



The INES Archive Data Server

LWR07879LL.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 = '16/03/97' / Date file is written (*new FITS standard*)
ORIGIN = 'GSFC' / Institution generating the file
CAMERA = 'LWR' / Camera
IMAGE = 7879 / 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= 354.13 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO' / Bad/missing minor frames
CC-PERCN= 90.7 / Cross-correlation % successful
ITF = 'LWR83R96A' / ITF identification
COMMENT BY RA: EXP 1 APER L C=110,B=35
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: UNKNOWN
COMMENT BY RA: OFFSET 1 COORDINATES: 13 29 20.8 -18 28 18
COMMENT BY RA: OFFSET 1 MAGNITUDE: 6.000
COMMENT BY RA: EXPOSURE 1 SEGMENTED ( 3 EXPOSURES)
COMMENT BY RA: SEGMENT 1 EXPOSED 1199.592 SEC.(EFF); 1200.0 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: 14 DN ping at Y=255 to 265.
COMMENT BY RA: Homogeneous coordinates not available; G0 coordinates used.
DATEOBS = '28/05/80' / Observing date
TIMEOBS = '09:16:32' / Observing time
EXPTRMD = 'NO-TRAIL' / Trail mode
EXPMULT = 'NO' / Multiple exposure mode
EXPSEGM = 'YES' / Segmented exposure code
EXPTIME = 4798.905 / Integration time in seconds
RA = 202.5404 / Homogeneous R.A. in degrees
DEC = -19.0653 / Homogeneous Dec. in degrees

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TARGET = '63 AUSONIA' / Object as given by Guest Observer
TARGRA = 202.5404 / R.A. in degrees (given by G0)
TARGDEC = -19.0653 / Dec. in degrees (given by G0)
OBJECT = 'ZZ 63 AUSONIA' / Homogeneous Object ID
HJD-MID = 2444387.91873 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
      LWR 7879, 63 AUSONIA, LOW DISP, LARGE APER, 4800 SEC EXPO
      EXPOSED IN 3 PARTS 20+30+30 MIN = 4800 SEC, TO CHECK DRIF
      OBSERVERS: VEEDER/NELSON, PROGRAM: SACDM, DATE: 1980.149..
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN 16-MAR-1997 00:52:05
HISTORY 29 BRIGHT SPOTS DETECTED
HISTORY 0 MISSING MINOR FRAMES DETECTED
HISTORY 8 LINES AFFECTED BY MICROPHONICS:
HISTORY LINE: 633
HISTORY LINE: 634
HISTORY LINE: 635
HISTORY LINE: 636
HISTORY LINE: 637
HISTORY LINE: 638
HISTORY LINE: 639
HISTORY LINE: 640
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 88
HISTORY SMALL APERTURE CONTINUUM DN LEVEL = 0
HISTORY BACKGROUND DN LEVEL = 37
HISTORY END RAW_SCREEN 16-MAR-1997 00:52:46
HISTORY START EXTRACTION 21-JAN-1998 11:06:12
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN 9 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE 52.1
HISTORY REJECT PIXELS DEVIATING BY 5.0 SIGMA
HISTORY OUT OF 14720 PIXELS 10 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION 21-JAN-1998 11:06:24
END

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Binary Table Header

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XTENSION= 'BINTABLE' /Written by IDL: 21-Jan-1998 11:06:24.00
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= 'LWR07879LL.FITS' /Filename(camera)(number)(disp)(aper).FITS
END
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[Version 3.0](#) - June 2000