



MULTIPLE MIRROR TELESCOPE OBSERVATORY

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M.M.T. TECHNICAL MEMORANDUM 88-2

FROM: Anthony D. Poyner

RE: User's Guide to the M.M.T.O Spectrograph
Control Programs - Version 4.1

DATE: March 30, 1988

The referenced manual describes the latest release of the MMT Spectrograph control programs, a suite of three programs to control the Red and Blue Channels of the MMT Spectrograph, and the Echelle Spectrograph, together with selected functions of the Top Box. These programs run in an IBM-XT in the MMT control room.

These programs control the setup of the spectrographs (moving filters, gratings, etc.) and the top box, and do not control the detectors. However, a feature allows the IBM-XT keyboard to access the Point 4 Instrument Computer, which performs the data acquisition function.

The programs may also be run remotely from the MMT Downtown Offices, via a microwave link.

Additional features of Version 4.1 include incorporating all of the utility routines into the RCCS and BCCS programs, where they can be accessed from downtown via the microwave link, and the addition of a WordStar-like editor. Error checking is now more comprehensive, and aborting motor operations with the ESC key is more elegant.

To reduce costs, the manual will not be sent automatically to everyone on the Technical Memorandum mailing list - if you have not received a copy and you would like one, please contact Barbara Russ at the above address, or call her at (602) 621-1558.

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