

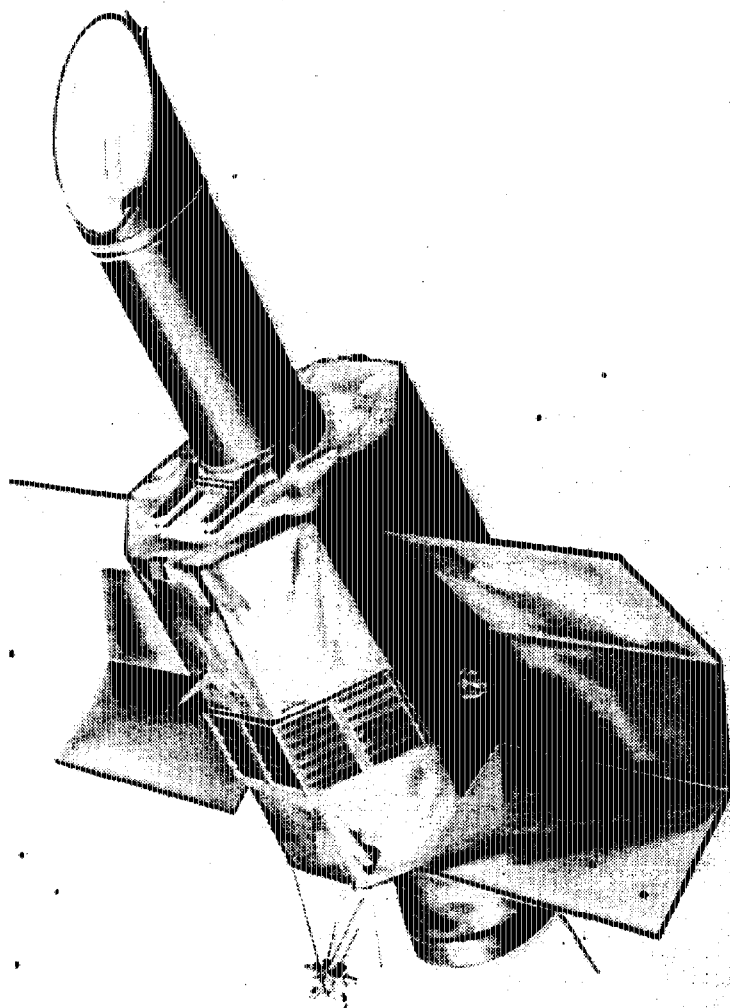
---

# International Ultraviolet Explorer (IUE)

---

NASA NEWSLETTER

33



National Aeronautics and  
Space Administration

**Goddard Space Flight Center**  
Greenbelt, Maryland  
20771



NASA NEWSLETTER FOR  
INTERNATIONAL ULTRAVIOLET EXPLORER (IUE)  
No. 33

September 15, 1987

Dear Colleague:

It is a pleasure to transmit to you IUE NEWSLETTER No.33. A Table of Contents appears on the following pages.

As before, the support from contributors and the preparation of the manuscript by Ms. Mona Drexler is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Walter A. Feibelman" followed by a horizontal flourish.

Walter A. Feibelman  
Laboratory for Astronomy  
and Solar Physics

<u>Contents</u>	
<u>Titles and Contributors</u>	<u>Pages</u>
IUE NEWS.	1 - 10
by C. L. Imhoff.	
An Updated Analysis of the Accuracy of the LWR Degradation Correction Method	11 - 15
by C. L. Imhoff.	
IUE Calibration Progress Report	16 - 19
by N. A. Oliverson and C. L. Imhoff.	
Diffraction Spikes and Faint Target/Bright Target Neighbor Observing	20 - 24
by K. Carpenter, R. Stencel, J. Pesce, A. Brown, P. Judge, and C. Jordan.	
Estimating Phosphorescence Levels on IUE Spectra.	25 - 27
by C. L. Imhoff.	
An Ultraviolet Calibration for the Hubble Space Telescope: II. A Correction for the Change in Sensitivity of the SWP Camera on IUE.	28 - 56
by R. C. Bohlin and C. J. Grillmair.	
Direct Access to the IUE Spectral Archive.	57 - 65
by E. Sullivan, R. C. Bohlin, S. Heap, and J. Mead.	
NASA Preprints and Reprints.	66 - 68
by D. M. Crenshaw and P. E. Summers.	
IUE Microfiche Spectral Atlas Available.	69
by C. L. Imhoff.	
IUE Documents Available.	70
by J. Nichols-Bohlin.	
Corrections in IUESIPS Ripple Correction Algorithm.	71 - 74
by J. Nichols-Bohlin.	
A Comparison of LWR Sensitivity Monitoring at UVC Settings of 4.5 and 4.0 kV.	75 - 77
by G. Sonneborn and M. P. Garhart.	
IUE Low Dispersion Sensitivity Monitoring. XII.	78 - 85
by G. Sonneborn and M. P. Garhart.	
Approved NASA IUE Observing Programs for the Tenth Year.	86 - 94
Approved NASA IUE-SADAP Programs for the Tenth Year.	95 - 96
Approved ESA IUE Observing Programs for the Tenth Year.	97 - 107
Announcement for Second 3-Agency-Sponsored IUE Symposium.	108

	<u>Pages</u>
NSSDC Announces New Service.	109
Request Procedure for Reprocessed Data. by Y. Kondo and D. K. West	110 - 113
Observing Schedules by C. Shrader.	114 - 120
Proposals for IUE Observing Time. by Y. Kondo, W. Wamsteker, and R. Wilson.	121
Report on the UV Detector Workshop. by M. V. Penston.	123 - 126
IUE Observing Guide - Errata	127