

(i.e. SUN 4/110, PCS Cadmus-RC, and Bull DPX 5000-10) formed the best group with almost the same high performance per cost unit estimated over a 5-year period including maintenance. Work stations from IBM, HP, and Apollo-Domain could not be included in the evaluation due to formal issues. Due to the ESO requirement of maintenance at La Silla and a slightly better price/performance at the time of the tender, it was decided to purchase SUN 4/110 systems. It should be noted that the differences between the three systems were very minor and that slightly different criteria such as local conditions or usage for other applications than MIDAS may change the ranking. Further, both price and performance of work stations change rapidly with time altering the relative ranking (e.g. PCS improved the I/O performance of the Cadmus-RC system after the decision by modifying a driver).

### 3. Floppy Disk Formats

There has been a growing need for interchange of data between the ESO main computer facilities and PC-compatible systems. To accommodate this, an Olivetti M 290 (PC-AT compatible) and a PS/2 Model 30 were installed and connected to the ESO Local Area Network using TCP/IP protocols. These systems make it possible to read 3.5" and 5.25" floppy disks formatted in an

IBM compatible format. Writing can be done on 720 kbyte and 1.44 Mbyte 3.5" floppy disks or on 1.2 Mbyte PC-AT 5.25" disks. Standard ASCII files can be exchanged without problems whereas other formats may be difficult due to different binary and record formats. The Image Processing Group will not be able to assist people in converting non standard files.

### 4. Portable MIDAS

The first official version of the portable MIDAS will be the 88NOV release which will be frozen on November 1st, 1988. This version will include the vast majority of applications available in the current VMS version. A few application packages may not be fully debugged and ready for the 88NOV release. This may include ROMAFOT and a new version of the long slit reduction package.

To make the transition easier, sites will be able to request both the portable version of MIDAS and/or a slightly upgraded version of the old VAX/VMS version of 88JAN. The MIDAS Request Forms will be sent out to all present MIDAS sites during October. Other sites may ask for the release through the MIDAS Hot-Line.

### 5. Measuring Machine Facility

The GRANT measuring machine was disconnected on August 1st and is no

longer offered to users. Institutes interested in taking over this machine may contact ESO.

The new control system of the OPTRONICS went into operation in July. At this moment, it offers facilities to perform manual measurements of objects but will be upgraded later this year with options for scanning. However, it will not be possible to use this option efficiently before the central Measuring Machine Facility computer is replaced in the beginning of 1989.

### 6. MIDAS Hot-Line Service

The following MIDAS support services can be used to obtain help quickly when problems arise:

- EARN: MIDAS@DGAESO51
- SPAN: ESOMC1::MIDAS
- Tlx.: 528 282 22 eso d, attn.: MIDAS HOT-LINE
- Tel.: +49-89-32006-456

Users are also invited to send us any suggestions or comments. Although we do provide a telephone service it should only be used in urgent cases. To make it easier for us to process the requests properly we ask you, when possible, to submit requests in written form through either electronic networks or telex.

## "Remote" Control of the 1.52-m Telescope!

Until recently, astronomers working with the 1.52-m spectrographic telescope had to sit at the control desk in the telescope dome. During long, cold and perhaps windy winter nights this could be extremely painful. Now, following improvements in the mechanical functions of the telescope and a computerized positioning system, the control desk has been moved to an adjacent room (the former dark-room, no longer used for photography). Although a few functions still have to be done manually in the dome, these will also be "remotely" controlled in the future. I and other visiting astronomers at this telescope highly appreciate this new facility of the faithful old 1.52-m telescope.

B. STENHOLM

*The new control room of the 1.52-m telescope. Night assistant Luis Ramirez P. at the guiding console, while astronomer Matthias Dietrich, Göttingen, is checking the results. ▶*

