

ROUTE SHEET
PRNC-NRL-10-863d (Rev. 6-54)

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~~CONFIDENTIAL~~

CODE	DATE	INITIALS	PURPOSE	REMARKS
5430	10/6	JHTag		
5260	10/8	CVP		
5269	10/9	[Signature]		
5267	11/5/58	[Signature]		
1523		[Signature]		

Classified by: SIR NRC
Review on: 6 OCT 1988

INSTRUCTIONS

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

***PURPOSES:**

- FOR INFORMATION
- FOR APPROVAL
- PREPARE REPLY
- PREPARE ENDORSEMENT
- FOR NECESSARY ACTION
- FOR SIGNATURE
- RETAIN ENCLOSURES
- RETAIN COPY

FROM		-DIVISIONS DO NOT FILL IN	
Code 5430			
DATE OF MATERIAL	BRANCH IDENT. SYMBOL		
6 Oct 1958	5430-162:RBO:as		
ORIG. IDENT. SYMBOL (Mail Room Fill in)	DATE MAILED		
	10-6-58		
SUBJECT		Ro 6-29	
Radio Astronomy Experiment, Outline of Work Requested from Cooperating Divisions and Proposed Allocation of Funds (Problem 54RO6-29)			
HANDLE VIA BYERAN			
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5439-16Z:RBO:as

Code 4105S

6 October 1958

Code 5430

Radio Astronomy Experiment, Outline of Work Requested from Cooperating Divisions and Proposed Allocation of Funds (Problem 54RO6-29)

1. At the request of Code 5430 for cooperative action by a number of groups in the prosecution of Problem 54RO6-29, involving subminiaturized electronics for supersonic vehicles, a number of oral agreements have been reached, including the delegation by Code 4100 of Code 4105S to serve in a liaison capacity to coordinate and expedite the work among all the groups involved.
2. In order to confirm these oral arrangements the following brief statement is given, showing the nature of the cooperative work of each cooperating code and the estimated cost by half-years for FY 59 as indicated by the several codes to Code 5430 or Code 4105S. All estimates are for five equipments.

Code	Description	Est. Cost (Thousands)		
		1st Half	2nd Half	Total
4115	Shell & framework	20	30	50
4130	Data-link transmitter & modulator, tracking transmitter, hybrid phasing networks, turnstile antenna design, programming device for command receiver, solar-battery-charging power supply, assembly of overall equipment	47.3	49.6	96.9
5230	Thermal & vacuum tests	3	22	25
5260	Command receivers	11	9	20
6260	Shock & vibration tests		15	15
		78.3	128.6	206.9

3. While specification and design details have been discussed with Codes 4115, 4130 and 5260 by representatives of Code 5430, it is desired that all information and directions be channelled through Code 4105S who will provide each cooperating

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code with detailed instructions required in performing its phase of the project, and that Code 4105S maintain records of information passed and agreements reached, as well as a schedule of progress.

4. An A-1 Budget estimate has been received from Code 4130.

5. By copy of this memorandum all codes listed above are requested to furnish Code 5430 an A-1 sheet to supersede the oral estimate, using the short title Radio Astronomy Experiment, and to contact the coordinator, [redacted] Code 4105S, on extension 2513, for liaison purposes. In his absence, it is suggested that reference be made to Mr. Votaw, Code 4133T, in Vanguard, on extension 2469, or Mr. Mayo, Code 5435A, or Mr. Owens, Code 5435, on extension 467.

6. It is requested that all codes consider classified the connection of Code 5430 with this project and that the frequency of the data-link transmitter and the frequency and coding of the command receiver be considered secret.

7. The allocation of funds as outlined above and authorization of overtime by the cooperating codes, when necessary to meet the schedule which Code 4105S will set up, have been requested by Code 5430.

J. H. TREKLER, Acting for
H. O. LORENZEN
Head, Countermeasures Branch

Copy to:
Code 5400 (2)
Code 4115
Code 4130
Code 5230
Code 5260
Code 6260

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