


TELETYPE  
10-863c (Rev. 5-54)


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CODE	DATE	INITIALS	PURPOSE	REMARKS
5435	3/21	PM		BYE 26904-66
5430	3/26	WJ		
5170	3/28	PEW		
5100	3/31	WRD		
5400	3/31/66	WJ		
5000	4/1/66	WJ		
4000	4/1	P		
1100	4/1	W		
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**NRL OUTGOING DOCUMENT**



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FROM: Dir., NRL to Director, NRO

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FILE NO.

SUBJECT: Project POPPY Funding

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1 Apr 1966

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HANDLE VIA BYEMAN CONTROL SYSTEM~~SECRET~~From: Director, U.S. Naval Research Laboratory, Washington, D.C. 20390  
To: Director, NRO 

Subj: Project POPPY Funding

Ref: (a) NRL ltr BYE-26903-66

Encl: (1) Monthly project obligation report status  
(2) Estimates and obligations for Project POPPY  
(3) Estimates for FY 67 portion of Mission 7105 and 7106

1. In a recent meeting with  funding data was requested for 7105 and 7106. Because 7106 was under review in the hope of utilizing some recent advances in technology, delays in preparing this submission have resulted. After several meetings with NRO and NSA representatives the concept outlined in reference (a) was adopted and estimates covering the costs were evolved and included.

2. Enclosure (1) gives the obligations through 28 February and shows about two-thirds of the total estimate for 7105 obligated. However, some rather large commitments are anticipated in connection with 7105 as shown in enclosure (2). Also, procurements in connection with 7106 will begin immediately on the long time procurement items as shown in enclosure (2).

3. Enclosure (3) shows FY 67 estimates for 7105 and 7106.

4. In summary the FY 66 obligations plus the estimates for the remaining part of FY 66 for 7105 and 7106 indicate the need for the remainder of the FY 66 money presently held by NRO. It is requested that the remaining \$2 million of FY 66 funds be released by the Comptroller of the NRO so that the Naval Research Laboratory can complete the final phases of Mission 7105 and initiate the long lead-time efforts for Mission 7106, on the present schedule. Early release of the FY 67 funds in the amount of \$5.5 million shown in enclosure (3) is also requested.

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MONTHLY PROJECT OBLIGATION REPORT STATUS

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FY 66

	<u>Monthly Total</u> <u>(In thousands)</u>	<u>Cumulative</u> <u>(In thousands)</u>
Jul	315.3	
Aug	740.8	1056.1
Sep	355.8	1411.9
Oct	439.0	1850.9
Nov	516.6	2367.5
Dec	410.0	2777.5
Jan	535.7	3313.2
Feb	651.3	3964.5
Mar		
Apr		
May		
Jun		

*495.5 = Aug/mo*

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ESTIMATES AND OBLIGATIONS FOR PROJECT POPPY

(In thousands of dollars)

	<u>OBLIGATIONS</u>			<u>Estimate</u>	
	<u>FY 64</u>	<u>FY 65</u>	<u>FY 66 to 28 Feb</u>	<u>4 mos. FY 66</u>	<u>7106</u>
I. PAYLOAD (development-recurring)	2616.0	3184.3	2531.0	1025.0	750.0
A. Electronic equipment including data and telemetry, etc.	615.0	958.1	745.0		
B. Stabilization	320.0	311.7	200.0		
C. Power systems	100.0	1130.5	195.0		
D. Control systems	-	-	191.0		
E. Compatibility and environmental testing	60.0	46.6	-		
F. Mechanical structures and fabrication	-	528.4	250.0		
G. NRL salaries and overhead	1070.0	1034.0	700.0		
H. Misc. materials, travel, transportation	451.0	175.0	250.0		
II. GROUND STATION (investment)	904.0	1534.0	1060.0	1685.0	
A. Electronics (receiving, recording and timing)	440.0	765.3	400.0		
B. Antenna systems	9.0	150.5	200.0		
C. NRL salaries and overhead	182.0	220.0	210.0		
D. Materials, travel, transportation, etc.	273.0	398.2	250.0		
III. FACILITIES (investment)	695.0	712.1	143.5	225.0	145.0
A. Test equipment and facilities	695.0	712.1	143.5		
IV. SERVICES (operational)	50.0	503.8	230.0	170.0	100.0
A. Operational field assistance	35.0	304.6	140.0		
B. Computer service	15.0	199.2	90.0		
TOTAL	4265.0	5934.2	3964.5	3105.0	995.0
				Total	4100.0

TOTAL FY 64 65 & 66 Costs 18,273.7

Funds Received FY 64, 65 & 66 16 000.0

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ESTIMATE FOR FY 67 PORTION OF MISSION 7105 and 7106

(In thousands)

	<u>Mission 7105</u>	<u>Mission 7106</u>
I. PAYLOAD (development-recurring)	\$310.0	\$2445.5
A. Electronic equipment including data and telemetry etc.		731.4
B. Stabilization		200.0
C. Power systems		80.0
D. Control systems		120.0
E. Compatibility and environmental testing		50.0
F. Mechanical structures and fabrication		200.0
G. NRL salaries and overhead		774.1
H. Misc. materials travel transportation		290.0
II. GROUND STATION (investment)	510.0	1737.0
A. Electronics (receiving, recording and timing)		625.0
B. Antenna systems		220.0
C. NRL salaries and overhead		316.0
D. Materials, travel, transportation, etc.		576.0
III. FACILITIES (investment)	100.0	155.0
A. Test equipment and facilities		155.0
IV. SERVICES (operational)	40.0	202.5
A. Operational field assistance		112.5
B. Computer service		90.0
TOTAL	\$960.0	\$4540.0
TOTAL ESTIMATE FOR FY 67		\$5500.

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