



**HRD16SAV v1.10 / 2008-10-24**

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Actual versions at [system-99 user-group](http://system-99.user-group)

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HRD16SAV – save the entire contents from a HRD16 to SCSI

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## HRD16SAV – save the entire contents from a HRD16 to SCSI

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The HRD16SAV-program allows you to dump an image of the entire 3MB-HRD16 Card to any SCSI-drive in less than 4 minutes. This includes all of the data from the HRD16, the ROS, drive-names, and all of the configuration data. With an existing image on a SCSI-drive, you can also restore your entire HRD16 in less than 4 minutes.

```
+-----+
! HRD16SAV - v1.10 - 24.10.2008 (c) hg !   Header
+-----+
!+-----+!
!!  image from:      13.03.2001 23:25  !!   Backup-date and time
!+-----+!
!! ROS 814F, Menu 7.38                !!   Your own comments to the Image
!!                                     !!
!! Ramdisk7 loaded with Funnlweb      !!
!! Rmadisk4 Teststuff for xyz         !!
!!                                     !!
!+-----+!
!+-----+!
!!   1536 of 1536 Racks saved          !!   Status and workflow
!+-----+!
!+-----+!
!! HRD-CRU: >1200 !  HRD-size: 3072 KB!!   CRU-base and size
!+-----+!
!+-----+!
!!SCS6.HRDSAVE.HRDIMAGE                !!   SCSI-filename and path
!+-----+!
+-----+
! (S)ave      (R)estore      (E)nd  !   Command-line
+-----+
```

### Supported Commands:

- C** Select the CRU-base of your card (not automatic, as you may have more than one HRD16 in a system!). Default-value is >1200, this may be the most common HRD16 CRU-base. At startup and after re-selecting the program, it looks for a valid HRD16-card. If found, the size is detected automatically. If not, you will get an error-message "No HRD16 found".
- F** Filename and Path of the image-file. Default is "SCS6.HRDSAVE.HRDIMAGE". Make sure to have the subdirectory already created with an existing SCSI-manager. Otherwise, select any valid filename of up to 36 characters of path and filename are supported. It should also work with WDSx pathnames.
- Q** Quit program, (Also with FCTN-BACK or E).
- T** Toggle-switch for existing sizes of our HRD16: 256KB, 512KB, 768KB, 1024KB, 2048KB or 3072KB, in case the auto-detect fails.
- D** Catalog the SCSI-drive. It is a full-featured cataloging routine with cursor-support. ENTER moves the selected path or filename to the main-screen, FCTN-BACK quits the catalog.
- R** Restore the selected HRD16 from a saved Image. You will first get the comments you saved plus date and time of the file. After you confirm, the restoration starts. CAUTION: the existing data and ROS of the entire HRD16 will be overwritten and lost! You cannot partially restore the HRD16. The restored size will be determined by the image-file.
- S** Save an image of the HRD16 card. You will be asked for date and time. If a BwG-FDC with DSR of 1.18 or higher detected, the time and date is taken from its real-time-clock and placed in that field as default. You can write up to 5 rows of 34-characters each of your own comments in the next field. After pressing "Y" for confirmation, the program starts saving.
- X** Finds the CRU-Base of the first HRD16.
- Ctrl-R** Restores **only** the HRD16 ROS. Valuable when the ROS becomes corrupted.