



## The INES Archive Data Server

### LWR12297LL.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 = '06/09/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 12297 / Sequential image number
DISPERSN= 'LOW' / Dispersion processing type
APERTURE= 'LARGE' / Aperture
ABNOSTD= 'NO' / Non-standard image acquisition
ABNBADSC= 'NO' / LWP bad scans
ABNHTRWU= 'YES' / 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= 182.23 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 98.0 / Cross-correlation % successful
ITF = 'LWR83R94A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=160,B=40
COMMENT BY RA: LWR 4-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 99392
COMMENT BY RA: OFFSET 1 COORDINATES: 10 50 4.3 +11 58 24
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.300
COMMENT BY RA: EXPOSURE 1 SEGMENTED (11 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 2 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 3 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 4 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 5 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 6 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 7 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 8 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 9 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 10 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: SEGMENT 11 EXPOSED 899.765 SEC.(EFF); 900.0 SEC.(COM)
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '06/01/82' / Observing date

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TIMEOBS = '19:51:23' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 9897.418 / Integration time in seconds
RA = 164.8537 / Homogeneous R.A. in degrees
DEC = 11.3047 / Homogeneous Dec. in degrees
TARGET = '40 HARMONIA' / Object as given by Guest Observer
TARGRA = 164.8537 / R.A. in degrees (given by G0)
TARGDEC = 11.3047 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 40 HARMONIA' / Homogeneous Object ID
HJD-MID = 2444976.38784 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
LWR 12297, 40 HARMONIA, 165 MIN, LOW DISPERSION, LARGE APE
EXPOSURE DONE IN 11 PARTS OF 15 MIN EACH
DID 4 MIN HEATER WARMUP READ
OBSERVERS: NELSON/OCKERT, PROGRAM: SADDM, DATE: 1982.006-7
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 6-SEP-1997 17:15:17
HISTORY 48 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 0 LINES AFFECTED BY MICROPHONICS:
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 142
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 44
HISTORY END RAW_SCREEN 6-SEP-1997 17:16:31
HISTORY START EXTRACTION 21-JAN-1998 23:37:35
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 17 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 50.1
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 5 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION 21-JAN-1998 23:37:49
END

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### Binary Table Header

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XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 23:37:50.00
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= 'LWR12297LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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*[Version 3.0](#) - June 2000*