

To: Distribution  
From: David H. Jordan  
Date: April 7, 1975  
Subject: Installation of BOS 1.42

The BOS system 1.42 was updated at 4:00 PM on Wednesday, April 2, 1975. This system included a change to allow booting Multics with arbitrary sized main memories, the addition of new SAVE/RESTOR functions to allow disk to disk operations, a general code cleanup, and several fixes.

#### I. System Change Log

<u>Chng</u>	<u>MCR</u>	<u>Change</u>
0029	0901	Modified the boot command to allow booting Multics with arbitrary sized main memories.
0030	0949	Fixed a bug in the handling of card reader status and added the ability to report card reader status on the operator's console.
	0953	Fixed a bug in the handling of tape EOTs in the dump package.
	0979	Fixed a bug in the save/restor mechanism which resulted in problems attempting to restor with more than 13 disks.
	-	Also performed a general code cleanup and reinstalled the previously removed runcom editor.
0031	1073	Added new save/restor features to allow disk to disk operations in addition to the standard disk to tape and tape to disk operations.

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## II. Segment Change Log

<u>Segment Name</u>	<u>Change #</u>	<u>Segment Name</u>	<u>Change #</u>
blast.alm	R 0030	restor.alm	R 0030, 0031
boot.alm	R 0029	runcom.alm	R 0030
config.alm	R 0030	save.alm	R 0030, 0031
loadm.alm	R 0030	setup.alm *	R 0030
ncopy.alm	A 0031	test.alm	R 0030
ndisk.alm	A 0031	util.alm	R 0030
ptpkg.alm	R 0030		

Include Files

bos_iom_manager.incl.alm	R 0030	nextline.incl.alm	R 0030
bos_tv.incl.alm	R 0030	readc.incl.alm	R 0030
error.incl.alm	R 0030	rwdisk.incl.alm	R 0030
getprt.incl.alm	R 0030	sav_begin.incl.alm	D 0031
makefil.incl.alm	A 0030	sav_loop.incl.alm	D 0031
		sav_util.incl.alm	R 0030, 0031

\* No source change, recompiled with new include files.

## III. Header Change Log

Change # 0031 modified the ROS header by adding entries for "ncopy" and "ndisk". There were no other changes to the header.