

~~TOP SECRET~~
Program Managers Mtg



3 May 1966

~~TOP SECRET~~

MEMORANDUM FOR: [REDACTED]

FROM: [REDACTED]

SUBJECT: MINUTES OF PROGRAM MANAGERS MEETING ON 26 AND 27 APRIL 1966

[REDACTED] introduced [REDACTED] who gave a run down of the recent activities leading to the agreements made in Washington for Management and Operations of the Corona Program. [REDACTED] discussed the main items of the memorandum that was submitted by Dr. Flax to the Excom. In essence the Corona Program will be managed essentially as it is today. In other words, the Agency will have contractual control and technical direction of all items pertaining to the payload with the exception that DISIC will be procured by [REDACTED] but we will be responsible for the design control and integration of DISIC in the J-3 payload. A program director from the Air Force has been assigned for the overall Corona Program. He will have responsibility for program planning, schedules, and budget but cannot alter Agency budgets. In addition, ultimate operational control will be vested in the Air Force. There are a few items which will require clarification, these concern the freedom of action of [REDACTED] on visits to payload contractors and the overall security clearance authority for the Corona project. It was also stated that the Agency will continue to have direction of the SRV's unless a major improvement is being contemplated at which time control reverts to the Air Force. [REDACTED] defined that ESM was a major improvement and hence would fall under jurisdiction of the Air Force segment. [REDACTED] then explained the organizational structure of the Agency with particular reference to the position of Mr. Sheldon in the DDS & T organization and as director of reconnaissance programs for the Agency. He also spelled out in detail his desires relative to the operation and control of the project through the Program Office at A/P. [REDACTED] indicated that he desired contractors wishing to see persons higher in the Agency organization structure, to check with him and he will make arrangements for such meetings. At the close of the first day's session, [REDACTED] indicated that he would like to have the Program Managers consider the type of items that should be discussed at these meetings. He particularly desired that they do not become technical design meetings. He also desired to have the Program Managers discuss the timing and location of the next PIM meeting.

[REDACTED] then discussed the items of concern to the Resident Office, these were: planning for the J-3 system, specification control, and the desirable number of back-up units required to meet operational commitments. For planning, the Contractor Program Managers were requested to be prepared to start submission of PERT for the overall J-3 Program. In addition, he requested that Contractors submit monthly financial reports to the Resident Office (these could be the same reports submitted to the [REDACTED] Contracting Officer).

Declassified and Released by the NRO

in Accordance with E. O. 12958

~~TOP SECRET~~

on 266/9-2-1991

In addition, a brief monthly progress report was desired of all the Contractor Managers. The subject of the number of back-up units necessary to meet flight schedules in accordance with the understood desires of the NRO was discussed in detail, and it was determined that three additional J-1 systems would be required to take care of eventualities and to assure that adequate number of back-ups would be available to support changing requirements. Our message [redacted] was sent out to cover this situation.

The subject of specification control was reviewed by the Resident Office. In summary the Resident Office would have approval authority over the main contractual documents such as: The J-3 Requirements Spec, The J-3 Environmental Spec, the Work Statements, and Interface Specifications that affect form, fit, or function. An implementing procedure was approved for this program. Copies of these procedures were given to the attendees.

[redacted] then covered the J-1 and FG system schedule. The status of the FG's was that (1) in FG-1 the slave instrument was having problems in obtaining clearly defined images from the rail holes. As a result of this problem a FG Team Meeting is planned to be held at the A/P on the afternoon of 11 May, so that the using group will be able to determine the usefulness of these images for mensuration purposes. (2) the lenses of the FG-2 were shipped on the 26th of April. FG-2 is not expected to arrive at A/P until the 17th of June. (3) FG-3 was awaiting luges that were expected on the 15th of May. This system is still on a schedule to ship to A/P on the 17th of July. (4) A conversion decision has been given on FG-4 in that this system will be converted to a normal J-1 system and should be shipped to A/P about the middle of May this year.

Madden then reviewed the J-3 program. He indicated that the qualifications schedule for the single unit (299) should be completed about the first of January and that the first system, the QR-2, Instrument nbs. 300-301, should finish their acceptance testing at [redacted] by the 30th of November for shipment to arrive at A/P about the middle of December for A/P's system qualification tests. Madden indicated that the 128 ETL modification has been jointly reviewed and analyzed by the J-1 and J-3 Program Managers along with [redacted] and that the modifications now planned should be capable of handling both the J-1 (and FG) and the J-3 schedules and that commencing about the first of September the ETL should be able to test J-1's and J-3's at the same time. The next item that Madden covered was the Program Review schedule in which [redacted] would be ready for a Design Review of the exposure control device about the 10th of May and that a Design Review for the remaining section of the camera, that is the servo drive, pan geometry, the film transport, and data read out should be held about 15 July 1966. He indicated that the Instrument Qualification Specifications should be ready for review about the middle of June, the Acceptance Specs about the middle of August, and the Engineering and System Qual Specs about the first of November 1966. Spares are planned to be defined about the first of December this year. The J-3 drawing status was that, out of approximately 1500 drawings required, about 950 have been released, and 300 in various phases of detailing and checkout, with about 250 remaining to be completed. Madden expressed his concern over the weight summary and indicated that they are doing all they can to bring the weight down close to a 300 lb. level. As of now, the camera module stands about 325 lbs. with little prospect of any

~~TOP SECRET~~

great reduction. Main supply weights are about 74 lbs., the "A" take-up cassette at about 18 and the "B" take-up at 20 lbs. The inner roller assembly and the intermediate roller assembly stands at about 2.3 lbs. for a total camera system weight of 439 lbs. ██████ assured the group that any commitments as far as additional J-1 units are concerned or any conflicts between J-1 and J-3 will be resolved by ██████ Management and that whatever commitments are made by either Program it is to be understood that coordination had been effected between the two Program Managers (Madden and ██████). The Program Managers Meeting adjourned about 6 p.m. on the 26th and resumed at 9 a.m. on the 27th.

The first status report on the 27th was given by Baker from ██████ who presented his overall program and indicated the tightness of the Program. After discussion among the group regarding the desired delivery dates for any additional back-up J-1's and the first two pairs of the 800 series SRV's, it was determined that ██████ would be able to deliver to A/P J-1's on the basis of, one on the 22nd of January, one on the 15th of February, and another one about the 7th of March. This would be in sufficient time for A/P's integration and checkout purposes. It was also agreed that the first pair of 800 series SRV's would be shipped to A/P on the 21st of January 1967 and the second pair on the 15th of February 1967. These delivery dates would allow A/P sufficient time to conduct their qualification tests and have CR-1 ready for first flight in July. I have furnished you separately the complete schedule as presented by ██████. It was agreed that there would be a Design Review at ██████ on the first week of June for the complete structural repackaging. Design Reviews are also scheduled on the first week in July for the recovery programmer, the duel event beacon, and the 61 PIN IFD. The schedule as layed out by Baker I think will give you a clear picture on how ██████ intends to pursue its research and development projects.

██████ presented the last status report for the Managers Meeting and covered the overall program schedules and the need for meeting instrument and SRV deliveries to A/P in order to increase the confidence of first flight of J-3 in July 1967. ██████ also covered the ramifications involved in attempting to engineer concurrently a wide angle and the regular DISIC. No conclusions were drawn from these two items.

After ██████ presentation, copies of the updated J-3 Requirements Spec and The J-3 Environmental Spec were distributed to each Program Manager. In addition, The J-3 Interface Spec between Boston and A/P was executed and approved. Design Review Meetings were set up at this time to review the exposure control device at ██████ on the 9th of May and to hold an ██████ Interface Meeting at ██████ on 10 May. In addition, a meeting was set up with ██████ to have ██████ Management personnel to meet with ██████ and Resident Office personnel on 17 May to review the Interface Specs and the Specification Control Policy for this Payload Program. A Mechanical Interface Meeting between ██████ and ██████ is to be held at A/P on 5 May. It was also agreed that the Resident Office and A/P would commence work on establishing a drawing control procedure.

The group then discussed the requests of ██████ to look into the frequency and subjects that should be covered in the Program Managers' Meeting and to decide on the next PIM Meeting. It was mutually agreed that the Program Managers should meet no less frequently than every two months and

~~TOP SECRET~~

preferably monthly or on a six week basis in the early part of the Program. The next meeting was established on the 8th of June at A/P. The scope of the meetings was to relate primarily to management problems such as schedules, coordination, management control system, and the like. It was felt that the Program Managers should not get into technical design type subjects unless, of course, they bore direct relationship to the slip functions that is; schedule, life, interchangeability, and performance.

Relative to the PIM Meeting it was the consensus of the group that the next PIM Meeting should be held about the second week of July 1966. Location undetermined at this time. The Resident Office will send out a tentative agenda and a request for additional agenda items about the latter part of May. Meanwhile each of the Managers would be working up data to present to the Using Groups.

After the Program Managers Meeting, [redacted] met individually with Baker to establish the procedures to establish a PERT network and reporting from [redacted] commencing about the first week of June. In addition, we agreed that [redacted] will submit a monthly financial status report in chart form to this Office. [redacted] will make a presentation to cognizant A/P personnel and assist them in establishing an integrated J-3 PERT network for Program Control purposes. I would expect that PERT would become operational in this Program in about one and a half to two months.

[redacted]

[redacted]

[redacted]

[redacted]
