

MIT Management Development Plan Meeting #18

Held on 13 February 1968

RECEIVED

FEB 1

J. L. NEVINS

*J. Nevins*

I Colossus

A. PCR activity has been increasing, presently the Program Managers are having to spend a considerable portion of their efforts on change activity.

B. Section 3 (DAP) for Colossus should be published about 3/5/68.

C. Updating of Section 4 and 5 as a result of PCR/PCN activity and comments by J. Norton of TRW was discussed. F. Martin, N. Sears and S. Copps are going to investigate the best method and time for publishing changes to the GSOP.

D. Level 3 and 4 test plans are scheduled for publication on 2/29/68 and 3/15/68 respectively. The level 4 test plan will be an updating of the test plan published in November 1967.

E. Level 2 testing of Colossus is in the final stages of completion. Level 2 documentation is lagging.

Action Item - F. Martin and E. Copps are to establish the requirements for level 2 documentation. These documentation requirements should be presented at the next meeting.

F. Presently P-37 (RTE) seems to be the most sensitive area in level 3 testing. In the past several weeks the start of P-37 has slipped from 1/27/68 to 2/29/68. The completion of this test will probably slip to 3/24 but is not impacting the FACI date yet.

G. G. Sabionski of NASA reported that the AMS/LMS Facilities at NASA were tailoring their schedule based on the completion of MIT's level 4 testing. Also DAP testing would be the first testing at these facilities. F. Martin stated that the DAP was ready now to support the start of level 3 testing so should support the AMS/LMS effort.

II Sundisk

A. NASA (G. Sabionski) stated that NASA MPAD (C. Graves) was

in need of the MIT Level 2 test results for Entry in a readable form.

Action Item - F. Martin and G. Sabionski are to review the available documentation of the level 2 entry testing. If this data is in an unacceptable form additional documentation will have to be generated.

### III Sundance

A. Eleven new PCR's applicable to Sundance have been received.

B. The Sundance Section 6 needs to be revised to reflect the present simulation configuration. After the updating, the simulator should be placed under configuration control. The updating of Section 6 should be done by about 3/1/68.

C. Section 4 of Sundance needs to be revised to reflect PCR/PCN changes in the program.

D. Sundance is in the middle of level 4 testing. R04 and R77 are still being level 3 tested. Level 4 testing has been very successful up to this time. The difficulties that have arisen are mostly attributable to a lack of experience and a specific difficulty in acquiring stars for sightings. 23A is going to provide spacecraft orientation that will assure acquisition of stars.

E. The new level 4 reporting status contained in the Development Plan needs E. Copps and F. Martin's agreement. In addition the Fraction of Test Points verified should be completed.

F. G. Cherry stated that the display changes as a result of the Tiger Team effort would probably prove unacceptable to NASA. So a PCR will probably be received in this area.

### IV Alarm Summary

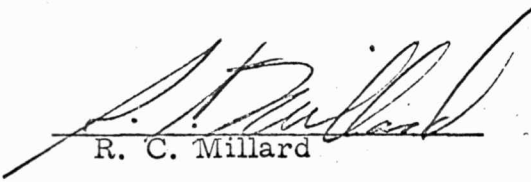
F. Martin suggested that MIT should prepare a summary of the alarms contained in the programs so that people outside of MIT would

be aware of what the alarms are, what causes the alarms, what is the effect, and how they are to be recognized. In addition iterative counters and limiters should be covered. J. Nevins stated that the G&N functional description contains the alarms and that he would look into the other suggestions.

V Meeting Schedule

Because of the necessity of D. Hoag's attending the NASA Software Change Control Board on Tuesday's in Houston, the MIT Management Development Plan Meeting will be moved to Thursday's after the next joint NASA meeting. MDRB Meetings will be held each week on Monday's to process PCS's and to brief D. Hoag for the next day's meeting at NASA with a review of the inhouse status of PCR's and PCN's. The first meeting (MDRB) will be at 1:30 p.m. on Monday, 19 February 1968.

The next Development Plan meeting is scheduled for February 20, 1968 at 9 a.m.. The next NASA/MIT Development Plan meeting will be on 27 February 1968.



R. C. Millard

RCM/KG/km

cc: Attendees (listed on next page)

R. Battin	P. Felleman
W. Kupfer	W. Widnall
K. Glick	C. Schulenberg
R. Scholten	G. Levine
L. Linehan	A. Engle
J. Kernan	D. Hoag
J. Saponaro	R. White
R. Morth	A. Laats
M. Hamilton	D. Dolan

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ATTENDEES

R. Ragan	L. Larson	R. Millard
F. Martin	G. Cherry	W. Marscher
E. Copps	N. Sears	J. Nevins
J. Miller	P. Peck	J. Sutherland
G. Sabionski, NASA	K. Greene	S. Copps
D. Lickly	I. Johnson	J. Dahlen
R. Werner	J. Vittek	J. Henize
A. Kosmala	A. Martorano, SDC	F. Little
R. Wieser		M. Johnston