



DEPARTMENT OF THE NAVY

CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, DC 20350-2000

IN REPLY REFER TO
OPNAVINST 3913.3
N912D
11 January 1995

OPNAV INSTRUCTION 3913.3

From: Chief of Naval Operations

Subj: PROCEDURES FOR NAVY PARTICIPATION IN THE DEPARTMENT OF
DEFENSE SPACE TEST PROGRAM (STP)

Ref: (a) OPNAVINST 3913.1/AF Regulation 80-2/AR 70-43

1. Purpose

a. To establish management and coordination procedures for Navy participation in the Department of Defense Space Test Program (STP).

b. To ensure effective working relationships and responsive interface with the Department of the Air Force on STP matters.

2. Background. The STP as outlined in reference (a) was created to provide spaceflight for advanced Department of Defense (DOD) research and development (R&D) experiments which are not authorized to fund their own spaceflight. The Directorate of Space Systems and Command, Control and Communications (HQ USAF/AQS) is the executive office for the DOD STP. Program planning, engineering and operational functions are executed by the Air Force Space Systems Division, Space Test and Small Launch Vehicle Program Office (SMC/CUL), at Los Angeles Air Force Base, Los Angeles, California. The Naval Research Laboratory (NRL) is chartered to act as the liaison office for the Navy on matters dealing with the STP. NRL maintains a field component co-located with the Air Force Space Systems Division at Los Angeles Air Force Base. NRL executes the management of the Navy Space Test Program in accordance with reference (a) and/or as directed by Chief of Naval Operations.

3. Policy. The Department of the Navy will continue to use the STP to provide access to space for meaningful, militarily relevant experiments. Experiments submitted for consideration will be ranked annually by a panel of qualified reviewers according to military relevance, funding, experiment quality and flight readiness. Experiment sponsors should be technical members of the Office of Naval Research, Naval Research



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Laboratory, Naval Space Command (NAVSPACECOM), Naval Systems Commands (and their field activities) and other applicable research and development activities. Experiment sponsors are responsible for funding of experiment management, development, production, testing and delivery to the integrating contractor. Experiment integration and launch are funded by the Air Force, in accordance with a Memorandum of Agreement produced prior to spaceflight assignment.

4. Information. Candidate experiments may be submitted to NRL by their sponsor, at any time during the year using DD 1721 or 1721-1, as appropriate, following the direction in reference (a), attachments 2 and 4. Additionally, the following shall apply:

a. Annually, in February/March, experimenters will have the opportunity to present their experiments before the Navy STP committee. This committee shall consist of (at a minimum) the following representation: Office of Naval Research, Naval Research Laboratory, Chief of Naval Operations (CNO) (N63 and N912), Space and Naval Warfare Systems Command (SPAWARSSYSCOM) and the Naval Space Command as decided by the individual activity's commander/commanding officer. The Commanding Officer, NRL, will serve as chairperson. Experiments that meet the criteria of the Military Man in Space Program (MMIS)/Mid-Deck Locker and Free Flyer categories will be presented to this committee for review and prioritization. At the conclusion of the meeting, the Navy priority list for Free Flyer and MMIS experiments will be established and forwarded to the Air Force Directorate of Space Systems, Command Control and Communications (AF/AQS), via CNO (N091) in accordance with reference (a).

b. Annually, in May, the Air Force Directorate of Space Systems, Command, Control and Communications convenes a Tri-Service Experiment Review to determine the relative priority of all DOD STP experiments. Navy representatives and voting members of the panel will be selected from NRL, NAVSPACECOM, SPAWARSSYSCOM and CNO (N912, N63). CNO (N912) will coordinate specific representation for Free-Flyer Experiment Review and MMIS/Mid-Deck Locker Experiment Review with NRL, after review of experiments to be presented.

c. Periodically, the Air Force Space Systems Division, Space Test and Small Launch Vehicle Program Office (SMC/CUL) may contact experimenters directly to investigate possible spaceflight opportunities.

5. Action

a. The Commanding Officer, NRL, Washington, DC shall:

(1) Publicize and solicit the submission of experiments for the Navy Space Test Program.

(2) Accept candidate experiments on behalf of the Navy. This shall be indicated by signature on the DD 1721 or 1721-1.

(3) Annually in February/March, convene the "Navy Call for Experiments" to technically evaluate, approve and rank candidate experiments. The evaluation criteria shall be: military relevance, experiment quality, funding, and flight readiness. If the Tri-Service Experiment Review evaluation criteria changes either through formal policy change or by formal change to reference (a), NRL will change Navy evaluation criteria to ensure consistency in grading criteria during "Navy Call for Experiments."

(4) At the conclusion of the "Navy Call for Experiments," provide a prioritized list of the candidate experiments to CNO (N091 via N912) for approval.

(5) Assign qualified personnel to provide technical and managerial expertise to sponsors and experimenters.

(6) Ensure that all forms required for submission of STP experiments to the Air Force Directorate of Space Systems, Command, Control and Communications (AF/AQS) are compiled and made available to CNO (N091) as required.

(7) Represent the sponsors and experimenters of Department of the Navy STP experiments to the Air Force Space Systems Division, Space Test and Small Launch Vehicle Program Office (SMC/CUL) throughout the experiment's life cycle.

(8) Provide a representative voting member to the annual Tri-Service Experiment Review.

(9) Prior to acceptance of a space flight commitment, verify funding and schedule realism with the experiment sponsor and the experimenter.

(10) Solicit funds from experiment sponsor to defray the cost of support provided by NRL.

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(11) Issue a "lessons learned" summary to all applicable commands after the "Navy Call for Experiments" and the Tri-Service Experiment Review.

(12) Conduct additional reviews and briefings, sponsor technical interchange meetings and carry out other activities to assure the integrity and promote the Navy's role in space through participation in STP.

b. Experiment sponsors/principal investigators shall:

(1) Nominate candidate experiments to NRL by submission of DD 1721 or 1721-1 in accordance with reference (a).

(2) Present the experiment at the "Navy Call for Experiments" Technical Panel upon invitation and at the Tri-Service Experiment Review.

(3) Maintain contact with NRL subsequent to submission of the DD 1721 or 1721-1 to obtain experiment priority and status.

(4) Coordinate submission of all correspondence regarding funding, experiment parameters and schedules with NRL. Direct contact with the Air Force Space Systems Division, Space Test and Small Launch Vehicle Program Office (SMC/CUL) shall be coordinated with NRL.

c. CNO (N091) shall:

(1) Review and approve the experiment priority lists for MMIS/Mid-Deck Locker and Free Flyer experiments following submission by NRL.

(2) Endorse/approve the experiment priority lists and submit them to the Air Force Directorate of Space Systems, Command, Control and Communication (AF/AQS) not later than 1 April each year.

(3) Provide a representative voting member (N912) for the STP Technical Panel during the "Navy Call for Experiments."

(4) Provide a representative voting member (N912) to the Air Force Directorate of Space Systems, Command, Control and Communication (AF/AQS) Tri-Service Experiment Review.

(5) Coordinate the specific representation to the Free Flyer Experiment Review and MMIS/Mid-Deck Locker Experiment Review with NRL.

(6) Provide input to NRL with regard to lessons learned from the presentations at the "Navy Call for Experiments" and the Tri-Service Experiment Review.

d. Chief of Naval Operations (N6) shall:

(1) Coordinate with the Commanding Officer of NRL the conduct of a review of Military Man in Space (MMIS) experiments in conjunction with the "Navy Call for Experiments."

(2) Provide a representative voting member (N63) to the "Navy Call for Experiments" Technical Panel.

(3) Provide a representative voting member (N63) to the annual Tri-Service Experiment Review.

(4) Provide input to NRL with regard to lessons learned from the presentations at the "Navy Call for Experiments" and the Tri-Service Experiment Review.

e. NAVSPACECOM shall:

(1) Serve as an experiment sponsor when appropriate.

(2) Attend annual "Navy Call for Experiments" and participate in formulating Navy priority lists for experiments.

(3) Attend annual Tri-Service Experiment Review as a Navy representative and voting member for prioritization of DOD STP experiments.

(4) Advise Chief of Naval Operations on naval operational utility and naval capability/impact of providing support for proposed STP experiments.

f. SPAWARSYSCOM shall:

(1) Serve as an experiment sponsor when appropriate.

(2) Attend annual "Navy Call for Experiments" and participate in formulating Navy Priority lists of experiments.

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(3) Attend annual Tri-Service Experiment Review as a Navy representative and voting member for prioritization of DOD STP experiments.



T. D. RYAN

By direction

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