LWR05690LL.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    = '23/05/97'            /Date file is written (*new FITS standard*)
ORIGIN  = 'GSFC     '            / Institution generating the file
CAMERA  = 'LWR      '            / Camera
IMAGE    =                  5690 / 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=                 165.15 / Pos angle of the large aperture (deg)
ABNMINFR= 'NO       '            / Bad/missing minor frames
CC-PERCN=                   86.7 / Cross-correlation % successful
ITF     = 'LWR83R94A'            / ITF identification
COMMENT BY RA:  EXP 1 APER L C=3X,B=52
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:  XS  PREP USED
COMMENT BY RA:  OFFSET 1  FROM: AGK2
COMMENT BY RA:  OFFSET 1  COORDINATES: 06 42 41.3 +09 49 10
COMMENT BY RA:  EXPOSURE 1 SEGMENTED ( 5 EXPOSURES)
COMMENT BY RA:  SEGMENT  1 EXPOSED  1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  2 EXPOSED  2699.548 SEC.(EFF); 2700.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  3 EXPOSED  1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  4 EXPOSED  1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA:  SEGMENT  5 EXPOSED  1799.656 SEC.(EFF); 1800.0 SEC.(COM)
COMMENT BY RA:  Ping with max DN=45 at Y=423 to 413.
COMMENT BY RA:  Homogeneous coordinates not available; GO coordinates used.
DATEOBS = '25/09/79'            / Observing date
TIMEOBS = '03:24:40'            / Observing time
EXPTRMD = 'NO-TRAIL'            / Trail mode
EXPMULT = 'NO       '            / Multiple exposure mode
EXPSEGM = 'YES      '            / Segmented exposure code
EXPTIME =             9898.173 / Integration time in seconds
RA      =             101.1038 / Homogeneous R.A. in degrees
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DEC       =              9.5664 / Homogeneous Dec. in degrees
TARGET    = '3 JUNO  '          / Object as given by Guest Observer
TARGRA    =            101.1038 / R.A. in degrees (given by GO)
TARGDEC   =              9.5664 / Dec. in degrees (given by GO)
OBJECT    = 'ZZ  3 JUNO'                  / Homogeneous Object ID
HJD-MID   =       2444141.69845 / JD middle of obs. with Heliocentric corr.
COMMENT IUE-VICAR HEADER START
        LWR 5690, JUNO, 165 MIN, LOW DISP, LG APER
        PROGRAM:SABDM    OBSERVERS:MATSON/NELSON     DATE:1979.268
COMMENT IUE-VICAR HEADER END
HISTORY START RAW_SCREEN                         23-MAY-1997 02:27:35
HISTORY   57 BRIGHT SPOTS DETECTED
HISTORY    0 MISSING MINOR FRAMES DETECTED
HISTORY   10 LINES AFFECTED BY MICROPHONICS:
HISTORY          LINE: 474
HISTORY          LINE: 475
HISTORY          LINE: 476
HISTORY          LINE: 477
HISTORY          LINE: 478
HISTORY          LINE: 479
HISTORY          LINE: 480
HISTORY          LINE: 481
HISTORY          LINE: 482
HISTORY          LINE: 483
HISTORY LARGE APERTURE SPECTRUM WILL BE EXTRACTED AS
HISTORY            POINT SOURCE
HISTORY LARGE APERTURE CONTINUUM DN LEVEL = 255
HISTORY SMALL APERTURE CONTINUUM DN LEVEL =   0
HISTORY BACKGROUND DN LEVEL =  54
HISTORY END   RAW_SCREEN                         23-MAY-1997 02:28:17
HISTORY START EXTRACTION                         21-JAN-1998 04:58:16
HISTORY INES NOISE MODEL USED
HISTORY CROSS-DISPERSION PROFILES BINNED IN  37 BLOCKS
HISTORY EMPIRICAL EXTRACTION
HISTORY CENTROID FOUND AT LINE  50.4
HISTORY REJECT PIXELS DEVIATING BY  5.0 SIGMA
HISTORY OUT OF    14720 PIXELS        0 REJECTED AS COSMIC RAY HITS
HISTORY END EXTRACTION                           21-JAN-1998 04:58:25
END
```

Binary Table Header
```
XTENSION= 'BINTABLE'           /Written by IDL:  21-Jan-1998 04:58:26.00
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
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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= 'LWR05690LL.FITS'    /Filename(camera)(number)(disp)(aper).FITS
END
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