

R06-28

14 Nov 1961
Ser 06101

DEPARTMENT OF THE NAVY
BUREAU OF NAVAL WEAPONS
WASHINGTON 25, D.C.

SIGNATURE
RM 3990/1 (6-7-60)

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SHEET 1 of 1

ADDRESSER SECRET Director Naval Research Laboratory Washington 25, D. C.		WEPTASK NO. RTBA 50003/566 1/F019-02-009	AMENDMENT NO.
COORINATOR SAMUEL H. HUBBARD		SECURITY CLASSIFICATION OF WEPTASK -Secret	
CODE RTBA-51	WEPTASK EFFORT LEVEL Normal		

1. The WEPTASK described in Paragraph 2 below is assigned in accordance with the indicated effort level and schedule. A Cost Estimate and Allotment will be provided in separate correspondence. If this WEPTASK cannot be accomplished as assigned, advise Chief, Bureau of Naval Weapons.

2. Technical Instructions:

a. Title

Satellite Applications; Applications of Satellites to Scientific Research in Support of Navy Research and Development Problems (U)

b. Purpose of WEPTASK

The purpose of this WEPTASK is to provide instructions and authority required to implement the Navy's Scientific Research Satellite Program. It establishes program schedules, target flight dates and other related instructions.

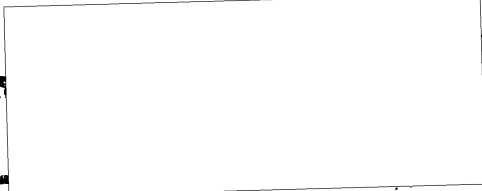
c. Background Information

This WEPTASK replaces WEPTASK RTBA 30009/566 1/F019-02-009 of 14 Dec 1960 ser 042770 to NRL, same title.

A program to design and develop small satellite payloads to be ancillary to Project TRANSIT and other prime projects was established during 1959. To date, three payloads designed to measure solar radiation in varied regions of the spectrum have been developed and flown as secondary payloads to the TRANSIT project launches. These payloads, part of a continuing Navy program of research into the effects of solar radiation on surface-to-surface communications and other electromagnetic radiations, have proved highly successful in providing much needed data.

Having commenced as a purely secondary operation, this program has evolved into a self supporting, continuing research effort. A program of four successful launch operations per year is planned to provide information supporting a thorough investigation into the total effect of solar radiation on Navy communications.

d. Detailed Requirements



cation, payload/vehicle integration, payload/vehicle collection and processing, including design, fabrication

DATE 9 Nov 1961	CLASSIFICATION CONFIDENTIAL
EYE-MAN-READABLE AFTER 12 YEARS CONTROL SYSTEMS AFTER 12 YEARS	
DDU DIR 5200.10	

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WEPTASK No.

RTEA 50003/652 1/F019-02-009

and operation of data readout stations are the responsibility of the Naval Research Laboratory

- (2) Development of new payloads under this task requires approval of the Bureau of Naval Weapons (Code RTEA).
- (3) Within funding limitations, it is desired that a plan of payload standardization be implemented to provide a stockpile of "Common-to-every-flight" components sufficient to support six launch operations per year.
- (4) All payloads should be designed to sustain loads imposed during launch by a SCOUT type launch vehicle.
- (5) Plans to utilize available secondary payload space on launch vehicles having suitable orbit characteristics should be developed and maintained.

3. Schedule: The following schedule of launch operations is established as a program goal:

a. SOLAR RADIATION V	April 1962
b. SOLAR RADIATION VI	June 1962
c. SOLAR RADIATION VII	September 1962
d. SOLAR RADIATION VIII	December 1962
e. SOLAR RADIATION IX	March 1963
f. SOLAR RADIATION X	June 1963

4. Reports and Documentation:

- a. Any reference to this project through technical papers, scientific journals, press releases or conferences, and/or other media, requires prior clearance from the Bureau of Naval Weapons (Code RTEA).
- b. Detailed estimates of payload funding requirements are required on a semi-annual basis to facilitate budget analysis and yearly submission.

5. Contractual Authority: Contracts to perform all or portions of this WEPTASK are hereby authorized within the funding limitations indicated by the WEPTASK cost estimate.

6. Source and Disposition of Equipment:

- a. All equipment to be procured as required for satisfactory project progress within funding limitations.
- b. Disposition of all equipment to be determined at the completion of each experiment.

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7. Aircraft Requirements:

- a. Any aircraft required during this research program will be arranged separately.
- b. Aircraft requirements should be submitted to BuWeps as far in advance as possible to assure sufficient time for obtaining aircraft support.

BYE-057368-99

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R-3 (4 cys.)
RTSA-51
RTSA

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ED AT 12 HRS INTERVALS:
12 YEARS.

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PROJECT ORDER

NAVCOMPT FORM 2033 (12-58)

1114

TYPE	
<input type="checkbox"/> NEW	<input type="checkbox"/> REORDER

15 NOV 1961

3. EXPIRATION DATE
30 June 1962

4. ORDERING COMPONENT	
NAME AND LOCATION Chief, Bureau of Naval Weapons MMS-3 SCS:gsj Department of the Navy, Washington 25, D.C.	

5. PERFORMING ACTIVITY		
a. NAME AND LOCATION	b. ACCOUNTING NO.	c. ACCOUNTABLE ACTIVITY
Director Naval Research Laboratory Washington, D.C.	173	173

6. SUBJECT ORDER NO.	7. AMENDMENT NO.	8. CUMULATIVE TOTAL
PO-2-0061	NEW	\$1,500,000.00

9. ACCOUNTING DATA					
a. APPROPRIATION AND BUREAU	b. ALLOTMENT	c. EXPENDED ACCOUNT	d. OBJECT CLASS	e. CHARGEABLE ACT'Y ACCT'G NO.	f. AMOUNT
17X1319.1922 RDT&E, N 1962	001			19	\$1,500,000.00

10. DELIVERY INSTRUCTIONS		
a. PLACE	b. DATE	c. METHOD

11. DESCRIPTION OF WORK TO BE PERFORMED AND OTHER INSTRUCTIONS (If more space is required, attach additional sheets)

3100
3300
4010

34.4 Satellite Application (38)

For supporting task for Research Satellite (Project GREB).

WEPTASK RTSA50-003/652-1/POLY-02-00y applies.

Copy to:

RT-3
R-34

BR-057369-99

11/20/61
WJ

SOURCE OF FUNDS	
Accepted by NRI Budget Office	Date 11/20/61
Processed by	WJ
Accepting Officer	By direction

62/112

12. This Order is placed in accordance with the provisions of 41 U.S.C. 23 and applicable project order regulations. Work to be performed and material to be procured pursuant to this Order, are properly chargeable to the appropriation or other accounts indicated above until the expiration date of this Project Order. Funds, in the amount shown under "Accounting Data," have been committed and will be obligated upon receipt of the acceptance copy by the ordering component.

a. APPROVING OFFICER (Typed name and title)	b. SIGNATURE
RESPONSE & Station Budget Division	

The above terms and conditions are satisfactory and are accepted.	
a. DATE	b. SIGNATURE
NOV 20 1961	EMAN TALL
CONTROL SYSTEMS JOINTLY	

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