

## Distribution

FROM: Grace Ackerman-Lewis  
 DATE: August 14, 1974  
 SUBJECT: Installation of MSS 23.15 and 23.15a

The hardcore system MSS 23.15 was installed at 0900 on Friday, August 9, 1974. This system includes: list\_inacl\_all, a new procedure to return efficiently segment and directory initial acis for all rings; status\_\$status\_for\_backup, a new entry in status to return in one call several items of information about an entry in a directory; add entries loa\_\$loa\_switch loa\_\$loa\_switch\_nnl to loa\_; a fix for the listx bug in printer\_status; a trap for channel 1 status problem; change table specifying which segments of ring zero are referenced by ring\_zero\_peek\_; recompile user\_ring I/O in EIS. The system libraries were updated at 1525 on August 9, 1974.

The hardcore system MSS 23.15a was installed at 0900 on August 13, 1974. This system includes a bug fix for los\_ introduced in 23.15. The system libraries were updated at 1550 on August 13, 1974.

## I. System Change Log

Chng MCRChange

- # 1336 031 Fix listx bug in printer\_status; has a trap for channel 1 status problem.
- # 1337 602, 603, 605  
Recompile user\_ring I/O in EIS. Also fix MPRF # 7012, 7017.
- # 1338 369, 604  
Add entries loa\_\$loa\_switch and loa\_\$loa\_switch\_nnl to loa\_. Fix MPRF # 7044.

-----  
 Multics Project internal documentation. Not to be reproduced or distributed outside the Multics Project.

## I. System Change Log (continued)

19 MGR

Change

- # 1339 569 Added new procedure to list\_inacl\_all; returns efficiently segment and directory initial acis for all rings. Added new entry to status\_\$status\_for\_backup; returns efficiently several items of information about an entry in a directory.
- # 1340 - Change table specifying which segments and parts of segments of ring zero are referencable by ring\_zero\_peek\_ (ring\_zero\_meter\_limits\_ASCII\_).
- # 1341 - Fix bug in ios\_ introduced in 23-15.

## II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
attach_ioame.pl1	bound_iox_	R 1337
discard_attach.pl1	bound_iox_	R 1337
find_iocb.pl1	bound_iox_	R 1337
get_at_entry_.pl1	bound_command_loop_	R 1337
_.mexp	-	R 1339
ioa_.pl1	bound_command_loop_	R 1338
ios_.pl1	bound_command_loop_	R 1337, 1341
list_inacl_all.pl1	bound_file_system	A 1339
ntape_attach.pl1	bound_iox_	R 1337
printer_status.pl1	bound_ioa_wired	R 1336
propagate.pl1	bound_iox_	R 1337
rest_of_ioa_.pl1	bound_command_loop_	R 1338
ring_zero_meter_limits_ASCII_	-	R 1340
status_.pl1	bound_system_faults	R 1339
syn_attach.pl1	bound_iox_	R 1337
tty_attach.pl1	bound_iox_	R 1337
<u>Include Files</u>		
printer_hardware_status.incl.pl1		A 1336
<u>Bindfiles</u>		
bound_command_loop_.bind		R 1338
bound_file_system.bind		R 1339
bound_system_faults.bind		R 1339

## III. Bound Segment Change Log

<u>Bound Segment</u>	<u>Change</u>
bound_system_faults	replaced: status_ bound_system_faults.bind
bound_file_system	added: list_inacl_all replaced: bound_file_system.bind
bound_lom_wired	replaced: printer_status
bound_command_loop_	replaced: loa_ rest_of_loa_ ios_ get_at_entry_
bound_lox_	replaced: tty_attach find_iocb propagate syn_attach attach_ioname ntape_attach discard_attach

## IV. Header Change Log

# 1339 The hardcore header was changed to add the name list\_inacl\_all to the entry name bound\_file\_system.