The INES Archive Data Server

LWP26641LL.FITS Headers

Primary Header

```
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    = '08/02/96'           /Date file is written (*new FITS standard*)
ORIGIN  = 'GSFC    '           / Institution generating the file
CAMERA  = 'LWP     '           / Camera
IMAGE   =                26641 / Sequential image number
DISPERSN= 'LOW     '           / Dispersion processing type
APERTURE= 'LARGE   '           / Aperture
ABNNOSTD= '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=                 94.6 / Cross-correlation % successful
ITF     = 'LWP92R94A'          / ITF identification
COMMENT BY RA:  EXP 1 APER L C=153,B=47
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=    3, EY=    6
COMMENT BY RA:  EXP 1 TRACKED ON GYROS
COMMENT BY RA:  S   PREP USED
COMMENT BY RA:  OFFSET 1  FROM: SAO 108985
COMMENT BY RA:  OFFSET 1  COORDINATES: 00 00 24.5 +03 06 13
COMMENT BY RA:  OFFSET 1  MAGNITUDE: 8.600
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 = '09:24:40'           / Observing time
EXPTRMD = 'NO-TRAIL'           / Trail mode
EXPMULT = 'NO      '           / Multiple exposure mode
EXPSEGM = 'NO      '           / Segmented exposure code
EXPTIME =             5399.634 / 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 GO)
TARGDEC =               3.1700 / Dec. in degrees (given by GO)
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```
OBJECT  = 'ZZ  75 EURYDICE'              / Homogeneous Object ID
HJD-MID =        2449287.92820 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
        LWP 26641,  75 EURYDICKE, 90 MIN EXPOSURE,  LO RES, LGAP
        AFTER EXPOSURE: EX,EY = 3,6
        OBSERVER:STERN/SERVICE  ID:ASPSS  27 OCT 1993 DAY 300
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN                              8-FEB-1996 04:08:33
HISTORY   14 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 = 112
HISTORY SMALL APERTURE CONTINUUM DN LEVEL =   0
HISTORY BACKGROUND DN LEVEL =  40
HISTORY END   RAW_SCREEN                              8-FEB-1996 04:09:00
HISTORY START EXTRACTION                             20-JAN-1998 01:38:33
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN  32 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE  50.7
HISTORY REJECT PIXELS DEVIATING BY  6.0 SIGMA
HISTORY OUT OF    14720 PIXELS        4 REJECTED AS COSMIC RAY HITS
HISTORY *** WARNING: SOLAR CONTAMINATION CORRECTION APPLIED
HISTORY END EXTRACTION                               20-JAN-1998 01:38:54
END
```

Binary Table Header

```
XTENSION= 'BINTABLE'           /Written by IDL:  20-Jan-1998 01:38:54.00
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= 'LWP26641LL.FITS'    /Filename(camera)(number)(disp)(aper).FITS
END
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