

*Run-down on Looking  
responsibilities to  
readiness (see 3.6)*

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DEPARTMENT OF THE NAVY  
NAVY SPACE PROJECT OFFICE, PM-16  
WASHINGTON, D.C. 20380

IN REPLY REFER TO

PM-16-41  
29 Sep 1971*PM-16 11/2/71*

## MEMORANDUM FOR THE RECORD

SUBJECT: Task Group Assignments for Mission 7107

1. A meeting was held at NRL on 28 September 1971 to discuss Task Group assignments for Mission 7107. In attendance were the following:

NSANRONSGLT Morgan  
ENS BoothPM-16NRLMr. Wilhelm  
Mr. Eisenhower  
Mr. Hammarstrom  
Mr. W. J. Jales  
Mr. Martin2. Discussion

a. It will take ~~NRL~~ approximately 2 weeks after launch to orient the 7107 spacecraft and perform the initial engineering checkout. Two weeks will then be required to evaluate the ELINT payloads and the ground sites. It was noted that there are over 2600 possible Task Group combinations in 7107. It will take approximately 42 days to thrust pairs a horizon apart (1000 seconds of arc). NRL expressed the feeling that 2 months after launch the engineering checkout, evaluation and refinements would be complete and 7107 would be operational.

[redacted]

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*Control systems* of 1  
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b. NSA requires an early check on the capability to process the four pulse widths on the three transmitters with the PDE. After the initial 2-week period, NSA will receive all tapes from all sites, with NRL duplicating and retaining those tapes of engineering interest.

c. Tasking during the engineering phase will not prevent sites from pursuing signals of interest.

### 3. Action

a. NRL will forward to NSG by 22 October 1971 the Task Groups to be utilized during the engineering checkout and evaluation.

b. NSA, NSG, and SOC will, within the next month, prepare the preliminary operational Task Groups.

4. In preparation for the introduction of the PDE and second-generation computer at [ ] there will be a swap of the locations of the two SEL 810 computers at that site. It is expected that the swap will take place in late October 1971. It will entail one day of down time during which there will be no realtime processing. The site will, however, continue to collect and preserve all data.

5. The PDE will arrive at [ ] about 15 November 1971. There will be one computer off the line for 2 days while the PDE is interfaced. The other computer will remain operational. PDE checkout should take approximately 2 weeks. Through December, it is requested that 1 - 2 revs of 7105 each day be flexibly tasked at the station to provide operator training. Based on a mid-December launch of 7107, it is further requested that the same program be implemented with 7107 for a month after engineering evaluation is completed. SOC will allow some latitude in tasking during the PDE training phase. Training will be accomplished with the close cooperation on tasking between the sites, SOC, and NSA.

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 BYEMAN EARPPO  
 SUBJ: PROGRAM C UTILIZATION

1. THE FORTHCOMING LAUNCH OF MSN 7107 THIS NOV REQUIRES THAT A PLAN FOR THE FUTURE UTILIZATION OF ALL THREE MISSIONS (7105, 7106, AND 7107) BE PERFORMED TO BEST SATISFY USIB REQUIREMENTS WITH EXISTING PROCESSING FACILITIES. THE NRO CONCERN IS THAT THE SATELLITES AND PROCESSING CENTERS BE TASKED IN A MANNER THAT OPTIMIZES THE PECULIARITIES OF THE INDIVIDUAL SATELLITES, THE PROCESSING LOAD OF EACH FIELD SITE, AND THE CENTRAL PROCESSING/ANALYSIS CAPABILITY OF [REDACTED] NSA  
 2. TO ASSIST IN FORMULATING A GENERAL TASKING POLICY, THE NRO REQUESTS THAT NSA AND THE NSG FIELD STATIONS REVIEW THEIR PROCESSING CAPABILITY WITH REGARD TO VOLUME, TIMELINESS, AND CATEGORY OF DATA FOR EACH OF THE THREE MISSIONS. REQUESTED DATA IS EXPECTED BY 8 OCT

PAGE 2 WHIG 1177 ~~TOP SECRET~~

AFTER WHICH TIME ALL PRINCIPALS CAN MEET TO FINALIZE THE TASKING AND PROCESSING PROGRAM.

3. IT IS FELT THAT 7107 WILL BE TASKED TO ITS FULLEST BY THE PRIME MISSION REQUIREMENTS OF GENERAL SEARCH AND OCEAN SURVEILLANCE; THAT 7105 WILL BE TASKED AT SOME REDUCED LEVEL AND MAINLY IN SUPPORT OF FIELD REQUIREMENTS; AND THAT 7106, WHICH CANNOT GEOLOCATE, CAN PERFORM SOME SPECIALIZED STUDIES FROM UNIQUE EMITTERS. AN EXAMINATION OF ACTUAL CAPABILITIES WILL DEFINITIZE THIS LISTING TO SPECIFICS, THEREBY INSURING PROPER UTILIZATION OF EXISTING RESOURCES.

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