

## NATIONAL SPACE SCIENCE DATA CENTER (NSSDC)

Data Request Procedures

## (a) General Description of the NSSDC

The purpose of the National Space Science Data Center is to provide data and information from space science experiments in support of additional studies beyond those performed by principal investigators. Therefore, IUE data will be provided to any individual or organization resident in the United States through NSSDC; or to scientists outside the United States through the World Data Center A (WDC-A) for Rockets and Satellites. Normally, a charge is made for requested data to cover the cost of reproduction and processing; the requester will be notified of the cost, and payment must be received prior to processing the request. However, the Director of NSSDC may waive, as resources permit, the charge for modest amounts of data when they are to be used for scientific studies and/or for specific educational purposes and when they are requested by an individual affiliated with: NASA installations, NASA contractors, or NASA grantees; other U.S. government agencies, their contractors, or their grantees; universities or colleges; state or local governments, and; non-profit organizations. Requesters of data on magnetic tape are normally required to supply tapes for their data prior to processing.

## (b) Tape and Image Formats

Although all IUE spectral data are stored by the NSSDC in compressed format on 6250 bpi tapes, requested spectra are copied to requesters' tapes in a format identical to that output on the original Guest Observer (GO) tapes. The tapes can be written at any of the standard densities, but requesters should choose the highest density which can be processed at his or her installation. A copy of the tape format documentation supplied to IUE Guest Investigators will be supplied with each request unless a requester is expected to already have a copy (e.g. shared data requests by Guest Observers). Technical information about the availability of particular IUE data and/or tape formats can be obtained by writing to or calling Dr. Wayne H. Warren Jr. at the NSSDC [(301) 344-8310, 8105].

(c) Sample Request Form

The sample IUE data request form should be used when requesting spectra in either photowrite or magnetic-tape form. Spectra should be requested by camera ID (SWP, SWR, LWP, LWR or FES) and the image sequence number.

W. Warren



# IUE MERGED LOG OF OBSERVATIONS

Taken by NASA, the European  
Space Agency (ESA) and the Science  
Research Council (SRC)

This Newsletter contains a microfiche log of observations taken in the U. S. by NASA and in Spain by ESA and the SRC during the first and second year of IUE operation.

The log is ordered by RA for efficient referencing. In addition to other observational information the log contains: the key data identifier which is the camera ID (SWP = shortwavelength prime camera, LWR = longwavelength redundant camera) and the image sequence number; the target name, RA and DEC; dispersion (high or low); the day of observation and the data release data for NASA images.

Copies of the IUE processed data tapes and photowrite images are stored in the National Space Science Data Center (NSSDC) at Goddard Space Flight Center until the data release date when the data is made available to the general science community. The release date for ESA and SRC data tapes available thru the NSSDC is generally about 7 months after the date of observation.

A description of the procedure for obtaining IUE data from the NSSDC is included in this Newsletter.