

RELEASE NOTES

SCSI MODULE — RMS1530-01-J

These release notes contain important information about the new firmware and how it will affect the performance of instruments in which it is installed. Please read the notes before attempting to use the new firmware.

1. MODIFICATIONS

- 1.1 Incorporated support for Syquest SQ5200C removable cartridge disk drives. These drives support 44 and 200 MB cartridges.
- 1.2 Modified (boot and partition sector) tables for SQ555 to use the full disk capacity (44 MB), instead of the 32 MB originally supported.
- 1.3 The process of identification of hard disk drives has been modified — if the manufacturer is not recognized, 'Conner' is assumed; for each manufacturer, if the model number is not recognized, we use as a default the "most common" model. A summary is shown below, where the symbols (•) identify default models:

<i>Fixed Disk Drives</i>	Conner Peripherals CP3040	40 MB
	Conner Peripherals CP30080	80 MB
	Conner Peripherals CFA540S (•)	540 MB
<i>Removable Hard Disk Drives</i>	Syquest SQ555	44 MB
	Syquest SQ5200C (•)	200 MB/44 MB
<i>Others</i>	Sony SMO-C501	562 MB/side

As larger capacity drives become less expensive and easier to purchase than older models, it will be desirable to use them in the system. In general, any (8-bit SCSI) drive with capacity ≥ 540 MB (and the right form factor and power consumption specifications) could be used in an HDS: the system will format a 540-MB partition and leave the rest of the disk space free for other use.

[Consult RMS Instruments regarding support of specific drives. In selecting drives for support, RMS gives careful consideration to performance, environmental, and shock & vibration specifications. For example, as of the date of this release (Nov.26/96), we recommend the 2-GB Seagate ST32171N as a possible replacement for Conner's CFA540.]

- 1.4 The 'number of entries in root directory' has been limited to 128 for all hard disk drives supported. This is consistent with the fact that the Data System handles 4 KB of directory information (128 entries x 32 bytes/entry).

2. COMPATIBILITY

Firmware revision RMS1530-01-J of the SCSI Module requires revision RMS1530-01-H (or later) of the MCM.