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14 April 1967

MEMORANDUM TO HEADQUARTERS

TO: [redacted]
INFO: [redacted]
FROM: [redacted]
SUBJECT: WEEKLY ACTIVITY REPORT
REFERENCE: [redacted]

Declassified and Released by the NHC
In Accordance with E. O. 12958
on NOV 26 1997

1. The reference TWX reported the planned travel of the Resident Office Staff for the period 17 to 28 April 1967. This report will highlight the activity of the staff for the period 10 to 14 April 1967.
2. Activity for the week of 10 April 1967.

Monday - 10 April

A staff meeting was held. The following were the main subjects discussed:

1. Deferring the PET Meeting from 18-19 April to 20-21 April in view of the activity at AP on 18 and 19 April.
2. The need for NPIC staff to get together with the Resident Office and Operations and Analysis group at AP relative to insuring that the formatting of the tape recorder data will meet the needs of [redacted] overall.
3. Review of the Mission 1040 just completed.
4. The clean room procedures at AP. A new SOP will be promulgated by AP within the next week.
5. The need for the [redacted] Field Service group to have their own Sanborn recorder for check-out of DISIC. A message was sent to [redacted] requesting that they purchase a recorder for the use of the [redacted] Field Service personnel.
6. Buy-off of the DISIC # 4. The time of buy-off of this unit was uncertain, but it appeared likely that it would be conducted during the period 12 to 14 April. The Resident Office is planning to have [redacted] attend this buy-off.
7. A summary of the activities of [redacted] and [redacted] for the

C/ [REDACTED]

14 April 1967
Page two

preceeding week was given the staff.

8. The System Data Book which is being put together by [REDACTED] was discussed. This data book would incorporate operation of both the vehicle and the payload. The payload portion is practically the same as that already submitted for publication by [REDACTED]
9. The activity to be conducted at AP during the next two weeks was discussed and planned travel and/or participation in meetings was delineated.

Tuesday - 11 April

The Resident Office conducted normal operations. A meeting was held with [REDACTED] and [REDACTED] to discuss potential problem areas. Items discussed were:

1. The go-ahead for the 32 bit shift register command system.
2. The work AP will be doing for P & E on design and possible production of AGE.
3. Clean room procedures.
4. The need for AP to send drawings and specifications for GFE items to [REDACTED]
5. The need of a meeting between AP Resident Office and [REDACTED] relative to the tape recorder formatting.
6. The status of QR-2 and CR-1. It appears that there are no major problems now attendant to the qualification program for QR-2 nor for the hardware availability check-out of CR-1.

[REDACTED] at [REDACTED] for [REDACTED] Program discussions.

Wednesday - 12 April

A Scheduling Meeting was held with [REDACTED] personnel. Following is the flight schedule for the next six months.

<u>DATE</u>	<u>PAYLOAD</u>	<u>VEHICLE #</u>	<u>PAD #</u>
9 May	J-40	1634	1 East
15 June	J-37	1633	1 West

C/ [REDACTED]

14 April 1967
Page three

<u>DATE</u>	<u>PAYLOAD</u>	<u>VEHICLE #</u>	<u>PAD #</u>
25 July	CR-1	1641	1 West
29 August	J-42	1637	1 East
3 October	CR-2	1642	1 West

In the event that CR-1 does not fly on 25 July, J-42 would be moved up in its place and CR-1 would fly on 29 August - an adjustment would be made to the CR-2 schedule.

The system data book was brought to AP by [REDACTED] This was reviewed by AP, ROTs, [REDACTED] and [REDACTED] prior to release to [REDACTED] with the R.O. comments.

The Corona portion of the agenda for the Career Trainee Program was prepared and transmitted to [REDACTED]

Thursday - 13 April

A meeting was held at Sunnyvale with Murphy, [REDACTED] and several members of their staffs to get a first-cut look at [REDACTED] requirement to provide command generation and verification on the STC computers relative to the recently approved 32 bit shift register command system. The different approaches relative to verification were discussed and the need for coordination among Lockheed and the tracking stations' computer programmers was highlighted. The command generation portion, for purposes of this meeting, was defined as receiving the [REDACTED] TWX from [REDACTED] converting the TWX data to computer language, perform necessary computer operations, verify the proper commanding, and send the command to the tracking stations for transmission to the space vehicle. The question of whether the command generation would be done by [REDACTED] or [REDACTED] was not discussed at this meeting.

It appeared that there would be much more software money needed than the [REDACTED] estimated by [REDACTED] for programming of the STC computers. There is also a possibility that, in order to have exclusive use of a computer for Corona when Corona operations plus others are in progress at the same time, another STC computer may be required.

The action that the Resident Office is taking relative to this situation is to analyze and obtain the facts on two bases: (1) the command generation would be done at AP and (2) that it would be done at the STC. After these facts (costs, time, feasibility, mode of operation, etc) were obtained, then the political aspects of the problem could be discussed separately or on top of the basic facts. There appears to be no question but that [REDACTED] would continue to generate the same type of information (pre-flight, on-orbit, and post-flight data) that we are now generating. The basic question is where the command generation for each specific station command would be accomplished.

14 April 1967
Page four

Murphy and I agreed that we would gather all of the facts and then meet in about another month to determine what could be the best way to proceed. Meanwhile I will keep you informed on the status.

Friday - 14 April

A meeting was held with [REDACTED] of [REDACTED] at AP. Items primarily discussed were:

1. The recent information that the last three Corona flights gave fair to poor interpretability. [REDACTED] stated that he was not aware of this fact and that as far as he could determine, the results were about the same as had been obtained in the past. He will check this out with his office.
2. The presentation that [REDACTED] is arranging at [REDACTED]. Apparently there will be about 15 [REDACTED] personnel visiting [REDACTED] on the 25 and 26 of April to be given a presentation by [REDACTED] and [REDACTED] on color film applications and useability, and the results of the recent EKIT tests. This presentation should provide little interference to the J-3 work - a plant tour of J-3 facilities is on the agenda.
3. Future activities and comments.
 1. A Corona Payload Readiness Review at AP on 18 April. ✓
 2. Program Managers' Meeting at AP on 19 April. ✓
 3. A PET Meeting at [REDACTED] for Mission 1040 on 20-21 April. ✓
 4. Career Trainee Group at AP during the week of 24-28 April. ✓
 5. A possible COMOR briefing on the last three Corona flight results on 4 May. No ✓
 6. The two high efficiency amplifiers which arrived at AP last Wednesday have been put into QR-2 and have checked-out nicely. They were given a 20 minute run and it appears that the cross-talk between the amplifiers has been corrected. ✓
 7. The ETV at [REDACTED] has completed the vibration qual test on all three axes. The preliminary results show that the ETV will meet all vibration qual specs. ✓

C/

14 April 1967
Page five

8. [REDACTED] has had a problem with an encoder on system 304. As a result, CR-2 may be late in arriving at AP or it may be decided that CR-2 will not be used to measure in-flight calibration (the encoder assemblies will be put on CR-5 vice CR-2). More will be known about this at the Managers' Meeting next week.

[REDACTED]