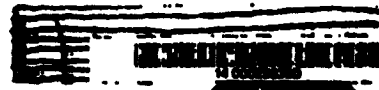
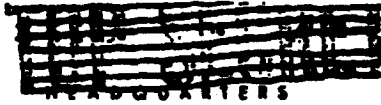


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**AIR RESEARCH AND DEVELOPMENT COMMAND**

UNITED STATES AIR FORCE  
Andrews Air Force Base  
Washington 25, D.C.

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REPLY TO  
ATTN OF

RDGN

28 March 1960

SUBJECT

Samos, Midas, Discoverer Meeting (Sensitive)

TO

RDG (Lt Gen Schriever)

1. Over a period of several weeks since the Air Force had submitted the subject development plans and operational plans for approval to OSD it is becoming increasingly clear that certain advisors and senior people in OSD do not want to approve the program as presented. Although OSD appeared satisfied with the Midas plan, specific suggestions to extend Discoverer were being considered and at the expense of the Samos, E-1, E-2. Furthermore, general redirection of the Samos program was considered advisable. As a result of this advance information the Intelligence people became increasingly unhappy, and in a succession of meetings between DCS/D, AFCIN and Dr. Charyk, approval was obtained from Dr. York to withhold submission of the OSD position for a couple of weeks.
2. Accordingly, Dr. Charyk requested AFDAT to set up a meeting calling together all members of the Air Force Ballistic Missile Committee but without observers because of the sensitive nature of the subjects to be discussed. No general release in the staff of the Pentagon has been made to the effect that this is in fact a BMC meeting. The original date of 25 March was slipped to 31 March because of conflicts involving BMC members.
3. The agenda for the meeting is unpublished at the specific request of Dr. Charyk. I have obtained information from AFDAT that the subjects, however, will be as follows:
  - a. Midas program analysis.
  - b. Interrelation of the Samos and Midas programs.
  - c. (And this is the sensitive portion). An analysis of the probable success of getting appropriate intelligence information via the several methods (E-1, E-2, E-5, Samos system, and Discoverer) within a specified critical time period.

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4. I am further informed that General Boushey will act as lead off man describing the problem and the purpose of the meeting and then will ask General Walsh to make a formal presentation on his Intelligence requirements. Following this, BMD (Colonel King, Colonel Oder and Colonel Worthman) will make a presentation analyzing the above referenced systems and how they might meet the requirements stressed by General Walsh. It is planned that the deliberations of the BMC are intended to aid Secretary Sharp in his deliberations and negotiations with OSD on this over-all program.

5. As a result of preliminary hearings on this subject to date, AFDAT's present conclusions are that:

a. Discoverer offers the best chance of getting large amounts of useful data in the critical time period.

b. Additional launch capacity is required if the Discoverer program is extended.

c. Samos readout offers a substantial contribution at an acceptable probability of success in the critical time period and therefore should be pursued.

6. The meeting will probably conclude with a summarization of the differences between the conclusions reached at this meeting and the present attitude expressed by OSD.

7. Attached is the financial picture for which approval is being sought.

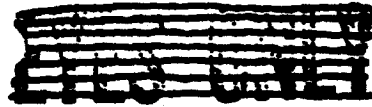
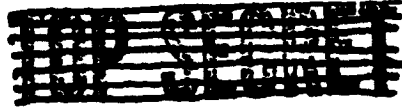
NORMAN C. APPOLD  
Colonel, USAF  
Special Asst. for ARPA/NASA Affairs

1 Atch  
Funding Status as of  
23 March 1960

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FUNDING STATUS (As of 23 March 1960)

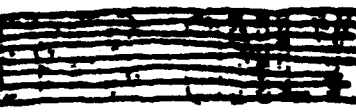
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(R&D Only)

<u>Program</u>		<u>FY 60</u>	<u>FY 61</u>
Discoverer			
	OSD (Emergency)		
Samos		1047 160.1	
			+
Midas		31.3	41.1
	OSD (Emergency)	20.6	60.0***
			5.8**

- \* OSD directed increase.
- \*\* New Obligation Authority (N. O. A.)
- \*\*\*
- \*\*\*\* This amount is to be made up out of Samos Ferrit.

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No.	Date	Subject
1	3 Mar 59	Technical Evaluation of Mapping Satellite by ARPA/IDA Ad Hoc Panel on Satellite Mapping. Top Secret - Eyes Only.
2	31 Jul 59	Copy of ARPA Order 48-60, Amendment No. 6, ARGON Instruction No. 1. Top Secret - NOFORN.
3	11 Aug 59	Copy of letter to Commander, ARDC, from Chief, Aerial Reconnaissance Laboratory, WADC, Cartographic Subsystem for SENTRY Mapping Program. Secret.
4	19 Aug 59	Personal memo for Gen. Schriever from Col. Appold re requirement for 5' ground resolution for photographic sensors in satellite systems. Unclassified.
5	26 Aug 59	Draft memorandum for Colonel Appold; background information for 13 August conference with General Schriever. Unclassified.
6	27 Aug 59	WDZ memo for Gen. Schriever, subject, Action Requested of AFBMD (check list of certain priority items of work and their status.) Top Secret - Eyes Only.
7	31 Aug 59	Memo for Gen. Schriever from Col. Appold attaching re-write of ARGON letter to Mr. Roy Johnson. Unclassified.
8	3 Sep 59	Copy of Gen. Schriever's letter to Mr. Roy Johnson re ARGON Project. Top Secret - Eyes Only.
9	8 Sep 59	Col. Appold's pencilled notes with Gen. Schriever's 28 August letter to Mr. Johnson re reinstating SAMOS (ltr not sent - re-vamped and dispatched 3 Sep 59; Top Secret - Eyes Only; and memo for Gen. Schriever from Col. Appold dated 14 Sep 59, subject, Proposed Discussion Items for 14 Sep Meeting with Mr. Johnson - Unclassified.
10	14 Sep 59	Copy of AFCIN memo to DCS/D, subject, Reinstatement of the E-4 SAMOS Requirement w/enclosures. Secret.
11	13 Oct 59	Col. Appold's pencilled notes of 7 Oct. Copy of Hq USAF message to AMC re P&W J-58 Engine Development Program (Confidential). Gen. Demler's Memo for Record, subj, J-58 Engine Development Support, dated 7 Oct 59 (Secret). Copy ARPA undated Memo for Secretary of the AF, subj, Technical Support for Project ARGON (Top Secret - NOFORN).
12	26 Oct 59	Pencilled notes.
13	Oct 59	Draft Memo for Assistant Secretary of the AF (R&D), subj, SAMOS Program Review; (for signature of Dr. York (?)).
14	3 Nov 59	Memo for Gen. Schriever from Col. Appold re 3 Nov meeting in connection w/SAMOS.
15	10 Nov 59	Copy of report "Review of Visual Satellite Reconnaissance Payloads - Readout and Recovery Types" dated 19 Sep 59 by C. W. Chillson of ARPA/IDA. Secret.
16	Aug 59	<del>WDZ draft letter to CSAR, Assignment of Operational Planning Responsibility.</del>
17	Aug 59	AFBMD definition of WS 117L subsystems w/SAMOS chronology - 1956-1959 and Gen. Schriever's notes.
18	11 Aug 59	WADC letter, Cartographic Subsystem for Sentry Mapping Program.
19	12 Aug 59	TWX from AFBMD re SENTRY program at Pt. Arguello; resolution of AF-Navy interface problem
20	14 Aug 59	TWX from 1st Missile Division, subject, Vandenberg/FMR/Pt. Arguello relationship.
21	2 Sep 59	TWX from AFDAT downgrading all SAMOS material to comply w/classification guidance contained in Hq USAF ltr, subj, Assignment of Operational Planning Responsibility.
22	14 Sep 59	Letter from Gen Schriever to Gen White re problem areas in SAMOS program.
#16 withdrawn for safekeeping in Col Appold's personal safe.)		
23	28 Mar 60	Memo for Gen Schriever, subject, Samos, Midas, Discoverer Meeting (Sensitive).
24	12 Mar 60	Copy of Dr. Charyk's memo for Gen Wilson relative to selection of a third contractor of the Minuteman program.