



# The INES Archive Data Server

## LWR09484LL.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 = '20/07/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 9484 / 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= 21.26 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 97.3 / Cross-correlation % successful
ITF = 'LWR83R96A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=185,B=32
COMMENT BY RA: LWR 0-MINUTE HEATER WARMUP
COMMENT BY RA: 0 MISSING MINOR FRAMES NOTED ON SCRIPT
COMMENT BY RA: EXP 1 TRACKED ON GYROS
COMMENT BY RA: S PREP USED
COMMENT BY RA: OFFSET 1 FROM: SAO 057212
COMMENT BY RA: OFFSET 1 COORDINATES: 04 21 14.1 +34 01 01
COMMENT BY RA: OFFSET 1 MAGNITUDE: 5.500
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 3 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA: Ping = 11 DN at Y=414,408.
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '13/12/80' / Observing date
TIMEOBS = '01:20:42' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 4499.078 / Integration time in seconds
RA = 66.0528 / Homogeneous R.A. in degrees
DEC = 34.0175 / Homogeneous Dec. in degrees

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TARGET = '704 INTERAMNIA' / Object as given by Guest Observer  
TARGRA = 66.0528 / R.A. in degrees (given by G0)  
TARGDEC = 34.0175 / Dec. in degrees (given by G0)  
OBJECT = 'ZZ 704 INTERAMN' / Homogeneous Object ID  
HJD-MID = 2444586.58753 / JD middle of obs. with Heliocentric corr.  
COMMENT IUE-VICAR HEADER START  
LWR 9484, 704 INTERAMNIA, 75MIN, LO DISP, LG APER  
OFFSET STAR SAO 57212 RA 4,21,14.1 DEC 34,1,1 M=5.5  
EXPOSURE DONE IN THREE PARTS OF 15,30, & 30 MIN  
OBSERVERS: NELSON,VEEDER,MCCORD, PROGRAM: SACDM  
DATE: DEC 12 1980.347/348  
COMMENT IUE-VICAR HEADER END  
HISTORY START RAW\_SCREEN 20-JUL-1997 19:05:27  
HISTORY 28 BRIGHT SPOTS DETECTED  
HISTORY 0 MISSING MINOR FRAMES DETECTED  
HISTORY 6 LINES AFFECTED BY MICROPHONICS:  
HISTORY LINE: 483  
HISTORY LINE: 484  
HISTORY LINE: 485  
HISTORY LINE: 486  
HISTORY LINE: 487  
HISTORY LINE: 488  
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS  
HISTORY POINT SOURCE  
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 139  
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0  
HISTORY BACKGROUND DN LEVEL = 37  
HISTORY END RAW\_SCREEN 20-JUL-1997 19:06:05  
HISTORY START EXTRACTION 21-JAN-1998 16:14:35  
HISTORY INES NOISE MODEL USED  
HISTORY CROSS-DISPERSION PROFILES BINNED IN 28 BLOCKS  
HISTORY EMPIRICAL EXTRACTION  
HISTORY CENTROID FOUND AT LINE 52.2  
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA  
HISTORY OUT OF 14720 PIXELS 4 REJECTED AS COSMIC RAY HITS  
HISTORY END EXTRACTION 21-JAN-1998 16:14:45  
END

### Binary Table Header

XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 16:14:45.00  
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

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TUNIT4 = '          ' /Units of column 4
TDISP4 = 'I7         ' /Display format for column 4
FILENAME= 'LWR09484LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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*[Version 3.0](#) - June 2000*