23	30.8	-10	57	01	7.8	E0.50	O6.5	III	12	LWR	8085	L L	O	000	39	80	172	12	06	G	81/022	C=260,B=25
HD	157857	HSCLC	17	23	30.8	-10	57	01	7.8	E0.50	O6.5	III	12	SWP	9324	H L	O	052	00	80	172	12	11	G	81/028	B=250,C=200,230,B=70
*B	157857	CI333	17	23	31.0	-10	57	00	7.8			*	15	SWP	10026	H L	O	055	00	80	249	22	52	V	/	501
HD	157999	MLCJL	17	24	02.	+04	11	30	4.3		K2	II	47	LWR	7560	H L	O	040	00	80	110	22	25	G	80/331	B=173,C=120,B=65
*B	157999	DR370	17	24	02.0	+04	11	00	4.3			*	47	SWP	9648	L L	O	024	00	80	212	22	19	V	/	101

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*H 157999	DB370	17 24 02.0	+04 11 00	4.3			* 47	LWR 8395	H L	O	012 00	80 212 22 54	V	/	101
HD 157999	MLCJL	17 24 02.0	+ 4 11 30	4.3	1.0	K2 II	47	LWR 7541	L L	O	003 00	80 109 01 20	G	80/325	E=168,C=140,B=23
HD 157999	MLCJL	17 24 02.0	+ 4 11 30	4.3	E0.20	K2 II	47	LWR 8301	H L	O	060 00	80 202 17 31	G	81/058	E=176,C=100,B=35
*IZW 187	BLCAG	17 27 04.2	+50 15 30	16.0	E0.0	0	* 87	LWR 8475	L L	O	120 00	80 223 02 48	G	81/077	C=90,B=40
*IZW 187	BLCAG	17 27 04.2	+50 15 30	16.0	E0.0	0	* 87	SWP 9757	L L	O	296 00	80 223 04 50	G	81/077	E=91,C=85,B=55
BETA DRA	MLCJL	17 29 17.9	+52 20 59	2.05	1.01	G2 II	45	LWR 7566	H L	O	008 00	80 111 21 33	G	80/331	E=221,C=195,B=35
HD 159176	CBCSE	17 31 26.3	-32 32 56	5.7	0.0	O7 V	12	SWP 9622	H S	O	010 00	80 210 17 06	G	81/058	C=1.5-2X,B=45
HD 159176	CECSE	17 31 26.3	-32 32 56	5.7	E0.0	O7 V	12	SWP 9632	H S	O	008 00	80 211 16 55	G	81/117	C=215,B=40
HD 159176	CECSE	17 31 26.3	-32 32 56	5.7	E0.0	O7 V	12	SWP 9735	H S	O	008 00	80 221 12 14	G	81/078	C=220,B=43
*' 159441	HM334	17 33 51.0	-56 47 00	7.4			* 53	LWR 8042	L L	O	004 00	80 166 02 15	V	/	702
*' 159441	HM334	17 33 51.0	-56 47 00	7.4			* 53	SWP 9285	L L	O	015 00	80 166 02 23	V	/	501
*' 159441	HM334	17 33 51.0	-56 47 00	7.4			* 53	LWR 8043	L L	O	002 00	80 166 02 47	V	/	502
*CLSS4300	HSCJD	17 34 37.4	-35 21 11	9.8	E0.95	B5 IA	27	LWR 8456	L L	O	090 00	80 220 06 21	G	81/065	C=2X,B=33
*OLSS4300	HSCJD	17 34 37.4	-35 21 11	9.8	E0.95	B5 IA	27	SWP 9715	L L	O	064 00	80 220 07 55	G	81/078	C=56,B=31
*OLSS4300	HSCJD	17 34 37.4	-35 21 11	9.8	E0.95	B5 IA	27	LWR 8457	L L	O	045 00	80 220 09 03	G	81/078	E=254,C=230,B=28
*1735-444	BSCJM	17 35 19.0	-44 25 19	17.4		0	* 59	SWP 9534	L L	O	834 24	80 198 21 09	G	81/044	C=30-40X,B=125
*1735-444	BSCJM	17 35 19.0	-44 25 19	17.4	0.0	0	* 59	SWP 9542	L L	O	880 00	80 201 21 10	G	81/058	C=122,B=121
*M1735-44	JP303	17 35 19.0	-44 25 00	17.5			* 59	SWP 9534	L L	O	834 00	80 198 21 09	V	/	209 ESA/NASA EXPO
*M1735-44	JP303	17 35 19.0	-44 25 00	17.5			* 59	SWP 9542	L L	O	880 00	80 200 21 10	V	/	509
NGC 6397	HECAC	17 36 29.9	-53 38 59	13.0		A0	* 38	SWP 9288	L L	O	300 00	80 167 06 57	G	81/014	C=110,122,B=48,B=77
NGC 6397	HBCAC	17 36 30.0	-53 39 00	13.0		A0	* 38	LWR 8046	L L	O	120 00	80 167 12 22	G	81/014	C=250,B=170
NGC 6397	HBCAC	17 36 48.0	-53 39 00	13.0		HB	* 39	SWP 9279	L L	O	300 00	80 166 07 27	G	81/012	C=90,120,B=50,77
*LSE00078	HSCJD	17 38 48.4	-46 54 36	11.2		B2	* 27	LWR 8454	L L	O	008 00	80 220 02 30	G	81/065	C=140,B=27
*ISE00078	HSCJD	17 38 48.8	-46 54 36	11.2		B2	* 27	SWP 9713	L L	O	030 00	80 220 02 43	G	81/065	C=145,B=32
*H 160641	KH377	17 38 55.0	-17 53 00	9.8			* 23	LWR 8467	L L	O	002 30	80 221 18 41	V	/	502

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V		SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*H	160641 KH377	17	38	55.0	-17	53	00	9.8				*	23 SWP 9741	L	L	C 003	01	80	221	19	12	V	/		401
*H	160641 KH377	17	38	55.0	-17	53	00	9.8				*	23 SWP 9742	H	L	C 200	00	80	221	19	49	V	/		503
*H	160641 KH377	17	38	55.0	-17	53	00	9.8				*	23 LWR 8468	H	L	O 111	00	80	221	23	56	V	/		403
HD	160641 HBDAK	17	38	56.0	-17	52	0	9.3	0.0	O9		IB	13 SWP 8824	L	L	O 004	09	80	116	00	42	G	80/335		C=210,B=15
HD	160641 HBDAK	17	38	56.0	-17	52	0	9.3	0.0	O9		IB	13 LWR 7602	L	L	O 002	29	80	116	01	05	G	80/335		C=240,B=35
HD	161096 HLCDH	17	41	00.0	+04	35	11	2.8	E0.01	K2		III	46 LWR 9029	H	L	O 035	00	80	288	05	33	G	81/135		E=255,C=210,B=33
HD	161096 HLCDH	17	41	00.0	+04	35	11	2.8	E0.01	K2		III	46 SWP 10360	L	L	O 040	00	80	288	06	13	G	81/131		E=42,C=10,B=28
HD	161096 HLCJL	17	41	00.0	+ 4	35	11	2.8		K2		III	45 SWP 9555	L	L	O 120	00	80	203	08	49	G	81/058		E=86,C=70,B=40
HD	161096 HLCJL	17	41	00.0	+ 4	35	11	2.8	0.0	K2		III	47 LWR 8308	H	L	O 030	00	80	203	10	54	G	81/051		E=198,C=175,B=31
*ICW	4662 HR355	17	42	14.0	-64	37	00	15.0				*	72 SWP 9518	L	L	O 134	00	80	195	01	30	V	/		341
*IC	4662 HR355	17	42	15.0	-64	37	00	15.0				*	72 SWP 9517	L	L	O 090	00	80	195	20	40	V	/		331
*IC	4662 HR355	17	42	15.0	-64	37	00	15.0				*	72 LWR 8243	L	L	O 180	00	80	195	22	20	V	/		503
*RS	OPH CVCDL	17	47	31.5	-06	42	00	12.0		N0		V	55 LWR 8388	L	L	O 025	00	80	212	05	43	G	81/058		C=76,B=30
*RS	OPH CVCDL	17	47	31.5	-06	42	00	12.0		N0		V	55 SWP 9640	L	L	O 020	00	80	212	06	16	G	81/058		C=37,B=28
*DELT	UMI RPSTD	17	48	18.2	+86	36	34	4.35	E-.01	A1		V	30 SWP 9132	L	L	O 000	31	80	147	19	55	G	80/359		C=210,B=15,TRAILED
*DELT	UMI RPSTD	17	48	18.2	+86	36	34	4.35	E-.01	A1		V	30 LWR 7863	L	L	O 000	13	80	147	20	28	G	80/359		C=195,B=27,TRAILED
HD	162732 BECJH	17	48	44.7	+48	24	24	6.4	E0.01	B6		IV	22 SWP 9811	H	S	O 045	00	80	229	15	24	G	81/083		C=220,B=45
HD	162732 BECJH	17	48	44.7	+48	24	24	6.4		B6		IV	22 SWP 10445	H	L	O 045	00	80	296	06	52	G	81/147		C=2-3X,B=50
*H	162732 WD375	17	48	45.0	+48	24	00	06.4				*	22 SWP 9125	H	L	O 025	00	80	147	03	44	V	/		501
*IV-01002	HSCJD	17	48	51.0	-01	42	34	11.0	E0.48	B5		IA	27 LWR 8455	L	L	O 030	00	80	220	04	07	G	81/065		C=170,B=25
*IV-01002	HSCJD	17	48	51.0	-01	42	34	11.0	E0.48	B5		IA	27 SWP 9714	L	L	O 070	00	80	220	04	42	G	81/065		C=80,B=35
*H	162374 HG339	17	48	53.0	-34	47	00	5.9				*	22 SWP 10401	H	L	O 007	00	80	292	14	46	V	/		501
*H	162374 HG339	17	48	53.0	-34	47	00	5.9				*	22 LWR 9084	H	L	O 006	00	80	292	14	57	V	/		502
*H	162374 HG339	17	48	53.0	-34	47	00	5.9				*	22 SWP 10402	H	L	O 015	00	80	292	15	23	V	/		701
*H	162374 HG339	17	48	53.0	-34	47	00	5.9				*	22 LWR 9085	H	L	O 013	00	80	292	15	48	V	/		703

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*A 43	JC395	17 51 11.0	+10 38 00	14.7				* 70	SWP 10245	L L	O	008 00	80 272 21 50	V	/	502
*A 43	UK319	17 51 11.0	+10 38 00	14.5				* 70	LWR 8735	L L	O	060 00	80 250 21 45	V	/	302
*A 43	UK319	17 51 11.0	+10 38 00	14.5				* 70	SWP 10036	L L	O	044 00	80 250 23 03	V	/	300
*H 163588	PR404	17 52 40.0	+56 52 00	3.8				* 47	SWP 8721	L L	O	015 00	80 101 07 49	V	/	001
*H 163588	PR404	17 52 40.0	+56 52 00	3.8				* 47	SWP 8721	L S	O	005 50	80 101 08 10	V	/	001
*H 163588	PR404	17 52 40.0	+56 52 00	3.8				* 47	LWR 7472	L S	O	003 20	80 101 08 21	V	/	501
*H 163588	PR404	17 52 40.0	+56 52 00	3.8				* 47	LWR 7472	L L	O	008 20	80 101 08 29	V	/	701
HD 163506	HLCNH	17 53 24.0	+26 03 24	0.4		F2	IA	40	LWR 8995	H L	O	090 00	80 285 03 48	G	81/126	C=265,B=48
HD 163506	HLCSL	17 53 24.0	+26 03 24	5.5	E0.35	F8	IB	41	LWR 9216	H L	O	120 00	80 308 01 57	G	81/155	E=132,C=2-3X,B=46
C	MEIER	SCCPF 17 53 55.2	+28 27 43					* 06	SWP 10769	L L	O	020 00	80 341 21 17	G	81/187	E=47,B=20
C	MEIER	SCCPF 17 53 55.2	+28 27 43					* 06	SWP 10769	L S	O	020 00	80 341 21 18	G	81/187	E=47,B=20
C	MEIER	SCCPF 17 53 56.3	+28 28 17					* 06	LWR 9446	L L	O	090 00	80 341 19 23	G	81/187	E=135,B=30
C	MEIER	SCCPF 17 53 56.3	+28 28 17					* 06	LWR 9446	L S	O	090 00	80 341 19 24	G	81/187	E=135,B=30
C	MEIER	SCCPF 17 53 56.3	+28 28 55					* 06	SWP 10768	L L	O	030 00	80 341 20 08	G	81/187	E=114,B=19
C	MEIER	SCCPF 17 53 56.3	+28 28 55					* 06	SWP 10768	L S	O	030 00	80 341 20 09	G	81/187	E=114,B=19
C	MEIER	SCCPF 17 53 56.6	+28 29 39					* 06	FES 1281	D 2		020 00	80 341 18 33	G	81/180	
C	MEIER	SCCPF 17 53 57.7	+28 30 23					* 06	SWP 10767	L L	O	020 00	80 341 18 59	G	81/187	E=18,B=18
C	MEIER	SCCPF 17 53 57.7	+28 30 23					* 06	SWP 10767	L S	O	020 00	80 341 19 00	G	81/187	E=18,B=18
HD 163611	CECAD	17 54 24.2	+04 59 30	7.9		F4	V	41	SWP 10231	L L	O	150 00	80 271 04 04	G	81/117	E=112,C=3-5X,B=57
HD 163611	CECAD	17 54 24.2	+04 59 30	7.9		F4	V	41	LWR 8899	H L	O	060 00	80 271 08 22	G	81/118	C=119,B=41
HD 163611	CECAD	17 54 24.2	+04 59 30	7.9		F4	V	41	SWP 10232	L L	O	150 00	80 271 09 25	G	81/117	C=129,C=95,B=60
*H 163770	DR370	17 54 32.0	+37 15 00	3.8				* 47	LWR 8411	L L	O	006 00	80 214 18 34	V	/	771
*H 163770	DR370	17 54 32.0	+37 15 00	3.8				* 47	SWP 9665	L L	O	110 00	80 214 18 56	V	/	351
*H 163770	DR370	17 54 32.0	+37 15 00	3.8				* 47	LWR 8412	H L	O	060 00	80 214 20 52	V	/	363
HD 163770	HLCJL	17 54 32.0	+37 15 22	3.8	0.07	K3	III	47	LWR 8327	H L	O	015 00	80 205 17 52	G	81/056	E=140,C=80,B=31

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*D+043561	CCCNG	17	55	21.4	+04	38	33	9.4	E0.16	M5	V	48	LWR	8283	L	L	O 120	00	80	200	05	24	G	81/049	B=122,B=40
HD 164058	CSCRW	17	55	26.6	+51	29	39	2.2	E0.02	K5	III	47	SWP	10028	L	L	O 160	00	80	250	04	04	G	81/098	B=5X,C=73,B=50
HD 164058	CSCRW	17	55	26.6	+51	29	39	2.2		K5	III	47	SWP	10899	L	L	O 120	00	80	361	22	44	G	/	B=1.5X,C=70,B=40
HD 164058	MICJL	17	55	27.0	+51	29	38	2.2	0.02	K5	III	47	LWR	7564	H	L	O 008	00	80	111	19	11	G	80/331	B=189,C=80,B=35
HD 164058	MLCJL	17	55	27.0	+51	29	38	2.2	E0.02	K5	III	47	SWP	9557	L	L	O 225	00	80	203	15	27	G	81/056	B=2X,C=112,B=73
HD 164058	MICJL	17	55	27.0	+51	29	38	2.2	E0.02	K5	III	47	LWR	8310	H	L	O 030	00	80	203	19	17	G	81/056	B=2X,C=80,B=30
HD 164284	BEBGP	17	57	47.1	+ 4	22	11	4.8	0.19	B2	V	26	SWP	8614	H	L	O 020	10	80	091	12	29	G	80/304	C=235,B=40
HD 164284	BEBGP	17	57	47.1	+ 4	22	11	4.8	0.19	B2	V	26	LWR	7360	H	L	O 001	20	80	091	12	37	G	80/314	C=235,30
HD 164353	BPSTD	17	58	08.2	+02	55	56	3.96	E0.02	B5	IB	24	LWR	8836	L	L	O 000	41	80	262	08	26	G	81/107	C=230,B=22
HD 164353	BPSTD	17	58	08.2	+02	55	56	3.96	E0.02	B5	IB	24	SWP	10172	L	L	O 000	00	80	262	08	36	G	81/107	B=165,C=175,B=23
NGC 6543	NDCUH	17	58	34.0	+66	38	5	8	-0.4	O4	SD	71	LWR	7704	L	S	O 003	00	80	129	08	49	G	80/357	C=130,B=32
NGC 6543	NDCUH	17	58	34.0	+66	38	5	9.5	-0.4	O4	SD	71	LWR	7704	L	L	O 020	00	80	129	08	58	G	80/357	C=2X,B=32
NGC 6543	NDCUH	17	58	34.0	+66	38	5	9.5	-0.06	O4	SD	71	SWP	8951	L	S	O 006	00	80	129	09	26	G	80/346	B=3X,C=210,B=27
NGC 6543	NDCUH	17	58	34.0	+66	38	5	9.5	-0.06	O4	SD	71	SWP	8951	L	L	O 030	00	80	129	11	01	G	80/346	B=3X,C=210,B=27
NGC 6543	NDCUH	17	58	34.0	+66	38	5	9.5	-0.4	O4	SD	71	LWR	7705	L	S	C 006	00	80	129	11	13	G	80/357	B=223,C=210,B=32
NGC 6543	NDCUH	17	58	34.0	+66	38	5	9.5	-0.4	O4	SD	71	LWR	7705	L	L	O 030	00	80	129	11	24	G	80/357	B=223,C=220,B=32
NGC 6543	NDCUH	17	58	34.0	+66	38	5	9.5	-0.06	O4	SD	71	SWP	8952	L	L	O 040	00	80	129	11	58	G	80/357	B=4X,C=30%X,B=28
NGC 6543	NDCUH	17	58	34.0	+66	38	5	9.5	-0.06	O4	SD	71	SWP	8952	L	S	O 005	00	80	129	12	29	G	80/357	B=¬4X,C=250,B=28
HD 164402	HSCBW	17	58	53.5	-22	46	51	5.7	E0.28	B0	IB	23	SWP	9043	L	S	O 000	09	80	139	21	25	G	80/353	C=255,3X,B=18
HD 164402	HSCBW	17	58	53.5	-22	46	51	5.7	E0.28	B0	IB	23	SWP	9043	L	L	O 000	03	80	139	21	29	G	80/353	C=250,B=18
HD 164402	HSCBW	17	58	53.5	-22	46	51	5.7	E0.28	B0	IB	23	LWR	7793	L	S	O 000	16	80	139	21	54	G	80/358	C=255,3X,B=30
HD 164402	HSCBW	17	58	53.5	-22	46	51	5.7	E0.28	B0	IB	23	LWR	7793	L	L	O 000	03	80	139	21	57	G	80/358	C=255,B=30
HD 164402	HSCBW	17	58	53.5	-22	46	51	5.7	E0.28	B0	IB	23	SWP	9044	H	L	O 004	29	80	139	22	02	G	80/358	C=¬225,B=40
HD 164402	HSCBW	17	58	53.5	-22	46	51	5.7	E0.28	B0	IB	23	SWP	9045	L	S	O 000	09	80	139	22	52	G	80/353	C=255,2X,B=18
HD 164402	HSCBW	17	58	53.5	-22	46	51	5.7	E0.28	B0	IB	23	SWP	9045	L	L	O 000	00	80	139	22	57	G	80/353	C=225,B=18

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
NGC 6523	NDCUH	18 00 37.0	-24 22 32			*	72	LWR 8847	L L	O	085 00	80 263 14 21	G	81/106	C=165,B=40
NGC 6523	NDCUH	18 00 37.0	-24 22 32			*	72	LWR 8847	L S	O	085 00	80 263 14 22	G	81/106	C=165,B=40
NGC 6523	NDCUH	18 00 38.0	-24 22 55			*	72	LWR 8846	L L	O	090 00	80 263 11 24	G	81/106	C=1.5X,B=65
NGC 6523	NDCUH	18 00 38.0	-24 22 55			*	72	LWR 8846	L S	O	090 00	80 263 11 25	G	81/106	C=1.5X,B=65
NGC 6523	NDCUH	18 00 38.0	-24 22 55			*	72	SWP 10181	L L	O	075 00	80 263 12 57	G	81/106	C=190,B=68
NGC 6523	NDCUH	18 00 38.0	-24 22 55			*	72	SWP 10181	L S	O	075 00	80 263 12 58	G	81/106	C=190,B=68
NGC 6523	NDCUH	18 00 39.0	-24 22 18	5.9	-0.06	O5 IB	72	LWR 7707	L L	O	045 00	80 129 16 15	G	80/344	C=95,B=40
NGC 6523	NDCUH	18 00 39.0	-24 22 18	5.9	-0.06	O5 IB	72	SWP 8954	L L	O	090 00	80 129 17 03	G	80/344	E=260,C=100,B=55
NGC 6523	NDCUH	18 00 39.0	-24 22 18	5.9	-0.06	O5 IB	70	LWR 7708	L L	O	130 00	80 129 19 13	G	80/344	C=1.5X,B=60
NGC 6523	NDCUH	18 00 39.0	-24 22 18	5	-0.06	O5 *	70	LWR 7708	L S	O	130 00	80 129 19 14	G	80/344	C=1.5X,B=60
NGC 6523	NDCUH	18 00 39.0	-24 22 18	5.9	-0.06	O5 IB	70	SWP 8955	L L	O	080 00	80 129 21 32	G	80/344	E=221,C=195,B=40
NGC 6523	NDCUH	18 00 39.0	-24 22 18		-0.06	5.9 V	70	SWP 8955	L S	O	080 00	80 129 21 32	G	80/344	E=221,C=195,B=40
NGC 6523	NDCUH	18 00 39.0	-24 22 18	5.9	-0.06	O5 IB	72	LWR 7709	L L	O	055 00	80 129 22 54	G	80/344	C=195,B=35
NGC 6523	NDCUH	18 00 39.0	-24 22 18	5.9	-0.06	O5 IB	72	LWR 7709	L S	O	055 00	80 129 22 55	G	80/344	C=195,B=35
HD 164794	HSCAU	18 00 48.3	-24 21 48	5.97	E0.35	O4 V	12	SWP 8695	L L	O	000 10	80 098 18 55	G	80/328	C=250,B=18
HD 164794	HSCAU	18 00 48.3	-24 21 48	5.97	E0.35	O4 V	12	LWR 7443	L L	O	000 06	80 098 19 00	G	80/331	C=230,B=20
HD 164794	HSCAU	18 00 48.3	-24 21 48	5.97	E0.35	O4 V	12	SWP 8696	L L	O	000 08	80 098 19 36	G	80/328	C=220,B=15
HD 164794	IGCAU	18 00 48.3	-24 21 48	5.97	E0.35	O4 V	12	SWP 9019	H S	O	009 00	80 137 17 33	G	80/351	C=220,240,B=43
HD 164794	IGCAU	18 00 48.3	-24 21 48	5.97	E0.35	O4 V	12	LWR 7775	H S	O	008 00	80 137 17 50	G	80/357	C=245,B=40
HD 165052	CBCSH	18 02 06.5	-24 24 11	6.9	E0.0	O6 V	12	SWP 9734	H S	O	020 00	80 221 11 20	G	81/078	C=165,B=48
HD 165024	RPSTD	18 02 44.1	-50 05 49	3.66	E0.08	B2 IB	23	LWR 8838	L L	O	000 00	80 262 10 55	G	81/107	C=225,B=24
HD 165024	RPSTD	18 02 44.1	-50 05 49	3.66	E0.08	B2 IB	23	SWP 10174	L L	O	000 00	80 262 11 04	G	81/107	C=220,B=22
HD 165341	CCCMG	18 02 55.6	+02 30 34	4.0	E-.01	K2 V	46	SWP 9533	L L	O	040 00	80 198 18 51	G	81/044	E=255,C=85,B=31
HD 165341	CCCMG	18 02 55.6	+02 30 34	4.0	E-.01	K2 V	46	LWR 8266	L L	O	004 00	80 198 19 34	G	81/044	C=2-4X,B=27
HD 165341	CCCKB	18 02 56.0	+02 30 02	4.2	E0.0	K0 V	46	LWR 8881	L L	O	000 05	80 268 08 39	G	81/117	C=95,B=24

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 165341	CCCKB	18 02 56.0	+02 30 02	4.2	E0.0	K0	V	46 SWP 10211	L L	O	007 11	80 268 08 45	G	81/117	E=106,C=N/A,B=17
HD 165688	WBCWB	18 05 03.2	-19 24 44	10.2	E1.01	O9	IB	11 LWR 8479	L L	O	030 00	80 223 13 54	G	81/077	E=255,3X,C=255,B=38
HD 165688	WBCWB	18 05 03.2	-19 24 44	10.2	E1.01	O9	IB	11 SWP 9760	L L	O	035 00	80 223 14 30	G	81/078	E=255,5X,B=130,B=37
* AX SGR	CCCBS	18 05 25.0	-18 33 36	7.4V	0.8	G8	IB	45 LWR 7555	L L	O	090 00	80 110 13 48	G	80/328	C=80,B=32
*OODQ HER	CVBDL	18 06 03.6	+45 51 02	14.5	E0.06	B0	V	55 LWR 7500	L L	O	180 00	80 105 12 38	G	80/322	E=188,C=166,B=48
*DQ HER	UK358	18 06 05.0	+45 51 00	16.0			*	63 SWP 9201	L L	O	370 00	80 157 23 36	V	/	363 CIV SAT
*DQ HER	UK358	18 06 05.0	+45 57 00	15.0			*	63 LWR 7981	L L	O	405 00	80 159 23 02	V	/	509
*DQ HER	CVCRW	18 06 05.3	+45 51 01	14.7		0	*	55 SWP 9147	L L	O	420 00	80 150 08 43	G	81/002	E=126,C=100,B=75
*H 165955	UK352	18 06 37.0	-34 52 00	9.2			*	21 SWP 9470	L L	O	001 45	80 189 01 43	V	/	500
*H 165955	UK352	18 06 37.0	-34 52 00	9.2			*	21 SWP 9470	L S	O	003 00	80 189 01 50	V	/	500
*H 165955	UK352	18 06 37.0	-34 52 00	9.2			*	21 LWR 8201	L L	O	001 05	80 189 01 56	V	/	502 MICPH
*H 165955	UK352	18 06 37.0	-34 52 00	9.2			*	21 LWR 8201	L L	O	001 40	80 189 02 01	V	/	402 MICPH
*H 165955	UK352	18 06 37.0	-34 52 00	9.2			*	21 SWP 9471	H L	O	078 00	80 189 02 28	V	/	401
*H 166161	FS402	18 06 57.0	-08 47 00	8.2			*	45 LWR 8990	L L	O	020 00	80 284 17 42	V	/	502
HD 166126	CBCMP	18 06 59.0	-15 34 0	8.9	E0.54	F5	II	41 LWR 7835	L L	O	010 00	80 144 20 06	G	80/358	E=2X,C=260,B=32
HD 166126	CBCMP	18 06 59.0	-15 34 0	8.9	E0.54	F5	II	41 SWP 9088	L L	O	035 00	80 144 20 33	G	80/358	E=230,C=170,B=40
HD 166126	CBCMP	18 06 59.0	-15 34 0	8.9	E0.55	F5	II	41 LWR 7850	L L	O	010 00	80 146 12 38	G	80/360	E=2X,C=230,B=30
HD 166126	CBCMP	18 06 59.0	-15 34 0	8.9	E0.55	F5	II	41 SWP 9112	L L	O	030 00	80 146 13 07	G	80/360	E=220,C=180,B=20
HD 166126	CBCMP	18 06 59.0	-15 34 00	8.9	E0.54	F5	II	39 SWP 10411	L L	O	028 00	80 293 06 31	G	81/140	E=203,C=60,B=20
HD 166126	CBCMP	18 06 59.0	-15 34 00	8.9	E0.54	F5	II	39 LWR 9093	L L	O	009 00	80 293 07 04	G	81/140	E=MG 30,C=225,B=27
*UZ SER	UK313	18 08 33.0	-14 56 00	13.1			*	54 LWR 8489	L L	O	020 00	80 224 00 31	V	/	302
*UZ SER	UK313	18 08 33.0	-14 56 00	13.1			*	54 SWP 9769	L L	O	040 00	80 224 01 03	V	/	401
*AS 289	ZACAM	18 09 34.7	-11 40 55	11.0	E0.0	M3	II	57 SWP 9771	L L	O	060 00	80 225 11 11	G	81/078	B=41
*AS 289	ZACAM	18 09 34.7	-11 40 55	11.0	E0.0	M3	II	57 LWR 8492	L L	O	030 00	80 225 12 15	G	81/078	B=33
NGC 6572	NDCSC	18 09 41.9	+06 49 59	10		PN	*	70 SWP 8669	L L	O	015 00	80 096 17 49	G	80/325	E=3X,C=150,B=20

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
NGC 6572	NDCSC	18 09 41.9	+06 49 59	10		PN	*	70 LWR 7421	L L	O	012 00	80 096 18 18	G	80/325	B=243,C=230,B=30
NGC 6572	NDCSC	18 09 41.9	+06 49 59	10.0		PN	*	70 SWP 8670	H L	O	120 00	80 096 18 51	G	80/336	B=10X,C=85,B=57
NGC 6572	NDCSC	18 09 41.9	+06 49 59	10.0		PN	*	70 LWR 7422	H L	O	120 00	80 096 20 58	G	80/335	B=2X,C=125,B=50
*N 6572	UK319	18 09 42.0	+06 50 00	9.0			*	70 SWP 10001	L L	O	025 00	80 247 23 28	V	/	570
HD 166937	CBCMP	18 10 46.0	-21 4 0	3.9	E0.30	B8 IB	25	SWP 9089	L L	O	000 07	80 144 21 36	G	80/358	C=1.5X,B=15
HD 166937	CBCMP	18 10 46.0	-21 4 0	3.9	E0.30	B8 IB	25	LWR 7836	L L	O	000 03	80 144 21 39	G	81/006	C=2-3X,B=26
HD 166937	CBCMP	18 10 46.0	-21 4 0	3.9	E0.30	B8 IB	25	SWP 9111	L L	O	000 05	80 146 11 58	G	80/360	C=215,B=15
HD 166937	CBCMP	18 10 46.0	-21 4 0	3.9	E0.30	B8 IB	25	LWR 7849	L L	O	000 01	80 146 12 01	G	80/360	C=195,B=25
MU SGR	CBCGP	18 10 46.2	-21 04 25	3.9	E0.22	B8 IA	53	SWP 9995	L L	O	000 06	80 247 13 18	G	81/097	B=220,C=190,B=20
MU SGR	CBCGP	18 10 46.2	-21 04 25	3.9	E0.22	B8 IA	53	LWR 8704	H L	O	000 01	80 247 13 27	G	81/097	B=230,C=205,B=25
*AM HER	FECAL	18 11 35.4	+49 36 42	15.3		0	*	59 LWR 8152	L L	O	040 00	80 182 08 14	G	81/027	B=84,C=72,B=30
*AM HER	FECAD	18 11 35.4	+49 36 42	15.2		0	*	59 SWP 9404	L L	O	060 00	80 182 08 56	G	81/027	B=93,C=80,B=20
*AM HER	FECAL	18 11 35.4	+49 36 42	15.2		0	*	59 LWR 8153	L L	O	055 00	80 182 09 58	G	81/027	B=115,C=100,B=31
*AM HER	FECAL	18 11 35.4	+49 36 42	15.2		0	*	59 SWP 9405	L L	O	060 00	80 182 10 55	G	81/027	C=58,B=21
*AM HER	FECAD	18 11 35.4	+49 36 42	15.2		0	*	59 LWR 8154	L L	O	055 00	80 182 11 58	G	81/027	B=110,C=90,B=35
*AM HER	FECAL	18 11 35.4	+49 36 42	15.2		0	*	59 SWP 9406	L L	O	060 00	80 182 12 55	G	81/027	B=174,C=80,B=30
HD 167005	CCCMG	18 11 53.6	-47 33 26	8.4		K0	V	46 LWR 8284	L L	O	005 00	80 200 08 22	G	81/049	C=200,B=25
HD 167005	CCCMG	18 11 53.6	-47 33 26	8.4		K0	V	46 SWP 9541	L L	O	027 00	80 200 08 31	G	81/049	C=2-5X,B=15
HD 167263	IGCFB	18 12 14.3	-20 24 16	5.9		09	II	12 SWP 9721	H S	O	007 40	80 220 15 42	G	81/083	C=195,B=35
*YY HER	ZACMP	18 12 25.9	+20 58 20	11.5	E0.00	M2	III	57 LWR 7852	L L	O	030 00	80 146 15 36	G	80/360	B=112,C=100,B=29
*YY HER	ZACMP	18 12 25.9	+20 58 20	11.5	E0.00	M2	III	57 SWP 9115	L L	O	035 00	80 146 16 14	G	80/360	B=196,C=48,B=25
*YY HER	ZACAM	18 12 26.0	+20 58 21	13.0	E0.0	M5	II	57 LWR 8493	L L	O	060 00	80 225 15 13	G	81/078	B=192,C=130,B=42
*YY HER	ZACAM	18 12 26.0	+20 58 21	13.0	E0.0	M5	II	57 SWP 9773	L L	O	080 00	80 225 16 18	G	81/078	B=255,C=65,B=42
*AS 296	ZACAM	18 12 36.0	-00 20 00	10.5	E0.0	M5	IV	57 SWP 9772	L L	O	045 00	80 225 14 04	G	81/078	B=46
V533 HER	OD22B	18 12 46.4	+41 50 21	14		B	*	55 SWP 10250	L L	O	225 00	80 273 23 31	G	81/124	B=218,C=160,B=52

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
V533	HER	CD22E	18	12	46.4	+41	50	21	14	E0.07	B	* 55	LWR	8915	L	L	0	075	00	80	274	03	17	G	81/124	C=135,B=35
*SWST	1	UK319	18	12	58.0	-30	53	00	11.0			* 70	SWP	10034	L	L	0	010	00	80	250	19	25	V	/	330
*SWST	1	UK319	18	12	58.0	-30	53	00	11.0			* 70	SWP	10034	L	S	0	010	00	80	250	19	41	V	/	460
*SWST	1	UK319	18	12	58.0	-30	53	00	11.0			* 70	LWR	8734	L	L	0	020	00	80	250	19	55	V	/	562
*SWST	1	UK319	18	12	58.0	-30	53	00	11.0			* 70	LWR	8734	L	S	0	020	00	80	250	20	22	V	/	362
*SWST	1	UK319	18	12	58.0	-30	53	00	11.0			* 70	SWP	10035	L	L	0	020	00	80	250	20	47	V	/	461
HD	167771	CBCSH	18	14	32.5	-18	28	58	6.5	0.0	O7	III 12	SWP	9623	H	S	0	025	00	80	210	17	53	G	81/058	C=245,B=45
HD	167771	CBCSH	18	14	32.5	-18	28	58	6.5	E0.0	O7	III 12	SWP	9633	H	S	0	020	00	80	211	17	34	G	81/065	E=199,C=225,B=45
HD	167771	CBCSH	18	14	32.5	-18	28	58	6.5	E0.0	O7	III 12	SWP	9733	H	S	0	020	00	80	221	10	29	G	81/078	C=205,B=48
*H	167263	CL333	18	14	43.0	-20	24	00	6.0			* 13	SWP	10024	H	L	0	006	46	80	249	21	12	V	/	501
AM HER		CVCPS	18	14	58.6	+49	50	54	15			* 63	SWP	9343	L	L	0	090	00	80	174	09	45	G	81/027	E=169,C=160,B=20
AM HER		CVCPS	18	14	58.6	+49	50	54	15.3			* 63	LWR	8099	L	L	0	120	00	80	174	11	18	G	81/027	E=165,C=160,B=65
*AM	HER	FECAD	18	14	58.6	+49	50	55	13.0	0.41	O	* 59	SWP	9403	L	L	0	060	00	80	182	07	01	G	81/033	C=53,B=20
AM HER		FECAD	18	14	58.7	+49	50	53	13	E0.00		* 59	SWP	10235	L	L	0	040	00	80	272	00	33	G	81/118	C=245,B=19
AM HER		FECAD	18	14	58.7	+49	50	53	15	E0.00		* 59	LWR	8902	L	L	0	040	00	80	272	01	28	G	81/118	E=86,C=80,B=32
AM HER		FECAD	18	14	58.7	+49	50	53	15	E0.00		* 59	SWP	10236	L	L	0	080	00	80	272	02	14	G	81/118	E=71,C=100,B=23
*AR	PAV	CVCDL	18	15	01.0	-66	07	35	10.2		M3	III 57	SWP	9646	L	L	0	025	00	80	212	18	57	G	81/181	E=204,C=75,B=25
*AR	PAV	CVCDL	18	15	01.0	-66	07	35	10.2		M3	III 57	LWR	8393	L	L	0	024	00	80	212	19	26	G	81/181	E=250,C=200,B=30
AR	PAV	ZACJE	18	15	24.5	-66	06	15	10.0		M0	WD 57	SWP	10496	L	L	0	045	00	80	303	06	41	G	81/147	C=130,B=85
AR	PAV	ZACJH	18	15	24.5	-66	06	15	10.0		M0	WD 57	SWP	10496	L	S	0	010	00	80	303	07	33	G	81/147	C=130,B=85
AR	PAV	ZACJE	18	15	24.5	-66	06	15	10.0		M0	WD 57	LWR	9182	L	L	0	020	00	80	303	07	48	G	81/147	E=80,C=140,B=40
AR	PAV	ZACJE	18	15	24.5	-66	06	15	10.0		M0	WD 57	SWP	10497	L	L	0	075	00	80	303	08	19	G	81/147	E=2X,C=185,B=128
AR	PAV	ZACJH	18	15	24.5	-66	06	15	10.0		M0	WD 57	LWR	9183	L	L	0	040	00	80	303	09	38	G	81/147	C=215,B=64
AR	PAV	ZACJE	18	15	24.5	-66	06	15	10.0		M0	WD 57	SWP	10498	L	L	0	075	00	80	303	10	24	G	81/161	E=1.5X,C=190,B=128
AR	PAV	ZACJH	18	15	24.5	-66	06	15	10.0		M0	WD 57	LWR	9184	L	L	0	050	00	80	303	11	44	G	81/161	C=230,B=48

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
AR	PAV ZACJE	18 15 24.5	-66 06 15	12		MO	WD 57	SWP 10510	L L	O	060 00	80 304 22 45	G	81/161	E=155,2.5X,C=80,B=35
AR	PAV ZACJE	18 15 24.5	-66 06 15	11.6		MO	WD 57	LWR 9199	L L	O	040 00	80 304 23 51	G	81/152	E=252,C=180,B=30
AR	PAV ZACJE	18 15 24.5	-66 06 15	12		SYN	V 57	SWP 10511	L L	O	240 00	80 305 00 35	G	81/152	E=155,10X,C=215,B=50
AR	PAV ZACJE	18 15 24.5	-66 06 15	11.5		MO	WD 57	LWR 9207	L L	O	040 00	80 306 08 53	G	81/152	E=123,C=200,B=34
AR	PAV ZACJE	18 15 24.5	-66 06 15	10.0		MO	WD 57	SWP 10520	L L	O	120 00	80 306 09 37	G	81/152	E=2X,C=178,B=75
AR	PAV ZACJE	18 15 24.5	-66 06 15	10.0		MO	WD 57	LWR 9211	L L	O	040 00	80 307 04 55	G	81/152	C=170,B=32
AR	PAV ZACJE	18 15 24.5	-66 06 15	10.0		MO	WD 57	SWP 10524	L L	O	120 00	80 307 05 40	G	81/155	E=2-3X,C=165,B=70
AR	PAV ZACJE	18 15 24.5	-66 06 15	10.0		MO	WD 57	LWR 9212	L L	O	050 00	80 307 07 44	G	81/155	E=1+2,C=210,B=37
AR	PAV ZACJE	18 15 24.5	-66 06 15	10.0		MO	WD 57	SWP 10525	L L	O	090 00	80 307 08 40	G	81/155	E=2-3X,C=160,B=83
AR	PAV ZACJE	18 15 24.5	-66 06 15	11.5		MO	WD 57	SWP 10527	L L	O	075 00	80 308 04 45	G	81/152	E=2-3X,C=130,B=60
AR	PAV ZACJE	18 15 24.5	-66 06 15	11.5		MO	WD 57	LWR 9217	L L	O	045 00	80 308 06 07	G	81/152	E=118,C=215,B=44
AR	PAV ZACJE	18 15 24.5	-66 06 15	10.0		MO	WD 57	SWP 10564	L L	O	030 00	80 314 07 27	G	81/188	E=1.5X,C=70,B=25
AR	PAV ZACMP	18 15 24.6	-66 06 07	10.0	E0.20	M3	III 57	SWP 10414	L L	O	023 00	80 293 11 34	G	81/147	E=207,C=5,B=17
AR	PAV ZACMP	18 15 24.6	-66 06 07	10.0	E0.20	M3	III 57	LWR 9095	L L	O	025 00	80 293 12 02	G	81/141	C=120,B=30
AR	PAV ZACMP	18 15 24.6	-66 06 07	10.0	E0.20	M3	III 57	SWP 10415	L L	O	074 00	80 293 12 33	G	81/141	E=3X,C=80,B=37
HD 168076	HSCAU	18 15 46.2	-13 49 17	5.97	E0.75	O4	V 12	SWP 8697	L L	O	007 20	80 098 20 42	G	80/328	C=240,B=15
HD 168076	HSCAU	18 15 46.2	-13 49 17	8.24	E0.75	O4	V 12	LWR 7444	L L	O	002 50	80 098 20 50	G	80/328	C=260,B=18
HD 168076	HSCAU	18 15 46.2	-13 49 17	8.24	E0.75	O4	V 12	LWR 7446	L L	O	002 50	80 098 23 37	G	80/332	C=240,B=25
HD 168112	HSCAU	18 15 52.7	-12 07 37	8.52	E1.00	O5	III 12	SWP 8698	L L	O	026 00	80 098 21 56	G	80/331	C=225,B=22
HD 168112	HSCAU	18 15 52.7	-12 07 37	8.52	E1.00	O5	III 12	LWR 7445	L L	O	007 24	80 098 22 23	G	80/331	C=240,B=25
*D-064738	CCCMG	18 16 00.0	-06 43 00	8.9		K4	V 46	LWR 8289	L L	O	012 00	80 200 16 50	G	81/049	C=60,B=28
*D-064738	CCCMG	18 16 00.0	-06 43 00	8.9	E0.01	K4	V 47	LWR 8302	L L	O	034 00	80 202 19 13	G	81/058	E=103,C=85,B=26
*V443 HER	ZACMP	18 20 02.8	+23 25 48	11.0	E0.00	M3	III 57	LWR 7856	L L	O	017 00	80 146 22 42	G	80/358	E=164,C=110,B=26
*V443 HER	ZACMP	18 20 02.8	+23 25 48	11.0	E0.00	M3	III 57	SWP 9122	L L	O	020 00	80 146 23 12	G	80/358	E=2X,C=64,B=23
*V443 HER	ZACMP	18 20 02.8	+23 25 48	11.0	E0.00	M3	III 57	SWP 9122	L S	O	011 00	80 146 23 39	G	80/358	E=172,C=42,B=23

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
V443 HER	ZACMF	18 20 02.8	+23 25 48	11.0	E0.0	M3	III 57	SWP 10439	L	L	O 024 00	80 295 10 17	G	81/141	E=3-4X,C=80,B=30
V443 HER	ZACME	18 20 02.8	+23 25 48	11.0	E0.0	M3	III 57	SWP 10439	L	S	O 012 00	80 295 10 47	G	81/141	E=1.5X,C=50,B=30
V443 HER	ZACMP	18 20 02.8	+23 25 48	11.0	E0.0	M3	III 57	LWR 9118	L	L	O 020 00	80 295 11 03	G	81/141	E=250,C=160,B=30
*N 6624	NE423	18 20 28.0	-30 23 00	8.5			* 83	SWP 10556	L	L	O 425 00	80 311 12 42	V	/	213
HD 170153	CCCLK	18 21 57.4	+72 42 41	3.60		F7	V 41	SWP 9274	L	L	O 060 00	80 165 10 18	G	81/012	C=20-50X,B=20
HD 170153	CCCEB	18 21 57.5	+72 42 42	3.6		F7	V 41	SWP 10225	L	L	O 030 00	80 270 08 46	G	81/124	C=20X,B=40
HD 170153	CCCEE	18 21 57.5	+72 42 42	3.6		F7	V 41	SWP 10225	L	S	O 006 00	80 270 09 22	G	81/124	C=2-3X,B=40
HD 170153	CCCEE	18 21 57.5	+72 42 42	3.6		F7	V 41	LWR 8893	H	L	O 007 00	80 270 09 31	G	81/124	C=270,B=33
HD 170153	CCCLK	18 21 57.5	+72 42 42	3.58	0.03	F7	V 41	LWR 8006	H	L	O 015 00	80 163 18 01	G	81/014	E=255,C=255,B=50
1822-371	CVCFC	18 22 22.7	-37 08 03	15.3	E0.0	O	* 59	LWR 8715	L	L	O 060 00	80 249 00 34	G	81/096	E=97,C=100,B=34
1822-371	CVCFC	18 22 22.7	-37 08 03	15.3	E0.0	O	* 59	SWP 10010	L	L	O 060 00	80 249 01 36	G	81/096	C=60,B=27
1822-371	CVCFC	18 22 22.7	-37 08 03	15.3	E0.0	O	* 59	LWR 8716	L	L	O 060 00	80 249 02 37	G	81/096	C=90,B=30
1822-371	CVCFC	18 22 22.7	-37 08 03	15.3	E0.0	O	* 59	SWP 10011	L	L	O 060 00	80 249 03 39	G	81/096	E=49,C=43,B=30
1822-371	CVCFC	18 22 22.7	-37 08 03	15.3	E0.0	O	* 59	LWR 8717	L	L	O 045 00	80 249 04 42	G	81/098	C=80,B=28
1822-371	CVCFC	18 22 22.7	-37 08 03	15.3	E0.0	O	* 59	SWP 10012	L	L	O 045 00	80 249 05 29	G	81/098	C=50,B=25
1822-371	CVCFC	18 22 22.7	-37 08 03	15.3	E0.0	O	* 59	LWR 8718	L	L	O 045 00	80 249 06 19	G	81/098	C=90,B=32
1822-371	CVCFC	18 22 22.7	-37 08 03	15.3	E0.0	O	* 59	SWP 10013	L	L	O 045 00	80 249 07 06	G	81/098	E=102,C=60,B=20
*1822-371	UK328	18 22 23.0	-37 08 00	15.3			* 59	LWR 8386	L	L	O 120 00	80 211 23 32	V	/	302
*1822-371	UK328	18 22 23.0	-37 08 00	15.0			* 59	SWP 9657	L	L	O 227 00	80 213 20 59	V	/	302
* RY SCT	ZACAM	18 22 42.7	-12 43 15	9.9	0.0	B0	II 57	SWP 8938	L	L	O 060 00	80 127 12 14	G	80/345	E=117,C=100,B=20
* RY SCT	ZACAM	18 22 42.7	-12 43 15	9.9	0.0	B0	II 57	LWR 7686	L	L	O 020 00	80 127 13 19	G	80/345	C=170,B=28
*ABELL046	NECAE	18 29 18.0	+26 54 5	14	0.0	P.N	* 70	SWP 9473	L	L	O 045 00	80 190 08 11	G	81/034	C=130,B=20
*ABELL046	NECAB	18 29 18.0	+26 54 5	14	0.0	P.N	* 70	LWR 8203	L	L	O 040 00	80 190 08 59	G	81/034	C=125,B=30
*GL 718	CCCMG	18 31 12.0	+22 16 54	8.9	E0.06	K4	V 46	LWR 8285	L	L	O 070 00	80 200 09 57	G	81/049	E=138,C=105,B=30
HD 171635	MLCSL	18 31 42.7	+57 00 24	4.8	+0.61	F7	IB 41	LWR 9242	H	L	O 035 00	80 311 04 44	G	81/161	C=190,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSR TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*H 234677	UK355	18	32	45.0	+51	41	00	8.2				* 48	SWP 10354	L	L	0 040	00	80	287	14	15	V	/		031 3 SPECTRA
*E 234677	UK355	18	32	45.0	+51	41	00	8.2				* 48	LWR 9021	L	L	0 010	00	80	287	16	27	V	/		352
*3C 382	UK376	18	33	12.0	+32	39	00	15.7				* 86	SWP 9276	L	L	0 150	00	80	165	22	53	V	/		341
3C 382	QSCJC	18	33	12.1	+32	39	15	15		0		* 84	SWP 9986	L	L	0 420	00	80	246	00	50	G	81/096		E=255,C=130,B=85
3C 382	QSCJC	18	33	12.1	+32	39	15	15		0		* 84	LWR 8700	L	L	0 415	00	80	247	00	53	G	81/098		E=250,X=240,B=70
ALPH LYR	SMCAL	18	35	14.6	+38	44	09	0.04	E0.00	A0	V	30	SWP 9918	H	S	0 000	09	80	240	16	04	G	81/099		C=150,B=30
ALPH LYR	SMCAL	18	35	14.6	+38	44	09	0.04	E0.00	A0	V	30	LWR 8629	H	S	0 000	07	80	240	16	09	G	81/099		C=200,B=30
ALPH LYR	SMCAL	18	35	14.6	+38	44	09	0.04	E0.00	A0	V	30	LWR 8630	H	L	0 000	03	80	240	16	41	G	81/099		C=180,B=30
*H 172167	UK242	18	35	15.0	+38	44	00	00.4				* 30	LWR 7585	H	L	0 000	09	80	113	04	56	V	/		702
HD 172365	MLCSL	18	37	09.2	+05	13	03	6.3		F9		IB 41	LWR 9241	H	L	0 210	00	80	311	00	39	G	81/161		C=215,B=60
*V348 SGR	VILSP	18	37	18.0	-22	57	00	15.0				* 52	SWP 10078	L	L	0 070	00	80	254	21	46	V	/		301
*V348 SGR	VILSP	18	37	18.0	-22	57	00	15.0				* 52	LWR 8773	L	L	0 048	00	80	254	22	59	V	/		304
*V348 SGR	VILSP	18	37	19.0	-22	57	00	14.0				* 32	LWR 7610	L	L	0 240	00	80	117	03	11	V	/		117
*SO114+65	VILSP	18	40	30.0	+65	01	00	11.2				* 59	LWR 8770	L	L	0 180	00	80	254	16	43	V	/		707
*SO114+65	VILSP	18	40	30.0	+65	01	00	11.2				* 59	LWR 8771	L	L	0 025	00	80	254	20	15	V	/		302 PARTIAL READ
*MV SGR	AC414	18	41	33.0	-21	00	00	11.8				* 50	LWR 7972	L	L	0 030	00	80	158	01	12	V	/		303
*MV SGR	AC414	18	41	33.0	-21	01	00	11.2				* 50	LWR 9008	L	L	0 060	00	80	286	15	05	V	/		501
*MV SGR	AC414	18	41	33.0	-21	01	00	11.2				* 50	SWP 10351	L	L	0 108	00	80	286	16	08	V	/		301
*MV SGR	UK366	18	41	33.0	-21	00	00	11.5				* 27	SWP 10302	L	L	0 100	00	80	281	14	30	V	/		302
*AY LYR	CVCPS	18	42	44.0	+37	57	12	13.1		0		* 54	SWP 9342	L	L	0 060	00	80	174	06	46	G	81/026		E=255,C=240,B=18
*AY LYR	CVCPS	18	42	44.0	+37	57	12	13.1		0		* 54	LWR 8098	L	L	0 040	00	80	174	07	51	G	81/028		C=200,B=30
*AY LYR	CVCPS	18	42	44.0	+37	57	12	13.4		0		* 54	SWP 9344	L	L	0 045	00	80	174	13	41	G	81/027		C=245,B=128
*AY LYR	CVCPS	18	42	44.0	+37	57	12	13.4		0		* 54	LWR 8100	L	L	0 035	00	80	174	14	31	G	81/022		C=225,B=75
*AY LYR	CVCPS	18	42	44.0	+37	57	12	13.4		0		* 54	SWP 9347	L	L	0 021	00	80	174	21	29	G	81/026		C=128,B=22
AY LYR	CVCPS	18	42	44.0	+37	57	12	16.5				* 54	SWP 10779	L	L	0 240	00	80	342	19	17	G	81/188		C=55,B=45

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE		CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN		ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
AY	LYB CVCPS	18 42 44.0	+37 57 12	16.5			*	54	LWR 9454	L	L	O 022	54 80 342	23 21	G	81/188	B=25
AY	LYB CVCPS	18 42 44.0	+37 57 12	13.5			*	54	SWP 10786	L	L	O 050	00 80 344	07 31	G	81/188	B=238,C=160,B=30
AY	LYB CVCPS	18 42 44.0	+37 57 12	13.5			*	54	LWR 9463	L	L	O 035	00 80 344	08 27	G	81/188	C=140,B=40
AY	LYB CVCPS	18 42 44.0	+37 57 12	14.0			*	54	LWR 9470	L	L	O 035	00 80 345	08 36	G	81/191	C=120,B=40
AY	LYB CVCPS	18 42 44.0	+37 57 12	14.0			*	54	SWP 10793	L	L	O 033	00 80 345	09 16	G	81/191	C=95,B=25
HD 173667	RESTD	18 43 30.4	+20 29 49	4.19	E-.01	F6 V		41	LWR 9459	L	L	O 000	30 80 343	18 45	G	81/188	C=200,B=30,TRAILED
HD 173667	RPSTD	18 43 30.4	+20 29 49	4.19	E-.01	F6 V		41	SWP 10784	L	L	O 010	00 80 343	19 02	G	81/188	C=205,B=30,TRLD
HD 173667	RPSTD	18 43 30.4	+20 29 49	4.19	E-.01	F6 V		41	LWR 9460	L	L	O 002	30 80 343	19 55	G	81/188	C=5X,B=30,TRAIL
*B 173502	UK374	18 43 44.0	-30 01 00	9.7			*	23	SWP 9815	L	L	O 001	50 80 229	21 53	V	/	501
*B 173502	UK374	18 43 44.0	-30 01 00	9.7			*	23	LWR 8523	L	L	O 001	50 80 229	21 58	V	/	602
*B 173502	UK374	18 43 44.0	-30 01 00	9.7			*	23	LWR 8524	H	L	O 085	00 80 229	22 23	V	/	504
*B 173502	UK374	18 43 44.0	-30 01 00	9.7			*	23	SWP 9816	H	L	O 116	00 80 229	23 52	V	/	502
* R SCT	CCCRS	18 44 48.6	-05 45 36	4.1	1.4	CK	*	47	LWR 7554	L	L	O 075	00 80 110	10 38	G	80/328	B=280,C=210,B=29
* R SCT	CCCRS	18 44 48.6	-05 45 36	4VAR	1.4	CK	*	47	SWP 8787	L	L	O 050	00 80 110	12 01	G	80/314	B=15
HD 173787	CBCMP	18 44 54.0	-20 20 0	7.2	E0.20	B3 V		31	SWP 9108	L	L	O 001	00 80 146	09 12	G	81/008	C=250,B=20
HD 173787	CBCMP	18 44 54.0	-20 20 0	7.2	E0.20	B3 V		39	LWR 7847	L	L	O 000	49 80 146	09 21	G	81/008	C=270,1.5X,B=25
HD 173787	CBCMP	18 44 54.0	-20 20 00	7.2	E0.25	B3 V		39	SWP 10410	L	L	O 000	49 80 293	05 42	G	81/140	B=38,C=18,B=20
HD 173787	CBCMP	18 44 54.0	-20 20 00	7.2	E0.25	B3 V		39	SWP 10410	L	S	O 000	39 80 293	05 46	G	81/140	B=27,C=5-10,B=20
HD 173787	CBCMP	18 44 54.0	-20 20 00	7.2	E0.25	B3 V		39	LWR 9092	L	L	O 000	34 80 293	05 49	G	81/140	C=85,B=25
HD 173787	CBCMP	18 44 54.0	-20 20 00	7.2	E0.25	B3 V		39	LWR 9092	L	S	O 000	24 80 293	05 57	G	81/140	C=25,B=25
HD 173787	CBCMP	18 44 54.0	-20 20 00	7.2	E0.25	B3 V		39	SWP 10412	L	L	O 007	00 80 293	07 36	G	81/140	B=194,C=175,B=25
HD 173787	CBCMP	18 44 54.0	-20 20 00	7.2	E0.25	B3 V		39	SWP 10412	L	S	O 006	00 80 293	07 53	G	81/140	B=120,C=100,B=25
HD 173787	CBCMP	18 44 54.0	-20 20 00	7.2	E0.25	B3 V		39	LWR 9094	L	L	O 005	00 80 293	08 14	G	81/147	C=2X,B=27
HD 173787	CBCMP	18 44 54.0	-20 20 00	7.2	E0.25	B3 V		39	LWR 9094	L	S	O 005	00 80 293	08 30	G	81/147	C=215,B=27
HD 173787	CBCMP	18 44 54.0	-20 20 00	7.2	E0.25	B3 V		39	SWP 10413	H	L	O 060	00 80 293	08 53	G	81/147	C=75,B=33

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD	173787	CBCME	18	44	54.0	-20	20	00	7.2	E0.25	B3	V	39	LWR 9132	L	L	0	000	34	80	297	12	27	G	81/152	C=1.5X,B=25
HD	173787	CBCME	18	44	54.0	-20	20	00	7.2	E0.25	B3	V	39	SWP 10458	L	L	0	000	49	80	297	12	31	G	81/152	C=220,B=15
HD	173787	CBCME	18	44	54.0	-20	20	00	7.2	E0.25	B3	V	39	SWP 10459	H	L	0	053	00	80	297	12	57	G	81/152	C=255,B=50
HD	173787	CBCGM	18	44	54.4	-20	19	49	7.1	E0.12	A2	II	32	LWR 7870	H	L	0	030	00	80	148	10	23	G	80/360	C=202,B=35
HD	173787	CBCGM	18	44	54.4	-20	19	49	7.1	E0.12	A2	II	32	SWP 9139	H	L	0	045	00	80	148	11	00	G	80/360	C=170,B=35
*H	174237	UK303	18	45	33.0	+52	56	00	5.9			*	26	LWR 8763	H	L	0	003	30	80	253	21	06	V	/	402
*H	174237	UK303	18	45	33.0	+52	56	00	5.9			*	26	SWP 10068	H	L	0	005	00	80	253	21	12	V	/	501
HD	174237	CBCGP	18	45	35.9	+52	55	55	5.90	E0.14	B3	IV	26	SWP 8634	H	L	0	007	00	80	093	19	03	G	80/314	C=265,B=40
HD	174237	CBCGP	18	45	35.9	+52	55	55	5.90	E0.14	B3	IV	26	LWR 7381	H	L	0	004	29	80	093	19	18	G	80/314	C=265,B=37
HD	174237	BBBGP	18	45	36.0	+52	55	56	5.9	E0.14	B3	IV	26	SWP 8599	H	L	0	007	14	80	090	10	58	G	80/314	C=250,B=40
HD	174237	BBBGP	18	45	36.0	+52	55	56	5.9	E0.14	B3	IV	26	LWR 7341	H	L	0	004	44	80	090	11	09	G	80/314	C=250,B=35
HD	174237	CBCGP	18	45	36.0	+52	55	56	5.9	E0.10	B3	V	26	SWP 9981	H	L	0	005	29	80	245	15	02	G	81/097	C=220,B=40
HD	174237	CBCGP	18	45	36.0	+52	55	56	5.9	E0.10	B3	V	26	LWR 8693	H	L	0	003	29	80	245	15	13	G	81/097	C=130,B=35
HD	174237	CBCGP	18	45	36.0	+52	55	56	5.9	E0.10	B3	V	26	SWP 9982	H	L	0	005	00	80	245	15	42	G	81/097	C=200,B=38
HD	174237	CBCGP	18	45	36.0	+52	55	56	5.9	E0.14	B3	V	26	SWP 9993	H	L	0	005	00	80	247	09	54	G	81/098	C=195,B=38
HD	174237	CBCGP	18	45	36.0	+52	55	56	5.9	E0.14	B3	V	26	LWR 8702	H	L	0	003	29	80	247	10	04	G	81/097	C=220,B=35
HD	174237	CBCGP	18	45	36.0	+52	55	56	5.9	E0.14	B3	V	26	SWP 9996	H	L	0	005	00	80	247	14	05	G	81/097	C=200,B=38
HD	174237	CBCGP	18	45	36.0	+52	55	56	5.9	E0.14	B3	V	26	LWR 8705	H	L	0	003	29	80	247	14	32	G	81/097	C=235,B=35
HD	174237	CBCGP	18	45	36.0	+52	55	56	5.9	E0.14	B3	V	26	LWR 8907	H	L	0	003	29	80	272	15	32	G	81/117	C=200,B=30
HD	174237	CBCGP	18	45	36.0	+52	55	56	5.9	E0.14	B3	V	26	SWP 10242	H	L	0	005	00	80	272	15	38	G	81/117	C=180,B=30
*3C	390.3	OD30E	18	45	37.5	+79	43	06	13.8			*	86	SWP 9131	L	L	0	300	00	80	147	09	12	G	80/359	E=210,C=100,B=70
*3C	390.3	OD30E	18	45	37.5	+79	44	04	13.8			*	86	LWR 7862	L	L	0	300	00	80	147	14	15	G	80/359	E=167,C=110,B=70
3C	390.3	QSCJC	18	45	37.5	+79	43	06	15			*	86	LWR 9601	L	L	0	395	00	80	364	19	01	G	/	C=150,B=60
3C	390.3	QSCJC	18	45	38.5	+79	43	02	15			*	86	SWP 10907	L	L	0	360	00	80	362	19	08	G	/	E=229,2X,C=105,B=70
*V603	AQI	CVBDI	18	46	21.1	+ 0	31	16	11.5	E0.07	N0	V	55	SWP 8756	L	L	0	013	00	80	105	10	39	G	80/328	E=191,C=164,B=26

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*V603	AQI	CVBDI 18 46 21.1	+ 0 31 16	11.5	E0.07	N0 V	55	LWR 7499	L L	O	030 00	80 105 11 04	G	80/322	C=2-2.5X,B=27
*V603	AQL	CVCDL 18 46 21.1	+00 31 16	11.5	E0.07	N0 V	55	SWP 9639	L L	O	035 00	80 212 04 47	G	81/058	E=255,C=255,B=20
*V603	AQI	CD32B 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9245	L L	O	015 00	80 162 14 28	G	81/008	E=231,C=200,B=50
*V603	AQL	OD32B 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9245	L S	O	015 00	80 162 14 29	G	81/008	E=231,C=200,B=50
*V603	AQL	OD32E 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9246	L L	O	015 00	80 162 15 11	G	81/008	E=217,C=225,B=60
*V603	AQL	OD32B 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9247	L L	O	015 00	80 162 15 51	G	81/022	E=215,C=225,B=40-60
*V603	AQL	OD32B 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9248	L L	O	015 00	80 162 16 32	G	81/022	E=238,C=229,B=40-70
*V603	AQL	OD32E 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9249	L L	O	015 00	80 162 17 14	G	81/022	E=217,C=205,215,B=60
*V603	AQL	OD32B 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9250	L L	O	015 00	80 162 17 57	G	81/028	E=179,C=210-200,B=35
*V603	AQL	OD32E 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9251	L L	O	015 00	80 162 18 37	G	81/014	E=228,C=195,215,B=35
*V603	AQL	OD32E 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	LWR 8001	L L	O	015 00	80 162 18 56	G	81/014	C=1.5X,B=42
*V603	AQL	OD32E 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9252	L L	O	015 00	80 162 19 30	G	81/014	E=226,C=220,205,B=72
*V603	AQL	OD32B 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9253	L L	O	015 00	80 162 20 11	G	81/014	E=205,C=185,B=52
*V603	AQL	OD32E 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	LWR 8002	L L	O	010 00	80 162 20 34	G	81/014	C=190,B=32
*V603	AQL	OD32E 18 46 22.2	+00 31 40	10.8	E0.01	B0 SD	55	SWP 9254	L L	O	015 00	80 162 21 18	G	81/014	E=196,C=150,B=22
*GL 728	CCCMG	18 46 40.0	+17 23 12	9.2	E-.21	M1 V	48	LWR 8286	L L	O	100 00	80 200 11 40	G	81/049	E=150,C=115,B=54
*H 174567	UK30S	18 47 50.0	+31 34 00	6.5		*	22	SWP 9527	H S	C	160 00	80 197 20 30	V	/	301
BET LYRE	CECME	18 48 13.9	+33 17 59	7.30	E0.07	B7 V	22	LWR 7855	L L	O	000 34	80 146 22 01	G	80/360	C=2-2.5X,C=27
BET LYRE	CECME	18 48 13.9	+33 17 59	7.30	E0.07	B7 V	22	SWP 9121	L L	O	000 34	80 146 22 05	G	80/360	C=245,B=17
HD 174638	CECME	18 48 14.0	+33 18 0	3.4	E0.07	B8 II	25	SWP 9085	H L	O	001 09	80 144 16 26	G	80/360	E=2X,C=220-230,B=38
HD 174638	CECME	18 48 14.0	+33 18 0	3.4	E0.07	B8 II	25	LWR 7832	L L	O	000 01	80 144 16 30	G	80/358	E=30%,C=265,B=25
HD 174638	CECME	18 48 14.0	+33 18 0	3.4	E0.07	B8 II	25	SWP 9086	L L	O	000 01	80 144 16 57	G	80/358	E=177,C=120,=25
HD 174638	CECME	18 48 14.0	+33 18 0	3.4	E0.07	B8 II	25	SWP 9113	L L	O	000 01	80 146 14 17	G	80/358	E=251,C=180B=15
HD 174638	CECME	18 48 14.0	+33 18 0	3.4	E0.07	B8 II	25	LWR 7851	L L	O	000 01	80 146 14 23	G	80/358	E=2X,C=200,B=25
HD 174638	CECME	18 48 14.0	+33 18 0	3.4	E0.07	B8 II	25	SWP 9114	H L	O	001 19	80 146 14 50	G	80/358	E=2X,C=290-200,B=32

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL		IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSR TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 174638	CBCMP	18	48	14.0	+33	18	0	3.4	E0.07	B8	II	25	SWP 9119	H	L	0	001	09	80	146	20	11	G	80/360	E=2X,C=195,B=31
HD 174638	CBCMP	18	48	14.0	+33	18	0	3.4	E0.07	B8	II	25	LWR 7853	L	L	0	000	01	80	146	20	39	G	80/360	E=30%,C=225,B=25
HD 174638	CBCMP	18	48	14.0	+33	18	0	3.4	E0.07	B8	II	25	SWP 9120	L	L	0	000	01	80	146	20	43	G	80/360	E=265,C=214,B=25
HD 174638	CBCMP	18	48	14.0	+33	18	0	3.4	E0.07	B8	II	25	LWR 7854	H	L	0	002	00	80	146	21	30	G	80/360	E=2X,C=245,B=32
HD 174638	CBCMP	18	48	14.0	+33	18	00	3.4	E0.07	B8	II	39	SWP 10440	H	L	0	001	39	80	295	12	03	G	81/147	C=280,B=40
HD 174638	CBCMP	18	48	14.0	+33	18	00	3.4	E0.07	B8	II	39	SWP 10441	L	S	0	000	01	80	295	12	31	G	81/140	C=140,B=20
HD 174638	CBCMP	18	48	14.0	+33	18	00	3.4	E0.07	B8	II	39	SWP 10441	L	L	0	000	01	80	295	12	33	G	81/140	C=1.5X,B=20
HD 174638	CBCMP	18	48	14.0	+33	18	00	3.4	E0.07	B8	II	39	LWR 9119	L	S	0	000	01	80	295	12	37	G	81/140	B=20
HD 174638	CBCMP	18	48	14.0	+33	18	00	3.4	E0.07	B8	II	39	LWR 9119	L	L	0	000	01	80	295	12	40	G	81/140	C=1.5X,B=20
NGC 6712-C26	GCCTM	18	50	21.2	-08	46	20	13.1		B0	*	83	SWP 10160	L	L	0	180	00	80	261	00	17	G	81/106	B=30
HD 175306	CCCLK	18	50	27.8	+59	19	36	4.65		K0	II	47	LWR 8007	H	L	0	025	00	80	163	19	03	G	81/014	E=142,C=120,B=48
HD 175306	CCCLK	18	50	27.8	+59	19	36	4.3		G8	V	47	SWP 10884	L	L	0	125	00	80	359	07	42	G	81/208	E=91,C=120,B=55
NU-1 SGR	OD29E	18	51	09.0	-22	48	30	4.8		K2	V	47	LWR 9065	L	L	0	004	00	80	291	01	52	G	81/141	E=230,C=170,B=24
NU-1 SGR	OD29E	18	51	09.0	-22	48	30	4.8		K2	V	47	SWP 10382	L	L	0	045	00	80	291	02	05	G	81/141	E=195,C=135,B=24
NU-1 SGR	OD29E	18	51	09.0	-22	48	30	4.8		K2	V	47	LWR 9066	L	L	0	012	00	80	291	02	57	G	81/141	E=270,C=270,B=24
NU-1 SGR	OD29E	18	51	09.0	-22	48	30	4.8		K2	V	47	SWP 10383	L	L	0	025	00	80	291	03	35	G	81/141	C=150,B=25
*N 6720	UK319	18	51	43.0	+32	58	00	15.0			*	76	LWR 8710	L	L	0	090	00	80	247	21	30	V	/	352
KAP PAV	DCCES	18	51	48.3	-67	17	57	4.3	E0.0	F5	IB	53	LWR 9171	H	L	0	025	00	80	302	08	28	G	81/147	E=9.6,C=230,B=44
KAP PAV	DCCES	18	51	48.3	-67	17	57	4.3	E0.0	F5	IB	53	SWP 10491	L	S	0	010	00	80	302	09	00	G	81/147	E=95,C=80,B=60
KAP PAV	DCCES	18	51	48.3	-67	17	57	4.3	E0.0	F5	IB	53	SWP 10491	L	L	0	020	00	80	302	09	29	G	81/147	E=95,C=100,B=60
HD 175360	HSCBW	18	52	59.0	-23	14	21	5.9	E0.01	B8	V	22	SWP 9046	L	S	0	000	38	80	139	23	33	G	80/358	C=255,2X,B=18
HD 175360	HSCBW	18	52	59.0	-23	14	21	5.9	E0.01	B8	V	22	SWP 9046	L	L	0	000	12	80	139	23	35	G	80/358	E=200,B=18
HD 175360	HSCBW	18	52	59.0	-23	14	21	5.9	E0.01	B8	V	22	SWP 9232	L	S	0	000	43	80	161	14	24	G	81/014	C=255,1.5X,B=33
HD 175360	HSCBW	18	52	59.0	-23	14	21	5.9	E0.01	B8	V	22	SWP 9232	L	L	0	000	53	80	161	14	33	G	81/014	C=235,B=33,TRAILED
HD 175360	HSCBW	18	52	59.0	-23	14	21	5.9	E0.01	B8	V	22	LWR 7994	L	S	0	000	39	80	161	14	41	G	81/014	C=255,2X,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM		DSP & APR	LGE APR	EXPOSR TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD	175360	HSCBW	18	52	59.0	-23	14	21	5.9	E0.01	B8	V	22	LWR	7994	L	L	0 000	09	80	161	14	45	G	81/014		E=255,C=240,B=30
HD	175360	HSCBW	18	52	59.0	-23	14	21	5.9	E0.01	B8	V	22	SWP	9233	H	L	0 018	29	80	161	15	14	G	81/014		C=255,2X,B=95
*H	175638	AB349	18	53	44.0	+04	08	00	4.5			*	31	LWR	7661	H	L	0 006	30	80	125	03	35	V	/		110
*H	175640	UK309	18	53	47.0	-01	52	00	6.2			*	36	SWP	9529	H	S	0 045	00	80	197	02	19	V	/		301
*H	175640	UK309	18	53	47.0	-01	52	00	6.2			*	36	LWR	8261	H	L	0 016	00	80	197	03	08	V	/		502 HICPH
*H	175640	UK309	18	53	47.0	-01	52	00	6.2			*	36	SWP	9544	H	S	0 050	00	80	201	20	37	V	/		401
HD	175754	HSCLC	18	54	39.4	-19	13	14	7.0	E0.23	O8	III	12	SWP	9320	H	L	0 009	00	80	172	06	29	G	81/027		B=221,C=160,185,B=35
HD	175754	HSCLC	18	54	39.4	-19	13	14	7.0	E0.23	O8	III	12	LWR	8082	H	L	0 008	00	80	172	06	42	G	81/027		C=205,B=33
HD	175876	HSCLC	18	55	12.9	-20	29	31	6.9	E0.20	O6.5	III	12	LWR	8083	L	L	0 000	07	80	172	07	39	G	81/027		C=240,B=25
HD	175876	HSCLC	18	55	12.9	-20	29	31	6.9	E0.20	O6.5	III	12	SWP	9321	H	L	0 008	29	80	172	07	43	G	81/022		B=206,C=185,210,B=35
*H	175876	CL333	18	55	13.0	-20	29	00	7.0			*	13	LWR	8726	H	L	0 009	00	80	249	21	37	V	/		602
*H	175876	CL333	18	55	13.0	-20	29	00	7.0			*	13	SWP	10025	H	L	0 009	00	80	249	22	04	V	/		501
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	SWP	9369	L	L	0 060	00	80	178	06	47	G	81/028		B=255,C=255,B=19
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	LWR	8121	H	L	0 025	00	80	178	07	51	G	81/028		C=255,1.5X,B=35
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	SWP	9370	L	L	0 050	00	80	178	08	20	G	81/028		B=183,C=255,B=20
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	LWR	8122	H	L	0 025	00	80	178	09	14	G	81/028		C=255,B=35
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	SWP	9371	L	L	0 055	00	80	178	09	44	G	81/033		B=157,C=255,B=22
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	LWR	8123	H	L	0 025	00	80	178	10	43	G	81/033		C=250,B=40
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	SWP	9372	L	L	0 060	00	80	178	11	12	G	81/033		B=236,C=255,-25X,B=2
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	LWR	8124	H	L	0 025	00	80	178	12	18	G	81/033		C=255,B=38
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	SWP	9373	L	L	0 050	00	80	178	12	48	G	81/028		B=170,C=90,25X,B=27
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	0.10	F0	V	40	LWR	8125	H	L	0 025	00	80	178	13	42	G	81/028		
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	SWP	9374	L	L	0 050	00	80	178	14	20	G	81/028		B=203,C=115,25X,B=55
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	LWR	8126	H	L	0 025	00	80	178	15	14	G	81/028		C=1.5X,B=45
HD	175813	CECAD	18	55	21.1	-37	10	28	4.9	+0.39	F0	V	40	SWP	9375	L	L	0 050	00	80	178	15	46	G	81/033		B=190,C=100,B=40

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 175813	CBCAD	18 55 21.1	-37 10 28	4.9	+0.39	F0	V	40 LWR 8127	H	L	O 025 00	80 178 16 40	G	81/028	C=260,B=46
HD 175813	CBCAD	18 55 21.1	-37 10 28	4.9	+0.39	F0	V	40 SWP 9376	L	L	O 050 00	80 178 17 13	G	81/028	E=197,C=107,25X,B=45
HD 175813	CBCAD	18 55 21.1	-37 10 28	4.9	+0.39	F0	V	40 LWR 8128	H	L	O 025 00	80 178 18 07	G	81/028	C=260,B=45
HD 175813	CBCAD	18 55 21.1	-37 10 28	4.9	+0.39	F0	V	40 SWP 9377	L	L	O 050 00	80 178 18 36	G	81/028	E=173,C=85,25X,B=25
HD 175813	CBCAD	18 55 21.1	-37 10 28	4.9	+0.39	F0	V	40 LWR 8129	H	L	O 025 00	80 178 19 33	G	81/028	C=1.5X,B=40
HD 175813	CBCAD	18 55 21.1	-37 10 28	4.9	+0.39	F0	V	40 SWP 9378	L	L	O 050 00	80 178 20 05	G	81/028	E=178,C=80,25X,B=20
HD 175813	CBCAD	18 55 21.1	-37 10 28	4.9	+0.39	F0	V	40 LWR 8130	H	L	O 049 00	80 178 21 00	G	81/027	C=3X,B=57
*GL 740	CCCMG	18 55 34.0	+ 5 51 24	9.2	E-.04	M2	V	48 LWR 8288	L	L	O 075 00	80 200 14 52	G	81/049	E=198,C=95,B=50
FF AQL	DCCDM	18 56 01.5	+17 17 29	6.1	E0.27	G0	II	39 SWP 10085	L	L	O 160 00	80 255 13 09	G	81/098	C=200,B=82
*IV-14109	HSCJD	18 56 49.0	-14 30 24	11.2	E0.31	A0	IA	27 LWR 8466	L	L	O 035 00	80 221 08 44	G	81/078	E=290,C=120,B=31
*IV-14109	HSCJD	18 56 49.0	-14 30 24	11.2	E0.31	A0	IA	27 SWP 9732	L	L	O 025 00	80 221 09 23	G	81/078	C=41,B=31
HD 176021	CCCEE	18 57 47.2	-64 59 36	7.6		G5	IV	44 SWP 10200	L	L	O 150 00	80 266 10 05	G	81/117	C=200,B=120
*S CR A	CB312	18 57 48.0	-37 01 00	11.5			*	58 LWR 7824	H	L	O 428 00	80 143 00 38	V	/	239
*H 176386	PT361	18 58 17.0	-36 58 00	6.9			*	30 LWR 8928	L	L	O 001 00	80 274 19 46	V	/	501
*H 176386	PT361	18 58 17.0	-36 58 00	6.9			*	30 SWP 10262	L	L	O 001 00	80 274 19 52	V	/	401
*-3713024	PT361	18 58 18.0	-36 57 00	8.7			*	29 SWP 10263	L	L	O 015 00	80 274 20 20	V	/	401
*-3713024	PT361	18 58 18.0	-36 57 00	8.7			*	29 SWP 10263	L	L	O 015 00	80 274 20 44	V	/	501
*-3713024	PT361	18 58 18.0	-36 57 00	8.7			*	29 LWR 8929	L	L	O 015 00	80 274 20 59	V	/	501
*TY CRA	UK339	18 58 18.0	-36 57 00	9.5			*	26 LWR 8567	L	L	O 012 00	80 233 18 45	V	/	503
*TY CRA	UK339	18 58 18.0	-36 57 00	9.5			*	26 SWP 9850	L	L	O 030 00	80 233 19 15	V	/	501
NGC 6741	NPCLA	19 00 02.0	- 0 31 12	12.1		0	*	70 SWP 8970	L	L	O 240 00	80 131 08 49	G	80/353	E=3-4X,B=63
NGC 6741	NPCLA	19 00 02.0	- 0 31 12	12.1		0	*	70 LWR 7721	L	L	O 240 00	80 131 12 53	G	80/353	E=255,C=135,B=70
BV LYR	CVCPS	19 05 44.9	+43 56 11	16			*	63 SWP 10780	L	L	O 240 00	80 343 00 36	G	81/188	E=255,C==120,B=70
BV LYR	CVCPS	19 05 45.0	+43 56 12	15.7			*	63 LWR 9455	L	L	O 150 00	80 343 04 42	G	81/188	E-116,C=100,B=58
*00209EAC	MLCHJ	19 09 16.4	+16 46 35	11.2	E1.4	O8	II	11 LWR 7624	L	L	O 100 00	80 118 10 57	G	80/331	

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
209 EAC	MLCHJ	19 09 16.4	+16 46 35	11.2		N8	II	11 LWR 9250	L L	O	120 00	80 312 04 21	G	81/161	C=195,B=20
HD 179406	IMCPF	19 09 58.0	-08 01 28	5.4	E0.34	B3	IV	21 LWR 7725	H L	O	008 00	80 132 08 46	G	80/351	C=30%
HD 179406	IMCPF	19 09 58.0	-08 01 28	5.4	E0.34	B3	IV	21 SWP 8974	H L	O	010 00	80 132 09 01	G	80/351	C=185,B=31
HD 179406	IMCPF	19 09 58.0	-08 01 28	5.4	E0.34	B3	IV	21 LWR 7726	H L	O	006 00	80 132 09 33	G	80/351	C=220,B=32
HD 179406	IMCPF	19 09 58.0	-08 01 28	5.4	E0.34	B3	IV	21 SWP 8975	H L	O	015 00	80 132 10 04	G	80/351	C=240,B=40
HD 179406	IMCPF	19 09 58.0	-08 01 28	5.4	E0.34	B3	IV	21 SWP 8976	H L	O	015 00	80 132 10 56	G	80/351	C=245,B=41
*P1912-55	JE358	19 12 35.0	-55 00 00	16.0			*	85 SWP 10636	L L	O	400 00	80 324 13 07	V	/	343
*P1912-55	JB358	19 12 35.0	-55 00 00	16.0			*	85 LWR 9361	L L	O	416 00	80 326 12 51	V	/	236
BY SGR	RCCAH	19 13 16.8	-33 36 40	6.1		G0	IB	52 LWR 8158	L L	O	011 23	80 183 16 18	G	81/033	C=3-5X,B=35
BY SGR	RCCAH	19 13 16.8	-33 36 40	6.1		G0	IB	52 SWP 9412	L L	O	030 00	80 183 17 06	G	81/033	C=200,B=27
BY SGR	RCCAH	19 13 16.8	-33 36 40	06.1		G0	IB	52 LWR 8270	L S	O	005 00	80 199 14 58	G	81/049	C=270,B=32
BY SGR	RCCAH	19 13 16.8	-33 36 40	06.1		G0	IB	52 LWR 8270	L L	O	024 00	80 199 15 11	G	81/049	C=270,B=32
BY SGR	RCBAH	19 13 16.9	-33 36 41	7.25	0.0	G0	IB	52 LWR 7640	L L	O	007 00	80 121 10 17	G	80/335	C=80,B=25
BY SGR	RCBAH	19 13 16.9	-33 36 41	7.25	0.0	G0	IB	52 LWR 7640	L S	C	007 00	80 121 10 32	G	80/335	C=135,B=25
BY SGR	RCBAH	19 13 16.9	-33 36 41	7.25	0.0	G0	IB	52 LWR 7641	L L	O	020 00	80 121 11 16	G	80/335	C=1.5X,B=28
BY SGR	RCBAH	19 13 16.9	-33 36 41	7.25	0.0	G0	IB	52 LWR 7642	L L	O	045 00	80 121 12 19	G	80/331	C=3X,B=30
BY SGR	RCBAH	19 13 16.9	-33 36 41	7.25	0.0	G0	IB	52 SWP 8872	L L	O	100 00	80 121 13 10	G	80/331	C=70,B=33
BY SGR	RCCAH	19 13 16.9	-33 36 41	6.1		G0	IB	52 LWR 8208	L L	O	008 00	80 191 14 30	G	81/034	C=255,3X,B=52
BY SGR	RCCAH	19 13 16.9	-33 36 41	6.1		G0	IB	52 SWP 9479	L L	O	025 00	80 191 15 07	G	81/034	C=140,B=55
BY SGR	RCCAH	19 13 16.9	-33 36 41	06.1		G0	IB	52 SWP 9538	L L	O	025 00	80 199 15 46	G	81/049	C=76,B=37
*BY SCR	AC414	19 13 17.0	-33 37 00	6.5			*	50 LWR 7971	L L	O	010 00	80 158 00 17	V	/	602 MICRO PHNIC
*BY SCR	AC414	19 13 17.0	-33 37 00	6.5			*	50 LWR 7970	L L	O	020 00	80 158 22 21	V	/	703
*BY SCR	AC414	19 13 17.0	-33 37 00	6.5			*	50 SWP 9211	L L	O	090 00	80 158 22 44	V	/	302
HD 180809	MLCDM	19 14 38.0	+38 02 30	4.4	E-.10	K0	II	46 LWR 8560	H L	O	090 00	80 233 04 35	G	81/084	B=219,C=150,B=40
HD 180809	MLCDM	19 14 38.0	+38 02 30	4.4	E-.10	K0	II	46 SWP 9845	L L	O	030 00	80 233 06 13	G	81/084	C=200,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR		LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 181182	CBCGH	19	16	37.1	+19	31	4	6.6	E0.10	B8	V	22	SWP 9027	H	L	O	024	00	80	138	22	00	G	80/353		C=210,B=50
HD 181182	CBCGH	19	16	37.1	+19	31	4	6.6	E0.10	B8	V	22	LWR 7783	H	L	O	015	00	80	138	22	31	G	80/358		C=220,B=38
HD 181182	CBCGH	19	16	37.1	+19	31	4	6.6	E0.10	B8	V	22	SWP 9028	H	L	O	024	00	80	138	22	57	G	80/351		C=205,B=42
HD 181182	CBCGH	19	16	37.1	+19	31	4	6.6	E0.10	B8	V	22	LWR 7784	H	L	O	015	00	80	138	23	28	G	80/351		C=220,B=25
HD 181182	CBCGH	19	16	37.1	+19	31	4	6.6	E0.10	B8	V	22	LWR 7871	H	L	O	015	00	80	148	12	21	G	81/002		C=190,B=35
HD 181182	CBCGH	19	16	37.1	+19	31	4	6.6	E0.10	B8	V	22	SWP 9140	H	L	O	024	00	80	148	12	41	G	81/002		C=195,B=38
HD 181182	CBCGH	19	16	37.1	+19	31	4	6.6	E0.10	B8	V	22	LWR 7885	H	L	O	015	00	80	150	16	35	G	81/002		C=220,B=32
HD 181182	CBCGH	19	16	37.1	+19	31	4	6.6	E0.10	B8	V	22	SWP 9148	H	L	O	024	00	80	150	16	55	G	81/002		C=200,B=35
*E141-G55	QSCMG	19	16	57.0	-58	45	52	14.1	0.0	0	*	84	SWP 9200	L	L	O	053	00	80	157	20	56	G	81/002		E=131,C=95,B=40
*E141-G55	QSCMG	19	16	57.0	-58	45	52	14.1	0.0	0	*	84	SWP 9200	L	S	O	053	00	80	157	20	57	G	81/002		E=131,C=95,B=40
E141-G55	QSCMG	19	16	57.0	-58	45	52	14.1			*	84	LWR 8962	L	L	O	040	00	80	281	06	47	G	81/125		E=235,C=190,B=44
E141-G55	QSCMG	19	16	57.0	-58	45	52	14.1			*	84	SWP 10298	L	L	O	050	00	80	281	07	54	G	81/125		E=28,C=160,B=75
E141-G55	QSCMG	19	16	57.0	-58	45	52	14.1			*	84	SWP 10301	L	L	O	066	00	80	281	12	43	G	81/125		E=265,C=250,B=166
*E141-C55	UK327	19	16	57.0	-58	46	00	14.1			*	84	LWR 8939	L	L	O	060	00	80	276	14	44	V	/		102
*E141-C55	UK327	19	16	57.0	-58	46	00	14.1			*	84	SWP 10268	L	L	O	040	30	80	276	15	50	V	/		102
*E141-C55	UK327	19	16	57.0	-58	46	00	14.1			*	84	LWR 8940	L	L	O	060	00	80	276	16	55	V	/		564
*E141-C55	UK327	19	16	57.0	-58	46	00	14.1			*	84	SWP 10269	L	L	O	060	00	80	276	18	00	V	/		261
*E141-C55	UK327	19	16	57.0	-58	46	00	14.1			*	84	LWR 8941	L	L	O	045	00	80	276	19	07	V	/		453
*E141-C55	UK327	19	16	57.0	-58	46	00	14.1			*	84	SWP 10270	L	L	O	080	00	80	276	19	58	V	/		362
*E141-G55	UK370	19	16	57.0	-58	46	00	13.6			*	84	LWR 9352	L	L	O	050	00	80	325	16	56	V	/		353
*E141-G55	UK370	19	16	57.0	-58	46	00	13.6			*	84	SWP 10643	L	L	O	050	00	80	325	17	51	V	/		351
*E141-G55	UK370	19	16	57.0	-58	46	00	13.6			*	84	SWP 10644	L	L	O	038	00	80	325	19	08	V	/		341
LDS678B	FBCGH	19	17	53.0	-07	45	42	12.3		DC	WD	43	SWP 9971	L	L	O	180	00	80	244	12	51	G	81/092		E=250,C=235,B=90
LDS678B	FBCGH	19	17	53.0	-07	45	42	12.3		DC	WD	43	LWR 8681	L	L	O	070	00	80	244	15	59	G	81/092		C=255,1.5X,B=35
LDS678B	FBCGH	19	17	53.0	-07	45	42	12.3		DC	WD	43	SWP 9972	L	L	O	030	00	80	244	17	18	G	81/092		C=90,B=23

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
HD 181615	CBCMP	19	18	52.0	-16	3	0	4.6	E0.2	B8	II	25 SWP 9109	L	L	0 000	27	80	146	10	18	G	81/008	C=230,B=15
HD 181615	CECMP	19	18	52.0	-16	3	0	4.6	E0.2	B8	II	25 LWR 7848	L	L	0 000	09	80	146	10	23	G	81/008	C=2X,B=25
HD 181615	CECMP	19	18	52.0	-16	3	0	4.6	E0.20	B8	II	25 SWP 9110	H	L	0 035	00	80	146	10	50	G	81/008	E=1.5-2X,C=170,B=50
HD 181615	CBCMP	19	18	52.0	-16	3	0	4.6	E0.20	B8	II	25 SWP 9118	H	L	0 015	00	80	146	19	06	G	80/358	E=220,C=160,B=32
*H 182040	FQ409	19	20	24.0	-10	48	00	7.0			*	50 LWR 7773	L	L	0 020	00	80	137	04	08	V	/	703
*H 182040	FQ409	19	20	24.0	-10	48	00	7.0			*	50 LWR 7773	L	S	0 012	00	80	137	04	34	V	/	503
*N 6990	UK319	19	20	24.0	+01	25	00	11.0			*	70 SWP 10000	L	L	0 010	00	80	247	19	25	V	/	110
*N 6990	UK319	19	20	24.0	+01	25	00	11.0			*	70 LWR 8709	L	L	0 020	00	80	247	20	10	V	/	202
*N 6790	ME345	19	20	42.0	+01	25	00	16.0			*	70 SWP 10506	L	L	0 010	00	80	304	14	54	V	/	111
*00BF CYG	CVBDL	19	21	55.1	+29	34	47	12.4	E0.10	M5	III	57 LWR 7501	L	S	0 008	00	80	105	17	05	G	80/329	E=107,C=85,B=13
*00BF CYG	CVBDL	19	21	55.1	+29	34	47	12.4	E0.10	M5	III	57 LWR 7501	L	L	0 025	00	80	105	17	25	G	80/329	E=213,C=170,B=13
*00BF CYG	CVBDL	19	21	55.1	+29	34	47	12.4	E0.10	M5	III	57 SWP 8758	L	L	0 020	00	80	105	18	01	G	80/329	E=255,C=106,B=60
*H 18264C	AH349	19	22	58.0	+03	01	00	3.4			*	40 LWR 7660	H	L	0 005	00	80	125	02	49	V	/	602
HD 182917	CVBDL	19	23	13.9	+50	8	53	6.6	E0.06	M6	III	57 LWR 7502	H	L	0 012	00	80	105	18	51	G	80/328	E=255,C=170,B=48
HD 182917	CVBDL	19	23	13.9	+50	8	53	6.6	E0.06	M6	III	57 SWP 8759	L	L	0 013	00	80	105	19	23	G	80/329	E=255,C=255,B=50
HD 182917	CVBDL	19	23	13.9	+50	8	53	6.8	E0.06	M6	III	57 LWR 7503	L	L	0 001	29	80	105	19	51	G	80/329	C=255,2-3X
HD 182917	CVCDL	19	23	13.9	+50	08	53	6.9	E0.06	M6	III	57 LWR 8389	H	L	0 012	00	80	212	11	29	G	81/058	E=1.5X,C=160,B=35
* CH CYG	ZACAM	19	23	13.9	+50	8	27	8.0	0.0	M6	II	52 SWP 8939	L	L	0 006	00	80	127	14	19	G	80/345	E=255,C=255,2-3X,B=1
* CH CYG	ZACAM	19	23	13.9	+50	8	27	8.	0.0	M6	II	52 LWR 7687	L	L	0 006	00	80	127	14	29	G	80/343	C=255,6-9X,B=34
* CH CYG	ZACAM	19	23	13.9	+50	08	27	8.			IA	52 LWR 7687	L	S	0 006	00	80	127	14	56	G	80/343	C=255,2-3X,B=34
* CH CYG	ZACAM	19	23	13.9	+50	8	27	8.0	0.0	M6	II	52 SWP 8940	H	L	0 020	00	80	127	15	03	G	80/343	E=62,C=50,B=25
* CH CYG	ZACAM	19	23	13.9	+50	8	27	8.0	0.0	M6	II	52 LWR 7688	H	L	0 020	00	80	127	15	33	G	80/343	E=2X,C=200,B=35
CH CYG	ZACAM	19	23	13.9	+50	08	27	8.0	E0.0	M6	II	52 SWP 10877	L	L	0 002	00	80	358	05	45	G	/	C=62 AT 1300,B=19
CH CYG	ZACAM	19	23	13.9	+50	08	27	8.0	E0.0	M6	II	52 LWR 9561	L	L	0 002	00	80	358	05	50	G	/	C=3-5X,B=23
CH CYG	ZACAM	19	23	13.9	+50	08	27	8.0	E0.0	M6	II	52 SWP 10878	H	L	0 025	00	80	358	06	25	G	/	E=80,C=80 AT 1800,B=

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
CH CYG	ZACAM	19	23	13.9	+50	08	27	8.0	E0.0	M6	II	52 LWR 9562	H	L	0 015	00	80	358	06	57	G	/		E=1.5X,C=150,B=32
*H 182917	MH305	19	23	14.0	+50	08	00	7.9			*	39 SWP 9983	L	L	0 010	00	80	245	16	40	V	/		770
*H 182917	MH305	19	23	14.0	+50	08	00	7.9			*	39 SWP 9983	L	S	0 003	00	80	245	16	56	V	/		440
*H 182917	MH305	19	23	14.0	+50	08	00	7.9			*	39 SWP 9984	H	L	0 325	00	80	245	17	30	V	/		773
U AQL	DCCDM	19	26	39.6	-07	09	01	7.5	E0.50	GO	II	39 SWP 10063	L	L	0 070	00	80	253	13	48	G	81/098		C=110,B=42
*H 184006	MF316	19	28	27.0	+51	37	00	3.9			*	31 LWR 8977	H	L	0 005	33	80	282	18	26	V	/		602
*H 184006	MF316	19	28	27.0	+51	37	00	3.9			*	31 SWP 10309	L	L	0 003	32	80	282	18	44	V	/		802
*D+303639	FECSE	19	32	47.5	+30	24	20	10.1	0.0	WC	*	70 SWP 8863	H	L	0 360	00	80	120	10	59	G	80/331		E=2X,C=230,B=100
*H 184711	FS402	19	33	47.0	-39	51	00	8.0			*	47-LWR 8989	L	L	0 090	00	80	284	15	33	V	/		405
HD 185395	CCCEE	19	35	05.9	+50	06	15	4.5		F4	V	41 SWP 10202	L	S	0 005	00	80	266	14	50	G	81/106		C=2-3X,B=20
HD 185395	CCCEE	19	35	05.9	+50	06	15	4.5		F4	V	41 LWR 8866	H	L	0 014	00	80	266	14	58	G	81/117		C=270,B=30
HD 185395	CCCEE	19	35	05.9	+50	06	15	4.5		F4	V	41 SWP 10202	L	L	0 030	00	80	266	15	16	G	81/106		E=20X,B=20
*HM SCE	HN353	19	39	41.0	+16	37	00	10.8			*	57 SWP 9898	L	L	0 025	00	80	238	18	29	V	/		261
*HM SCE	HN353	19	39	41.0	+16	37	00	10.8			*	57 SWP 9898	L	S	0 010	00	80	238	18	57	V	/		131
*HM SCE	HN353	19	39	41.0	+16	37	00	10.8			*	57 LWR 8610	L	L	0 040	00	80	238	19	10	V	/		473
*HM SCE	HN353	19	39	41.0	+16	37	00	10.8			*	57 LWR 8610	L	S	0 008	00	80	238	19	54	V	/		133
*HM SCE	HN353	19	39	41.0	+16	37	00	10.8			*	57 SWP 9899	H	L	0 100	00	80	238	20	06	V	/		042
*HM SCE	HN353	19	39	41.0	+16	37	00	10.8			*	57 LWR 8611	H	L	0 040	00	80	238	21	50	V	/		032
HM SGE	NPCAE	19	39	41.1	+16	37	33	12.0	E0.0	0	*	70 LWR 8653	L	L	0 030	00	80	242	02	23	G	81/092		E=4X,C=100,B=32
HM SGE	NPCAE	19	39	41.1	+16	37	33	12.0	E0.0	0	*	70 SWP 9943	L	L	0 060	00	80	242	03	01	G	81/092		E=4X,C=62,B=35
*H 186122	UK309	19	39	52.0	+12	04	00	6.2			*	36 SWP 9528	H	S	C 075	00	80	197	00	12	V	/		501
*H 186122	UK309	19	39	52.0	+12	04	00	6.2			*	36 LWR 8260	H	L	0 012	00	80	197	01	38	V	/		502
*H 186122	UK309	19	39	52.0	+12	04	00	6.2			*	36 LWR 8259	H	L	0 020	00	80	197	23	33	V	/		602
*N 6814	UK370	19	39	55.0	-10	26	00	14.0			*	80 LWR 8961	L	L	0 352	00	80	280	15	25	V	/		108
NGC 6814	QSCSG	19	39	55.2	-10	26	36	12.2			*	84 SWP 10680	L	L	0 060	00	80	331	05	32	G	81/183		E=43,C=42,B=30

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE		OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
NGC 6814	QSCSG	19	39	55.2	-10	26	36	12.2			*	84	SWP 10693	L	L	0 240	00	80	333	01	50	G	81/187		B=122,C=85,B=61
HD 186427	SPCJC	19	40	32.0	+50	24	27	6.2		G2	V	44	LWR 9525	L	S	0 002	29	80	354	02	46	G	81/207		C=160,B=30, TRAILED
HD 186427	SPCJC	19	40	32.0	+50	24	02	6.2		G2	V	44	LWR 9526	L	S	C 006	00	80	354	03	39	G	81/207		C=2-3X,B=30, TRAILED
HD 186427	SPCJC	19	40	32.0	+50	24	02	6.2		G2	V	44	LWR 9526	L	L	0 005	C0	80	354	03	53	G	81/207		C=195,B=30, TRAILED
HD 186427	SPCJC	19	40	32.0	+50	24	02	6.2		G2	V	44	LWR 9527	L	S	0 015	00	80	354	04	57	G	81/207		C=6X,B=40, TRAILED
HD 186427	SPCJC	19	40	32.0	+50	24	02	6.2		G2	V	44	LWR 9527	L	L	0 022	00	80	354	05	17	G	81/207		C=2X,B=40, TRAILED
NGC 6822	NDCRD	19	42	07.4	-14	48	51			0		* 82	SWP 8942	L	L	0 060	00	80	128	12	22	G	80/343		E=42,C=35,B=24
NGC 6822	NDCRD	19	42	07.4	-14	48	51			0		* 82	LWR 7698	L	L	0 030	00	80	128	13	25	G	80/343		B=29
NGC 6822	NDCRD	19	42	07.4	-14	48	51					* 82	LWR 7698	L	S	0 030	00	80	128	13	26	G	80/343		B=29
NGC 6822	NDCRD	19	42	07.4	-14	48	51					* 82	SWP 8943	L	L	0 120	00	80	128	14	03	G	80/343		C=60,B=40
NGC 6822	NDCRD	19	42	07.4	-14	48	51					* 82	SWP 8943	L	S	0 120	00	80	128	14	04	G	80/343		C=60,B=40
NGC 6822	NDCRD	19	42	11.0	-14	42	4					* 82	SWP 8942	L	S	0 060	00	80	128	12	23	G	80/343		E=42,C=35,B=24
*SAI62956	UK303	19	42	47.0	-14	35	00	9.2				* 45	SWP 10066	L	L	0 025	00	80	253	17	30	V	/		101
*SAI62956	UK303	19	42	47.0	-14	35	00	9.2				* 45	LWR 8760	L	L	0 030	00	80	253	18	00	V	/		403
SU CYG	DCCDM	19	42	48.1	+29	08	31	7.4	E0.09	G0	II	39	SWP 10059	L	L	0 001	15	80	253	08	27	G	81/098		C=42,B=24
SU CYG	DCCDM	19	42	48.1	+29	08	31	7.4	E0.10	G0	II	39	SWP 10060	L	L	0 012	00	80	253	09	08	G	81/098		C=205,B=27
*DELT CYG	GCCTM	19	43	30.0	+45	0	0	2.6	0.08	B9	III	25	SWP 9596	L	L	0 000	00	80	207	11	57	G	81/056		C=145,B=25
*DELT CYG	GCCTM	19	43	30.0	+45	0	0	2.6	0.08	B9	III	25	SWP 9597	H	S	0 003	00	80	207	12	29	G	81/056		E=130,C=215,B=38
*DELT CYG	GCCTM	19	43	30.0	+45	0	0	2.6	0.08	B9	III	25	LWR 8354	L	L	0 000	00	80	207	12	48	G	81/056		C=180,B=27
*DELT CYG	GCCTM	19	43	30.0	+45	0	0	2.6	0.08	B9	III	25	LWR 8355	H	S	0 001	29	80	207	13	18	G	81/056		C=205,B=32
HD 186791	MLCJI	19	43	53.0	+10	29	24	2.6	1.51	K3	II	47	LWR 7539	L	L	0 000	35	80	109	00	05	G	80/325		E=173,C=55,B=25
HD 186791	MLCJI	19	43	53.0	+10	29	24	2.6	1.52	K3	II	47	LWR 7561	H	L	0 020	00	80	110	23	37	G	80/331		E=255,C=¬140,B=40
HD 186791	MLCJI	19	43	53.0	+10	29	24	2.6	1.52	K3	II	47	SWP 8793	H	L	0 120	00	80	111	15	38	G	80/331		C=140,B=65
HD 186791	MLCJI	19	43	53.0	+10	29	24	2.6	E0.12	K3	II	47	SWP 9574	L	L	0 070	00	80	205	18	38	G	81/056		E=242,C=65,B=38
*CD-42144	UK313	19	44	13.0	-42	08	00	10.4			*	54	SWP 9727	L	L	0 004	30	80	220	00	03	V	/		601

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
*CD-42144	UK313	19	44	13.0	-42	08	00	10.4			* 54	LWR 8460	L	L	0	003	30	80	220	23	32	V	/	602
S88B	NDCUH	19	44	40.8	+25	5	11	11.0	-0.06	O3	IB 72	LWR 7706	L	L	0	060	00	80	129	13	55	G	81/002	B=33
S88B	NDCUH	19	44	40.8	+25	5	11	11.0	-0.06	O3	IB 72	SWP 8953	L	L	0	040	00	80	129	14	57	G	80/344	C=45,B=20
BZ VUL	CVCPS	19	45	00.9	+19	21	44	12.4			* 63	SWP 10782	L	L	0	038	00	80	343	09	13	G	81/188	E=144,B=30
*H 187076	DR370	19	45	09.0	+18	24	00	3.8			* 48	SWP 9649	H	L	0	045	00	80	212	00	04	V	/	501
*H 187076	DR370	19	45	09.0	+18	24	00	3.8			* 48	LWR 8396	H	L	0	030	00	80	212	00	56	V	/	563
*CI CYC	MF412	19	46	21.0	+35	33	00	10.0			* 57	SWP 9941	L	L	0	015	00	80	241	21	39	V	/	251
*CI CYC	MF412	19	46	21.0	+35	33	00	10.0			* 57	LWR 8651	L	L	0	040	00	80	241	21	57	V	/	463
*CI CYC	MF412	19	46	21.0	+35	33	00	10.0			* 57	SWP 9942	L	L	0	060	00	80	241	22	40	V	/	371
*H 187473	HM328	19	48	05.0	-27	36	00	7.2			* 27	SWP 9212	L	L	0	001	00	80	158	02	18	V	/	500
*H 187473	HM328	19	48	05.0	-27	36	00	7.2			* 27	LWR 7973	H	L	0	040	00	80	158	02	20	V	/	501
*H 187473	HM328	19	48	05.0	-27	36	00	7.2			* 27	SWP 9213	H	L	0	030	00	80	158	03	04	V	/	301
* CI CYG	ZACRS	19	48	20.9	+35	33	23	10.7		M4	III 57	SWP 8773	L	L	0	012	00	80	107	18	50	G	80/328	E=188,B=36
* CI CYG	ZACRS	19	48	20.9	+35	33	23	10.7		M4	III 57	LWR 7518	L	L	0	015	00	80	107	19	07	G	80/328	E=176,C=130,B=40
* CI CYG	ZACRS	19	48	20.9	+35	33	23	10.7		M4	III 57	SWP 8774	L	L	0	024	00	80	107	19	36	G	80/328	E=255,1.5X,B=58
* CI CYG	ZACRS	19	48	20.9	+35	33	23	10.7		M2	* 57	SWP 8826	L	L	0	024	00	80	116	10	36	G	80/335	E=240,B=24
*CI CYG	ZACRS	19	48	20.9	+35	33	23	10.3	1.5	M4	III 57	LWR 7752	L	L	0	025	00	80	135	16	26	G	80/344	E=243,C=122,B=39
*CI CYG	ZACRS	19	48	20.9	+35	33	23	10.3	1.5	GM	III 57	SWP 8993	L	L	0	025	00	80	135	16	56	G	80/344	E=255,B=35
* CI CYG	ZACRS	19	48	20.9	+35	33	23	10.7	1.5	M4	* 57	LWR 8157	L	L	0	025	00	80	183	13	54	G	81/033	E=217,C=95,B=35
* CI CYG	ZACRS	19	48	20.9	+35	33	23	10.7	1.5	M4	* 57	SWP 9411	L	L	0	025	00	80	183	14	23	G	81/033	E=240,B=38
*CI CYG	ZACRS	19	48	20.9	+35	33	23	10.7	E0.08	M4	III 57	SWP 9573	L	L	0	060	00	80	205	16	23	G	81/056	E=10X,C=85,B=55
* CI CYG	ZACRS	19	48	20.9	+35	33	23	10.7		M4	* 57	SWP 9663	L	L	0	025	00	80	214	15	53	G	81/062	E=1.5X,C=55,B=30
* CI CYG	ZACRS	19	48	20.9	+35	33	23	10.7		M4	* 57	LWR 8408	L	L	0	020	00	80	214	16	27	G	81/062	E=213,C=100,B=35
* CI CYG	ZACRS	19	48	20.9	+35	33	23	10.5		M4	* 57	SWP 9664	L	L	0	054	00	80	214	16	55	G	81/062	E=3-4X,C=90,B=50
*CI CYC	AA410	19	48	21.0	+35	33	00	10.5			* 57	SWP 9255	L	L	0	040	00	80	162	22	30	V	/	216 CIV CIII SAT

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

	OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
	*CI	CYC AA41C	19	48	21.0	+35	33	00	10.5			*	57 LWR 8003	L	L	0	030	00	80	162	23	13	V	/	353
	*CI	CYC AA41C	19	48	21.0	+35	33	00	10.5			*	57 SWP 9256	H	L	0	180	00	80	162	23	45	V	/	163
	*CI	CYG ZACMP	19	48	21.0	+35	33	24	10.5	E0.0	M5	III	57 LWR 7833	L	L	0	020	00	80	144	17	38	G	80/359	E-195,C=70,B=32
	*CI	CYG ZACME	19	48	21.0	+35	33	24	10.5	E0.00	M5	III	57 SWP 9116	L	L	0	021	00	80	146	17	22	G	80/358	E=251,C=38,B=30
	CI	CYG ZACME	19	48	21.0	+35	33	24	10.5	E0.0	M5	III	57 LWR 9120	L	L	0	015	00	80	295	13	19	G	81/140	E=188,C=90,B=30
	CI	CYG ZACME	19	48	21.0	+35	33	24	10.5	E0.0	M5	III	57 LWR 9120	L	S	0	010	00	80	295	13	39	G	81/140	E=82,C=70,B=30
	* CI	CYG ZACRS	19	48	21.0	+35	33	24	10.7		M2	*	57 LWR 7603	L	L	0	020	00	80	116	11	06	G	80/335	E=113,C=110,B=30
	*CI	CYG ZACRS	19	48	21.0	+35	33	24				*	57 SWP 9830	L	L	0	020	00	80	231	11	00	G	81/084	E=255,B=27
	*CI	CYG ZACRS	19	48	21.0	+35	33	24				*	57 LWR 8542	L	L	0	020	00	80	231	11	41	G	81/083	E=186,C=95,B=30
	CI	CYG ZACRS	19	48	21.0	+35	33	24	10.7		M4	III	57 LWR 9303	L	L	0	020	00	80	319	20	29	G	81/173	E=214,C=110,B=25
	CI	CYG ZACRS	19	48	21.0	+35	33	24	10.7		M4	III	57 SWP 10602	L	L	0	020	00	80	319	20	55	G	81/173	E=231,C=40,B=14
	*00CI	CYG CVBDL	19	48	21.1	+35	33	33	11.0	E0.10	M2	III	57 SWP 8757	L	L	0	040	00	80	105	16	03	G	80/322	E=3-4X,C=51,B=27
	*CI	CYG CVCDL	19	48	21.1	+35	33	33	10.9	E0.10	M2	III	57 SWP 9642	L	L	0	035	00	80	212	12	08	G	81/058	E=1.5-2X,C=60,B=40
HD	186427	SPCJC	19	49	32.0	+50	24	27	6.2		G2	V	44 LWR 9525	L	L	0	008	00	80	354	02	53	G	81/207	C=250,B=30, TRAILED
HD	187929	DCCES	19	49	55.5	+00	52	33	3.6	E0.21	F5	IB	53 LWR 9144	H	S	0	036	00	80	300	00	17	G	81/142	C=275,30%X,B=34
HD	187929	DCCES	19	49	55.5	+00	52	33	3.6	E0.21	F5	IB	53 SWP 10476	L	S	0	008	00	80	300	00	58	G	81/142	C=160,B=25
HD	187929	DCCES	19	49	55.5	+00	52	33	3.6	E0.21	F5	IB	53 SWP 10476	L	L	0	008	00	80	300	01	16	G	81/142	C=1.5X,B=25
HD	187929	DCCES	19	49	55.5	+00	52	33	3.6	E0.21	F5	IB	53 LWR 9145	L	S	0	001	09	80	300	01	36	G	81/142	C=2X,B=30
HD	187929	DCCES	19	49	55.5	+00	52	33	3.6	E0.21	F5	IB	53 LWR 9145	L	L	0	002	29	80	300	01	41	G	81/142	C=8X,B=30
HD	187929	DCCES	19	49	55.5	+00	52	33	3.5	E0.21	F5	IB	53 LWR 9149	H	S	0	030	00	80	300	07	15	G	81/153	C=250,B=40
HD	187929	DCCES	19	49	55.5	+00	52	33	3.5	E0.21	F5	IB	53 LWR 9153	H	L	0	015	00	80	300	12	33	G	81/153	C=240,B=30
HD	187929	DCCES	19	49	55.5	+00	52	33	3.5	E0.21	F5	IB	53 SWP 10481	L	L	0	007	00	80	300	13	04	G	81/153	C=235,B=20
HD	187929	DCCES	19	49	55.5	+00	52	33	3.5	E0.21	F5	IB	53 SWP 10481	L	S	0	007	00	80	300	13	05	G	81/153	C=235,B=20
HD	187929	DCCES	19	49	55.5	+00	52	33	3.5	E0.21	F5	IB	53 LWR 9154	L	L	0	001	29	80	300	13	33	G	81/147	C=8X,B=25
HD	187929	DCCES	19	49	55.5	+00	52	33	3.5	E0.21	F5	IB	53 LWR 9154	L	S	0	000	39	80	300	13	35	G	81/147	C=1.5X,B=25

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR	MN	SEC	TARGET DEC DEC	MN	SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN	SC	OBSERVATION DATE YR	DAY	HR	MN	ST ID	RELEAS DATE YR	DAY	OBSERVERS COMMENTS
HD 187929	DCCES	19	49	55.5	+00	52	33	3.7	E0.21	F7	IB	53 LWR 9156	H	L	O 020	00	80	301	06	40	G	81/	147	C=270,B=40
HD 187929	DCCES	19	49	55.5	+00	52	33	3.7	E0.21	F6	IB	53 SWP 10485	L	L	O 008	00	80	301	07	06	G	81/	147	C=168,B=30
HD 187929	DCCES	19	49	55.5	+00	52	33	3.7	E0.21	F6	IB	53 LWR 9157	L	S	O 001	29	80	301	07	35	G	81/	147	C=3X,B=26
HD 187929	DCCES	19	49	55.5	+00	52	33	3.7	E0.21	F6	IB	53 LWR 9157	L	L	O 003	29	80	301	07	42	G	81/	147	C=10X,B=26
HD 187929	DCCES	19	49	55.5	+00	52	33	3.7	E0.21	F7	IB	53 LWR 9162	H	L	O 024	00	80	301	13	29	G	81/	152	C=270,B=36
HD 187929	DCCES	19	49	55.5	+00	52	33	3.9	E0.21	F7	IB	53 LWR 9166	H	L	O 026	00	80	302	00	50	G	81/	142	C=260-265,B=32
HD 187929	DCCES	19	49	55.5	+00	52	33	3.8	E0.21	F7	IB	53 LWR 9172	H	L	O 025	00	80	302	10	16	G	81/	155	E=80,C=270,1.5X,B=56
HD 187929	DCCES	19	49	55.5	+00	52	33	4.2	E0.21	G2	IB	53 LWR 9191	H	L	O 048	00	80	304	06	21	G	81/	152	C=260,B=44
HD 187929	DCCES	19	49	55.5	+00	52	33	4.2	E0.21	G3	IB	53 LWR 9192	L	S	O 004	00	80	304	07	38	G	81/	161	C=2X,B=25
HD 187929	DCCES	19	49	55.5	+00	52	33	4.2	E0.21	G3	IB	53 LWR 9192	L	L	O 010	00	80	304	07	46	G	81/	161	C=5-10X,B=25
HD 187929	DCCES	19	49	55.5	+00	52	33	4.3	E0.21	G3	IB	53 LWR 9200	H	L	O 050	00	80	305	06	09	G	81/	152	E=70,C=270,B=34
HD 188209	IGCJS	19	50	28.6	+46	53	51	5.6	E0.21	O9	IA	13 LWR 9535	H	S	O 004	34	80	355	03	27	G	81/	203	C=225,B=33
HD 188209	IGCJS	19	50	28.6	+46	53	51	5.6	E0.21	O9	IA	13 SWP 10840	H	S	O 007	04	80	355	03	37	G	81/	203	C=254,B=42
HD 188439	IGCJS	19	51	32.4	+47	40	36	6.3	E0.14	B0	III	23 LWR 9543	H	S	O 008	00	80	356	05	13	G	/		C=212,B=32
HD 188439	IGCJS	19	51	32.4	+47	40	36	6.3	E0.14	B0	III	23 SWP 10852	H	S	O 012	30	80	356	05	39	G	/		C=220,B=37
HD 188665	CBCBW	19	52	15.7	+57	23	58	5.14	-0.15	B5	V	21 LWR 7668	H	L	O 002	29	80	125	19	55	G	81/	083	C=225,B=32
HD 188665	CBCBW	19	52	15.7	+57	23	29	5.14	-0.15	B5	V	21 SWP 8919	H	L	O 004	00	80	125	20	11	G	81/	083	E=180,C=240,B=40
*V1016CYC	HN353	19	55	20.0	+39	41	00	11.0			*	57 SWP 9878	L	L	O 020	00	80	236	18	34	V	/		382
*V1016CYC	HN353	19	55	20.0	+39	41	00	11.0			*	57 SWP 9879	H	L	O 015	00	80	236	18	51	V	/		052
*V1016CYC	HN353	19	55	20.0	+39	41	00	11.0			*	57 SWP 9878	L	S	O 007	00	80	236	19	03	V	/		382
*V1016CYC	HN353	19	55	20.0	+39	41	00	11.0			*	57 LWR 8593	L	L	O 015	00	80	236	19	15	V	/		572
*V1016CYC	HN353	19	55	20.0	+39	41	00	11.0			*	57 LWR 8593	L	L	O 008	00	80	236	19	29	V	/		462
*V1016CYC	HN353	19	55	20.0	+39	41	00	11.0			*	57 LWR 8594	H	L	O 030	00	80	236	20	16	V	/		152
*V1016CYC	HN353	19	55	20.0	+39	41	00	11.0			*	57 SWP 9880	H	L	O 045	00	80	236	20	50	V	/		172
*V1016CYC	HN353	19	55	20.0	+39	41	00	11.0			*	57 LWR 8595	H	L	O 090	00	80	236	21	38	V	/		272

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	CB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSE TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
*V1016CYC	HN353	19 55 20.0	+39 41 00	11.0		*	57	SWP 9881	H	L	0 157 00	80 236 23 11	V	/	282
HD 226868	XECHG	19 56 28.6	+35 03 57	8.89	+0.85	09.7 IB	59	SWP 9394	L	L	0 045 00	80 180 17 50	G	81/044	C=180,B=35
HD 226868	XECHG	19 56 28.8	+35 03 58	8.9	E0.85	B0 IAB	23	SWP 9340	L	L	0 045 00	80 173 20 58	G	81/022	C=170,B=30
HD 226828	XECHG	19 56 28.8	+35 3 54	8.9	+0.85	B0 IAB	23	SWP 9364	L	L	0 045 00	80 177 14 25	G	81/027	C=190,B=48
HD 226868	XECHG	19 56 28.8	+35 3 54	8.9	1.07	09.7 IB	59	SWP 9397	L	L	0 060 00	80 181 06 37	G	81/044	C=217,B=20
HD 226828	XECHG	19 56 28.8	+35 03 58	8.9	+0.85	09.7 IB	23	SWP 9413	L	L	0 050 00	80 183 19 00	G	81/033	C=195,B=25
HD 226828	XECHG	19 56 28.8	+35 3 54	8.9	+0.85	09.7 IB	59	SWP 9421	L	L	0 060 00	80 184 18 45	G	81/033	C=210,B=30
HD 226828	XECHG	19 56 28.8	+35 3 54	8.9	+0.85	09.7 IB	59	SWP 9439	L	L	0 060 00	80 186 18 42	G	81/034	C=205,B=20
HD 226828	XECHG	19 56 28.8	+35 3 54	8.9	+0.85	09.7 IB	59	SWP 9459	L	L	0 060 00	80 188 10 05	G	81/034	C=210,B=30
NGC 6853	FECSH	19 57 26.5	+22 34 44	13.8		05 *	70	SWP 10734	L	L	0 004 00	80 338 03 56	G	81/183	B=26,B=15
*GL 775	CCCMG	20 00 17.0	+03 11 00	7.5	E0.09	K4 V	46	LWR 8287	L	L	0 016 00	80 200 13 53	G	81/058	E=158,C=100,B=28
BR TEL	PHCAL	20 00 17.9	-55 51 53	14		*	63	LWR 8271	L	L	0 002 29	80 199 17 11	G	81/044	E=255,2X,C=100,B=45
BR TEL	PHCAL	20 00 17.9	-55 51 53	14		*	63	SWP 9539	H	L	0 000 34	80 199 17 18	G	81/044	E=260,B=15
BR TEL	PHCAL	20 00 17.9	-55 51 53	14		*	63	LWR 8272	H	L	0 023 00	80 199 17 53	G	81/044	E=255,3X,B=35
BR TEL	PHCAL	20 00 17.9	-55 51 53	14		*	63	SWP 9540	H	L	0 010 00	80 199 18 41	G	81/049	E=255,2X,B=15
BR TEL	PHCAL	20 00 18.0	-55 51 54	11		*	63	SWP 8609	H	L	0 010 00	80 091 06 43	V	81/058	
BR TEL	PHCAL	20 00 18.0	-55 51 54	11		*	63	LWR 7357	L	L	0 003 00	80 091 07 11	V	81/049	
BR TEL	PHCAL	20 00 18.0	-55 51 54	11		*	63	LWR 7357	L	S	C 010 00	80 091 07 17	V	81/049	
BR TEL	PHCAL	20 00 18.0	-55 51 54	11		*	63	SWP 8610	L	L	0 001 14	80 091 07 46	V	81/049	
BR TEL	PHCAL	20 00 18.0	-55 51 54	11		*	63	SWP 8610	L	S	C 002 29	80 091 07 50	V	81/049	
BR TEL	PHCAL	20 00 18.0	-55 51 54	14		*	63	LWR 7662	H	L	0 002 29	80 125 04 41	V	81/117	
BR TEL	PHCAL	20 00 18.0	-55 51 54	14		*	63	SWP 8912	H	L	0 010 00	80 125 05 07	V	81/117	
BR TEL	PHCAL	20 00 18.0	-55 51 54	14		*	63	LWR 7663	H	L	0 023 00	80 125 05 35	V	81/117	
BR TEL	PHCAL	20 00 20.0	-55 52 03	10.8		*	63	SWP 8606	L	S	0 003 00	80 091 03 59	V	81/049	
BR TEL	PHCAL	20 00 20.0	-55 52 03	10.8		*	63	SWP 8606	L	L	0 001 29	80 091 04 06	V	81/049	

IUE LOG BY RIGHT ASCENSION AND PROGRAM ID

OBJECT ID	PROG ID	TARGET RA HR MN SEC	TARGET DEC DEC MN SC	VIS MAG	B-V OR EB-V	SPEC TYPE	OB CL	IMAGE SEQ NUM	DSP & APR	LGE APR	EXPOSR TIME MIN SC	OBSERVATION DATE YR DAY HR MN	ST ID	RELEAS DATE YR DAY	OBSERVERS COMMENTS
BR TEL	PHCAL	20 00 20.0	-55 52 03	10.8			* 63	LWR 7354	L L	O	003 00	80 091 04 11	V	81/049	
BR TEL	PHCAL	20 00 20.0	-55 52 03	10.8			* 63	LWR 7354	L S	C	006 00	80 091 04 17	V	81/049	
BR TEL	PHCAL	20 00 20.0	-55 52 03	10.8			* 63	SWP 8607	L L	O	001 14	80 091 05 07	V	81/049	
BR TEL	PHCAL	20 00 20.0	-55 52 03	10.8			* 63	SWP 8607	L S	C	002 29	80 091 05 11	V	81/049	
BR TEL	PHCAL	20 00 20.0	-55 52 03	10.8			* 63	LWR 7355	L L	O	003 00	80 091 05 16	V	81/049	
BR TEL	PHCAL	20 00 20.0	-55 52 03	10.8			* 63	LWR 7355	L S	C	010 00	80 091 05 16	V	81/049	
BR TEL	PHCAL	20 00 20.0	-55 52 03	11			* 63	SWP 8608	H L	O	005 00	80 091 05 50	V	81/049	
BR TEL	PHCAL	20 00 20.0	-55 52 03	11			* 63	LWR 7356	H L	O	015 00	80 091 06 15	V	81/049	
*BR TEL	PHCAL	20 00 20.0	-55 52 00	10.5			* 63	SWP 8911	L L	O	000 35	80 125 04 37	V	/	261
*BR TEL	PHCAL	20 00 20.0	-55 52 00	10.5			* 63	LWR 7662	L L	O	002 30	80 125 04 40	V	/	362
*BR TEL	PHCAL	20 00 20.0	-55 52 00	10.5			* 63	SWP 8912	H L	O	010 00	80 125 05 07	V	/	261
*BR TEL	PHCAL	20 00 20.0	-55 52 00	10.5			* 63	LWR 7663	H L	O	023 00	80 125 05 35	V	/	263
*BR TEL	PHCAL	20 00 20.0	-55 52 00	10.5			* 63	SWP 10434	H L	O	060 00	80 294 20 32	V	/	271
*BR TEL	PHCAL	20 00 20.0	-55 52 00	10.5			* 63	SWP 10553	L L	O	000 30	80 310 18 31	V	/	250
*BR TEL	PHCAL	20 00 20.0	-55 52 00	10.5			* 63	LWR 9238	H L	O	030 00	80 310 18 36	V	/	262
*BR TEL	PHCAL	20 00 20.0	-55 52 00	10.5			* 63	SWP 10554	H L	O	020 00	80 310 19 11	V	/	261
*BR TEL	PHCAL	20 00 20.0	-55 52 00	10.5			* 63	LWR 9239	L L	O	003 00	80 310 19 37	V	/	362
*BR TEL	VILSP	20 00 20.0	-55 52 00	9.8			* 57	SWP 9510	H L	O	020 00	80 194 00 07	V	/	060
*BR TEL	VILSP	20 00 20.0	-55 52 00	9.8			* 57	LWR 8234	H L	O	020 00	80 194 00 33	V	/	262 MICPH
HD 190073	IECBS	20 00 36.0	+05 35 49	7.9		AO	* 60	LWR 8036	L L	O	002 00	80 166 20 08	G	81/012	C=230,B=30
HD 190073	IECBS	20 00 36.0	+05 35 49	7.9		AO	* 60	SWP 9283	L L	O	006 00	80 166 20 14	G	81/012	C=200,B=35
HD 190073	MLCNM	20 00 36.0	+05 35 59	7.9		AO	IA 34	LWR 8996	H L	O	090 00	80 285 05 58	G	81/126	E=1.5X,C=205,B=50
HD 190229	PHCAL	20 01 12.0	+15 53 00	5.7		AO	* 25	LWR 8103	H L	O	009 29	80 174 22 29	V	81/119	
HD 190229	PHCAL	20 01 12.0	+15 53 00	5.		AO	* 25	SWP 9348	L L	O	000 05	80 174 22 42	V	81/119	
HD 190229	PHCAL	20 01 12.0	+15 53 00	5.7		AO	* 25	LWR 8104	L L	O	000 05	80 174 23 07	V	81/119	