

Massachusetts Institute of Technology
Charles Stark Draper Laboratory
Cambridge, Massachusetts

COLOSSUS Memo #

TO: Distribution
FROM: N. Frodeur
DATE: April 27, 1970
SUBJECT: Revisions 102 through 104

Revision 104 was good.

The following changes were incorporated into revs 102 through 104:

- 1.
 2. A correction was made to the
 - 3
 4. P29 (Time of longitude program) was deleted (PCR 1034).
 5. Three needed registers were made available in Bank 5 by:
 - a) the deletion of unused constant OCT 7777,
 - b) the use of EBANK3 instead of constant STARTEB to set EBANK in STARTSUB.
 - c) the use of a BANKCALL to call RESTARTS directly (ACB 114)
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6. An error in the implementation of C13STALL (ACB 111) was corrected.
7. The setting of V59FLAG and EXTVBACT in R57 was relocated to prevent a restart problem which disallowed marking under certain restart conditions. (PCR 993)
8. Coding was added to bypass coarse align if DAPDATRI indicated Saturn configuration and AVEGBIT is set, i. e., Average G is on. (PCR 984 and ACB 115)
- ~~9. P24 erasable_NO_PASS was redefined to be a pad lead. (PCR 869)~~
10. P24 was modified to correct restart problems by zeroing SOLD and TOLD in GOPROG, and by switching from Group 4 to Group 2 at the start of P24.

COLOSSUS GSCF

GSOP sections to be checked with respect to the changes described:

Section 2 (Items 1, 4)

Section 3 (Item 8)

Section 4 (Items 1, 4, 10)

As of Revision 104, there are no known anomalies.