

HEADQUARTERS
AMC BALLISTIC MISSILES CENTER
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California

REPLY TO
ATTN OF LBJ/2712

SUBJECT: Weekly Diary, 14 August - 20 August 1959

TO: LBG

Satellite Systems Program

DOWNGRADED AT 12 YEAR
INTE VA S; M; O A ICALLY
DECLASSIFIED 300 D/R 5200.10

1. MIDAS Approval: ~~(SECRET)~~

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TWX directive from ARPA states that MIDAS Phase II is approved for six additional shots. FY 60 funds have also been approved to cover both Phases I and II, although the amount is not quite adequate to do all that should be done. Phase III is not approved at this time, and efforts in this connection are limited to planning and studies only. Facilities required to protect necessary lead time may be authorized subject to individual justification and review.

The above directive requires immediate implementation and a reorientation of the present effort. This action will not be too difficult, since the program is on letter contract and costs have not been negotiated.

2. TGSE Cost Review: (UNCL)

Recently, members of this office conducted a review of fabrication and assembly costs of TGSE required on the next contract period. As a follow-on to this, a review of development TGSE cost was conducted by a team consisting of a member from this office and the responsible personnel from WDZT. The major questionable area revealed during this review was the apparent over-estimate of support requirement for the prime TGSE development department. The contractor will re-evaluate this area in an attempt to justify his existing estimate or present a revised estimate.

3. Acceptance of Discoverer Flight Test Vehicle No. 1054: ~~(SECRET)~~

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The twelfth Discoverer Flight Test Vehicle, No. 1054, was accepted by the Air Force Acceptance Team on 14 August 1959. This vehicle is tentatively scheduled for launch from Vandenberg AFB in October.

4. Overtime Utilization on Satellite System Programs: (UNCL)

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The rate of overtime utilized by Lockheed Missiles and Space Division on the satellite system programs for July 1959 was 10.1%, as compared to 15.4% for June 1959. Forecasted rates for the next three months are as follows: August, 13.5%; September, 10%; October, 8%.

59LBJ-3963

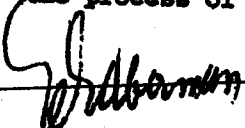
[REDACTED] [REDACTED]

5. Review of LMSB Master Scheduling and Change Control Procedures: (UNCL)

A joint BMD-BMC committee conducted a review of the LMSB master scheduling and change control procedures during the period 17-19 Aug 59. The general findings of this committee were that the contractor had instituted working procedures and, with minor refinements which are being incorporated as experience is gained, has corrected the condition reported by the Management Survey Team during their investigations of 25-29 Aug 58 and 20-22 Apr 59. The contractor's procedures in these areas are considered adequate and no further action is required outside of normal WSFO and AFPR surveillance of the contractor's operation.

6. Strike at Imperial Electric Co., Akron, Ohio: (UNCL)

Information received by BMD from ARPA and subsequently coordinated with BMC indicates that a strike is in progress at the Imperial Electric Co., Akron, Ohio. This supplier is manufacturing electric motors and other electric components in support of the Ft. Arguello launch complex construction under Navy Bureau of Yards and Docks Contract NBY-19453. ARPA requested AF certification that satellite launch schedules from this complex were of such urgency that it would necessitate the Navy processing certificates of removal of equipment from a strike bound plant in order to maintain overall program schedules. It is understood that the BMD satellite project office is now in the process of coordinating and confirming this necessary certification.


JAMES S. SEAY
Lt Colonel, USAF
Director, Satellite Systems

cc: IBL, LBP, LBR

[REDACTED]

59LBJ-3963

[REDACTED]

HEADQUARTERS
AMC BALLISTIC MISSILES CENTER
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California

REPLY TO
ATTN OF: LBJ/2712

13 August 1959

SUBJECT: Weekly Diary, 7 August - 13 August 1959

TO: LBG

DOWNGRADED AT 12 YEAR
INTE VA'S...
DECLASSIFIED...
1000.10

Satellite Systems Program

1. Additional Facility Requirements at Santa Cruz: ~~(SECRET)~~

S A message was prepared for Colonel Evan's signature and sent to Hq USAF 11 August 1959 again requesting procurement authorization to expand the capability of the Santa Cruz Test Facility. Lockheed's present test capability will be totally saturated by DISCOVERER and SENTRY programs alone by July 1960. Additional facilities will be required for MIDAS programs and the communications satellite by 1 July 1960.

2. Application of Exhibit MCP 71-673 to SENTRY contract: (UNCL)

S On 5 August 1959 a meeting was held at SBAMA with representatives of LSM (SBAMA), WSM (SBAMA) and BMC attending. Purpose of meeting was to discuss application of Exhibit MCP 71-673 to proposed SENTRY contract. Although a draft of a new spares exhibit has been written by SBAMA, it was concluded that time would not permit its use as command coordination and approval is necessary. Therefore, MCP 71-673 would be used in its present form and later amended to obtain requirements to meet IOC II conditions.

3. Review of Logistics Exhibits: (UNCL)

A meeting was held at TRW 10-12 August 1959 for the purpose of discussing the details of all of the logistics exhibits that had been presented to the contractor for his review as the result of the Subsystem I Logistics Conference. Purpose of this meeting was to clarify and/or answer any questions the contractor may have had and to assist him in the preparation of a reasonable effort in support of these exhibits. The LSM, in conjunction with BMC staff and BMD personnel, provided personnel to discuss specific exhibit application. In addition, the LSM presented the contractor with an orientation of AMC cataloguing and of an identification procedure. It is intended that as a result of this meeting the contractor will be in a position to present his interpretation and his comments regarding the application of these exhibits in order that they may be considered for incorporation into a contract to be negotiated sometime in September or October.

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[REDACTED]

[REDACTED]

4. Subsystem I: ~~(SECRET)~~

AFBMD is currently reviewing Subsystem I program for the purpose of determining the impact that the installation of equipment scheduled for installation in DSL at Denver would have on the program if it were to be installed at the Intelligence Processing Center (IPC). This consideration is based on the fact that the Air Force is interested in utilizing what data this equipment might produce as early as possible by an Air Force activity. A brief meeting with Subsystem I BMD personnel indicated that there was a certain amount of acceleration in the R&D program, however, at this time it in no way changes dates for planned AMC support of the program.

5. MIDAS Approval: ~~(CONF)~~

5 The MIDAS Development Plan is arranged so that the work is performed in phases which lead from R&D through to ultimate operation. To date ARPA has approved only Phase I. A GOR is in effect which establishes certain launch schedules, which cannot be met unless additional approval is obtained, together with the funds that pertain thereto. This dilemma has been under discussion between the Air Force and ARPA. During a recent presentation through Dr. York he recommended different conceptual approach which would eliminate the phased steps, instead the program would be divided into an R&D program and an operational program. With this changed approach the indication was that funds would be provided for FY-60. Although, no formal approval has been obtained, it is the opinion that this plan will result in approval.

6. 2nd Stage Communication Satellite: ~~(CONF)~~

The Buyer has been conducting conferences with BMD concerning a simplification of the 2nd stage communication satellite work statement. The purpose of these discussions is to utilize the AGENA vehicle with a minimum of modification to adapt it to communication satellite missions.

7. 6594th Test Wing: (UNCL)

5 Some difficulty is being experienced in providing space for the Wing. This difficulty pertains largely to the administrative elements of the Wing, since provisions are adequate for the operational elements. Consideration is being given to space in Lockheed buildings, but such space is extremely scarce. Consideration is also being given to leasing of a building in the vicinity of Sunnyvale for this purpose. The ultimate

[REDACTED] [REDACTED]

decision in this matter will affect the type of funds required. The critical aspect of this problem is that quarters must be provided before the end of CY-59.

James S. Seay

JAMES S. SEAY
Lt Colonel, USAF
Director, Satellite Systems

cc: LBL, LBP, LBR

HEADQUARTERS
AMC BALLISTIC MISSILES CENTER
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California

REPLY TO
ATTN OF: LBJ/2712

6 August 1959

SUBJECT: Weekly Diary, 31 July-6 August 1959

TO: LBG

Satellite Systems Program

DOWNGRADED AT 12 YEAR
INTERVALS AUTOMATICALLY
DECLASSIFIED ON 03-05-2000

1. Visit of Maj Gen Senter to LMSD: (UNCL)

A representative of this office accompanied Maj Gen Senter in his visit to the LMSD facility on 5 August 1959. A resumé of the satellite systems program was given to Gen Senter, as well as a tour of the facility. Gen Senter's primary concern which he expressed to Lockheed was the need for all contractors to ensure that their purchasing and subcontracting procedures were of the highest order.

2. Follow-on Program: (UNCL)

A meeting was held on 6 August 1959 with representatives from the AFPRO, contractor and AFEMD, relative to a number of problems related to the follow-on program. It has been proposed by the contractor that the cost proposal be resubmitted due to the number of changes that have occurred subsequent to its submittal.

3. Acceptance of Discoverer Flight Test Vehicle No. 1052: (SECRET)

The eleventh Discoverer Flight Test Vehicle, No. 1052, was accepted by the Air Force Acceptance Team on 3 August 1959. This vehicle is tentatively scheduled for launch from Vandenberg AFB in September 1959.

4. R&D Spares Support: (UNCL)

Spares support for the follow-on contract period will be procured on a six month basis rather than the full 18 month package. It is intended that the contractor will submit a representative priced list outlining his requirement for the six (6) months period. The list will be reviewed and used as the justification for the spares cost. Changes to the list necessitated by equipment changes will not require contractual action.

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D
The contractors facility at VAFB was reviewed to obtain an estimate of spares dollar value on the shelves. It was felt that this site would be indicative of all locations as approximately 35% of the total spares effort is required in support of VAFB. Physical inventories are in the process of being accomplished and it is expected that the results will be instrumental in determining the follow-on requirements.

James S. Seay
JAMES S. SEAY
Lt Colonel, USAF
Director, Satellite Systems

cc: LBL, LBP, LBR

HEADQUARTERS
AMC BALLISTIC MISSILES CENTER
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California

REPLY TO
ATTN OF: IBJ/2712

30 July 1959

SUBJECT: Weekly Diary - 24/30 July 1959

TO: IBG

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

Satellite Systems Program

1. Communications Satellite Work Statement: ~~(SECRET)~~

A preliminary work statement has been received for the second stage of the Communications Satellite. This office is working with the Directorate of Communications, WDCSC, with respect to the details before sending the subject work statement to IMSD for a proposal.

2. FY-60 Financial Plan/FY-61 Budget Estimate: ~~(SECRET)~~

Presentations were made to the Weapons Board, Air Council, and the ARPA at Headquarters USAF during the week of 20 July 1959. Two elements of the financial plan were not approved and, as such, formal approval of the FY-60 Financial Plan has not been received. The two elements in question are the Sentry recovery capsule and Phase II of MIDAS.

3. TGSE Cost Review: (UNCL)


Recently members of this office visited the contractor to review the fabrication and assembly costs for Test GSE required during the next contract period. The areas covered included both the subcontract and in-house efforts. A sampling of approximately 21 items was used to determine the adequacy of the contractor's method of estimating. At least 90% of the items sampled appeared to be anywhere from 25 to 100% high. In a few cases the estimate could be considered even higher. In addition to the apparent over-estimating, mistakes in the cost proposal figures were detected. This review was considered to be very rewarding and will undoubtedly result in a reduction to the fabrication and assembly costs for TGSE.

[REDACTED]

[REDACTED]

5. GFP Requirements for Contract AFO4(647)-347: (UNCL)

This Directorate is in the process of compiling a master GFP listing in support of the above contract. This listing will consist of items previously furnished under Exhibit 57-21A of Contract AFO4(647)-97 and also new items which are required for Contract -347. This revised listing will be negotiated during the forthcoming -347 contract negotiations and will result in an exhibit to the contract.


JAMES S. SEAY
Lt Colonel, USAF
Director of Satellite
Systems

cc: IBL, LBP, LBR

[REDACTED]

HEADQUARTERS
AMC BALLISTIC MISSILES CENTER
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California

[REDACTED]

REPLY TO
ATTN OF: LBJ/2712

23 July 1959

SUBJECT: Weekly Diary - 17-23 July 1959

TO: LEG

Satellite Systems Program

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

1. SENTRY, MIDAS Guidance: ~~(SECRET)~~

Action is being taken by WDWZ to provide MOD III guidance for all launches from VAFB as soon as possible after 1 January 1960. This requires BMD to take necessary action to obtain MOD III ground equipment from Hancock Field and the tracking antenna from Air Training Command (ATC) at Keesler AFB. It is anticipated that this equipment, plus some new components to complete the system can be made available to VAFB by October 1960. This action, coupled with appropriate action for site selection, equipment installation, etc., could provide this program with an operational MOD III guidance system as early as March 1961, but more assuredly around June 1961. The impact of providing MOD III guidance for this program as early as June 1961 will negate consideration for logistical support MOD II guidance in support of this program after this date as previously planned.

2. Impact Study - Steel Strike: (UNCL)

LMSD has submitted an impact study regarding the effect of the steel strike on satellite system programs being processed at the Lockheed facility at Sunnyvale. Indications are that very little or no impact will be evident during a strike of 90 days duration or less. Close surveillance of the impact if the strike should continue and subsequent reports will be furnished as applicable.

3. Acceptance of Discoverer Flight Test Vehicle #1050: ~~(SECRET)~~

The tenth Discoverer Flight Test Vehicle, No. 1050, was accepted by the AF Acceptance Team on 21 July 1959. The firing schedule for this vehicle is undetermined at this time due to certain technical factors which are requiring firing schedule reorientation.

4. System Design Review: (UNCL)

The contractor, together with BMD, has been planning to hold a System Design Review, particularly of the DISCOVERER program. If the objectives of this review are to be accomplished, the review should be held at an early date. However, there was some question in BMD as to the nature of this display, and contractor was asked to defer further activities in connection with it.

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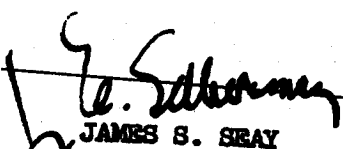
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[REDACTED]

It now appears that the difficulties have been resolved and the contractor will be asked to proceed shortly. This review is considered an additional requirement to their letter contract, and upon receipt of the work statement, an appropriate amendment will be written to L/C AFO4(647)-347.

5. Satellite Systems Control and Communications (Subsystem "E"): (UNCL)

For sometime there has been concern about the contractor's approach to Subsystem "E". This area of the program is complex and involves a considerable sum of money. The contractor has not furnished a detailed plan to show how he intends to handle this problem and his method of integration of these functions. In view of the fact that definitive negotiations are impending, it is considered essential that this portion of the contract be thoroughly understood by all parties. It was, therefore, necessary to request that the contractor suspend award of the subcontracts and fabrication of hardware until a fully integrated plan has been reviewed by BMD. Contractor is now working on this plan, and it is hoped that the matter can be resolved without jeopardy to the program schedules.


JAMES S. SEAY
Lt Colonel, USAF
Director, Satellite Systems

cc: LEP, LER, LEL

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**HEADQUARTERS
AMC BALLISTIC MISSILES CENTER
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California**

REPLY TO
ATTN OF:

LBJ/2712

16 July 1959

SUBJECT:

Weekly Diary - 10-16 July 1959

TO:

LBG

Satellite Systems

1. Overtime Utilization on Satellite System Programs: (UNCL) DSD

D
The rate of overtime utilized by Lockheed Missiles and Space Division on the satellite system programs for June 1959 was 15.4%, as compared to 14.0% for May. LMSD is aiming at reducing this percentage figure to 14.6% in July.

2. Impact Study - Steel Strike: (UNCL)

LMSD has been requested to submit an impact study by 16 July 1959 regarding the general steel strike which is now in progress. Earlier conversations with the contractor indicate very little impact is anticipated on an immediate basis. Subsequent information will be supplied as it becomes available.

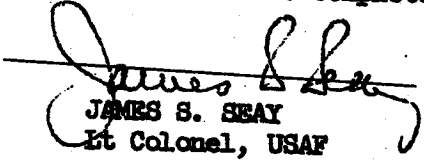
3. Development Control Center Equipment Requirements: (UNCL)

BMD/BMC project personnel convened with Lockheed 13 and 14 July 1959 for purposes of reviewing the details of the DCC equipment requirements. The initial list submitted by LMSD contained equipment in the following categories: maintenance and test equipment, office and administrative support equipment, and utility and installation equipment. At this meeting it was generally concluded that test and maintenance equipment support will be considered under the LMSD contracted test effort, general utilities will be incorporated in the installations and the final office and administrative support requirements will be handled under GFP. Project office is presently in the process of establishing the procedures in obtaining the GFP requirements.

4. Oscillation Testing of Second Stage Vehicle at DAC: (UNCL)

LMSD is preparing a second stage satellite vehicle for subsequent oscillation testing by Douglas Aircraft Corporation at the Santa Monica plant. The vehicle is anticipated to be delivered to DAC on 20 July 59

and after testing will be returned to IMED. It is expected that the test should be completed by approximately 1 August 1959.


JAMES S. SEAY
Lt Colonel, USAF
Director of Satellite
Systems

cc: LBP, LBR, LBL

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[REDACTED]
HEADQUARTERS
AMC BALLISTIC MISSILES CENTER
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California

REPLY TO
ATTN OF: IBJ/2712

9 July 1959

SUBJECT: Weekly Diary - 3-9 July 1959

TO: IBG

DOWNGRADED AT 12 YEAR
INTERVALS; NOT AUTOMATICALLY
DECLASSIFIED BY D.O. 5800.10

Satellite Systems

1. L/C AFO4(647)-347 Definitization: (UNCL)

P
Procurement plan for definitization of this letter contract contemplated commencement of negotiations 13 Jul 59. The contractor's proposals were evaluated and it was noted that the subcontracting costs were not supported by sufficient material to perform adequate analysis. It was also noted that five of the major proposed subcontracts amount to over 25% of the total program costs. It was determined that a complete cost analysis of these five subcontracts should be performed. This course of action was considered to be appropriate also in view of the fact that there is a possibility of a reorientation taking place in the overall Lockheed program. Thus, these two situations, i.e., analysis of subcontracts and possible reorientation, make a certain delay in definitization desirable.

2. Contract AFO4(647)-97 Overrun: (UNCL)

P
The contractor advises that an overrun in the amount of \$4.3M has been incurred. He states that an additional \$2.0M will be required to complete the contract, but it is assumed this amount is actually new work which should be fee-bearing. This latter assumption is questionable and the project office is examining it. Meanwhile, it appears necessary to fund the \$4.3M portion of the overrun at once, and, upon proper determination of the \$2.0M, it will be funded either as an overrun or as an engineering change, as the circumstances dictate.

3. Satellite Systems Budget Responsibilities Meeting: (UNCL)

On 1 Jul 59 a meeting was held between BMD, BMC and SMAMA/ISM to determine budgeting responsibilities for the various cost elements of the space satellite systems programs through FY-61. After reaching agreement on this subject, a memo of understanding was published for the benefit of the ISM, to be used as a guide in preparing budget estimates whose responsibility was determined to be that of the ISM's.

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4. Santa Cruz Test Facility Industrial Facility Requirements: (UNCL)
A follow-up message was forwarded to Hq USAF by IBBW requesting an answer to their previous request for approval of funds to provide two additional static test stands at the Lockheed Santa Cruz facility. Information indicates that Hq USAF has approved Phase III of the MIDAS program, in support of which these facilities were justified. However, funding approval for this program is being withheld pending concurrence of the Department of Defense in the Phase III MIDAS Program. No slippage in the MIDAS program can be attributed to the lack of this facility approval at this time. However, as pointed out to BMD by separate memo, other projects for which development plans are in preparation cannot be accomplished by IMSD without additional test facilities at Santa Cruz.

5. Sentry System Design Review Meeting: (UNCL)

P
The second scheduled meeting on this subject was held on 30 Jun 59 at IMSD. The primary purposes of the meeting were to review and inspect the space problems, summarize the proposed display items, and discuss the costs related to the preparation and conducting of the SDR. Since this meeting the contractor has presented a preliminary draft of the cost proposal; this draft was not satisfactory for negotiation purposes. The contractor was directed to work up a more definitive proposal which will clearly outline and justify the efforts and funds required. It is expected that this action will be complete by the end of this week.

6. Sentry 6594th Wing UAL: ~~(SECRET)~~

The first administrative UAL for the 6594th Wing has been published by Hq ARDC for the AFEMD. This UAL consists of the common administrative type equipments required in support of the wing activation at Palo Alto.

James S. Seay
JAMES S. SEAY
Lt Colonel, USAF
Director of Satellite
Systems

cc: IBP, IBR, IBL

HEADQUARTERS
AMC BALLESTRO MISSILES CENTER
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California

REPLY TO
ATTN OF: IBJ/2712

2 July 1959

SUBJECT: Weekly Diary - 26 June thru 2 July 1959

TO: IBG

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

Satellite Systems

1. Review of Logistic Exhibits: (UNCL)

A meeting was held at IMSD to discuss the details of all the logistic exhibits that had been presented to the contractor for his review. The purpose of this meeting was to clarify or answer any questions the contractor may have and assist him in preparing a reasonable effort in support of these exhibits.


The LSM provided the personnel for discussing the exhibits. In addition to this, the LSM presented the contractor with an orientation of AMC cataloguing and identification procedures. It is intended that as a result of this meeting, the contractor will present his comments in writing by 29 June 1959 and the next step will be incorporation of the exhibits into the contract.

2. Acceptance of Discoverer Flight Test Vehicle: (SECRET)

The ninth Discoverer flight test vehicle No. 1051 was accepted by the Air Force Acceptance Team on 30 June 59. This vehicle is tentatively scheduled for launch from Vandenberg AFB in August.

3. Follow-on Contract for Sentry, Midas and Discoverer: (UNCL)

In view of the fact that most of the effort on the subject programs was completed 30 June, it was essential that a follow-on contract be awarded 1 July. This was accomplished by means of a letter contract, with a token amount of money for FY 60. Additional funds for at least the month of July have been requested, but have not been received to date. This letter contract is expected to be definitized within 60 days, and a meeting is scheduled for 7 July to establish in-house positions in connection with the negotiation.


JAMES S. SEAY
Lt Colonel, USAF
Director, Satellite Systems

59IBJ-3927

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HEADQUARTERS
AMC BALLISTIC MISSILES CENTER
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California

REPLY TO
ATTN OF: LBJ/2712

25 June 1959

SUBJECT: Weekly Diary - 18 thru 25 June 1959

TO: LBG

1. Overtime Utilization: (UNCL)

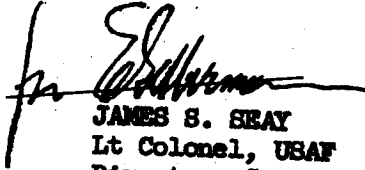
① The rate of overtime utilized by Lockheed Missiles and Space Division on the Satellite Program for May 1959 was 14.0%, as compared to 13.2% for April 1959. It is anticipated that the percentages for June will decrease slightly.

2. AMC Budget Exercise: (UNCL)

② The LSM submitted its budget for FY61 to the AMC review group. Some problems developed in respect to the SENTRY Annex. Part of the difficulty was created by the security level involved in this program, which prevented detailed discussion of the requirements. A presentation was made to the review group separate from the budget hearings, and some additional information will be provided which, it is hoped, will result in acceptance of these figures.

3. System Design Review Meeting: (UNCL)

A meeting was held on 16 June 1959 at LMSD to discuss the requirements for a System Design Review of the SENTRY System to be held at LMSD the 5th of October. This meeting was chaired by a BMD representative and attended by all major subcontractors involved. The primary purpose of this meeting was to discuss what equipment would be available for display purposes and what mock-ups or models would be required. In addition to this a milestone chart of actions required was established. It is intended that the second meeting on this subject will be held on 29 June 1959.


JAMES S. SEAY
Lt Colonel, USAF
Director, Satellite Systems

Copies to: LBP, LBR, LBL

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HEADQUARTERS BALLISTIC MISSILES CENTER
AIR MATERIEL COMMAND
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California

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Address reply to the attention of:

IBJ/2712

4 June 1959

SUBJECT: Weekly Diary - 29 May thru 4 June 1959

TO: IBC

DECLASSIFIED AT 12 YEAR
INTERVALS; NOT U.S. A. I. C. A. L. L. Y
DECLASSIFIED. DOD DIR 5200.10

1. Acceptance of DISCOVERER Flight Test Vehicle No. 7: (SECRET)

Discoverer Flight Test Vehicle No. 7 was accepted by the AF Team on 1 June 59 and subsequently shipped to the launch base on 2 June 59. The vehicle is presently scheduled for launch on 16 July 59. Since DISCOVERER III was launched on 3 June, there still remain three accepted vehicles at the launch base in various stages of launch preparation.

2. Overtime Utilization: (UNCL)

DSD
The rate of overtime utilized by Lockheed Missiles and Space Division on the Satellite Program for April 59 was ~~11.7%~~ as 13.2 compared to 11.6% for March 59. Manhour utilization, however, was considerably higher than the previous month due to April being a twenty-five day work month.

3. Impact Study: (UNCL)

IMSD has been requested to perform an impact study regarding the potential Columbia Broadcasting Studio strike. CBS is a second tier subcontractor to Eastman Kodak and is processing electronic equipment for Subsystem E in support of the Satellite Program.

4. Status of Contractual Actions for FY 60: (UNCL)

Contract AF 04(647)-97: This contract provides for Sentry, Discoverer and Midas programs, through 30 June 59. However, due to an overrun of time, the completion of this work is now scheduled for approximately 30 August 59.

L/C AF 04(647)-347: This letter contract presently provides for some relatively minor new items of work. It is contemplated that the follow-on effort which must begin 1 July, will be added to this contract by an amendment thereto. This action is made necessary by the late arrival of proposals for a definitive follow-on contract. These definitive follow-on proposals are presently being evaluated and it is hoped that the effort under

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59IBJ-3912

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[REDACTED] [REDACTED]

Letter Contract AF-347 will be definitized in two or three months. This contract will include five items of work as follows:

1. Sentry R&D Program and TGSE
2. Discoverer Program and TGSE
3. Midas Program and TGSE
4. Tracking Network, Development Control Center, and Launch Operations
5. Spare Parts

5. Sentry Operational Program: (UNCL)

Contractual action will be initiated for the procurement of the Sentry Operational Program in July 1959. Request for proposal has been forwarded to the contractor and it is expected that a letter contract will be required for this procurement.

6. Spare Listing: (UNCL)

This office received the Spare Parts List from the contractor on 29 May 1959. It consisted of an interim listing of all spare parts being supplied to each station. Information furnished consisted of the item nomenclature, drawing number, quantity required, estimated unit cost and shipping date. It is estimated that information supplied was only about 60% complete. Complete information on spares costs was not available.

7. Major Marshall Dempsey: (UNCL)

Major Marshall Dempsey reported in from the Northern Disposition Task Force, AMC, this week. Assigned to Plans & Requirements Branch of Systems Integration Division, he will handle matters pertaining to supply, involving the project's latest Development Plan.

8. Technical Discussion of Subsystem I: (SECRET)

LBJS participated in technical discussion on Subsystem I Central Data Processing Subsystem in conjunction with BMD and LEM personnel. Messrs Rothman and West of [REDACTED] reviewed the status of the program and the program objectives operationally. Equipment requirements, reliability and maintainability were discussed in sufficient detail to provide LEM and BMD with necessary information to develop plans for the future maintenance of this system.

J. S. Gray
JAMES S. GRAY, Lt Colonel, USAF
Director, Satellite Systems

[REDACTED]

Copies to: LBP
LBR
LEL

DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

FILE NO.

SUBJECT

WEEKLY DIARY - 22 thru 28 May 1959

TO

LBG

FROM

LEJ

DATE

28 May 59

COMMENT NO. 1

Satellite Systems Program

DOWNGRADED AT 12 YEAR
DECLASSIFIED, DOD DIR 5200.10

Industrial Facility Conference on Expansion of Santa Cruz Test Facilities: (CONF)

A meeting was held at the contractor's Santa Cruz facility, with representatives from BMD, LBG and LEJR, to review contractor's proposal for two additional satellite system vehicle test stands at Santa Cruz. General survey of the proposed location and physical layout indicated that perhaps a more desirable location could reduce the contractor's estimate of \$5.8M. The contractor was requested to investigate the possibility of alternate site locations and furnish this complex with revised cost estimates based on these locations, which will allow supplementing existing support facilities rather than complete duplication of buildings such as ready room, workshops, etc. Subsequent meetings with the contractor at this complex, concerning alternate locations suggested, indicate that a problem of test stand separation requirements to minimize safety hazards exists. It is proposed to request a survey by munitions specialists from COAMA for guidance in establishing minimum test stand separation requirements.


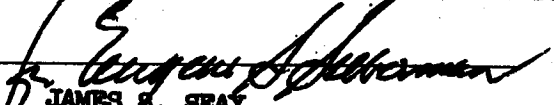
Acceptance of Discoverer Flight Test Vehicle No. 6: (SECRET)

Discoverer Flight Test Vehicle No. 6 was accepted by the AF Acceptance Team on 18 May 59. This vehicle was shipped to the launch base on 19 May and is presently scheduled for a 30 June launch. There are now three accepted Discoverer vehicles at the launch base in various stages of launch preparation.

WS 107A-1/SENTRY Activation Phasing Conference: (CONF)

A WS 107A-1/SENTRY activation conference was held at the BMD complex on 27 May 59. Participating members in attendance represented Convair, IMSD, GE, Burroughs and BMD/BMC Project Offices. Facility BOD and equipment availability were reviewed in support of the R&D facility requirements at Point Arguello. Problem areas involved SAC support agreements for Mod II installations, finalization of the entire communication requirements for Point Arguello installation and switching mechanism for the 65-1 complex and a clarification of the beneficial occupancy date for Point Arguello installation. Principal action items are BMD's responsibility. Several small group meetings will be held during the course of the month to resolve the above issues.

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FILE NO.

SUBJECT

WEEKLY DIARY - 15 thru 21 May 1959

TO

LBG

FROM

LBJ

DATE

21 May 59

COMMENT NO. 1

Satellite System Program

Acceptance of Discoverer Vehicles Nos 1023 and 1029: (CONF)

The Acceptance Team convened on 8 and 18 May and accepted the two above mentioned vehicles. Each vehicle was accepted with only minor shortage items. These items were transferred to the launch site for completion. Vehicles Nos. 1023 and 1029 are scheduled for launch on 18 and 30 June, respectively.

Impact Study: (UNCL)

IMSD has been requested to perform an impact study regarding the potential steel strike. This will provide material necessary to take timely action in the event the present negotiations break down and a strike develops.

Subsystem "I" Technical Briefing: (UNCL)

This Directorate scheduled a Subsystem "I" technical briefing for the benefit of LBL. The purpose of the briefing was to familiarize personnel with the function and operation of the Data Processing Center in preparation for the scheduled Subsystem "I" Logistic Support Conference. Mr. C. B. Dougherty of R-W made the presentation.

Follow-on Contracts: (UNCL)

Proposals have been received for the follow-on contract period for SENTRY, MIDAS, DISCOVERER, tracking and control network, and spare parts. These proposals could have resulted in a definitive contract if they had been received in April. Late submittal was caused by certain reorientation actions which took place on the program, and as a result it now becomes necessary to issue a letter contract for these items. Actually, negotiation will begin on the definitive contract concurrently with issuance of the letter contract, and it is expected that the letter contract will merely provide coverage for a period of two months while evaluation and negotiation takes place.

DOD 7800.6 Applicability to Follow-on Contracts: (UNCL)

The applicability of the 8020 split on work in process has been examined and the conclusion reached is that this provision is applicable to the Lockheed programs notwithstanding the fact that there are elements of

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