## Massachusetts Institute of Technology Charles Stark Draper Laboratory Cambridge, Massachusetts

## COLOSSUS Memo #258

TO:

Distribution

FROM:

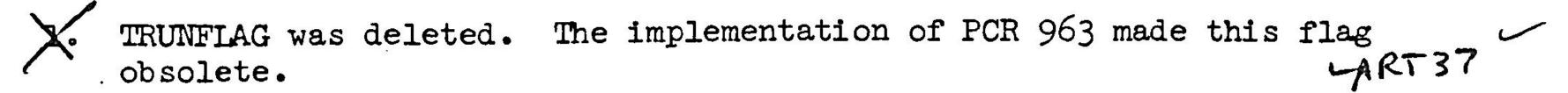
N. Brodeur

DATE:

10 March 1970

SUBJECT: Revisions 97 & 98 of COMANCHE

Revision 98 of COMANCHE was GOOD and has been designated as the COLOSSUS 2E pre-release. The following changes were incorporated into Revisions 97 & 98.



Changes were made to P15 and the RESTART TABLES to correct restart capabilities. (PCR 973)

The initial TVCEXEC delay was changed from .5 sec. to .51 secs. to reduce loss of downlist information. (PCR 1020)

RCS FRESHDAP was modified to reduce execution time. (ACB 113)

The new assembler operator (=ECADR) was incorporated in the Absolute Locations for Update Log section to eliminate the use of the fixed memory used in the original implementation of ACB 100.

. UPSUM had to be redefined equal to VHFRANGE + 1 instead of VHFRANGE because of an erasable conflict.

## Changes to Colossus GSOP

The following items should be examined for inclusion in the GSOP sections indicated.

Section 2 (Item 1) Section 3 (Item 3)

## Known Anomalies in Revision 98 of Comanche:

COM34, COM35, COM36

Approved PCR's not included in Revision 98 of Comanche:

PCR 954, PCR 995, PCR 315.1

It should be noted that PCR 984 is not included in Revision 98 of Comanche, but will be incorporated in a future revision if PCR 954 isn't incorporated. PCR 954 supersedes PCR 984.