

~~CONFIDENTIAL~~

DECLASSIFIED UNDER AUTHORITY OF THE
INTERAGENCY SECURITY CLASSIFICATION APPEALS PANEL,
E.O. 13526, SECTION 5.3(b)(3)

ISCAP APPEAL NO. 2013-027, document no. 2
DECLASSIFICATION DATE: September 29, 2014

L. E. Root

December 11, 1958

cc: H. J. Brown
L. N. Ridenour
R. R. Kearton

W. M. Hawtins

10-01

1

2081

WEEKLY ACTIVITY REPORT - WEAPON SYSTEMS

Manufacturing:

1. A mechanized system for producing Requests to Purchase, Purchase Orders, and Receiving Memos has been developed and will be used as soon as equipment is available. Equipment consists of Flexowriters, Computypers, IBM tape-to-card converter, and related items. The initial use will be limited in scope until personnel are trained and procedures perfected. A substantial reduction in the procurement cycle elapsed time and in operating costs will be realized.

2. Task groups have been established in the XM Manufacturing area by sectional breakdown and assignments made to insure meeting the recovery schedule program. A special Task Force has been established for Telemetering and they are now assured of the design support that has been lacking.

3. Vehicle No. 1060 was completed and shipped to the Santa Cruz Test Facility on Friday, 5 December. This test vehicle was delivered seven (7) days ahead of the scheduled completion date of 12 December.

Quality Assurance:

1. The first week of extensive and intensive indoctrination of our eleven Midwest and Eastern Field Office personnel has been completed with a marked degree of success.

2. Mr. C. E. Bloomer, Director of Procurement, and Mr. R. E. King, Supplier Quality Control, of the Martin Company, Denver, visited the Van Nuys Quality Assurance area last week to make an initial survey of their capabilities with respect to certain qualification type testing involving hydraulic, pneumatic, vibration and environmental tests of valves, regulators, fuel systems and electronic components. This may lead to future subcontract work.

XA Program:

1. Colonel Evans notified LMSD on 6 December 1958 of an ARPA directive to BMD which reprograms the DISCOVERER effort and could result in re-direction of the SENTRY effort. The ARPA directive represents the eighth major

~~CONFIDENTIAL~~

December 11, 1958

reprogramming of the LMSD effort since February of this year.

50X1, E.O.13526

- (a) The reprogramming applies to funding for FY 60 and provides [] to the Air Force as against a planning estimate of []
- (b) The current DISCOVERER program will be reduced by six shots for a total of 13.
- (c) The Subsystem E effort (Visual Reconnaissance) is to be re-examined in terms of possible use of recovery rather than electronic readout techniques to obtain a ground record of reconnaissance data.
- (d) Colonel Evans has requested that no major commitment of funds be made until the ARPA decision is reached to protect his position.

2. It was indicated that in contract negotiations at BMO for FY 59 agreement had been reached (as of 2 December) on cost and that the fee and fee base are now being negotiated. BMO desires to reduce the LMSD proposed fee of 7-1/2 percent to 6-1/2. One-half percent of the 1% differential is not to be allowed LMSD by BMO because the facilities to be furnished by LMSD are not as extensive as previously planned.

KN Program:

1. At the Management Meeting, 10 December 1958, a program was presented to get the Polaris Program on schedule and remain within the available funds. The original increase in manhours to perform the expanded work program under the R&D contract was estimated at 1.7 million. This figure was reduced to 0.3 million manhours by project management review. Although consideration was given to dropping of items and recovery on the program schedule between the AX-15 and the AX-18, it still appears that the R&D effort will be short by approximately 86,000 manhours.

2. The AX-3 firing date has been delayed by about six days due to leakage in the equipment bay.

3. Static testing at AGC of a new type "bent or slant" seal jetevator is scheduled for this Saturday or next Monday, December 15. Contingent upon favorable results in testing this new type jetevator, a set will be sent to Patrick for possible installation on the AX-4. Should the bent seal jetevator test be successful the AX-4 may fire prior to the AX-3.

4. The KN Technical organization is designing a proposed jetevator which will be turned over to Manufacturing shortly.

5. A revised Master Schedule has not been prepared as work is being done to recover on the original Mark IV program; however, Manufacturing has been given the go-ahead to proceed on the recovery program.

~~CONFIDENTIAL~~

December 11, 1958

XP Program:

1. The Q-5B Target presentation at Colorado Springs to Air Force and Army representatives was favorably received. IRADCOM personnel at the Colorado Springs meeting are making a formal recommendation for the use of the Q-5B to CONARC Headquarters.

2. At the direction of Mr. Kearton, XP devised a new Management type proposal plan describing mutual benefits to LMSD and the Army. This Anti-tank Missile proposal will be submitted in rough draft to the Bay Area 15 December.

3. Written confirmation is anticipated within the next seven days to extend the current Army Q-5 program in time, but not in scope.

4. The Phase II ALBM technical proposal will be ready for discussions with the military on 15 December. Sales brochures for the B-47, B-58 and combination B-52, B-58, and B-70 proposals will also be available for consideration.

Weapon Systems Development Test:

1. Ship Motion Simulator - Preparations continue for instrumentation needs of the third STV-1A vehicle. This vehicle now is being used for missile container impact tests at Goodyear Aircraft Corporation, Litchfield Park, Arizona. Return of the vehicle is expected by 12-20 with instrumentation outfitting to be complete by 1-9-59.

2. In-Plant Testing - Subsystem "L" - Structural specimen was subjected to thermal loads by use of the radiant heat facility. Programming of heat input (temperature vs. time) was satisfactory with specimen failure occurring after a 64-second exposure. Nature of the failure is unknown due to security restrictions; however, thermocouples installed in the specimen recorded a temperature of approximately 1000° F.

Willis M. Hawkins
Assistant General Manager
Weapon Systems

WMH/CWH:sjg