ROUTE SHEET ~~SECRET~~

PRNC-NRL-10-863 (Rev. 9-54)

CODE	DATE	INITIALS	*PURPOSE	REMARKS
5170	10/27	mjv wdw		
5100	10/27	[illegible]		
5000	10/27/60	GRA	1	
4000	10-28	P	6	
4010	11/3	AR		
1525	10/28	EO		
1522	10/28	DB		
1523	11/2	J.M.		NOV 2 1960 R06-29
1523				

INSTRUCTIONS

Prepare 2 copies of this route sheet and forward ALL copies together with necessary correspondence and other documents.

*PURPOSES

1. FOR INFORMATION
2. FOR APPROVAL
3. PREPARE REPLY
4. PREPARE ENDORSEMENT
5. FOR NECESSARY ACTION
6. FOR SIGNATURE
7. RETAIN ENCLOSURES
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NAVY-DPPO PRINC, WASH., D.C.

FROM Director of Research

To: Mr. [redacted] NASA

DATE OF MATERIAL: 10-26-60

BRANCH IDENT. SYMBOL: 5170-93:MJV:wdw

ORIG. IDENT. SYMBOL (Mail Room Fill in): 10736

DIVISIONS DO NOT FILL IN

DATE MAILED: 28 OCT 1960

FILE NO.: R06-29

SUBJECT: Request for Cooperation of NASA to provide data on Solar Radiation II Satellite

HAND E VIA

R/S NO. (Mail Rm. Fill in)

Code [redacted]

5170-93 MJV:wdw
NRL Prob RO3-29
SER: 10736
28 OCT 1960

[redacted]

National Aeronautics & Space
Administration
1520 H Street, N. W.
Washington 20, D. C.

Dear [redacted]

The Solar Radiation II satellite is being prepared for a launch from Cape Canaveral in November. This will be a repeat of the 22 June launch of the Transit-Solar Radiation combination payload.

The cooperation of the NASA has provided a wealth of Solar X-ray data from the satellite 1960 Eta II and it is desired that this effort be expanded to include Solar Radiation II if the launch is successful. It is desired that telemetry recordings be furnished from [redacted] Tracking data will be needed in the form of predicted equator crossings, printed world map and magnetic tape world map as now provided for Solar Radiation I.

The Naval Research Laboratory is conducting this program without establishing a set of ground stations to receive telemetry data. The telemetry system has been designed to meet the IRIG standards so that special telemetry ground equipment would not be required. The continued cooperation of the NASA in this work will result in a considerable savings to the Government. The data for Solar Radiation I was obtained on a non-interference basis and the results were entirely satisfactory. The telemetry data from [redacted] indicate a high degree of proficiency for the station operators and equipment. Even though the 30 milliwatts of radiated power provides little margin for antenna training error, 85 percent of the data is good data. We greatly appreciate the telemetry and orbital data that was furnished us on the Solar Radiation I satellite.

It is requested that NASA indicate the extent to which this cooperation may be extended for the Solar Radiation II satellite.

Very truly yours,

[redacted]
Director of Research
By direction of the Director

Copy to:
GAD (RSGS)

[redacted]

HAROLD E. HOLT
NAVAL SYSTEM DIV.
CONTROL SYSTEM DIV.