

~~TOP SECRET~~

14 000227680

[Redacted]

[Redacted] copy [Redacted]

24 March 1967

MEMORANDUM TO HEADQUARTERS

TO: [Redacted]
INFO: [Redacted] V. Webb
FROM: [Redacted]
SUBJECT: PROGRAM MANAGERS' MEETING - 22 MARCH 1967

1. The Corona Payload Program Managers' Meeting convened at 0900 on 22 March 1967. In attendance were Messrs [Redacted] Madden, and [Redacted] from [Redacted] from [Redacted] and [Redacted] (part-time) from [Redacted] Contractor; [Redacted] from [Redacted] and [Redacted] and [Redacted] from the Resident Office.

2. [Redacted] opened the meeting and discussed the following subjects:

A. The overall Program status. The tenor of this item was somewhat optimistic. [Redacted] indicated that all of the equipments, sub-systems, components were available for QR-2 and CR-1, that QR-2 has started into its functional tests and that it has successfully demonstrated tracking, operation of the system within its sub-system electrical power supplies, cut and wrap, cut and splice, and other ancillary tasks. The major problems were: availability of high efficiency amplifier, the installation of the ballast on the SRV's, and the delay in the ETV Qual Program. In these cases, [Redacted] and [Redacted] were well aware of the problems involved and were working full steam to solve them. It was the consensus of opinion of [Redacted] and the Resident Office that high efficiency amplifiers would be available in time to meet CR-1 and QR-2 qualification tests when required. USE 803 with riveted ballast is now available at AP and its weight and balance has been accomplished (with satisfactory results). AP still has procurement items in short supply for systems beyond the CR-1 and, of course, has the main task of putting QR-2 thru its qualification tests and checking out and accepting the first flight article, CR-1.

B. All Program Managers were again exhorted to ship their equipment to AP in as good a condition as is possible to prevent any schedule slippage or to cause unnecessary work by AP.

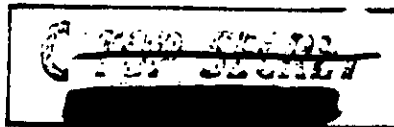
C. The latest PERT run indicated that we were 2.4 weeks behind schedule (versus 4.4 weeks behind last month) in meeting the flight readiness date of 24 July for CR-1. The most critical

Classified and Released by the N

Accordance with E. O. 12958

NOV 26 1991

~~TOP SECRET~~



24 March 1967

Page two

path ran thru AP's effort of having the black boxes ready for CR-1 and conducting CR-1 testing and acceptance. The major black boxes are the slope programmer and the switch programmer. These boxes, although now available for CR-1, have not completed their qual testing.

- D. Since PERT would be no longer affective after the next report, it was requested that AP make no further computer runs on PERT but to maintain the PERT events for reporting purposes. The associate contractors would commence reporting against line of balance starting with the next monthly report. Since both AP and [REDACTED] are now reporting line of balance, [REDACTED] is preparing a rough line of balance chart for Resident Office review. During April, the Resident Office expects to establish and maintain an integrated line of balance for the overall Corona Program.
- E. The subject of documentation review to insure that the hardware conforms to the drawings or vice versa was discussed. In view of the activity of all of the associate contractors in producing, testing, and delivering hardware, it was decided that the documentation review would continue on the same low level for the present. The low level would consist of AP's Payload Integration Group continuing to review documentation.
- F. The schedule changes that have occurred since the last meeting were reviewed. These changes consisted primarily of the delivery of CR-2 to AP on 21 April and CR-4 on 21 August. It was further determined that CR-3 schedule would be changed to deliver at AP on 6 June vice 25 May so that a system configuration test could be conducted at Boston prior to shipment.
- G. The Readiness Review at AP on April 18 was discussed. It was decided that each of the associate contractors would present a brief summary of their designs and their status to date and to indicate readiness for flight and major problems or potential ones that might prevent meeting a 24 July readiness for launch date. This approach was considered desirable in view of the fact that there will probably be a number of people who had not attended any of the previous design reviews.

3. [REDACTED] presented the status of the AP effort. Items not contained in the AP report are as follows:

- 1. As a result of the recent payload high temperatures and emissivity tests, a new paint pattern was used for J-35.
- 2. The statement relative to number of days lost referred to "waiting for Boston GFE" was modified to indicate that the time was lost due to mis-mating of cables which affected

24 March 1967
Page three

check-out time for J-46.

3. [redacted] indicated that there would be four sets of electrically actuated ballast kits delivered to AP by 1 April.
 4. All black boxes were to be delivered by the end of March for qualification tests.
 5. CR-1 was cart'd (turned over for tests) on 13 March.
 6. The ^{slope}scope and switch programmers for CR-1 would be installed by 24 March.
-
7. The system console serial number 04 for CR-1 would complete manufacturing on the 23rd of March.
 8. The swing down ballast effort of AP was terminated.
 9. [redacted] indicated that the heavy metal weights for the fixed ballast would arrive at AP on the 27th of March.
 10. [redacted] and [redacted] would determine the electrical and physical design for the redundant (or overriding) heater thermostats.
4. [redacted] report followed essentially that of his written report of 15 March. Additional items covered were:
 - A. USE 805/806 would be accepted at [redacted] and then torn down to allow installation of the ballast and then [redacted] would perform a confidence run.
 - B. [redacted] would review the dates by which he could get USE 805/806, 807/808, and 809/810 to AP in order to meet the changed schedule mentioned in sub paragraph 2F above. In a subsequent action, [redacted] will provide USE's 807 and 808 on 5/19/67 and 5/26/67, respectively, with welded ballasts. Separate buy-offs will be required.
 5. [redacted] report and Madden's verbal report were essentially as contained in their written reports. Additional items discussed were:

The fact that since [redacted] operation would be terminated within the next three months as a separate contract, a number of photo cells for the DFD's would have to be bought and sent to AP. Since the yield on the photo cells has been rather small, a sufficient number (to be determined by [redacted] in coordination with AP) would be bought plus a number to provide a safety margin. The photo cell has a T/M point which indicates shutter operation.

6. My evaluation of the Program is as follows:
 1. J-1. It does not appear that there are any problems that

24 March 1967
Page four

are not normal and readily solvable provided action of sub-paragraph 2B is followed.

2. The J-3 evaluation has been previously covered under sub-paragraph 2A.

7. The next Program Managers' Meeting was tentatively established for the 19th of April at AP.

8. Copies of the [redacted] and [redacted] reports have been forwarded to [redacted] in accordance with previously established procedures (one copy @ to [redacted] Webb, and [redacted]).

[redacted]