

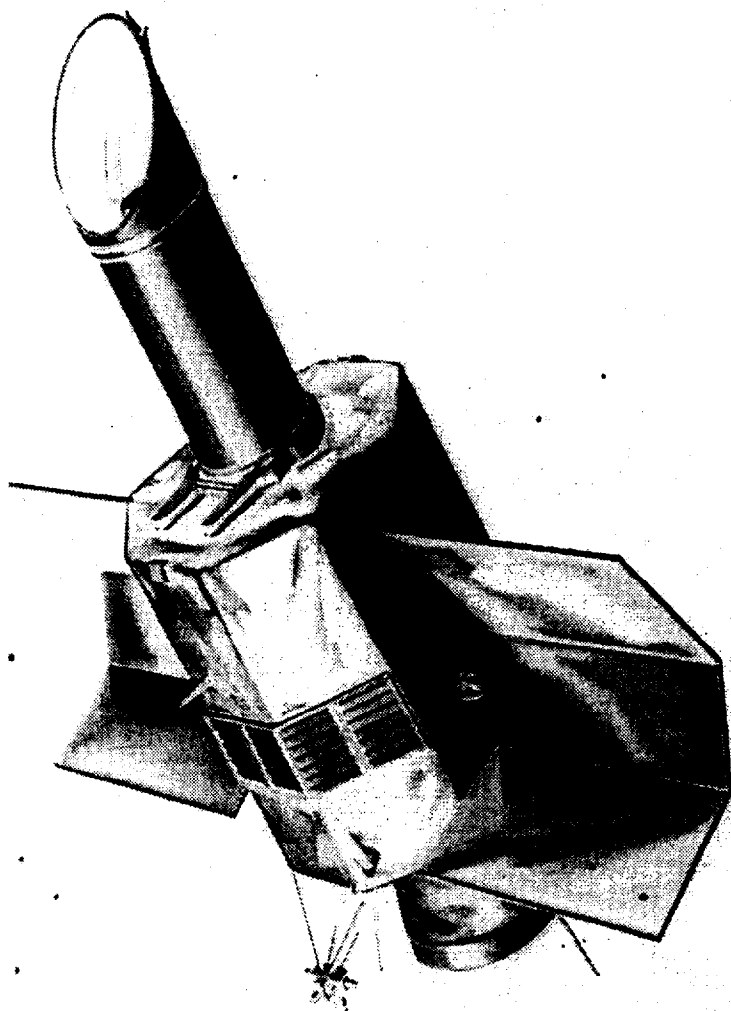
---

# International Ultraviolet Explorer (IUE)

---

NASA NEWSLETTER

26



National Aeronautics and  
Space Administration



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

NASA NEWSLETTER FOR  
INTERNATIONAL ULTRAVIOLET EXPLORER (IUE)  
No.26

March 27, 1985

Dear Colleague:

It is a pleasure to transmit to you IUE NASA Newsletter #26. A Table of Contents is shown on the following pages.

Since publication of NEWSLETTER No.25, Dr. Keith Kalinowski has left the IUE Project and the undersigned has assumed the editorship of the NASA IUE NEWSLETTER. The IUE team appreciates the contributions Keith has made over the years and all of us wish him well in his new duties. We shall endeavor to continue to publish newsworthy items in a timely fashion and welcome relevant contributions from readers.

As the Observatory is entering its 8th year of highly successful operation, demand for IUE observing time has continued to exceed available hours. The approved programs for the current episode are listed in this issue, together with archival programs and lists of publications.

Items of interest to US readers from the ESA Newsletters are identified by an asterisk.

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

Sincerely,

A handwritten signature in cursive script that reads "Walter A. Feibelman".

Walter A. Feibelman  
Code 684

## CONTENTS

<u>Title and Contributor</u>	<u>Pages</u>
IUE News by C.L. Imhoff	1 - 7
Summary of IUE Project Policies by C.L. Imhoff	8 - 10
A Minimal Study of Wavelength Dependence of LWR Degradation by A. Holm	11 - 19
Photometric Calibration of the IUE by R.C. Bohlin	20 - 38
Recent Increase in Maneuver Errors by C.L. Imhoff	39
Spacecraft Status: PA #4/ S-Band Problem by F. Gordon	39
Notice of Anomalous Image Header Labels by J. Gass	40
Erratum: "Availability of IUE NASA and ESA Spectral Atlases on Magnetic Tape" by W.H. Warren, Jr	41
IUE Orbital Elements III by C.L. Imhoff and M.T. Butschky	42 - 44
IUE Regional Data Analysis Facilities Bulletin #3 by R. Thompson	45 - 48
Announcement of the Release of Version 2.0 of the IUE Image Processing Information Manual by J. Gass	49
IUE Data Reduction. XXXIX. Implementation of New Dispersion Constants and Second-order Time Correction by J.E. Gass and R.W. Thompson	50 - 62
National Space Science Data Center (NSSDC)/World Data Center A (WDC-A) Data Request Procedure and Forms by W.H. Warren, Jr.	63 - 65
Science Fiction with IUE: I. by C.L. Imhoff and C.A. Grady	66 - 71

CONTENTS (cont'd)

Cumulative Index of NASA IUE Newsletters Vol. 1-25 by S.O. Walter	72 - 100
FES Sensitivity Changes by M. Barylak, R. Wasatonic & C.L. Imhoff	101 - 110
*Fourth European IUE Conference, Rome 15-18, May 1984 by R. Viotti	111 - 115
*A Ghostly Reminder by A. Harris	116 - 117
*On the Trail of Periodic Variations by M. Coe	118 - 121
*The Procedure in Use at the Trieste Astronomical Observatory to Extract the Maximum Information from the IUE High Resolution Images by M. Ramella	122 - 129
*IUE Low Dispersion Microfiche Plots by D. Giaretta	130 - 131
NASA Approved IUE Programs for the 8th Year	132 - 145
NASA List of IUE Pre- and Reprints Received by N.A. Oliverson	146 - 150
*VILSPA Publications List in Main Journals, 1 Sept. 1983- 30 Sept. 1984	151 - 163
IUE Observing Schedules by N.A. Evans	164 - 176
Announcement of the Release of Version 2.0 of the IUE Image Processing Information Manual by J. Gass	177