

ROUTE SHEET
PRNC-NRL-10-863c (Rev. 5-54)

~~SECRET~~

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CODE	DATE	INITIALS	PUR- POSE	REMARKS
5170	2/21	MV		
5100	2/21	lee		
5400	2/21/63	MS		
5430				
5435A	2/21/63	RDm		

INSTRUCTIONS

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

FROM Code 5170

DATE OF MATERIAL 2/20/63

BRANCH IDENT. SYMBOL 5170-28:MJV:js

ORIG. IDENT. SYMBOL (Mail Room Fill in)

DIVISIONS DO NOT FILL IN

DATE MAILED

FILE NO.

- *PURPOSES**
- 1. FOR INFORMATION
 - 2. FOR APPROVAL
 - 3. PREPARE REPLY
 - 4. FOR SIGNATURE
 - 5. FOR NECESSARY ACTION
 - 6. FOR MEMO. COMMENT

- 7. FOR GUIDANCE
- 8. FOR COMPLIANCE
- 9. DISTRIBUTE ENCLOSURE
- 10. RETAIN ENCLOSURES
- 11. RETAIN COPY
- 12. FILE

SUBJECT

Frequency Allocation for 7102 Launch (U)

~~SECRET~~

HANDLING VIA
CONTROL SYSTEM ONLY
R/S NO. (Mail Rm. Fill in)

ROUTE SHEET
PRNC-NRL-10-863c (Rev. 5-5-58)

~~SECRET~~

~~SECRET~~

CODE	DATE	INITIALS	*PUR- POSE	REMARKS
5170				
5100				
5400				
5430				

INSTRUCTIONS

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

*PURPOSES

- | | |
|-------------------------|-------------------------|
| 1. FOR INFORMATION | 7. FOR GUIDANCE |
| 2. FOR APPROVAL | 8. FOR COMPLIANCE |
| 3. PREPARE REPLY | 9. DISTRIBUTE ENCLOSURE |
| 4. FOR SIGNATURE | 10. RETAIN ENCLOSURES |
| 5. FOR NECESSARY ACTION | 11. RET/ |
| 6. FOR MEMO. COMMENT | 12. FIL |

FROM Code 5170	
DATE OF MATERIAL 2/20/63	BRANCH IDENT. SYMBOL 5170-28:MJV:js
ORIG. IDENT. SYMBOL (Mail Room Fill in)	

DIVISIONS DO NOT FILL IN
DATE MAILED
FILE NO.

SUBJECT
Frequency Allocation for 7102 Launch (U)

~~SECRET~~

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

NAVY-DPPO PRNC, WASH., D.C.

OPTIONAL FORM NO. 10
5010-104

UNITED STATES GOVERNMENT

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Memorandum n

~~SECRET~~

SECRET

5170-28:MJV:js

DATE: 20 February 1963

TO : Code 5430
Via : Code 5100
Code 5400
FROM : Code 5170

SUBJECT: Frequency Allocation for 7102 Launch (U)

1. Plans are firm for all frequencies required for the subject launch. The formal request has been prepared for submission through normal channels. Code 5430 has been omitted from the route sheet to keep the classification at a low level. This memo is now submitted for review. If these frequencies are satisfactory please send this request through appropriate channels.



Martin J. Votaw
Head, Satellite Techniques Branch

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Copy 1 of 3 copies

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HANDLE VIA
BYEMAN
CONTROL SYSTEM ONLY

CODE	DATE	INITIALS	*PUR- POSE	REMARKS
5170	7/14	M.V.		Retain copy 3
5100	2/17	lee		
5400	2/21/63	MJV		FEB 19 1963 Retain copy 2 Retained MJV 5464 LTB 2/21
5430				Retain copy 1

INSTRUCTIONS

Prepare 4 copies of this route sheet and forward ALL copies together with necessary correspondence and other documents.

***PURPOSES**

- | | |
|-------------------------|-------------------------|
| 1. FOR INFORMATION | 7. FOR GUIDANCE |
| 2. APPROVED | 8. FOR COMPLIANCE |
| 3. PREPARE REPLY | 9. DISTRIBUTE ENCLOSURE |
| 4. FOR SIGNATURE | 10. RETAIN ENCLOSURES |
| 5. FOR NECESSARY ACTION | 11. RETAIN COPY |
| 6. FOR MEMO. COMMENT | 12. FILE |

A1073-4/52-90M, NAVY FPPO BND JAX

FROM Code 5170		DIVISIONS DO NOT FILL IN	
DATE OF MATERIAL	BRANCH IDENT. SYMBOL		
2/14/63	5170-21:MJV:js		
ORIG. IDENT. SYMBOL (MAIL ROOM FILL IN)		DATE MAILED	
		FILE NO.	
SUBJECT			
Command Requirements for May Launch (U)			
SECRET		R/S NO. (MAIL RM. FILL IN)	

PRNC-NRL-10-883 (REV. 8/50)

CODE	DATE	INITIALS	*PUR-POSE	REMARKS
5170				Retain copy 3
5100				
5400				Retain copy 2
5430				Retain copy 1

INSTRUCTIONS

Prepare 4 copies of this route sheet and forward ALL copies together with necessary correspondence and other documents.

***PURPOSES**

- | | |
|-------------------------|-------------------------|
| 1. FOR INFORMATION | 7. FOR GUIDANCE |
| 2. APPROVED | 8. FOR COMPLIANCE |
| 3. PREPARE REPLY | 9. DISTRIBUTE ENCLOSURE |
| 4. FOR SIGNATURE | 10. RETAIN ENCLOSURES |
| 5. FOR NECESSARY ACTION | 11. RETAIN COPY |
| 6. FOR MEMO. COMMENT | 12. FILE |

A1073-4/52-90M, NAVY FPPO 6ND JAX

FROM Code 5170

<i>DIVISIONS DO NOT FILL IN</i>	
DATE OF MATERIAL	BRANCH IDENT. SYMBOL
2/14/63	5170-21:MJV:js
<small>ORIG. IDENT. SYMBOL (MAIL ROOM FILL IN)</small>	
SUBJECT	
Command Requirements for May Launch (U)	
SECRET	
<small>R/S NO. (MAIL RM. FILL IN)</small>	

OPTIONAL FORM NO. 10
5010-104

UNITED STATES GOVERNMENT

~~Memorandum~~~~TOP SECRET~~

SECRET

TO : Code 5430

5170-21: MJV: js
DATE: 14 February 1963

FROM : Code 5170

SUBJECT: Command Requirements for May Launch (U)

Ref: (a) 5430 memo "Command System" dated 8 Feb 63
(b) 5170-10 dated 17 Jan 63

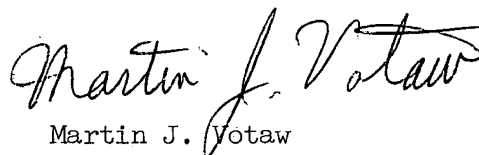
Encl: (1) Payload Development Schedule for Pl 110, 111, 112, 130

1. Reference (a) was discussed by Votaw, Dix, Mayo, and Witherow on 13 February 1963 with the following results:

- a. Information on a second reliable radio frequency for command is not available.
- b. The arming tone system provided in payloads 110, 112 and 130 is not elaborate and it couldn't be simplified even if a second radio frequency were employed.

2. The concept was finalized on 17 January 1963 and the enclosed schedule is based on this design. Further evaluation of these parameters seems unnecessary, but if new requirements are established by Code 5430 a delay in the launch will be required to meet the new requirements.

3. Code 5430 is also reminded that the complexity of the command system planned for 110, 112 and 130 greatly exceeds the requirements on which the 19 July 1962 budget estimates were based and it is regrettable that these command requirements are not properly documented.

Martin J. Votaw
Head, Satellite Techniques BranchHANDLE VIA
BYEMAN-TALENT-KEYHOLE-~~SECRET~~
CONTROL SYSTEMS JOINTLY~~TOP SECRET~~Copy 1 of 3 copies

