LWR12759LL.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    = '18/06/97'           /Date file is written (*new FITS standard*)
ORIGIN  = 'GSFC    '           / Institution generating the file
CAMERA  = 'LWR     '           / Camera
IMAGE   =                 12759 / Sequential image number
DISPERSN= 'LOW     '           / Dispersion processing type
APERTURE= 'LARGE   '           / Aperture
ABNNOSTD= '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=                225.64 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO      '           / Bad/missing minor frames
CC-PERCN=                  97.3 / Cross-correlation % successful
ITF     = 'LWR83R94A'          / ITF identification
COMMENT BY RA:  EXP 1 APER L C=130,B=42
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 157003
COMMENT BY RA:  OFFSET 1  COORDINATES: 11 54 22.6 -13 28 28
COMMENT BY RA:  OFFSET 1  MAGNITUDE: 6.500
COMMENT BY RA:  EXPOSURE 1 SEGMENTED (11 EXPOSURES)
COMMENT BY RA:  SEGMENT  1 EXPOSED  1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  2 EXPOSED  1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  3 EXPOSED  1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  4 EXPOSED  1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  5 EXPOSED  1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  6 EXPOSED  1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  7 EXPOSED  1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  8 EXPOSED  1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  9 EXPOSED  1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA:  SEGMENT 10 EXPOSED  1199.592 SEC.(EFF); 1200.0 SEC.(COM)
COMMENT BY RA:  SEGMENT 11 EXPOSED   899.765 SEC.(EFF);  900.0 SEC.(COM)
COMMENT BY RA:  Homogeneous coordinates not available; GO coordinates used.
DATEOBS = '10/03/82'           / Observing date
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TIMEOBS = '12:01:21'              / Observing time
EXPTRMD = 'NO-TRAIL'              / Trail mode
EXPMULT = 'NO     '              / Multiple exposure mode
EXPSEGM = 'YES    '              / Segmented exposure code
EXPTIME =          12895.690 / Integration time in seconds
RA      =            179.1391 / Homogeneous R.A. in degrees
DEC     =            -13.6850 / Homogeneous Dec. in degrees
TARGET  = '54 ALEXANDRA'         / Object as given by Guest Observer
TARGRA  =            179.1391 / R.A. in degrees (given by GO)
TARGDEC =            -13.6850 / Dec. in degrees (given by GO)
OBJECT  = 'ZZ  54 ALEXANDRA'             / Homogeneous Object ID
HJD-MID =        2445039.08097 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
        LWR 12759, 54 ALEXANDRA, 215 MINUTES TOTAL EXPOSURE TIME
          (10-20 MIN. EXPO. + 1-15 MIN. EXPO.), LRG APER., LOW DIS
            AFTER EACH EXPOSURE, ASTEROID BROUGHT BACK TO REF.POINT
          OBSRVRS: NELSON/VEEDER    PROGRAM: SADDM    1982/069/10 MA
                  FOUR MINUTE HEATER WARMUP USED BEFORE READ.
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN                          18-JUN-1997 16:21:23
HISTORY   68 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 = 127
HISTORY SMALL APERTURE CONTINUUM DN LEVEL =   0
HISTORY BACKGROUND DN LEVEL =  46
HISTORY END   RAW_SCREEN                          18-JUN-1997 16:22:01
HISTORY START EXTRACTION                          22-JAN-1998 01:09:59
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN  11 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE  50.6
HISTORY REJECT PIXELS DEVIATING BY  5.0 SIGMA
HISTORY OUT OF    14720 PIXELS        9 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION                            22-JAN-1998 01:10:08
END


Binary Table Header
XTENSION= 'BINTABLE'            /Written by IDL:  22-Jan-1998 01:10:08.00
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)
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Binary Table Header

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TTYPE4  = 'QUALITY '           /Label for column 4
TUNIT4  = '        '           /Units of column 4
TDISP4  = 'I7      '           /Display format for column 4
FILENAME= 'LWR12759LL.FITS'    /Filename(camera)(number)(disp)(aper).FITS
END
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