

WEEKLY DIARY ITEMS - LBTP

18 June 59 Thru 24 June 59

(U) Titan Ducted Launch Test Program

The Definitive Contract, AF 04(647)-373, has been written, approved by JAG, and will be sent to Aerojet for signature the week of 29 June 1959 after initial review and approval by LBPC.

(U) Missile Valve Test Services

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Negotiations are scheduled for 25 June with Steward-Dyne Laboratories, Inc. The Administrative Contracting Officer's approval of Wyle's T&M proposal has not yet been received, making it impossible to schedule negotiations. A weekly follow-up has been made to the Administrative Contracting Officer, and the problem was referred to the Los Angeles Air Procurement District Ballistic Missiles Liaison Officer who promised to personally investigate and, where possible, to expedite things.

(U) Payload and Test Contract Systems 609A

The Evaluation Board report has not yet been approved. There is little chance of getting the successful offeror covered under a Letter Contract (and getting a recorded obligation) by 30 June, unless the approval is forthcoming by close of business today (24 June 1959).

(U) Contracts with Space Technology Laboratories, Inc.

1. Contract AF 04(647)-302 - Project ABLE-3 and -4. The Contractor has indicated that the revised cost proposal covering the ABLE-3 and -4 Program as re-directed by NASA and the over-run portion on the original effort will be submitted to LBTP by 26 June 1959. Change Order No. 2 allotting additional funds in the amount of \$1,100,000 to the contract will be distributed by 26 June. The contract will now have funds to cover the period through 30 June 1959. Additional funds for periods subsequent to this date have been requested from NASA.

2. Letter Contract AF 04(647)-309 - SE/TD for AF Ballistic Missile Program. An advance copy of the Definitive Contract has been forwarded to STL for preliminary review. The Definitive Contract is complete except for the amount of fixed fee which is still being negotiated. As indicated previously, preliminary review action is being accomplished pending resolution of the fixed fee question.

3. Letter Contract AF 04(647)-361 - Covering STL effort for Projects TIROS, TRANSIT and COURIER (ARPA 17-59). Amendment No. 1 which added work for projects TRANSIT 1b and COURIER 1a and 1b was distributed on 22 June 1959. The Letter Contract is being further amended (subject to receipt of PR) to provide for STL to perform SE/TD for the Communications Satellite Program.

18-24 June 1959 ✓

4. Letter Contract AF 04(647)-369 - SE/TD for Project MERCURY. A preliminary negotiation meeting to discuss the Definitive Contract Work Statement and method of contracting was held with the Contractor on 23 June 1959. STL proposed a revision to the present Work Statement and will submit their recommendations by 29 June 1959, after which further discussions will take place.

(U) Communication Satellite Program

A pre-proposal briefing was held as scheduled on 23 June 1959. Twenty-two of the twenty-three firms invited attended. Proposals are due on 10 July 1959.

(U) Long Range R&D Valve Program

As a result of the development of pressure-sensing switches on Contract AF 04(647)-158, The Frebank Company proposed the development of a unique cryogenic tank pressure actuated control valve incorporating a snap-action pressure sensing actuator. This is considered to be a major improvement in the design of reliable switches for the Ballistic Missile Program. RFP-59-BMD-642 covering this requirement will be forwarded to the Contractor on 25 June soliciting a proposal on a sole source basis. Finalization of a CFFF contract is contemplated by 30 July 1959.

(U) Long Range R&D Valve Program

Issuance of Supplemental Agreement on Contract AF 04(647)-163, The Garrett Corp., AiResearch Division, has been delayed due to recent changes in the Work Statement. The Purchase Request for additional funds to cover the over-run has not been received. Finalization of the Supplemental Agreement is contemplated by 10 July 1959 pending receipt of funds.

(U) Re-design of Minneapolis-Honeywell HIG-4 Gyro

Supplemental Agreement to AF 04(647)-110 is in process for re-design of the HIG-4 Gyro and fabrication of 12 components. Negotiations are scheduled for 26 June 1959. Finalization of this Supplemental Agreement is contemplated by 8 July 1959.

(U) Testing of Atlas Tank Pressure Regulators

Wyle Laboratories, El Segundo, had requested a \$34,990 over-run. As a result of negotiations this has been reduced to \$32,701. A Purchase Request covering the required funds has been received. The Change Order funding this over-run will be distributed by 11 July 1959.

(U) Titan Missile Display

A requirement for a Titan Missile Display has been generated by the USAF Orientation Group. A Purchase Request for \$1.00 is being initiated by AFEMD to provide funds for this display. The Martin Company, of Baltimore, has informally agreed to supply the display to the Air Force at a total cost of \$1.00. Completion of the display is scheduled for August 1959.

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WEEKLY DIARY ITEMS - LBTP

11 June 59 Thru 17 June 59

(U) System 609A Program

Delivery Order No. AF 04(647)-59-6, the last of three such orders, was sent to National Aeronautics and Space Administration on 16 June 1959. The three Delivery Orders call for rocket motors, guidance systems, and airframes in support of System 609A.

(U) Communication Satellite Program

Requests for Proposal on the 1960 Communication Satellite were mailed on 13 June 1959 to the 23 sources selected by the Evaluation Board. A pre-proposal briefing on this project is scheduled for 23 June 1959.

(U) Contracts with Space Technology Laboratories, Inc.

1. Contract AF 04(647)-302 for Project ABLE-3 and -4 was distributed as of 15 June 1959. Change Order No. 1 which obligates additional funds to the contract was also distributed on that date. CCN #1 covering re-direction of the ABLE-3 and -4 program (new launch dates) was issued with an effective date of 5 June 1959. The Contractor is presently preparing a revised cost proposal to cover the re-directed program.
2. Contract AF 04(647)-309 for SE/TD in support of the AF Ballistic Missile Program. The Definitive Contract has been written except for inclusion of the Fixed Fee (which is still being negotiated). Various preliminary processing actions are proceeding, pending negotiation of the Fixed Fee.
3. Letter Contract AF 04(647)-361 covering ARPA Projects Tiros, Transit and Courier has been amended (Amendment No. 1) to cover additional work under Projects Transit and Courier. This Amendment was forwarded to the Contractor on 12 June 1959 for signature. The Contractor has indicated that the document will be signed without exception and returned during week of 22 June 1959.
4. Contract AF 04(647)-369 for SE/TD for Man-In-Space (Project Mercury). A definitization schedule will be prepared and forwarded to interested parties within the next week.

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WEEKLY DIARY ITEMS - LBTI

4 Jun 59 Thru 10 Jun 59

(U) WS 133A Facilities

Negotiations are presently underway with Porter, Urquhart, McCreary and O'Brien, Pasadena, California, to definitize Letter Contract AF 04(647)-359. Work to be performed is the collection of geological and geographical data and information on transportation networks in certain defined areas. Contractor shall evaluate and recommend sites and criteria to be used for basis for siting of WS 133A Facilities. Areas to be investigated and evaluated are: area approximately 150 miles from the axis established by a line drawn between Rapid City, South Dakota and Denver, Colorado; and area approximately 150 miles from the axis established by a line drawn between Amarillo and Sherman, Texas.

(U) Flourine Propulsion Test Complex

This office has received a PR initiated by WDIC for the procurement of A-E Services to design a complete Flourine Propulsion Test Complex at Edwards Air Force Base. M..A. NISHKLAN & COMPANY of Long Beach, California has been selected to perform these services at an estimated cost of \$120,000.00.

(U) Project MIDAS

Negotiations were initiated 9 April 1959 with The Ralph M. Parsons Company for a Letter Contract for A-E Services to design a launch complex at Vandenberg Air Force Base. (Re: Diary, 16-22 Apr 59). By specific request of WDIZ, 13 April 1959, all contractual action has been withheld pending rewrite of the Statement of Work by WDIZ.

(U) WS 107A-2 Facilities

Negotiations with the firm Edgerton, Gerneshausen and Grier, Las Vegas, Nevada, have been discontinued. (Re: Diary 14-20 May). Prior to receipt of a proposal, the firm requested another source be used due to type and nature of procurement contemplated. WDIB has initiated action to cancel applicable purchase request.

Contract AF 04(647)-197 (CPFF) with Daniel, Mann, Johnson, & Mendenhall and Associates has been supplemented to reflect the negotiated settlement for cost and associated fee for return of employees (during the next two calendar years) to their original home locations. This contractual action is the last intended for this contract prior to final settlement of overhead, planned for the end of FY 60.

Preliminary negotiations have been initiated with the Architectural-Engineering Firm, Ken R. White, Denver, Colorado, to design a SM 68 Missile Assembly Building at Lowry Air Force Base. This building will be designed similar to the MAB for SM 68, Vandenberg Air Force Base.

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WEEKLY DIARY ITEMS - LBTP

4 June 59 Thru 10 June 59

(U) System 609A

Three Delivery Orders have been issued to National Aeronautics and Space Administration (NASA) in support of System 609A; D. O. AF 04(647)-59-4 for rocket motors; D. O. AF 04(647)-59-5 for guidance and control systems; and D. O. AF 04(647)-59-6 for modification of airframe.

(U) Titan Ducted Launcher Test Program

The facilities problem in connection with Letter Contract No. AF 04(647)-373 has been resolved. On 9 June 1959, Aerojet verbally agreed to capitalize approximately \$15,000 worth of equipment which they had formerly categorized as special test equipment. Upon agreement of a revised estimated cost (the fee will remain the same), the Definitive Contract will be written. Estimate definitization during the week of 15 June 1959.

(U) Missile Valve Test Services

The ACO's evaluation of the Time and Material proposal from the two successful offerors have not yet been received. This delay is due to the amount of research necessary on the part of the ACO to ascertain whether or not Wyle and Stewardyne have the accounting systems necessary to permit the negotiation on a T & M basis.

(U) Payload and Test Contract Systems 609A

The Evaluation Board for the Hyper-environmental Test System convened on 8 June 1959 under the chairmanship of Colonel Harry Boone, to evaluate the fourteen proposals received on this program. The Board has established a target date of 16 June to reach an agreement on the selection of the successful offeror.

(U) Contracts with Space Technology Laboratories, Inc.

1. Contract AF 04(647)-302 for ABLE-3 and -4 was approved by the Secretary on 4 June 1959, and is expected momentarily by LBTP. Upon receipt, the basic contract will be forwarded immediately to distribution along with Change Order No. 1, which completely funds the contract, and Change Order No. 2, which will increase the estimated cost by approximately \$1,000,000 to partially cover an over-run. As previously reported, the Contractor informed the Air Force of a cost over-run of \$2,500,000 on the original work under the contract. Action has been taken by LBTP and BMD to provide additional funds both for the over-run and for additional work which is contemplated in accordance with revised launch schedules directed by NASA.

4-10 June 1959

2. Contract AF 04(647)-309 for SE/TD in support of Air Force Ballistic Missile Program. The Definitive Contract is presently being drafted by LBPP and should be ready for initial "in-house" review by 12 June 1959. Negotiation of fixed fee has not been concluded, although discussions are continuing on a daily basis.

3. Letter Contract AF 04(647)-361 covering SE/TD for Projects Tiros and Transit lb is presently being amended to provide the Contractor with coverage to perform additional work involving SE/TD, development and fabrication of various space vehicle configurations (Thor-ABLE, Thor-104) for Projects Tiros, Transit, and Courier. It is contemplated that the amendment will be forwarded to the Contractor for signature on or about 12 June 1959. ✓

(U) AFCS Displacement GYRO for Ballistic Missiles

Minneapolis-Honeywell Regulator Company, Minneapolis, Minnesota has been requested to submit a proposal for a re-design of the HIG-4 GYRO and the fabrication of twelve of these modified GYROS. Contract AF 04(647)-110 with Minneapolis-Honeywell will be supplemented to include this additional task and finalization of this agreement is contemplated by 24 June 1959.

(U) Testing of Atlas Tank Pressure Regulators

Wyle Laboratories, El Segundo, California are experiencing an over-run on Contract AF 04(647)-330 due to re-arrangement of the environmental test program, in the amount of \$34,990. Wyle Laboratories' cost breakdown of this anticipated over-run is in the process of review by the ACO. Finalization of a change order to cover this over-run is contemplated by 17 June 1959. A PR to fund this over-run is now in process. No problems are anticipated.

(U) Long Range R & D Valve Program

A cost analysis review of the anticipated over-run by Garrett Corporation, AiResearch Division, on Contract AF 04(647)-163 (mentioned in last week's diary) has not been received from the Phoenix Air Procurement District. A follow up was made on 10 June 1959. Receipt of this analysis is expected by 12 June and issuance of the Change Order to the contract to cover this over-run is contemplated by 18 June 1959.

(U) Medium Pressure Switch

Contract AF 04(647)-158, Frebank Company is being amended to revise the performance schedule due to some technical difficulties in testing Phases III and IV of the medium pressure switch. Finalization of this agreement is contemplated by 25 June.

(U) Photographic Laboratory at Vandenberg AFB

Drawings for the building which will house the film processing laboratory were received by LBTP on 9 June 1959. Request for Proposal No. 59-BMD-636 will be issued to potential bidders on or about 11 June 1959. Due date for proposals is 6 July 1959. A BMD Technical Evaluation Board was established to screen proposals. LBTP contemplates the award of the Definitive Contract on or before 10 August 1959.

WEEKLY DIARY ITEMS - LBTP

28 May 1959 Thru 3 June 59

(U) Delivery Orders to NASA for System 609A

Delivery Orders are being written and will be forwarded to NASA for the procurement of rocket motors, guidance systems, and airframes in support of Air Force System 609A. NASA has advised that delivery orders from BMC will be accepted by them. The above mentioned components are currently being procured by NASA for their SCOUT Program.

(U) Titan Ducted Launcher Test Program

A meeting was held 2 June 1959 with representatives of LEB to achieve an "in-house" Air Force position on the facilities problem. A meeting was held with Aerojet on 3 June 1959 to resolve the facilities problem which has existed since 29 April 1959. Aerojet has given notice of a cost over-run of approximately \$70,000.

(U) Missile Valve Test Services

A pre-negotiation briefing was made to LBP on 28 May at which time it was decided to use time and material contracts on this procurement. The two successful offerors and their respective ACO's were notified of this decision the same day and requested to have their T and M proposals (and the ACO's comments) in to LBTP by 5 June.

(U) Contract AF 04(647)-367, General Motors Corporation, SR 182 - Strategic Interplanetary System

Negotiations with GMC have resulted in a cost-sharing contract with an estimated cost of \$266,680, with the Government's share not to exceed 37 1/2% (or \$100,000) of the estimated cost. This is the second cost-sharing contract negotiated on these SR Study Programs. (The other is Contract AF 04(647)-333 with Aerojet).

(U) Study Requirements - General

LBTP co-ordinated with the Aeronautical Systems Center to see how they were purchasing their SR contracts and found that their \$1,500,000 program involved 12 contractors (6 SR Programs and 12 contracts) ranging in price from \$50,000 to \$200,000. All the SR contracts negotiated at ASC are on a Fixed Price basis. They operate on the theory that a contractor's incentive to get his foot in the door for future R & D programs will insure the Government's getting its money's worth on these studies on a FP basis in lieu of a cost-type contract.

28 May - 3 June 1959

(U) Contract AF 04(647)-399, United Aircraft Corporation, SR 183 Lunar Observatory

Negotiations with United Aircraft Corporation resulted in a tentative agreement of \$50,000 contract on a Fixed Price basis with a delivery date of 30 September for the final report, however, the LBPF review has caused a re-appraisal of the contract type in view of an attempt on the part of the contractor to "negotiate" a different delivery schedule with the Project Engineer after negotiating with the Buyer. In view of these developments, negotiations were re-opened with the Contractor which resulted in agreement on a Cost-Reimbursement Contract of \$50,000 with anticipatory costs starting on 20 May 1959.

(U) Contracts with Space Technology Laboratories, Inc.

1. Definitive Contract AF 04(647)-302 covering Projects Able-3 and -4 was forwarded to Hq AMC (MCPC) on 14 May 1959. From information received, review and approval will be completed on or about 3 June, subject to receipt of additional information requested by MCPC on 2 June 1959. STL is presently in the process of preparing revised cost and technical proposals to cover revised launch schedules under this contract. The STL revised proposal is due on 3 June 1959. Preliminary action has been taken to fully fund the contract upon its receipt from Hq AMC. In addition, action is being taken to obligate additional funds to partially alleviate an over-run condition existing on the contract pending revision of the launch schedules.

2. Letter Contract AF 04(647)-309. Negotiations of estimated cost \$68,095,000 was completed on 27 May 1959 with Fixed Fee negotiations beginning on 1 June 1959. The Definitive Contract superseding the above Letter Contract is presently being drafted by LBPP for co-ordination and interim LBPC review pending final agreement of Fixed Fee.

3. Letter Contract AF 04(647)-361 covering SE/TD for Project Tiros and Transit was distributed on 1 June 1959. LBTP is presently in the process of amending this Letter Contract to increase the scope of work to include over-all project engineering and integration effort for the Thor/104 configuration and over-all project engineering and integration for Project Courier. This amendment is expected to be issued by 5 June 1959.

(U) Long Range Valve R & D Program

Pending receipt of the cost analysis review of Garrett Corporation, AiResearch Division's proposal proposed over-run on Contract 04(647)-163 (mentioned in last week's diary) the problem remains unresolved. The Phoenix APD was contacted on 2 June 1959 and they advised that the cost analysis report would be forthcoming by 4 June 1959. The anticipated date of 15 June 1959 for completion of the document to cover the over-run remains unchanged.



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WEEKLY DIARY ITEMS - LBTI

28 May 59 Thru 3 Jun 59

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(U) WS 107A-2 Communications System

The proposal for the selection of the Associate Contractor for the Titan Communications System has been received and is being evaluated. Bids were received from five (5) companies.

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WEEKLY DIARY ITEMS - LBTP

21 May 59 Thru 27 May 59

(U) Titan Ducted Launcher Test Program

With respect to the facilities problem mentioned in last week's diary, Aerojet, the ACO and the Project Engineer have agreed upon a categorization of the twenty-three items of equipment into expendable items, special tooling or facilities. This categorization has been forwarded to LBB for their comments and approval. This problem has delayed the definitization of Letter Contract No. AF 04(647)-373 since 29 April 1959.

(U) Missile Valve Test Services

During the LBT briefing on 26 May, it was decided to recommend the use of a time and materials contract instead of the CPFF open contract originally contemplated in the RFP. A pre-negotiation briefing will be made to LBP on 28 May 1959, at which time a decision on the method of contracting will be made. WDIR wants the two successful offerors under contract by 15 June. Negotiations are scheduled for the week of 1 June 1959.

(U) Payload and Test Contract System 609A.

The pre-proposal briefing was held on 21 May 1959 and attended by 17 of the 22 companies on the source list. It was considered a profitable expenditure of time. On 27 May the Request for Proposal was amended by clarifying the role of the payload and test contractor. The substance of the amendment was that the payload and test contractor will perform the role usually accomplished by STL in the Ballistic Missiles Program.

(U) Contract No. AF 04(647)-367 General Motors Corporation, SR 182 Strategic Interplanetary System

A PR for \$85,000 was received in LBTP on 22 May. Preliminary negotiations have been conducted with GMC and have resulted in an agreement to use a cost-sharing contract for this third study contract. The exact percentage of the Government's obligation is not yet agreed upon. No problems are anticipated.

(U) Long Range Valve Research & Development Program - Contract No. AF 04(647)-160, Rocketdyne, North American Aviation.

Negotiations with Rocketdyne concerning the extension of delivery of the three valves covered by this contract were conducted 26 May 1959. Contractor had previously requested a 30-day extension on the solenoid valve, 180-day extension on the pressure regulator, and a 120-day extension for the revised configuration of the liquid oxygen vent valve. Contractor had also requested an extension from the delivery date for the final reports for each valve of 60 days beyond delivery of the hardware. LBTP and Contractor agreed on a

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30-day extension of the final report therefor, and agreed on a 45-day extension for the liquid oxygen vent valve and a 45-day extension of the final report therefor. Contractor will deliver five vent valves of the present configuration and five vent valves of the revised configurations by 15 September 1959. The six-month extension on the pressure regulator could not be shortened. Negotiations to define the cost over-run from cost attributable to new work is in process.

(U) Photographic Laboratory at Vandenberg Air Force Base

Drawings of the building which will house the film processing laboratory at Vandenberg AFB have not been received by LBTP. Accordingly, the date of mailing of the Request for Proposal which was set for 27 May will slip. It is anticipated that these RFP's will be mailed by 29 May 1959.

(U) Long Range Valve R & D Program

The Contractor's proposal for an additional over-run of approximately \$75,000 on Contract No. AF 04(647)-163, AiResearch Division, Garrett Corporation, mentioned in last week's diary, has been received. A negotiations conference will be scheduled in an attempt to resolve some of the problems regarding the over-run as soon as the cost analysis report is received from the Phoenix Air Procurement Office. Completion of the document to cover this anticipated over-run is anticipated by 15 June 1959.

(U) Command Destruct Receivers

The Contractor's revised proposal covering the negotiated decrease of \$333,441 on Contract No. AF 04(647)-213, as mentioned in last week's diary, has been received. A Supplemental Agreement is now being written to formalize CCN #1 and CCN #2 and to revise the delivery schedule. The scheduled date for completion of the executed document is 23 June 1959. No problems are anticipated.

(U) Contracts with Space Technology Laboratories, Inc.

1. Definitive Contract No. AF 04(647)-302 covering Projects ABLE-3 and -4 (forwarded to Hq AMC on 14 May 1959) is still awaiting MCPC review and Secretarial approval. From information received, review and approval may begin on 29 May 1959. Additional funds in the amount of \$2 million have been received from NASA to provide additional funding for subject contract. Action is being taken to place funds on the contract pending receipt of Secretarial approval from Hq AMC. ✓

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2. Letter Contract No. AF 04(647)-309. Negotiations of Estimated Cost for subject contract were completed on 27 May 1959. Total cost figure agreed upon was \$68,095,000. Several minor issues are still outstanding relative to Report Requirements and Terms and Conditions, with resolution expected by 29 May 1959. Fee negotiations are scheduled to begin during the 1 June meeting. The contract document is being drafted by LBPP.

3. Letter Contract No. AF 04(647)-369 which provides for SE/TD by STL for Project Mercury was sent for final review on 28 May 1959. Negotiations of the Definitive Contract will follow upon conclusion of negotiation of Letter Contract No. AF 04(647)-309. ✓

4. Letter Contract No. AF 04(647)-361 covering SE/TD for Projects Tiros and Transit. STL has indicated that it will return signed documents by 28 May, whereupon final review and distribution can be made. Definitization of this Letter Contract is contemplated concurrently with Letter Contract No. AF 04(647)-369. ✓

5. Contract No. AF 04(647)-205 - Project ABLE-1. Change Order No. 4 to the contract was issued on 28 May 1959 to increase the estimated cost of the contract by \$200,000 to cover a cost over-run. This completes all action under the contract. ✓

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WEEKLY DIARY ITEMS - LBTP

14 May 59 Thru 20 May 59

(U) Lunar Observatory Supplementary Study SR 183

Negotiations were conducted with United Aircraft Company. The result was a \$50,000 FP Contract with a delivery date of 30 September 1959 for the completed Study Report. The Contractor started work 19 May 1959 in anticipation of the contract.

(U) Titan Ducted Launcher Test Program

The facilities problem mentioned in last week's diary still exists. Upon advice from LBB, we are requiring the Contractor, the ACO and the Project Engineer to categorize the twenty-three items of equipment under consideration into one of three categories: expendable items, special tooling, or facilities. When we arrive at an Air Force position as to this categorization, we will then tell Aerojet to buy the facility items from their own funds. Aerojet has already purchased all items under the authority of their letter contract. It is too soon to tell whether or not this matter will jeopardize the program.

(U) Missile Valve Test Services

The approved Board Report has been received. Two CFFF Call Contracts will be awarded. LBTP is scheduled to make a pre-negotiation briefing to LBPP on 25 or 26 May. Subsequently, negotiations will be undertaken with the two successful offerors.

(U) Payload and Test Contract, System 609A

On 15 May 1959, Colonel Curtin requested that a pre-proposal briefing be held on the 609A Program and the RFP due date be extended a week. Accordingly, a telegram was sent to all offerors on Saturday, 16 May 1959, notifying them that the briefing would be held on 21 May and that the RFP due date was extended to Monday, 8 June 1959. LBTP has received a PR for \$1,020,000 for this program.

(U) Contract AF 04(647)-367, General Motors Corporation, Allison Division, SR 182

It has been decided that a third contract (in addition to Contract AF 04(647)-365, Westinghouse Electric Corporation and Contract AF 04(647)-366, Douglas Aircraft Company, Inc.) would be awarded for \$100,000.00 for study on a Strategic Interplanetary System. Upon receipt of a PR, we will negotiate with GMC for \$100,000 Cost Reimbursement type contract.

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14-20 May 1959 ✓

(U) 1960 Communication Satellite Project

The Source Selection Board is currently considering sources to which Requests for Proposal should be sent. The Request for Proposal has been prepared and co-ordinated except for the Statement of Work which has not been completely written by AFEMD. No problems exist in that a release of the program has not been received from ARPA.

(U) Command Destruct Receivers

As a result of agreements reached during the previous meeting with the President (Mr. F. C. Reith) of Crosley Division, AVCO Mfg Corporation, with regard to CCN's, delivery schedule and profit under Contract AF 04(647)-213, a final negotiation conference was held as scheduled on 15 May 1959. Crosley's proposed contract reduction of \$306,441 was increased by \$27,000 for a new total reduction in price in the amount of \$333,441. This reduction is a result of CCN's No. 1 and No. 2, which relieved the Contractor of some of the stringent requirements of the specifications covering the Crosley receivers, an extension in the scheduled delivery and a voluntary reduction in the price of the engineering models previously delivered by Crosley which was considered to be excess profits. Crosley will submit a confirming letter covering the negotiated reduction and a Supplemental Agreement will be processed to formalize CCN No. 1 and CCN No. 2 and revise the delivery schedule. It is anticipated that this Supplemental Agreement will be executed by 23 June 1959.

(U) Long Range Valve R & D Program

Change Order 1, Contract AF 04(647)-163 - AiResearch Division, Garrett Corporation, increasing the estimated cost and funding by \$21,000 has been distributed. An additional over-run of approximately \$75,000 is anticipated. This Contractor is considered to be remiss in his contractual obligation to advise the Contracting Officer when funds allotted have been expended. Indications are that 85% of the funds allotted were expended in May 1959 and Contractor has not as yet furnished his cost over-run proposal. The Contractor advised 19 May 1959 that he would hand-carry his cost proposal for the over-run to this office with a copy to the ACO by 21 May 1959. A negotiation conference will then be scheduled to resolve the anticipated over-run.

(U) Mobile Ballistic Missiles Study

The contract awarded to Planning Research Corporation, Los Angeles, California, for this study was forwarded on 20 May 1959 for signature. Distribution of the completely executed contract is anticipated by 29 May 1959. No problems are foreseeable at this time. Contract No. AF 04(647)-372.

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14-20 May 1959

(U) Long Range Valve R & D Program

Contract AF 04(647)-160 with Rocketdyne Division, North American Aviation, Inc., covers three of the R & D valves under this program. Completion of all three valves was to be accomplished by 31 July 1959, however, the Contractor has requested a 30-day extension on the pressure regulator valve and a 60-day extension on the liquid oxygen tank vent valve. Contractor's request has been referred to the Project Officer for comments and through informal discussions indications are that the extension of delivery is too long. It appears, at this time, that a negotiations meeting with NAA representatives will be required to resolve the question. We anticipate scheduling this meeting for 29 May 1959 if all parties concur.

(U) Photographic Laboratory at Vandenberg AFB

Specifications for the Photo Lab have been re-written by LBTP and will be returned to the Project Officer on 20 May 1959. Final meeting of the Source Selection Board was accomplished 18 May 1959 and eight sources were selected for solicitation. Request for Proposals will be mailed by 27 May 1959. Earlier mailing of the RFP's could not be accomplished since the drawings of the building which will house the laboratory could not be obtained until 27 May 1959. Funds (PR) for this project have not yet been received and it is questionable if an obligation can be obtained prior to 30 June 1959.

(U) Contracts with Space Technology Laboratories, Inc.

1. Definitive Contract No. AF 04(647)-302 is currently at Hq AMC (MCPC) for review and Secretarial approval. As reported previously, the Contractor has indicated that an over-run of approximately \$2.9 million is anticipated on this contract. Follow-up action is being taken daily to expedite necessary additional funds. In addition, STL has been requested to submit a formal cost proposal to cover over-run costs.

2. Negotiations of Letter Contract No. AF 04(647)-309 are continuing, with discussion on all items, except fee, expected to be concluded by 29 May 1959. Negotiation of fixed fee will commence when agreement is reached on Work Statement, Terms and Conditions, Report Requirements and Estimated Cost.

3. Letter Contract No. AF 04(647)-369 covering SE/TD for Project Mercury (NASA Order HS-36) was delivered to STL on 12 May 1959 for signature.

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4. Letter Contract No. AF 04(647)-361 (revised) for Projects Tiroso (NASA) and Transit (ARPA) has been delivered to STL for signature on 20 May 1959. An amendment to subject Letter Contract is contemplated, upon receipt of STL proposal to cover SE/TD for Aerojet AJ-10-104 Rocket Engine. Definitization of this Letter Contract is contemplated concurrently with Letter Contract AF -369. ✓

5. Contract AF 04(647)-205, Project ABLE-1. Necessary funds to cover an over-run of \$200,000 on this contract have been received. Contractual action is being taken to incorporate additional funds to cover the over-run. ✓

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WEEKLY DIARY ITEMS - LBT

14 May 59 Thru 20 May 59

~~(S)~~ WS 107A-2 Facilities

Preliminary (pre-proposal) negotiations have been initiated with Armour Research Foundation of the Illinois Institution of Technology for Architectural-Engineering Services to investigate and survey current plans and specifications for TITAN Operational Squadron Facilities. Purpose is to confirm adequacy of operational base facilities to survive the design effects associated with nuclear blast.

Preliminary (pre-proposal) negotiations have been initiated with the Architectural firm of Edgerton, Germeshausen and Grier, Las Vegas, to design a Sensing and Alarm System for TITAN Operational Squadron Facilities to activate exterior closures in the event of a nuclear blast in the proximity of the facility.

(U) "SPACE SYSTEMS" Launch Complex

12 A Letter Contract is being processed for award to Roberts & Schaefer, New York for Architectural-Engineering Services for design of a launch complex at Patrick Air Force Base in support of Military Space Systems.

(U) Authorization to Procure A-E Services by Contract

The present Blanket Findings and Determination prohibits award of Contracts for A-E Services after 30 June 1959. The new Findings and Determination will not be available until at least August 1959. This date is in line with timing in previous years. In order that delays will not occur and to enable procurement of A-E Services to start immediately after 1 July, this Division forwarded a request for the new A-E Findings and Determination, May 5, 1959, to MCPC thru LBPP. MCPC has returned request for further justification and states that in all probability new Blanket Findings and Determination will be authorized as soon as the Annual Department of Defense Appropriation Act is passed, in other words, not until August 1959. However, interim Findings will be requested for procurements deemed necessary to be entered into in July and August.

DOWNGRADED AT 3 YEAR INTERVALS;  
DECLASSIFIED AFTER 12 YEARS.  
DOD DIR 5200.10

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59-LBT-~~4365~~ C41

  
CONFIDENTIAL

WEEKLY DIARY ITEMS - LBTI

7 May 59 Thru 13 May 59

(e) WS 117L Tracking Station

BMD has advised Purchase Request is presently being processed which will supply funds required for an addition to the VHF Receiver Building, Tracking Data Acquisition Station, Vandenberg Air Force Base. This addition will consist of approximately 1,120 square feet of floor area which will house additional supply and maintenance space, a technical area for film development etc., and a ladies powder room, inasmuch as female workers will be in this area. Original design for this tracking station was purchased under Contract AF 04(647)-201, The Ralph M. Parsons Company. Estimated cost of A-E Services for this addition will be \$4,000.00. Immediate action has been taken to cover this procurement contractually; construction completion date is set for October.

(e) WS 107A-1 Change in Location of Squadron Nr. 7

Instructions have been received from WDIC to amend L/C AF 04(647)-363 with Stearns-Roger Manufacturing Company by changing the site location of WS 107A-1, Squadron Nr. 7 from Schilling Air Force Base to Warren 3, Air Force Base. It is contemplated that this change will be accomplished by means of a Supplemental Agreement.

(U) AF 04(647)-312 Establishment of Kellogg Switchboard and Supply Company as WS 107A-1 Communications Associate Contractor

This is a procurement for a communications system for the WS 107A-1 at Warren Air Force Base, Wyoming. The contract is being amended to provide for initial designing, engineering and planning for communications systems at follow-on bases for the WS 107A-1. The Contractor has been made an Associate Contractor for these follow-on bases.

(U) AF 04(647)-298 Interim Communications System

This contract provides for a communications system for the WS 107A-2 at Vandenberg Air Force Base. The contract is being amended to provide for an interim system and also to revise the completion and occupancy dates for the various buildings to be used by WS 107A-2; and to provide a mobile van switchboard on a rental basis ~~for use until the permanent system is operational.~~

DECLASSIFIED AFTER 12 YEARS.

DOD DIR 5200.10


59 LBT 4363

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UNCLASSIFIED

WEEKLY DIARY ITEMS - LBTP

7 May 59 Thru 13 May 59

(U) Lunar Observatory Supplementary Study - SR 183

United Aircraft Corporation's proposal on RFP 59-FMD-620 was received in the office of LBTP on 12 May 1959. Negotiations are scheduled for 15 May, and we hope to have the Contractor ready to start work on or about 18 May 1959. No problems are anticipated.

(U) Titan Ducted Launcher Test Program

The facilities problem mentioned in last week's diary still exists. The successful conduct of this contract requires Aerojet to buy twenty-three items of equipment (costing about \$28,000). These could conceivably be called facilities items and which should, therefore, be purchased under Aerojet's facilities contract. However, the equipment has already been purchased by Aerojet under authority of the letter contract (AF 04(647)-373) and it is doubtful that the facilities contract could be amended in sufficient time to meet the due date of the final report (1 Sep 59). While Aerojet is willing to admit the items could be classified as facilities items, they maintain they are items of Special Test Equipment and they had no alternative but to purchase the items under the authority of their Letter Contract. A meeting will be set up with LBB on 18 May to resolve the issue.

(U) Missile Valve Test Services

The approved technical evaluation board report was received in LBTP on 12 May 1959. We intend to commence negotiations for two open CFFF call contracts with the two successful offerors (Wyle Laboratories and Stewardyne, Inc.) during the week of 18 May. A pre-negotiation briefing will be made prior to commencement of negotiations. No requirement exists for a particular valve to be tested at this time, however, it is anticipated that requirements will exist beginning the middle of June. It is anticipated that the definitive contracts will be executed by that time.

(U) Long Range Valve R & D Program

1. Aerojet-General Corporation, Contract No. AF 04(647)-164, has requested a 60-day extension in the delivery schedule. Contractor has attributed his need for additional time due to unforeseen development changes. The requested extension has been referred to the Project Officer for concurrence. Resolution of this problem is anticipated by 25 May 1959.

2. AiResearch Division of Garrett Corporation, Contract AF 04(647)-163. Change Order No. 1 is being distributed to increase estimated cost by \$21,000 for an over-run due to combined environmental testing. An additional over-run of approximately \$60,000 is anticipated due to increased rates and engineering hours. Negotiations with the Contractor will be held 17 May 1959 to evaluate and agree on the magnitude of the additional over-run.

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7-13 May 1959

(U) Photographic Laboratory at Vandenberg AFB

Specifications for the Photo Lab have been reviewed by LBTP. Changes to the specifications recommended by LBTP will be discussed with Air Photographic Charting Service representatives 14 May 1959 during the course of the first meeting of the Source Selection Board. (LBTP contemplates the issuance of the Request for Proposal by 20 May 1959.) As yet a purchase request has not been received from AFEMD. In the interim, the Source Selection Board will review the source list and the RFP including the work statement.

(U) Contracts with Space Technology Laboratories, Inc.

1. Definitive Contract AF 04(647)-302 covering the ABLE-3 and -4 Projects has been received and approved by LBPC, and has been forwarded to Hq AMC (MCPC) for further review and Secretarial Approval. Subject contract definitizes Letter Contract SA #1 to AF 04(647)-205 and L/C AF 04(647)-302. It is contemplated that final distribution will be made within two to three weeks. The Contractor has notified the Air Force of an estimated \$2.8 million dollar overrun. Action has been taken to secure additional funds from NASA. These funds are due in AFEMD on 15 May 1959. ✓
2. Negotiations of Letter Contract AF 04(647)-309 is presently in progress, with estimated cost being the present subject of discussion. Substantial agreement has been reached on the following; Terms and Conditions (schedule of the contract), Statement of Work (Exhibit "A"), and Report Requirements (Exhibit "B"). Certain areas of these items have yet to be resolved before final agreement is reached, however, discussions of unresolved areas are continuing concurrently with negotiation of Estimated Cost. ✓
3. Letter Contract AF 04(647)-369 for STL SE/TD effort under NASA Orders HS-24 and HS-36 (Man-In-Space) were delivered to STL for signature on 12 May 1959. Definitization of said Letter Contracts is still contemplated to be concurrent with Letter Contract AF 04(647)-309 and to this end negotiations are being accomplished in conjunction with Contract AF -309. ✓
4. Letter Contract AF 04(647)-361. Because of transfer of Project TIROS to NASA, Contract has to be re-written to reflect NASA contract requirements (i.e., segregation of costs, NASA Property Rights in Inventions Clause). Target date for submission of the revised letter contract to STL for signature is 15 May 1959. A problem of fund availability still exists although AFEMD indicates that a PR is in process. Negotiations are being undertaken concurrent with Contract AF -309 in order to minimize time and to facilitate formalization as one contract (AF -309). ✓

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~~CONFIDENTIAL~~  
WEEKLY DIARY ITEMS - LBTP

30 Apr 59 Thru 6 May 59

(U) Command Destruct Receivers

*P*  
A meeting was held as scheduled on 30 April 1959 with the President (Mr. F. C. Reith) of Crosley Division, AVCO, with regard to delinquent delivery and excess profit under Contract No. AF 04(647)-213. Mr. Reith exhibited a spirit of complete co-operation and an agreement in principle was reached. Crosley will submit, through the Administrative Contracting Officer, a revised proposal for CCN's 1 and 2 and will increase the May and June production to cure the delinquency in delivery. A negotiation conference date of 15 May 59 has been set to resolve the profit problem. This conference will be attended by Mr. George Shaftstall, Comptroller of Crosley, and Major C. Mehlhoff, Chief, Cincinnati Air Procurement Office, as well as EMC and BMD personnel.

(U) Lunar Observatory Supplementary Study - SR 183

RFP 59-BMD-620 (mentioned last week) was issued 1 May 1959 to United Aircraft with a due date of 11 May 1959. ✓

(U) Payload and Test Contract - System 609A

RFP-59-BMD-621 (mentioned last week) for the Hyper environment test system 609A was issued 1 May 59 with a due date of 1 June 1959. No pre-proposal briefing is contemplated. We hope to have the successful offeror under Letter Contract by 25 June 1959. ✓

(U) Titan Ducted Launcher Test Program

Although the cost and fee have been negotiated for the Definitive Contract, there is a problem regarding facilities that must be resolved before the contract can be written. This should be resolved with LBB during the week of 11 May 1959.

(U) Missile Valve Test Services

The Technical Evaluation Board Report has not yet been approved by the BMD side of the house. The Board dissolved 27 March 1959.

DOWNGRADED AT 3 YEAR  
DECLASSIFIED AFTER 12 YEARS.  
DOD DIR 5200.10

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UNCLASSIFIED  
page 4 conf

UNCLASSIFIED

30 APR - 6 May 1959

- (U) Termination of Contract AF 04(647)-160  
Whittaker Controls Division of Telecomputing Corporation

A Notice of Termination for the convenience of the Government was sent to Whittaker on 6 May 1959 for a complete termination of Contract AF -160, effective 19 June 1959. The Contractor will provide a final technical report and incidental testing (not to exceed \$3,000) to compile the report. (Reference Diary 23 Apr - 29 Apr - Summary Status of Long Range R & D Program.)

- (U) Mobile Ballistic Missiles Study

This requirement, for a study of the feasibility of Ballistic Missile Mobility, was awarded to Planning Research Corporation, Los Angeles, California, by the AFEMD Evaluation Board. Negotiations have been completed and the contract (AF 04(647)-372) is being written by LBPP and execution of the document is contemplated by 22 May 1959. No problems are anticipated at this time.

- (U) Strategic Interplanetary System, SR 182

This requirement, for a research study to develop concepts for the military use of interplanetary space, was awarded to Westinghouse Electric Corporation, Baltimore, Maryland (Contract No. AF 04(647)-365) and to Douglas Aircraft Company, Santa Monica, California (Contract No. AF 04(647)-366). General Motors Corporation, Allison Division, Indianapolis, Indiana, was selected as a third Contractor providing additional funds could be obtained. This office has been advised that additional funds are available and a third award (Contract No. AF 04(647)-367) is now in process of negotiation. Award is contemplated by 30 April 1959. Contract No. AF 04(647)-365 (Westinghouse) has been signed by the Contractor and is being processed for final signature and review. Contract No. AF 04(647)-366 (Douglas) has been forwarded for signature. Final distribution of these contracts is contemplated by 15 May 1959.

- (U) Contracts with Space Technology Laboratories, Inc.

1. Letter Contract No. AF 04(647)-302 - This contract for ABLE-4 is being definitized as part of Definitive Contract No. AF 04(647)-302. Additional funds in amount of \$2,256,500 were obligated to the Letter Contract by Amendment No. 2, pending final MCPC review and manual approval of the Definitive Contract. Definitive Contract AF 04(647)-302 will be forwarded to MCPC for approval on or about 8 May 1959.

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30 Apr - 6 May 1959

2. Letter Contract No. AF 04(647)-309 - Negotiations of this Definitive Contract began as scheduled on 30 April 1959. The contract work statement and terms and conditions were discussed with substantial progress achieved in these areas. Further discussions to resolve minor problems will continue as well as discussions relative to contract report requirements and technical plans. Negotiations of estimated cost and fixed fee are scheduled to begin 11 May 1959.

3. Letter Contract No. AF 04(647)-361 - This contract for Projects Tiros (NASA) and Transit (ARPA) was returned unsigned by STL. STL contends they could not comply with the contract report requirements. This problem has been resolved; however, additional revisions to the contract are now necessary because of the transfer of Project Tiros to NASA. The Letter Contract will be revised and returned for the contractor's signature during the week of 11 May 1959, contingent upon receipt of additional funds (PR) from the Project Office. The work statement and terms and conditions of the Definitive Contract are being negotiated. ✓

4. Letter Contract No. AF 04(647)-369 - This contract for SE/TD for Man-In-Space (NASA). The Secretarial Determination & Findings was received on 4 May 1959. The Letter Contract was written but is now being revised to provide for segregation of cost as required by NASA. The document is scheduled to be forwarded for signature on or about 13 May 1959. In the interim, negotiations on the Definitive Work Statement and Terms and Conditions are in progress. ✓

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delivery schedule. However, our preliminary conclusions at this time are that these components being developed will be valuable to the Air Force even if they are delivered late. It is, therefore, anticipated that the over-run will be funded, and the extension in delivery schedule will be recognized.

(U) Contracts with Space Technology Laboratories, Inc.

1. L/C AF 04(647)-302. This contract for Able-3 and Able-4 was delivered to STL on 21 April 1959 for signature. A problem has arisen relative to the contract report requirements. A BMD/BMC/STL meeting is scheduled for today (30 April) to resolve the reporting requirements on this contract, as well as on L/C -309, -361, and -369. ✓
2. L/C SA #1 to AF 04(647)-205. A Stop Work Order, cancelling the second Able-3 space launch, was delivered to STL on 24 April 1959. This cancellation will result in approximately \$373,000 reduction in estimated costs.
3. L/C AF 04(647)-309. Negotiations of this contract are scheduled to begin on 30 April (Report Requirements) and 1 May (Terms and Conditions and Work Statement). Negotiations of Estimated Cost and Fixed Fee are presently scheduled to begin 11 May 1959. ✓
4. L/C AF 04(647)-361 for Projects Tiros and Transit (NASA and ARPA). STL presently has the contract for signature. Definitization is planned concurrently with L/C -309.
5. L/C AF 04(647)-369 for SE/TD for Man-In-Space (NASA). The contract is presently being written by LBPP. However, Secretarial Determination & Findings, which were requested 19 March 1959, have not been received and could delay the issuance of the Letter Contract. Follow-up action has been taken relative to the Determination & Findings, with receipt of same expected momentarily. Definitization of this Letter Contract is also planned concurrently and as part of Letter Contract -309.

DOWNGRADED AT 3 YEAR INTERVALS;  
DECLASSIFIED AFTER 12 YEARS  
DOD DIR 5200.10



[REDACTED]

(S) Lunar Observatory Supplementary Study - SR 183

23-29 Apr 1959 ✓

R Request for Proposal 59-BMD-620 will be issued this week to the Missiles and Space Systems Division of the United Aircraft Corporation, East Hartford, Connecticut, on a sole source basis to procure a study on the feasibility of a full-scale, self-contained, operational base on the moon. This \$50,000 study must be delivered by 30 September 1959 to coincide with other reports due to be delivered by other SR 183 contractors.

(U) Payload and Test Contract - System 609A ✓

R Hyper Environmental Test System Request for Proposal 59-BMD-621 will be issued this week to approximately 20 companies to procure the payload and test requirements of the 609A vehicle. This vehicle is basically a NASA Scout vehicle and NASA will probably procure those items (propulsion stages, airframes, guidance systems, and launchers) which are essentially the same for both Air Force and NASA requirements. The payload must be procured competitively by the Air Force because NASA has an in-house capability to fabricate and assemble their own payloads. Since there is no parallel NASA contractor in this area, a completely independent competition will be held. The first of ten shots is due in March 1960.

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DECLASS...  
DOD DIR 5200.10

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~~CONFIDENTIAL~~

WEEKLY DIARY ITEMS - LBTI

23 Apr 59 Thru 29 Apr 59

(S) WS 117L

The firm of Kirkham, Michaels & Associates was selected by WDI pursuant to AFL 70-22, 7 November 1958, to perform A-E Services for the design of a Tracking and Data Acquisition Station at Ottumwa, Iowa. However, design action on this facility was held in abeyance pending realignment of the program. LBTI has been advised to proceed with negotiations and procure A-E Services required. It is anticipated that a contract for approximately \$94,499.00 with Kirkham, Michaels & Associates will be let within the next two weeks.

(U) Aerojet-General Corporation, Contract AF 04(647)-173

Contractor has the responsibility of providing an Instrumentation and Range Safety System at Vandenberg Air Force Base. At the request of Norton Air Force Base, the contract is being supplemented to provide for purchase by the Contractor of spare parts for Air Force supply and usage after acceptance of the IRSS by the Government.

(U) Kellogg Switchboard & Supply Company, Contract AF 04(647)-312

This is a procurement for a Ground Communications System for WS 107A-1 at Warren Air Force Base. This Contractor has been made an Associate Contractor for the Atlas Program beginning with Warren and continuing through the follow-on bases. Contract AF 04(647)-312 is being supplemented to provide the Contractor with details of his responsibilities as an Associate Contractor for preliminary engineering and design on the aforementioned bases.

DOWNGRADED AT 3 YEAR INTERVALS;  
DECLASSIFIED AFTER 12 YEARS.  
DOD DIR 5200.10

[REDACTED]

[REDACTED]

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WEEKLY DIARY ITEMS - LBTP

16 Apr 59 Through 22 Apr 59.

(U) Titan Ducted Launcher Test Program

Letter Contract No. AF 04(647)-373 has been accepted and signed by Aerojet-General Corporation and it was forwarded to the Procurement Committee (LBPC) for final review on 22 April 1959. The Aerojet proposal for a Definitive Contract is being reviewed and negotiations are scheduled for 24 April 1959.

(U) Photographic Laboratory at Vandenberg AFB

Air Photographic and Charting Service has forwarded the specifications required for the procurement of the Photo Lab to the Project Officer. Plans for the laboratory building at Vandenberg AFB will be furnished by Lookout Mountain Air Force Station in approximately a week. A source selection board has been established and is scheduled to convene during the week of 27 April 1959. The procurement is approximately a week behind its tentative time schedule. LBTP will endeavor to make this time up so a contract can be awarded by 20 June 1959.

(U) Contracts with Space Technology Laboratories, Inc.

1. Contract No. AF 04(647)-205 for Project Able-1 (NASA).—  
STL has notified us that there will be an overrun of approximately \$220,000 on this contract. The cost analysis of the STL overrun proposal, dated 23 March 1959, will be completed within the next five working days. BMD has been notified of this overrun, has provided an additional \$61,495, and is now in the process of obtaining the remainder of the money required. It is anticipated that the exact amount of the overrun will be determined and the contract closed out accordingly by approximately 20 May 1959.

2. Letter Contract No. AF 04(647)-302 for Projects Able-3 and Able-4 (NASA). The Definitive Contract was delivered to STL for signature on 21 April 1959. By their letter dated 17 April 1959, STL accepted the Air Force fee offer of \$714,107. As this was the only unresolved problem of our negotiations, we anticipate that STL will sign and return this contract immediately. Upon receipt from the Contractor, it will be given final review by LBPC and forwarded to MCPC for review and manual approval. It is, therefore, anticipated the Definitive Contract will be distributed to STL approximately 20 May 1959.

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16-22 Apr 1959

3. Letter Contract No. AF 04(647)-309 for SE/TD, Technical Assistance and Administrative Support. The original technical plans submitted by STL have been revised by BMD and returned to STL for their review and agreement. Upon agreement of the revised technical plans by STL, negotiations will be scheduled for this contract.

4. Letter Contract No. AF 04(647)-361 for Projects Tiros and Transit (NASA and ARPA, respectively). It was learned this week that Project Tiros has been transferred from ARPA to NASA. However, we will continue to contract for these two projects under this contract with a segregation of cost clause included therein. This Letter Contract covering SE/TD for these two projects was delivered to STL for signature on 22 April 1959. The negotiation of this Letter Contract will be accomplished concurrently with Letter Contract -309. ✓

5. Letter Contract No. AF 04(647)-369 for SE/TD for Man-In-Space (NASA). The PR to fund this contract was received 22 April 1959, however, the Determination and Findings (requested 3 March 1959) from the Secretary of the Air Force has not yet been received. Follow-up action to LBPP for this D&F has been made. In anticipation of receiving the D&F, we are proceeding with the drafting of this Letter Contract with a tentative schedule for transmittal to the Contractor not later than 1 May 1959. It is also planned to definitize this Letter Contract concurrently with Letter Contracts AF -309 and AF -361. ✓

UNCLASSIFIED

# DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

FILE NO.

SUBJECT Weekly Diary 10 Apr 59 Through 16 Apr 59

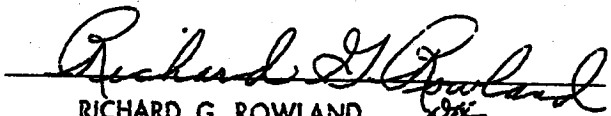
TO LBG

FROM LBT

DATE 16 Apr 59

COMMENT NO. 1

Attached are the Weekly Diary items for the Directorate of Advanced Projects.

  
RICHARD G. ROWLAND  
Major, USAF  
Director, Advanced Projects

WEEKLY DIARY ITEMS - LBTP

10 Apr 59 through 16 Apr 59

(U) Strategic Interplanetary System

This requirement is for a research study to develop concepts for the military use of interplanetary space as referenced in the weekly diary of 18 and 25 March, is now in the final stages of processing. The Evaluation Board Report has been approved, and negotiations with the two chosen offerors have been concluded. The contracts are now ready for initial review. The two contractors are as follows:

1. Westinghouse Corporation, Baltimore, Maryland cost reimbursement type contract for \$84,151. Westinghouse is currently performing this study with the use of their own funds and have indicated that they will spend \$49,000. of company funds on a cost sharing basis for this effort.

2. Douglas Aircraft Company, Inc., Santa Monica, California. Cost reimbursement type contract for \$100,000. Douglas is currently performing this study with the use of their own funds and have indicated that they will spend \$91,517. of company funds on a cost sharing basis.

Upon receipt of the contracts, distribution of which is anticipated by the 24th of April. Both companies will phase these Government funded contracts into the program now under way using company funds.

(U) Mobile Ballistic Missiles Study

The Evaluation Board Report for a study on the feasibility of mobile missiles was approved on 14 April 1959. Negotiations are scheduled to begin 22 April with the chosen offeror, and transmittal to the contractor of a definitive contract is scheduled for 4 May.

(U) Space Technology Labs, Inc.

1. An initial meeting was held with personnel from LBTP, WDEM, and STL, Inc. relative to definitization of L/C AF 04(647)-309. The contractor (STL) was requested to review his proposal and price out a revised and an AF approved SE/TD level of effort covering the 18 month contract period. In addition STL was to review the detailed AF statement of technical requirements relative to their performance under the contract. STL has advised that a meeting could tentatively be set for 17 April 1959 to again discuss the above mentioned issues. If an agreement can be reached, a contract definitization schedule can be established at that time.

2. Definitive Contract AF 04(647)-302 STL, Inc. has been delayed in submission to the contractor pending completion of changes to the contract's patent clause, requested by NASA. The contract will be submitted for initial review to LBPC not later than 17 April 1959. Anticipate

forwarding it to the contractor for signature during the week of 20 April 1959. ) / ✓

3. L/C AF 04(647)-361 has been coordinated with the Procurement staff and will be forwarded to LBPC for initial review prior to submission to STL for signature.

4. Secretarial Determination and Findings were requested on 19 March 1959, to cover STL (L/C AF 04(647)-369) for SE/TD effort for NASA Orders HS-24 and HS-36. Letter contract authority is being requested (16 April 1959) and contract will be processed upon receipt of aforementioned Determination and Findings. A purchase request is being processed by BMD.

(U) Long Range Valve R & D Program AF 04(647)-160

A meeting was held at the Rocketdyne Division of North American Aviation, Inc. on 14 April 1959 which was attended by personnel of BMD (WDTRS); BMC (LBTP); STL; the Air Force Plant Representative's Office; and Rocketdyne. The purpose of the meeting was to determine the amount (presently estimated at \$230,000) and the reasons for the cost overrun presented in Rocketdyne's 85% notice letter which was received in February. Although numerous follow-ups have been made to solicit a formal cost proposal on the overrun (and the reasons therefore), our efforts have been unsuccessful. Therefore, this personal visit was made to Rocketdyne in order to impress upon them the importance of this proposal. No approval has been given to the overrun. Rocketdyne is required to have this information through the Plant Representative's office and to our office by 1200 hours Monday, 20 April 1959, at which time we will decide whether or not to fund the overrun.

(U) TITAN Ducted Launcher Test Program.

Letter Contract AF 04(647)-373 was forwarded to Aerojet-General Corporation for acceptance on 8 April 1959 but has not yet been signed and returned. Aerojet's definitive proposal was received on 13 April 1959 and was in the amount of \$192,485, including a fee of 9%. The proposal is being coordinated with the Administrative Contracting Officer and the Project Engineer. Negotiation will be scheduled upon completion of this review.

(U) Photographic Laboratory at Vandenberg Air Force Base

AFBMD and the Air Photographic and Charting service requested BMC to procure a film processing system (laboratory installation) for Vandenberg Air Force Base. At a meeting held at this Center on 9 April 1959 attended by APCS, AFBMD, and BMC personnel, it was decided that the procurement (1) would be accomplished by LBTP (2) AFBMD (WDGN) would initiate the PR upon receipt of funds by obligation authority from APCS

# DISPOSITION FORM

SECURITY

CLASSIFICATION (If any)

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

FILE NO.

SUBJECT

WEEKLY DIARY - 18 thru 24 July 1958

TO

MCPT

FROM

MCPTA

DATE

24 July 1958

COMMENT NO. 1

WS 117L Program

S Meeting at IMSD: ~~(SECRET)~~

DOWNGRADED AT 12 YEAR  
INTERVALS: NOT AUTOMATICALLY  
DECLASSIFIED DOD DIR 5200.10

A meeting was held at IMSD with the purpose of reviewing the Contractor's organization and procedures for providing TGSE and spares therefor. The Contractor's organization, as set up, requires close cross-coordination between the working levels responsible for providing all the checkout and ground handling equipment to support the airborne vehicle and all subsystems. Consideration was given to the possible assignment of a single GSE coordinator, at a staff level position, to the IMSD WS 117L Project Manager. No definite action has been taken on the subject as yet. Requirements for TGSE to support the first flight seem to be in a satisfactory condition. The majority of items are on schedule with the balance being not later than three weeks delinquent. Spares for TGSE are being provided on a "bits and pieces" philosophy rather than "remove and replace" type of maintenance. Constant follow-up and assistance is being maintained by personnel of this WSPO to assure a qualitative and quantitative TGSE program.

Realignment of Contractor's Rate of Effort: (UNCL)

The Contractor submitted a proposal for definitization of Letter Contract AF 04(647)-181. This proposal reflected commitments during FY 59, considerably in excess of the FY 59 budget. Firm directions were given to the Contractor to revise his program to be consistent with the budget. He was requested to submit a new definitive proposal, and requested to advise the date when such proposal would be received. As a result of this fund restriction, the Contractor will be required to make a complete reassessment of his schedules in order to determine the items which can be deferred to the next FY with a minimum impairment of the program. Nevertheless, it is probable that many scheduled items which are desirable to meet the program objectives will not be accomplished within the period.

S Thor Boosted Flights: ~~(SECRET)~~

The current R & D program provides for ten (10) Thor boosted flights at the rate of one (1) per month, commencing in November of this year. A directive has been received from ARPA requesting that this schedule

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be augmented by the addition of four (4) flights, scheduled concurrently with the above-mentioned original schedule. Subsequent to the directive for four (4) additional flights, informal information has been received from ARPA that five (5) more flights will be required. This will make a total of nineteen (19) Thor boosted flights.

Visit to IMSD Van Nuys Facility: (UNCL)

The Contractor's Van Nuys Facility was visited by the Production Section of this office on 19 July 1958. Previous production problems, such as welding of magthorium, raw material shortages, etc., appear to have been minimized. Review of production charts indicate the WS 117L portion of the production effort at Van Nuys is approximately on schedule. No foreseeable production delays were apparent. The Contractor is satisfied that the point in time has been reached where future 117L production from that facility will be compatible with IMSD internal production schedules.

S Airlift Requirement: (UNCL)

The initial airlift effort is in progress. The definitized airlift requirement is scheduled to arrive from IMSD on 25 July 1958 and is expected to contain all the required data necessary for scheduling of airlift aircraft for August and September. Some equipment is already being staged at origin points for convenience of pick-up. Equipment destination points are now manned sufficiently to handle off-loading and processing of incoming equipment.

Labor Dispute: (UNCL)

The second impact study was received from IMSD regarding the Baldwin Piano Company strike which has been in progress since mid-June. The Contractor indicated that contact with Reeves Instrument Corporation reflects that current delivery requirements are not affected by strike. Delay of future deliveries is not anticipated. Baldwin is producing electronic type equipment for Reeves Instrument Corporation. A close surveillance is being maintained by this office to insure against schedule slippage.

[REDACTED]

*[Signature]*  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

[REDACTED]

# DISPOSITION FORM

SECURITY CLASSIFICATION (Use)

FILE NO.

SUBJECT

WEEKLY DIARY - 25 thru 31 July 1958

TO

MCPT

FROM

MCPTA

DATE

31 July 1958

COMMENT NO. 1

WS 117L Program

## Invoicing for Accelerated Program:

A conference was held with the contractor to discuss a problem in segregation of costs between definitive Contract AF-97 and Letter Contract AF-181. A major item of work under the letter contract includes acceleration of the program provided for by the definitive contract, and the contractor contends that it is practically impossible to segregate acceleration costs from normal costs. From the contractor's standpoint, this affects the rate of current reimbursement, since the letter contract has a 70% hold-back. The contractor took the position that the acceleration costs are properly billable under the definitive contract. The conclusion was that acceleration costs must be identified and billed under the letter contract, with an appropriate hold-back. The contractor stated that these ground rules would make it necessary for him to request an increase in the rate of current reimbursement under the letter contract from 70% to a new rate of 95%. He was told that if such a request was submitted, it should be accompanied by specific justification, and if his contention appeared sound, the request would be forwarded to MCPC for approval.

## Contract Funding:

### 1. FY 59 Fund Utilization:

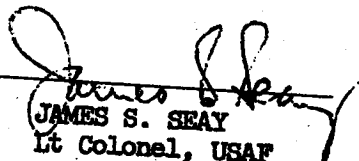
Pending approval of the overall FY 59 budget, small increments are being added to the contracts as they are made available through ARPA. The contractor's projected fund requirements for July have not been met. Efforts are being made to obtain a sufficient increment of funds during this interim period. The contractor states that he is making some commitments supported by his own funds.

### 2. FY 60 Budget Estimate:

A visit was made to IMSD for the purpose of reviewing the status of material requested from the contractor for FY 60 budget preparation. The IMSD preliminary figures were reviewed for breakdown and format and found to be acceptable in that respect. IMSD will submit official estimates by 1 August 1958 for consolidation by AFEMD into the overall WS 117L budget.

Test Base Support: 3

A meeting was held at Vandenberg AFB with IMSD personnel to review general status of IMSD support requirements. Personnel acquisition still remains the major problem. Facilities support, both in rehabilitation and new construction, appear to be progressing on schedule. Continued emphasis is being applied to the area of spares support for TGSE at the flight test base. The contractor is presently preparing a TGSE spares provisioning list similar to the flight provisioning list used for determining requisitions for spares support of the airborne portion of the weapon system. Test base personnel participate in the determination of requirements to assure adequate support. WDT Exhibit 57-29 is presently being reviewed by the contractor to determine its applicability to his internal procedures.

  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

FILE NO.

SUBJECT WEEKLY DIARY - 1 thru 7 August 1958

TO MCPT

FROM MCPTA

DATE 7 August 1958 COMMENT NO. 1

WS 117L Program

Invoicing for Accelerated Program:

The problem of allocating costs due to acceleration of the program, between the letter contract and the definitive contract has been a difficult one. This matter has finally been resolved. One fall-out of this problem was that the contractor invoiced more costs under the definitive contract than he should. This is understandable, since he only gets 70% current reimbursement under the letter contract. As a result of a conference on this subject, an appropriate ratio was worked out with respect to acceleration costs between the definitive contract and the letter contract. This agreement will permit proper invoicing and appropriate funding of both contracts.

Letter Contract Current Reimbursement:

Letter Contract AF 04(647)-181 was originally scheduled for definitization in July. A reprogramming due to fund limitations for FY 59 requires that the contractor submit a new definitive proposal based on the budget, and consequently delays definitization to November. The contractor has requested that the rate of current reimbursement be increased from 70% to a new figure, which has been negotiated with him to 87½%. A request for authority to deviate from the 70% current reimbursement restriction is being forwarded to MCPC.

Modification of C-119J Aircraft for Use on the WS 117L Program:

In order to effect the desired modification, funds were provided in the amount of \$125,000 based on estimates received from MAAMA. A TWX notification has been received to the effect that an increase in the amount of \$284,000 is now required to perform this work, or a new total estimate of \$409,000. This increase is somewhat disturbing since the estimates were made by contractors who had done this work before. This matter is being examined by WDSO and this Division.

First Quarter FY 59 Fund Projections:

LMSD is reflecting on the DD 1097 a fund projection for the first quarter in the amount of \$48,000,000. This rate is in excess of funds currently available. In discussions with LMSD at Sunnyvale on 5 Aug 58, the WSPO was advised that these projections had not taken into consideration the program realignment which was effected on 17 Jul 58. LMSD stated that new DD 1097s would be submitted which would result in a reduction of the FY 59 first quarter projection.

WS 117L Logistic Phasing Review

WS 117L LSM (SMAMA) members convened with project personnel 4 thru 6 August to generally review the current logistic phasing plan. The present plan reflecting dates for initiating provisioning of spares and GSE and flow of both supply and technical data to the LSM have been established to support the SAC's proposed 117L activation date of March 1961. A general review was also made of all 57-series exhibits governing supply, maintenance, communications, and technical data to determine their application to the 117L system. A joint BMD/BMD/SAC-MIKE/LSM meeting is tentatively scheduled with Lockheed for 19 and 20 August to review this planning and determine what immediate action would be required should SAC's OPs Plan reflecting the above activation date, be approved.

WS 117L Acceptance Procedure

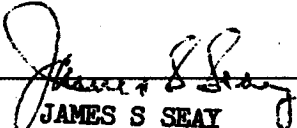
A procedure outlining the proposed method of implementing AMCR 70-5 to effect acceptance of WS 117L vehicles was forwarded to the contractor. The procedure generally describes acceptance team functions, data requirements, test procedures, and desired contractual documentation for acceptance.

Final Formalization of WS 117L Airlift Procedure

The contractor's internal Standard Practice Procedure as regards airlift has been received. A review was conducted by the Transportation Division, WDSMT, resulting in only minor comment. IMSD personnel, Mr Windsor and Mr Senns, were briefed by Lt Colonel Pope of WDSMT concerning Air Force airlift policies and procedures. Several airlift operational requirements will be conducted during this month which will afford an opportunity for closer observation of the merits of the procedure. It is further noted that airlift requirements have been submitted by the contractor covering the period FY 60.

Alaskan Theater Equipment Shortage List

The equipment established as shortage for the MN/MPS-8 tower in the Alaskan theater is being consolidated at IMSD for transshipment. August 29 is the target date when all shortage equipment should be at the consolidation point.

  
JAMES S SEAY

Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY

FILE NO.

SUBJECT

WEEKLY DIARY - 8 thru 14 August 1958

TO MCPT

FROM MCPTA *leg*

DATE 14 Aug 58

COMMENT NO. 1

WS 117L Program

DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED DOD DIR 5200.10

Augmentation of WS 117L: (SECRET)

Instructions were received from ARPA to add nine flights of the WS 117L vehicle using Thor boosters. The contract is being amended to provide for the additional flights.

SM-65/117L Integrated Test Program: (SECRET) *Coole*

General Schriever directed by memorandum dated 6 August that an SM-65/117L task group be formed to evaluate the integrated SM-65/117L program at Vandenberg AFB and submit by 15 August course of action with respect to booster support, launching operation (including guidance), and facilities status thereto. Pursuant to this directive two meetings were held on 8 and 13 August respectively with Colonel Sheppard officiating at the latter. General conclusions reached: a. Complete SM-65 launch operation including GSE and spares support will be contracted with Convair starting with March 1960 firings at Vandenberg AFB; b. Existing planned facilities will be utilized as the squadron maintenance area. Both projects are in process of finalizing the details into a work statement for contractual action through the Convair contract.

GFP Requirements: (UNCL)

The Contractor is furnishing this office with a complete GFP status. This will permit a comprehensive consolidated WSPO review and will aid in insuring continuity of the requirement.

Facility Equipment Scheduling: (UNCL)

Tracking and acquisition equipment destined for the tracking stations is scheduled for initial arrival at the various destinations on 18 Aug 58. Subsequent shipments of the equipment will then be transported via airlift concurrently with the construction build-up requirement. The final shipment of the equipment is now scheduled to arrive at destination on 16 Oct 58. This schedule compresses somewhat the original planning schedules but does not appear to indicate over-all program schedules are in jeopardy providing site construction progress dates are in phase.

Vendor and Subcontractor Delinquent Shipments: (UNCL)

Both the contractor and the AF Plant Representative maintain production staffs to expedite delinquent shipments from vendors and subcontractors. However, it is noted that a great many of these expedite actions are being forwarded to the Ballistic Missile Monitors for processing. It is believed that a more appropriate procedure would require the contractor to utilize his capabilities before seeking help

~~SECRET~~  
from the AF Plant Representative; and in turn, the AF Plant Representative should exhaust his capabilities before passing the problem on. In any event the Ballistic Missile Monitors are not staffed for a volume of work of this type. This matter is being examined in order that a suitable procedure can be established.

Modification of C-119J Aircraft for Use in the WS 117L Program: (SECRET)

OK  
Personnel of this office attended a meeting at MAAMA to investigate the reasons for the over-run of Project "Hot Hand" aircraft modification from \$125,000 to \$409,000. The over-run was explained by both MAAMA and Fairchild Aircraft Corporation personnel as being attributed to the fact that the initial estimate was based on the complete availability of equipments for the installation as GFP, whereas many items of equipment could not be made available and in other instances available equipments required extensive overhaul prior to installation. It has been agreed that MAAMA will fund this over-run to the extent of \$208,000 with AFBMD providing the remaining approximately \$200,000 of which \$125,000 was previously made available to MAAMA. The request for the additional money has been forwarded to HQ ARDC by AFBMD.

*James S. Seay*  
for  
JAMES S SEAY  
Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY

OR (UNCL)

FILE NO.

SUBJECT

WEEKLY DIARY - 15 thru 21 August 1958

TO

MCPT

FROM

MCPTA

DATE

21 August 1958

COMMENT NO. 1

WS 117L Program

Logistic Review: (UNCL)

DOWNGRADED AT 12 YEAR  
INTERVALS - NOT AUTOMATICALLY  
DECLASSIFIED

Personnel from this office visited IMSD with personnel from MCPTL. Purpose of this visit was to review the types and quantities of C & E equipment being developed and fabricated for WS 117L. As a result of this visit, it is intended that the logistic support policies will be established. It is possible that the existing IOC Logistic Plan will have to be rewritten to reflect this new thinking. The contractor's intent is to maintain the majority of this equipment at the site using a bits-and-pieces maintenance philosophy. If this concept is carried over into IOC, it is possible we will not require a large in-house depot capability for support of C & E equipment.

Operational Tracking Stations: (SECRET)

The WS 117L Program requires three operational tracking stations within the ZI. These stations are sited so that one is in the northeastern United States, one in the northwestern, and one in the central United States. The northwestern site was approved by the AFBMC earlier. A TWX has been received indicating approval by AFBMD of the northeastern site at New Boston Range, Grenier AFB, New Hampshire. With respect to the central United States location, AFBMD has indicated approval of Offutt AFB, however, ARPA approval of this station has not been granted to date.

Maintenance Support Equipment: (UNCL)

The contractor and AF Property Administrator at IMSD, with coordination and concurrence of the WDTSR engineer, are issuing supply requisitions for tracking and acquisition equipment support spares. Equipment support tables are being used as guidelines in the selection of spare items. This action should insure maintenance of equipment on a timely basis.

Vendor and Subcontractor Delinquent Shipments: (UNCL)

An examination of the contractor's method of expediting delinquent shipments from vendors' and subcontractors' plants was conducted. It was revealed that the contractor was depending entirely upon the AF Air Procurement Districts to accomplish this task except for telephonic contact with the



[REDACTED]

suppliers by the IMSD purchasing agents. The IAAPD had indicated to this office earlier that the quantity of the IMSD expedite requests were so extensive that they were having trouble programming manpower to accomplish the additional workload imposed by IMSD. A management decision was handed down by IMSD on 19 August 1958 that the contractor will immediately formulate a Vendor Liaison Office in the Los Angeles area with the object of performing all expedite contact with their vendors in this area. Other localities throughout the country will be serviced by the various Lockheed field offices. In the future, AF assistance will be requested only when the contractor is unable to get results on his own initiative.

*James S. Seay*  
JAMES S. SEAY

Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY

IN (U) only

~~CONFIDENTIAL~~  
~~SECRET~~

FILE NO.

SUBJECT

WEEKLY DIARY - 22 thru 28 August 1958

TO

MCPT

FROM

MCPTA

DATE

28 August 1958

COMMENT NO. 1

WS 117L Program

DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10

Acceptance of Annette Island Tracking Site Installation: (SECRET)

The acceptance of the Annette Island installation has been scheduled for the week of 1 September 1958. An acceptance team has been designated including WDIR, WDI, MCPTA; and the Alaskan Air Command. The team will make a trip to the site for the acceptance. At the same time, the team will visit the Kodiak tracking station site to inspect power generation requirements, and position the bore sighting tower.

C-119J Delivery: (CONFIDENTIAL)

The first C-119J aircraft modified under Project "Hot Hand" was delivered to Edwards AFB last week. The operational unit will commence training for the operational phase of this project immediately. The remaining eight C-119J aircraft are reported on schedule with respect to deliveries to the operational unit.

SM-65/117L Integrated Test Program: (SECRET)

Discussions were continued on the subject of joint usage of facilities at Cooke AFB for the 117L R & D Program. There appears to be two possible plans to follow; one to expand existing facilities to obtain the capability required for joint usage, the other being construction of a separate facility to completely separate R & D effort from operational program. Costs are being considered as a prime factor in the recommendation which will be forthcoming very soon. Action has been initiated with Convair to conduct the analytical studies and basic requirements for the 117L program.

Management Survey Team: (UNCLASSIFIED)

The team designated to make a management survey at Lockheed Missile Systems Division departed this Headquarters on schedule 24 August. Early information from the team is that the contractor had a carefully prepared presentation of all aspects of the problem from which the examination could begin.

*James S. Seay*  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY

CLASSIFICATION (If any)

FILE NO.

SUBJECT

WEEKLY DIARY - 29 August thru 4 September 1958

TO MCPT

FROM

MCPTA - *ZBJ*

DATE 4 Sep 58

COMMENT NO. 1

WS 117L Program

SM-65/117L Integrated Test Program (UNCLASSIFIED) **DOWNGRADED AT 12 YEAR**  
**DECLASSIFIED. DOD DIR 5200.10**

The report from the Ad Hoc Committee outlined the two possible alternatives in regard to facility usage at Cooke. All of the members were in favor of a separate facility for 117L R&D with the exception of SAC-MIKE. Further discussion and meeting on this subject have indicated that the decision will be made in favor of a separate facility plan. In order to have booster GSE available when required contractual authorization was given to Convair to develop design criteria for the GSE, but production was not authorized. An additional meeting will be held shortly to establish firm GSE requirements. This Division will work with WS-107A-1 division to define the most suitable method of providing the required GSE.

### Production Problem (~~SECRET~~)

A careful surveillance is currently being maintained concerning production and testing of Engineering-Magnetics inverters for use in subsystem "C." A previous tantalum capacitor shortage at Engineering-Magnetics was indicated as being the only production-delaying factor in the manufacture of inverters. Upon receipt of the capacitors a recovery schedule was established for delivery of inverters to LMSD. LMSD is also encountering inverter failures which it is believed is either an engineering or testing problem. This condition has delayed the processing of FTV-1 from Palo Alto Modification and Check-out to Santa Cruz. The LMSD internal schedule for this movement was 3 Sep 58. The Contractor and his vendors are in the process of resolving the problem. The effect of this problem will be better known after Contractor's evaluation is completed.

### Labor Dispute (UNCLASSIFIED)

An impact study has been requested from the Contractor regarding the strike now in process at the Consolidated Western Division of U. S. Steel. It is understood that LMSD has several orders placed for raw stock with the above company. A lengthy strike is not anticipated at this time but a study of the future impact which may be encountered by LMSD will permit flexible action by the Contractor on a timely basis.

### Acceptance Procedure (UNCLASSIFIED)

Action is being taken to formulate an acceptance procedure for WS 117L. This procedure will consider the booster, the WS 117L vehicle, the interface between these two, and also GSE. It is expected that a formal acceptance procedure will be drafted to provide a firm basis for contractual acceptance.

JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

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REPLACES

MAY BE USED.

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U. S. GOVERNMENT PRINTING OFFICE

# DISPOSITION FORM

SECURITY

CLASSIFICATION (If any)

FILE NO.

SUBJECT WEEKLY DIARY - 19 thru 25 September 1958

TO LBG-2

FROM LBJ

DATE 25 Sep 58

COMMENT NO. 1

WS 117L Program

R Change in Firing Schedule WS117L: (SECRET)

The schedule for the first WS117L flight is being adjusted to conform to availability of the Thor booster. The first flight was scheduled for November 1958, and the adjusted schedule now reflects an initial flight in December 1958.

Status of WS117L Airlift: (CONFIDENTIAL)

Since 25 Aug 58, to date, a total of 413,390 pounds of WS117L equipment has been airlifted from both within and outside the ZI. There remains 197,870 pounds yet unshipped, based upon the initial requirement from LMSD. The balance will be airlifted between now and late October. This represents a combined total of 611,360 pounds of equipment moved via air in a two-month period. Due to the outsized nature of the material involved most of the transportation was accomplished by MATS. Subsequent airlift will become more routine as the program progresses.

Acceptance Procedure: (UNCLASSIFIED)

A joint WSPO/AFPR/Contractor meeting held at LMSD on 19 Sep 58 resulted in an "Acceptance Procedure." It appears that all concerned are in agreement as regards the approach to the problem. It is understood that the vehicle Log Book will be used as the acceptance criteria with a subsequent summary document outlining any discrepancies which may exist. It is further understood that the WDZW acceptance chairman plans to utilize the AFQCR engineers to the maximum extent of their capability. Members of the acceptance team are presently being selected.

SCR-584/MOD II Radar Spares Support: (UNCLASSIFIED)

The necessary technical direction has been furnished Rome AFD and the requirement is understood by that activity. Procedures will be worked out in the near future. Close monitoring of this area will continue until finalization.

WS117L/Thor Test Program Support: (CONFIDENTIAL)

The BMD Field Office at Cooke AFB has advised both 315 and 117L WSPO of certain equipment shortages to support the first 117L launch. On 23 Sep DAC and LMSD sites were visited by WSPO members Majors Billick, Plummer, Rayburn, and Randall to examine actual status of these shortages. Both contractor records revealed shortages in the area of check-out gear and major components for the launch area. Expeditious action has been effected by both contractors, and approximately 85% of the shortages were in shipment, and shipping dates are available for the remainder. There is no indication that the scheduled launch date will not be met. The Cooke field office further expressed concern over Douglas supporting a two-per-month launch rate of 117L scheduled to occur in mid-59, considering the equipment presently allocated. This

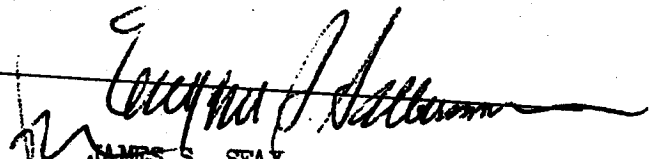
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problem is under resolution by the 315 project office.

*Follow up.*

WS 117L Data Processing System (Subsystem I): (SECRET) [REDACTED]

Ramo-Wooldridge's proposed work statement outlining the task in developing the data processing system was under review by Rome Development Center at their facility during the week of 15 September. BMD/BMC members Majors Weinberg and Billick attended. During this review two major R-W subcontractors presented their proposed version of indexing, format, and film storage using the principle of 35mm film versus glass. R-W's data processing effort generally starts upon receipt of raw data from LMSD in acceptable format for presentation through various computers for further photo processing. The delineation of LMSD's effort and R-W's processing methods has not been thoroughly resolved and will require several meetings with LMSD for further detailing. *Follow up.*

  
JAMES S. SEAY  
Lt Colonel, USAF  
Director, WS 117L

# DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

FILE NO.

SUBJECT

WEEKLY DIARY - 5 thru 11 September 1958

TO

MCPT

FROM

MCPTA

DATE

11 Sept 58

COMMENT NO. 1

WS 117L Program

Contract Definitization: (UNCL)

This Division has one letter contract, which is presently scheduled for definitization in November. The proposal will be delivered by the contractor on 15 September. Arrangements have been for ACO Analysis of Costs. It is expected that the ACO will bring in his analysis and a conference has been arranged with MCPTP for a pre-negotiation conference to work out a negotiation plan approximately 29 September for presentation to the Staff. It is therefore expected that the negotiation will take place during the first two weeks in October.

Ampex Subcontract: (UNCL)

Lockheed has been negotiating with Ampex Corporation for development of an advanced system which is to be a part of the WS 117L. These negotiations are at a stalemate due to the refusal of Ampex to accept PARO 9-14 in their subcontract as required by ASPR. A conference was held for the purpose of resolving this stalemate, and through clarifications of the actual requirement and the assurance that the Ampex proprietary information would not be required, the Ampex people agreed to present the matter again to their Executive Committee for final decision.

Acceptance Procedure: (UNCL)

This WSPO has been working on acceptance procedures for several days. Each "bird" will have an individual acceptance specification. The procedure is being developed to check out the vehicle according to these specifications. A dry run is being arranged with Lockheed which will be attended by the Acceptance Team, and the contractor will produce the data required by the specifications. Review of this data will permit the team to make a determination as to the possibilities of an acceptance by this procedure.

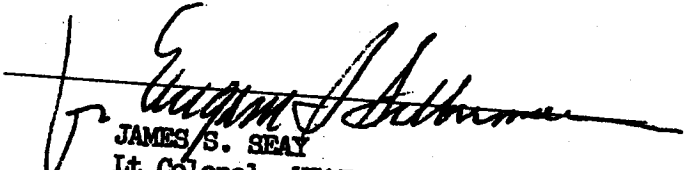
WS 117L Alaskan Tracking Stations: (UNCL)

WS117L/BMD/BMO members Major Farnum and Captain Patton visited the Alaskan tracking sites at Chiniak and Annette during the week of 1 September 1958 to examine the tracking and communications installations.

Some delays are being encountered at both sites principally from late arrival of IMSD subcontractors' equipment. There was some evidence of misunderstanding between the contractors and Alaskan Air Command units supporting these operations. Major Houghten, 117L-BMD is being assigned to the Kodiak area for 30 days TDY to serve as BMD Liaison between the contractors and the Alaskan Air Command to improve communications for better support. He will also work directly with IMSD as a WSPO representative in expediting the shipment of required equipment.

SM-65/117L Integrated Test Program --Cooke AFB: (UNCL)

WDTSR (117L office) received notice from WDTC (107A-1) by DF dated 2 September advising that provisioning of GSE and other technical functions could not be carried out to adequately support the 117L booster phase of the test program due to the already existing workload imposed on the 107A-1 personnel. This DF also notified the 117L project office that Convair has requested a "go-ahead" the first week of September to procure the long lead time material in order to have sufficient GSE in-place at Cooke AFB to meet the scheduled firings. A meeting was held with MCPTC on this matter to determine what course of action must be taken to meet Convair's demands. Colonel Seccomb suggested giving Convair a complete "go-ahead" to handle the Cooke test support program on a similar basis as Patrick. This eliminates provisioning or selection of GSE and considers the entire support as a packaged responsibility of Convair. Further meetings are scheduled during the week of 14 September to further resolve these matters.

  
JAMES S. SEAY  
Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

# DISPOSITION FORM

SECURITY CLASSIFICATION (If any) B

FILE NO.

SUBJECT WEEKLY DIARY - 12 thru 18 September 1958

TO MCPT

FROM MCPTA

DATE 18 Sep 58

COMMENT NO. 1

WS 117L ProgramContract Definitization: (UNCL)

The Contractor's proposal for definitization of L/C AF 04(647)-161 has been received. Copies have been furnished to the Financial Staff Branch and to the WSPO project engineers for evaluation. A prenegotiation conference will be held upon completion of the proposal evaluation.

SM-65/117L Integrated Test Program - Cooke AFB: (CONF)

A meeting was held on 17 Sep 58 between members of the 117L WSPO, the 107A WSPO and buyers for the associate contractors. The purpose of this meeting was to outline the procurement plan for GSE and to establish the basic ground rules for obtaining WS 107A support for WS 117L. The package procurement concept was recommended as the method of procurement to be used with Convair and associate contractors. The integrated test program would be considered completely R&D and all test program support exhibits would be used in lieu of IOC support exhibits. Some of the associate contractor buyers were not in complete agreement with this concept and the 107A program office is giving further consideration to resolution of this problem. Another unsolved question pertains to system integration at Cooke between Convair and the associate contractors. The general consensus was that Convair should be given this responsibility, similar to the existing Patrick operation.

The WS 117L program office will furnish to 107A and associates all technical and phasing information required by them to obtain the support items. It is understood that immediate action will be taken by the 107A office to authorize Convair and associate contractors to prepare a GSE Systems specification. This spec will then be reviewed and approved by the technical people. STL support in the area of spec review will be furnished through the existing contract with STL.

Additional meetings are planned in the near future to complete the working details required to support the procurement plan.

Vendor and Subcontractor Delinquent Shipment (UNCL)

The Contractor has established an expedite follow-up activity in the Los Angeles area which will be under the direction of the manager of materiel at LMSD-Van Nuys. Similar arrangements are being made to include all of his suppliers throughout CONUS. This action was required to eliminate the considerable effort which LMSD was expecting the various APDs to perform. Future expedite requests forwarded to the APD will cover only items which LMSD and the AFPR at LMSD have been unable to correct on their own initiative.

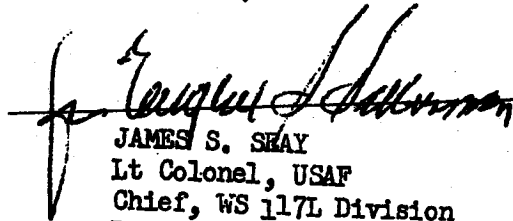


Tower Shortage List for Alaskan Site (~~SECRET~~)

All material and parts which were requisitioned from AF supply to cover build-up of the Chiniak Tower are available at LMSD and will be shipped in the immediate future.

GFP Requisitioning: (UNCL)

The AFPR/Contractor have jointly agreed that they are now prepared to perform supply requisitioning of all GFP items. It is planned to change the present procedure which for purposes of expediency required joint MCPTA/WDSM action for supply of GFP items to LMSD. Future GFP requirements will, after concurrence by WDZW, be returned to the AFPR for subsequent supply action.



JAMES S. SHAY  
Lt Colonel, USAF  
Chief, WS 117L Division  
Deputy Director/Ballistic Missiles  
Directorate/Procurement & Production

B 20

# DISPOSITION FORM

SECURITY CLASS TOP SECRET

FILE NO.

SUBJECT

WEEKLY DIARY - 26 September thru 2 October 1958

TO

LBG-2

FROM

IBJ (MCPA)

DATE

2 Oct 58

COMMENT NO. 1

WS 117L Program

Sentry Development Plan and FY 59 Budget and FY 60 Financial Plan: (UNCL)

DOWNGRADED AT 12 YEAR INTERVALS; NOT AUTOMATICALLY DECLASSIFIED. DOD DIR 5200.10

The current revision to the Sentry Development Plan was recently submitted to USAF and ARPA. The reaction of the Air Staff to this document was entirely favorable. However, the document was not approved by ARPA for the reason that the fund requirements set forth in the Development Plan exceed the amounts which ARPA considers to be realistic. ARPA has established an Ad Hoc Project Group for the purpose of evaluating and recommending a suitable Sentry Program and Follow-on Program. This group is presently on TDY at this Headquarters for an indefinite period to coordinate on the technical objectives, launching schedules, and future cost levels of the program.

Definitization of L/C AF 04(647)-181: (UNCL)

The contractor's proposal for definitization of this letter contract has received a preliminary review. It was noted that a number of areas of cost require further information in order to make a complete analysis of the proposal. These additional requirements were forwarded to the contractor and he is preparing the necessary additional data. It is anticipated that negotiation will commence late in October, and that complete definitization will be accomplished approximately on schedule, e.g., 30 November 1958.

SAC's Preliminary Operational Plan: (SECRET)

SAC's Ops Plan Nr 5-58, dated August 1958, for the WS 117L was approved by Hq USAF during the week of 15 September 1958. SAC-MIKE groups are presently reviewing this plan and correcting it to reflect up-to-date information compatible with the 15 September Development Plan which has been reviewed by the Ballistic Missiles Committee. The significant difference between the Ops Plan and the Development Plan is the operational activation date of 1 January 1961 as SAC proposes and the November 1961 date cited in the Development Plan. A complete review of the revised plan is tentatively scheduled to be conducted on 16 October 1958.

WS 117L Funding: (UNCL)

The budget for the FY 59 budget for WS 117L has not been approved to date. However, funds have been provided to fund Contract AF 04(647)-97 and Letter Contract AF 04(647)-181 through the 2nd Quarter of FY 59.

58LBJ-926

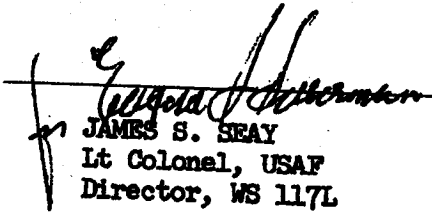
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[REDACTED]

[REDACTED]

Impact Study - Potential General Electric Strike: (UNCL)

An advanced impact study has been conducted by the contractor regarding the pending GE strike. The affected equipment concerns Subsystem "L" and supporting hardware for WS 117L. No impact is anticipated by the contractor inasmuch as the subcontract is placed with the GE Missile and Ordnance Systems Plant, Philadelphia, Pennsylvania which is not a union shop and no union activity is expected.

  
JAMES S. SEAY  
Lt Colonel, USAF  
Director, WS 117L

~~CONFIDENTIAL~~

# DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

FILE NO.

SUBJECT

WEEKLY DIARY - 3 thru 9 October 1958

TO

LBG-2

FROM

LBJ

DATE

9 October 1958

COMMENT NO. 1

WS 117L Program

3 "Make or Buy" Policy: (UNCL)

DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED DOD DIR 5200.10

A conference has been scheduled on a management level with Lockheed Aircraft Corporation to outline a "Make or Buy" policy which would implement and carry out the objectives of the Air Force in this area. This meeting is scheduled for 10 October. The results of the meeting should provide a basis for negotiation of appropriate clauses to accomplish the desired end.

Definitization of L/C AF 04(647)-181: (UNCL)

The proposal for definitization of this letter contract is still in process of analysis. It becomes obvious that the data submitted in the proposal is not sufficiently adequate to permit a thorough evaluation, and Lockheed has been requested to furnish the additional data. They have indicated a willingness to comply with this request but indicated that it would take time to prepare. All possible efforts are being made to obtain the data. However, it is possible that the present schedule of complete definitization by 30 November may slip one additional month.

Fiscal Year 1959 Budget: (SECRET)

The fund utilization program for FY 59 has not been firmly established to date. This fact becomes increasingly important as the fiscal year advances. The contracts have been funded through the second quarter FY 59. The source of difficulty is the necessity to accomplish the program's objectives within a fund ceiling established by ARPA without slowing down items that could only be accelerated later at excessive cost. An example of this problem is the recommendation to eliminate five Patrick flights under the existing development plan; with the probability of reinstating them shortly in connection with an acceleration of Subsystem "G" which is now under consideration by ARPA and USAF.

"Red Flag" Schedule Slippage: (SECRET)

This Headquarters received a "Red Flag" message from IMSD regarding schedule slippage of certain equipment for use at tracking stations. This slippage does not affect the firing schedule but will compress the time allotted to checkout of the ground stations. The supplier of the equipment is Milgo

58LBJ-931

DD FORM 1 FEB 58 96

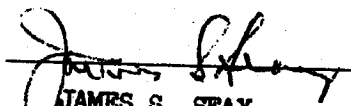
REPLACES NME FORM 88, 1 OCT 56, WHICH MAY BE USED.

[REDACTED]

Corporation, Miami, Florida, a second-tier subcontractor to Philco Corporation. Recovery schedules were presented by IMSD after discussion with Milgo and Philco which are designed to prevent further delivery slippages. IMSD considered this item a "Red Flag" information item which would require no Air Force action. This procedure does not conform to directives for use of "Red Flag" reports and Lockheed will be advised of the correct procedure.

WS 117L/SM-65 Integrated Test Program: (UNCL)

A detailed work statement defining the 117L/SM-65 integrated test program at Vandenberg AFB was drafted and submitted to the WS 107A-1 office 7 October 1958. This plan designates Convair as the test conductor and IMSD as the test director. Maintenance support, GSE, and test instrumentation related to the SM-65 missile and general complex management has been delegated to Convair, and 117L operation, support and GSE to be IMSD's responsibility. Existing SAC/EMD Vandenberg base agreements governing utilities, facilities, and general housekeeping apply to this program. The proposed task extends through the period of FY 60, and is compatible with the WS 107A-1 buying plan for SM-65 missiles. The detailed tasks and responsibilities outlined in this work statement were drafted jointly by 117L/107A-1 project members. This is the first major step taken to further definitize the authority given Convair on 23 September to proceed with the 117L/SM-65 test program at Vandenberg AFB.

  
JAMES S. SEAY  
Lt Colonel, USAF  
Director, WS 117L

# DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

FILE NO.

SUBJECT

WEEKLY DIARY - 10 thru 16 October 1958

TO

LBG-2

FROM

LBJ

DATE 16 Oct 58

COMMENT NO. 1

WS 117L ProgramDefinitization of L/C AF 04(647)-181

The analysis of costs on the definitive proposal for this contract is practically complete. The pre-negotiation review is tentatively scheduled for 24 October and negotiation will commence 27 October.

Rescheduling of Program I, Atlas Boosted Launches: (SECRET)

Action has been taken to discontinue production activities connected with the originally scheduled five Atlas boosted launches from Patrick. Final decision in this matter will depend on directives connected with the so-called "Super G" program now contemplated by USAF. If this additional program is approved, the Patrick flights will be required, and will be reinstated. It is expected that the price adjustment resulting from the development of this activity will be included in the above-mentioned definitization of L/C AF-181.

WS 117L Site Activation Schedules: (UNCL)

The contractor recently was requested to supply internal scheduling information on all pieces of major equipment required for the T/A sites. This information was to include shipping dates, installation and checkout periods, and functional checkout period. The information then, in turn, was transposed to a master IMSD activation schedule showing deadline requirement dates. As a result of this exercise, it was disclosed that a schedule delinquency did exist in some equipment provided by Milgo Corporation at Miami, Florida. This delinquency, however, is an average of one week to ten days on portions only of the Data Transmission Van. It is possible that the schedule can be recovered during the installation and checkout phase. Also IMSD is investigating the possibility of completing station functional checkout without the delinquent equipment.

General Motors Strike Impact on WS 117L (Sentry): (UNCL)

Several studies are being conducted to evaluate the impact of the General Motors strike on this program. Certifications of Urgency in accordance with FOI 84-2 are being forwarded to LBRM requesting Air Force assistance for removal of urgently required equipment from strike-bound General Motors plants. Close surveillance of this condition will be maintained.

JAMES S. SEAY  
Lt Colonel, USAF  
Director, WS 117L

58LBJ-935

DD FORM 1 FFR 84 96

REPLACES NME FORM 86, 1 OCT 48, WHICH MAY BE USED.

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SECURITY CLASS. (U) (and)

# DISPOSITION FORM

FILE NO.

SUBJECT

WEEKLY DIARY - 17 thru 23 October 1958

TO

LBG-2

FROM

LBJ

DATE

23 October 58

COMMENT NO. 1

WS 117L Program

DOWNGRADED AT 12 YEAR  
INTERVALS: NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.107  
(UNCL)

Definitization of L/C AF 04(647)-181: (UNCL)

The WSFO has been making a concentrated effort to complete evaluation of the proposed definitive work statement and cost proposal submitted by Lockheed for definitization of L/C AF-181. The negotiation is scheduled to commence 0900, 27 October, and it is estimated it will take approximately three weeks to complete. This action will accomplish complete definitization of the referenced letter contract.

Indemnification of Contractor for Unusually Hazardous Risks: (UNCL)

The contractor requested that contractual provisions be made to indemnify him for certain unusually hazardous risks incurred in connection with the Sentry Program. This matter was submitted through MCPC to Hq USAF. The request was approved by means of a memorandum from Mr. Sharp to DCS/M/PP. It is proposed to include this clause in the forthcoming definitive negotiation.

Report Requirement - Exhibit AFEM 58-1: (UNCL)

At present the reports exhibit for WS 117L deviates from Exhibit WDT-56-1. It is contemplated to utilize AFEM Exhibit 58-1 when the exhibit is approved by the Bureau of the Budget. The cost for reports is a significant item to this program and it is proposed to review the reports requirement at time of inclusion of the new reports Exhibit AFEM 58-1.

General Motors Strike Impact on WS 117L: (UNCL)

A management-union settlement has been affected this week in the various General Motors Divisions which were potential delay factors on the WS 117L program. Production has been resumed and expedite effort is being applied on items of purchase orders which were delinquent due to the strike. In two instances, equipment was complete and ready for shipment at the time of the work stoppage. This equipment has now been shipped to destination. No serious overall impact is evident at this time. Close surveillance is being maintained to insure against program delays.

157 Acceptance of #1 FTV: (SECRET)

Acceptance of the Nr 1 Flight Test Vehicle has been delayed. The problems being encountered have been both mechanical and electrical discrepancies which are being corrected. The acceptance team is presently on a stand-by basis.

Cancellation of Program I at AFMTC: (SECRET) DSD

✓ Lockheed Aircraft Corporation and the WS 107A program office were advised that the flight schedule for Program I at AFMTC had been cancelled. Action is being taken by this office to request funding in the amount of \$1.84M which will permit the "Super G" program to continue for an interim period. All efforts expended in support of Program I will be realigned so as to make it consistent with the 1 September 1959 firing schedule for the "Super G" program. Funding information regarding the costs expended to date in support of Program I is being obtained from both Lockheed and Convair. Also an investigation is being made to determine possible termination costs if the "Super G" program does not receive complete approval.

*J. S. Seay*  
JAMES S. SEAY  
Lt Colonel, USAF  
Director, WS 117L

DOWNGRADED AT 12 YEAR  
INTERVALS; NO AUTOMATICALLY  
DECLASSIFIED ON DRS 5200.10



# DISPOSITION FORM

SECURITY CLASS [REDACTED]

FILE NO.

SUBJECT

WEEKLY DIARY - 24 thru 30 October 1958

TO

IBG-1

FROM

IBJ

DATE

30 October 58

COMMENT NO. 1

WS 117L ProgramDOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10Definitization of L/C AF 04(647)-181: (UNCL)

The negotiation for definitization of L/C AF-181 commenced 27 October 1958. The current schedule is for completion of the contract negotiation on 7 November 1958.

Acceptance of Vehicle 1019: (SECRET) b5 d

The first flight test vehicle #1019 completed a successful flight readiness firing on 27 October 1958. The Acceptance Team plans to complete acceptance on 31 October 1958. The second flight test vehicle has completed modification and checkout and is being programmed to start FRF during the week beginning 3 November 1958.

Contract AF 04(647)-97, TGSE and Spares Control (WDT Exhibit 57-29): (U)

BMD and EMC project personnel convened with IMSD logistic groups to discuss details of WDT Exhibit 57-29 (TGSE and Spares Control). During this discussion, the contractor presented various forms of control of GSE and spares within the design groups, however, he was not specific in outlining a central control function which is responsible for consolidating all GSE and spares data. In light of this undesirable condition, the contractor proposes that a plan will be drafted outlining specific groups which will be responsible for consolidating test GSE's and spares information into a desirable format generally in line with Exhibit 57-29. It is tentatively scheduled that this plan will be available for Air Force review no later than 24 November with the submission of a preliminary Figure "A" format shortly thereafter.

Status of Milgo Corporation Subcontract: (SECRET) b5 d


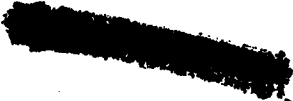
Personnel from the Production and Programming Division of this office visited the Milgo Corporation to investigate the status of the work they are doing on the 117L program under subcontract to Philco Corporation. This contractor is approximately 45 days behind schedule with the impact of this delinquency jeopardizing the operational readiness of the various launch and tracking and acquisition sites which utilize the equipment. It is estimated that equipment will be available to outfit three sites --Vandenberg, Mugu and Chiniak, Alaska --by the scheduled flight date of 6 December. It appears that Lockheed and Philco Corporations are now utilizing every available means to expedite and assist Milgo in delivering this equipment and to

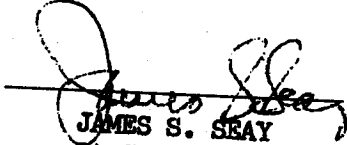
58IBJ-941

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REPLACES NINE FORM 96, 1 OCT 48, WHICH IS OBSOLETE

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minimize the effect on the operational readiness of the sites. Personnel from Lockheed and Philco who will install, maintain and operate this equipment at the sites have visited Milgo to familiarize themselves with the equipment, its operation, and maintenance requirements.

  
JAMES S. SEAY  
Lt Colonel, USAF  
Director, WS 117L

# DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

FILE NO.

SUBJECT WEEKLY DIARY - 31 October thru 6 November 1958

TO LBG-1

FROM LBJ

DATE 6 November 1958 COMMENT NO. 1

WS 117L Program

Acceptance of Sentry Vehicle XRM-81 Serial Number 59-2539: (SECRET)

Acceptance and subsequent shipment from IMSD to Vandenberg AFB of the first flight test "Sentry" vehicle was accomplished on 31 Oct 58. Since the first SM-75 "Sentry" booster is also at Vandenberg, joint preparations for firing are under way. Installation of tracking and acquisition equipment at the various sites is being closely monitored to insure schedule compatibility with the firing date.

WS 117L/107A-1 Integrated Test Program: (UNCLASSIFIED)

Convair personnel reconvened with the 117L/107A-1 project personnel on 3 Nov 58 to further discuss the details of the proposed work statement covering the test program at Vandenberg AFB. Major issues discussed were in the area of responsibilities between Convair, 107A-1 associates (i.e. Rocketdyne, GE, Burroughs), and Lockheed during the period of installation and check-out of the launch pad and blockhouse. Basic agreements reached at this meeting outline Convair as being responsible for over-all program schedules, complex management, and launch count-down. IMSD is considered as test director of the 117L, and a designated AFEMD liaison member as final test controller. GSE spares and technical services for associate contractor equipment would be procured by the AF and furnished as GFP to Convair. Convair convened with IMSD on 5 Nov to finalize the test plan and establish working procedures for the Vandenberg test program.

Expedited Procurement: (SECRET)

To obtain weather information required to accomplish the recovery phase of the "Sentry" program it has been determined necessary to procure the modification of AN/AMR-1 radiosondes and receptors. Action is being taken to expedite this procurement through IME, HQ AMC, since the engineering package (which will require special liaison to accomplish the required modification) is being furnished by the Air Reconnaissance Laboratory, WADC. Obligation authority to transfer funds to HQ AMC to accomplish this project is being processed by AFEMD.

DOWNGRADED AT 12 YEAR  
INTERVALS: NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10

*James S. Seay*  
JAMES S. SEAY  
Lt Colonel, USAF  
Director, WS 117L

# DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

FILE NO.

SUBJECT

WEEKLY DIARY - 7 thru 13 November 1958

TO

LBG-1

FROM

LBJ

DATE

13 Nov 58

COMMENT NO. 1

WS 117L Program

Definitization of L/C AF 04(647)-181: (UNCL)

Negotiations with the contractor have been under way since 27 October toward definitization of L/C AF-181. It is anticipated that negotiations will be completed during the week of 17 thru 21 November.

Philco Corporation Meeting: (UNCL)

A meeting was held in the Vice Commander's office on 10 November with representatives from Philco Corporation who are subcontractors to Lockheed Aircraft Corporation for the Ground-Space Communications. The purpose of the meeting was to discuss problem areas encountered by Philco, along with their proposal for resolution.

Master Weapon Systems Phasing Chart: (UNCL)

The Systems Integration Division of this Directorate has prepared the first working issue of the 117L Master Weapons System Phasing Chart. This chart represents the best estimates of the WSFO as to what will be required to assure proper program phasing. It is intended to contact the functional agencies to obtain their coordination and comments on the line item which they have been indicated as being the action agency. This coordination will be accomplished prior to issuing the first reproducible copies for official review and comments.

"Super G" Program: (CONF)

Action has been taken to provide for the "Super G" (Infrared) program. It is planned to utilize an Atlas booster launch at AFMTC.

DOWNGRADED AT 12 YEAR  
INTERVALS; NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10

*James S. Gray*  
JAMES S. GRAY  
Lt Colonel, USAF  
Director, WS 117L

581BJ-7137

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REPLACES NME FORM 86, 1 OCT 46, WHICH MAY BE USED.

# DISPOSITION FORM

SECURITY CLASSIFICATION (if any)



FILE NO.

SUBJECT

WEEKLY DIARY - 14 thru 20 November 1958

TO

LBG-1

FROM

LBJ

DATE

20 Nov 58

COMMENT NO. 1

WS 117L Program

Master Weapon Systems Phasing Chart: (UNCL)

DOWNGRADED AT 12 YEAR  
INTERVALS: NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10

Representatives from this office are attending a meeting at Sacramento Air Materiel Area for the purpose of discussing Weapon System Phasing Chart milestones for the WS 117L.

GAO Audit: (UNCL)

Mr. Loe of the General Accounting Office, San Francisco Region, is currently making an inquiry into the Sentry Program operations. Areas being reviewed, in particular, are the Sentry contract and negotiation file.

Expedite Procurement: —(SECRET)

A procurement schedule has been established for modification of the AN/AMR-1 radiosondes and receptors. This modification is for obtaining weather information during the "Sentry" recovery program. Procurement is being negotiated by Hq AMC (IMEC). Hq Air Weather Service requires modification of the above equipment on or before 29 December 1958 in order to meet aircraft flight objectives of 5 and 6 January 1959. Procurement negotiations are progressing with a forecasted target completion of 19 November 1958 for the letter contract and final definitization of the contract by 29 December 1958.

*James S. Seay*

JAMES S. SEAY  
Lt Colonel, USAF  
Director, WS 117L

~~CONFIDENTIAL~~



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# DISPOSITION FORM

SECURITY C FICATION (If any)

FILE NO.

SUBJECT

WEEKLY DIARY - 21 thru 28 November 1958

TO

IBG-1

FROM

IBJ

DATE 28 Nov 58

COMMENT NO. 1

WS 117L Program

DOWNGRADED AT 12 YEAR  
INTERVALS: NOT AUTOMATICALLY  
DECLASSIFIED. DOD DIR 5200.10

Definitization of Letter Contract AF 04(647)-181: (UNCL)

Negotiations for definitization of this letter contract have been actively in process for several days. It is anticipated that agreements will be arrived at within the next 10 days, and that complete definitization will be accomplished before the end of the year.

Master Weapon System Phasing Chart: (UNCL)

The Systems Integration Division of this Directorate met with members of the Sacramento AMA on the above subject. The purpose of this meeting was to review the logistic milestones that had been assigned to SMAMA as the responsible action agency.

This review resulted in changes to a few of the milestone requirement dates and rewriting some events. However, in general, the programmed events, as presented, were compatible to the requirements and capabilities of the LSM.

Acceptance of Sentry Vehicle XRM-81, Serial Nr 59-2540: (SECRET)

Acceptance and subsequent shipment from IMSD to Vandenberg AFB of the second flight test "Sentry" vehicle was accomplished on 26 November 1958. The second SM-75 "Sentry" booster is available at Vandenberg AFB. Pre-launch activity in preparation for the No. 2 Sentry flight with this vehicle is now under way.

Delay in the First Launching: (SECRET)

The delay in the launching of the first satellite has occurred due to problems encountered in the launch tower. During erection of the booster, it was noticed that one of the legs of the operational launch stand was bent. A fix has been made. However, the delay in the first firing will occur. The extent of the delay is currently under study by the project office. However, it appears that the time involved will be approximately one week to 10 days.

JAMES S. SEAY  
Lt Colonel, USAF  
Director, WS 117L

DD FORM 96  
1 FEB 50

REPLACES NME FORM 86, 1 OCT 48, WHICH MAY BE USED

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