

To: Distribution
From: David M. Jordan
Date: December 25, 1975
Subject: Installation of BOS 1.47 and 1.47a

The BOS systems 1.47 and 1.47a were updated at 10:45 AM on Monday, December 22, 1975. These systems included: changes to make the current BOS more compatible with NSS BOS, changes to allow the operation of multiple IOMs and DataNet 355s, a new five card loader to allow the use of seven track tape drives for the BOS tape, several fixes for the MCS DataNet 355 core image, and numerous minor changes and fixes.

I. System Change Log

<u>Chng</u>	<u>MCR</u>	<u>Change</u>
0042	1163	Updated the BOS five card loader to allow it to operate with either 7 or 9 track tapes.
0043	1498	Fixed bugs in the DataNet 355 core image: handling of HSLA data and status ICWs, RNP output processing, handling of excessive HSLA interrupts, and processing of lost status.
0044	1420	Added support for multiple FNPs (DataNet 355s and 6600s).
0045	0478	Modified LOADDM to allow selective loading of segments from a BOS tape.
	1289	Modified the DUMP command to allow specification of segment names as well as segment numbers.
	1290	Modified DUMP to allow the stack subcommand to dump a stack based on the ring number rather than the segment number.
	1380	Modified BOS to allow the use of multiple IOMs.

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System Change Log (continued)

Chng MCR Change

- 1481 Made numerous minor modifications to allow more compatibility between the current BOS and the NSS BOS.
- 1482 Modified BOS to allow printing of detailed status information on disk errors.
- 1483 Modified BOS printer initialization to load a VFC image similar to the Multics VFC image and to avoid loading an image except when necessary.
- 1484 Made numerous minor changes to make unattended Multics operation more practical.
- 0046 1481 Fixed a bug in SAVE/RESTOR introduced in BOS 1.47.

II. Segment Change Log

<u>Segment Name</u>	<u>Change #</u>	<u>Segment Name</u>	<u>Change #</u>
abs.alm *	R 0045	label.alm *	R 0045
apnd.alm	R 0045	ld355.alm	R 0044,
blast.alm	R 0044,		R 0045
	R 0045	loaddm.alm	R 0045
boot.alm	R 0045	mpcd.alm *	R 0045
bosldr.gcos	D 0042	ncopy.alm	R 0045
bosldr.gmap	A 0042	ndisk.alm	R 0045
config.alm	R 0045	ntape.alm	R 0045,
control_tables.map355			R 0046
	R 0043	patch.alm	R 0045
core.alm *	R 0045	print.alm *	R 0045
dia_man.map355	R 0043	ptpkg.alm *	R 0045
die.alm *	R 0045	restor.alm *	R 0045
dmp355.alm	R 0044,	runcom.alm	R 0045
	R 0045	salv.alm *	R 0045
dump.alm	R 0045	save.alm *	R 0045
edit.alm	A 0045	setup.alm	R 0045
esd.alm *	R 0045	sstn.alm *	R 0045
fd355.alm	R 0044,	taped.alm *	R 0045
	R 0045	test.alm	R 0045
fdump.alm *	R 0044,	time.alm *	R 0045
	R 0045		
fmt.alm *	R 0045	tstchn.alm	R 0045
fwload.alm	A 0045	util.alm	R 0045
hsla_man.map355	R 0043	write.alm	R 0045
if.alm	R 0045		
init.map355	R 0043		

Include Files

<u>Segment Name</u>	<u>Change #</u>
absresolve.incl.alm	R 0045
bos_common.incl.alm	R 0045
bos_lom_manager.incl.alm	R 0045
bos_toequ.incl.alm	R 0045
bos_tv.incl.alm	R 0045
bosequ.incl.alm	R 0045
bulk_store_mailbox.incl.alm	D 0045
conf355.incl.alm	R 0044
configp.incl.alm	A 0045
fdmp.incl.alm	R 0044
get_cache.incl.alm	R 0045
getportinfo.incl.alm	R 0045
getprt.incl.alm	R 0045
init_disk.incl.alm	D 0045
intflt.incl.alm	R 0045
makefil.incl.alm	R 0045
nextline.incl.alm	R 0045
octwd.incl.alm	R 0045
punch.incl.alm	R 0045
rd355.incl.alm	R 0044, 0045
rdclock.incl.alm	R 0045
readt.incl.alm	R 0045
readtape.incl.alm	A 0045
runcom_util.incl.alm	A 0045
rwbulk.incl.alm	R 0045
rwd190.incl.alm	D 0045
rwdisk.incl.alm	R 0045
savemc.incl.alm	D 0045
scan.incl.alm	R 0045
search.incl.alm	R 0045
segname.incl.alm	A 0045
trans.incl.alm	D 0045

* No source change, object recreated.

III. Header Change Log

Change # 0045 modified the BOS header to add an entry for the new EDIT procedure.