INTERIM SYSTEM Version 3.0

THE PRIMARY changes occur in the READ and IPROC. SPACE is TIGHTLY controlled to ALLEVIATE GARBAGE COLLECTION PROBLEMS.

IPROC has been completely re-written. It now progresses down THE MASTR, XTEXT file, reading the TAPE and making global objects. THE EXISTANCE of the XTEXT file means that all the entries of the MASTR OPERATE C-List ARE KNOWN AT ASSEMBLY TIME allowing indirect C-List references.

THE FIRST 16 entries of MASTR OPERATE DIRECTORY are reserved; one for EACH teletype. The file name is set to the user at the corresponding line number in MUX. The file name is USER. THE space reserved at the teletype is also put in the entry. A call, C, DLST,S, USER will list all users of the system with the amount of space reserved and the line number of that user. C, DLST,S will list under USER THE sum of all space reserved and under OPERATE THE amount of space left unreserved.
THE READ HAS TWO new commands: SPACE, n and TRIM.

SPACE: reserve n numbers (octal) for use by THIS TELETYP. If n words is not available type too big.

TRIM: remove all unnecessary reserved space. The space left is being used by objects made at this Teletype.

THE SCope simulator changes the SPACE command to MEAN LINE LIMIT. Mus space, 100 sets the system file line limit to 100. IF the LINE LIMIT is ever exceeded one may enter a new limit and type CONT or EXIT Scope. Note cont may be used after the following messages:

LINE LIMIT Pf CALL en02 PTR negative
PTr 7 FL ILLEGAL FCN CODE
NOTES:

An allocation block is associated with the teletype line number, not the process. Destroying the process does nothing to the allocated block.

Logout does not trim. It destroys all objects made under the current user name. Must all space released does not necessarily go to the allocation block for the teletype.

If you get a 6-1-0 error more space may be obtained by SPACE, then type RESTORE to continue. Note that if the READ got the 6-1-0 error making a subprocess the parameters to the subprocess will be lost. I.e.: C, OLIST, S, USER 06, 01, 00 Error intercepted Read Error
SPACE, 20000
RESTORE

The parameter USER would be lost in the call to OLIST. 70
PASS The parameter put them on
the RESTORE command after 3 colms:

   RESTORE USER

NEW ECS operations and other objects
may be added to the BEAO's directory
by placing them in MASTER.XTEXT
AT THE END BEFORE THE NULL
ENTRY WHICH IS LAST. FAILURE TO
INSERT THEM EXACTLY HERE BRINGS
DI/P/ RE CONSEQUENCES.