



## The INES Archive Data Server

### LWP26639LL.FITS Headers

#### Primary Header

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SIMPLE = T / Standard FITS Format
BITPIX = 8 / 8 bits ASCII
NAXIS = 0 / No image data
EXTEND = T / Extensions are present
TELESCOP= 'IUE' / International Ultraviolet Explorer
DATE = '29/03/96' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWP' / Camera
IMAGE = 26639 / Sequential image number
DISPERSN= 'LOW' / Dispersion processing type
APERTURE= 'LARGE' / Aperture
ABNOSTD= 'NO' / Non-standard image acquisition
ABNBADSC= 'NO' / LWP bad scans
ABNHTRWU= 'NO' / LWR heater warmup
ABNREAD = 'NO' / Read at other than 20 KB
ABNUVC = 'NO' / Non-standard UVC voltage
ABNHISTR= 'NO' / History replay
ABNOTHER= 'NO' / Other abnormality
POSANGLE= 324.19 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 98.0 / Cross-correlation % successful
ITF = 'LWP92R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=94,B=40
COMMENT BY RA: 0 MISSING MINOR FRAMES NOTED ON SCRIPT
COMMENT BY RA: 0 BAD SCAN STARTS NOTED ON SCRIPT
COMMENT BY RA: EXP 1 EX= 4, EY= 4
COMMENT BY RA: EXP 1 TRACKED ON GYROS
COMMENT BY RA: S PREP USED
COMMENT BY RA: WARNING: Some LWP low dispersion spectra taken after 12 Nov 1992
COMMENT BY RA: are contaminated by scattered solar spectrum.
DATEOBS = '27/10/93' / Observing date
TIMEOBS = '06:21:10' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'NO' / Segmented exposure code
EXPTIME = 2699.551 / Integration time in seconds
RA = 359.9321 / Homogeneous R.A. in degrees
DEC = 3.1700 / Homogeneous Dec. in degrees
TARGET = '75 EURYD' / Object as given by Guest Observer
TARGRA = 359.9321 / R.A. in degrees (given by G0)
TARGDEC = 3.1700 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 75 EURYDICE' / Homogeneous Object ID
HJD-MID = 2449287.78515 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START

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LWP 26639, 75 EURYDIKE, 45 MIN EXPO, LO RES, LGAP  
POINTING AFTER EXPO: EX,EY = 4,4  
TRACKING USING FIELD STAR  
OBSERVER:STERN/SERVICE ID:ASPSS 27 OCT 1993 DAY 300

COMMENT IUE-VICAR HEADER END  
HISTORY START RAW\_SCREEN 29-MAR-1996 09:14:18  
HISTORY 8 BRIGHT SPOTS DETECTED  
HISTORY 0 MISSING MINOR FRAMES DETECTED  
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS  
HISTORY POINT SOURCE  
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 75  
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0  
HISTORY BACKGROUND DN LEVEL = 36  
HISTORY END RAW\_SCREEN 29-MAR-1996 09:15:00  
HISTORY START EXTRACTION 20-JAN-1998 01:38:01  
HISTORY INES NOISE MODEL USED  
HISTORY CROSS-DISPERSION PROFILES BINNED IN 22 BLOCKS  
HISTORY EMPIRICAL EXTRACTION  
HISTORY CENTROID FOUND AT LINE 50.4  
HISTORY REJECT PIXELS DEVIATING BY 6.0 SIGMA  
HISTORY OUT OF 14720 PIXELS 2 REJECTED AS COSMIC RAY HITS  
HISTORY END EXTRACTION 20-JAN-1998 01:38:13  
END

#### **Binary Table Header**

```
XTENSION= 'BINTABLE' /Written by IDL: 20-Jan-1998 01:38:13.00
BITPIX = 8 /
NAXIS = 2 /Binary table
NAXIS1 = 14 /Number of bytes per row
NAXIS2 = 562 /Number of rows
PCOUNT = 0 /Random parameter count
GCOUNT = 1 /Group count
TFIELDS = 4 /Number of columns
TFORM1 = '1E ' /Real*4 (floating point)
TTYPE1 = 'WAVELENGTH' /Label for column 1
TUNIT1 = 'ANGSTROM' /Units of column 1
TDISP1 = 'F10.3 ' /Display format for column 1
TFORM2 = '1E ' /Real*4 (floating point)
TTYPE2 = 'FLUX ' /Label for column 2
TUNIT2 = 'ERG/CM2/S/A' /Units of column 2
TDISP2 = 'E15.7 ' /Display format for column 2
TFORM3 = '1E ' /Real*4 (floating point)
TTYPE3 = 'SIGMA ' /Label for column 3
TUNIT3 = 'ERG/CM2/S/A' /Units of column 3
TDISP3 = 'E15.7 ' /Display format for column 3
TFORM4 = '1I ' /Integer*2 (short integer)
TTYPE4 = 'QUALITY ' /Label for column 4
TUNIT4 = ' ' /Units of column 4
TDISP4 = 'I7 ' /Display format for column 4
FILENAME= 'LWP26639LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
```