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Office of the Secretary of Defense SUS. 4. 872  
Chief, RDD, ESD, WHS

Date: 27 MAR 2014 Authority: EO 13526

Declassify: x Deny in Full: \_\_\_\_\_

Declassify in Part: \_\_\_\_\_

Reason: SUS. 4. 872(4)(c)

MDR: 13-M-4714

1977

MEMORANDUM FOR UNDER SECRETARY OF THE AIR FORCE  
ASSISTANT SECRETARY OF THE ARMY (RESEARCH, DEVELOPMENT  
AND ACQUISITION)  
ASSISTANT SECRETARY OF THE NAVY (RESEARCH, ENGINEERING  
AND SYSTEMS)  
ASSISTANT SECRETARY OF THE AIR FORCE (RESEARCH,  
DEVELOPMENT AND LOGISTICS)  
DIRECTOR, DEFENSE ADVANCED RESEARCH PROJECTS AGENCY  
DIRECTOR, DEFENSE COMMUNICATIONS AGENCY  
DIRECTOR, DEFENSE MAPPING AGENCY

SUBJECT: Annual Space Program Review

The Department of Defense is conducting an annual review of space programs in support of (1) the President's Annual Aeronautics and Space Report to the Congress, (2) Under Secretary of Defense (Research and Engineering) testimony before the Senate Committee on Commerce, Science and Transportation, (3) coordination in the Aeronautics and Astronautics Coordinating Board, and (4) the review of the FY 1979 and FY 1980 budgets by the Office of Management and Budget. All DoD current and projected space programs will be compared so that (1) Government-wide plans and estimates can be understood, coordinated and reviewed; and (2) the significant problems requiring interagency coordination or resolution in the budget process can be identified and resolved in a timely manner.

Information regarding all space or space-related program elements is requested. It is recognized that program projections and estimates in the outyears may include proposals under consideration which do not necessarily represent final or firm departmental positions. To be consistent with the FY 1979 President's Budget Submission, update information may be provided.

A list of program elements in Attachment 1 is provided as a guide. Any missing applicable program elements should be added. The specific format for the submissions is contained in Attachment 2. Each agency is requested to submit an original and four copies of each space program data sheet by 1 December 1977.

The Air Force provides about 65 percent of the material for the report. Therefore, I am again asking the Air Force to assemble all of the submissions by category for OSD review. During this review period, the Air Force will also prepare the necessary program cost summary tables.

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Date: MAR 27 2014

13-M-4714

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2

My Assistant Director, Space and Advanced Systems, will have overall cognizance of this project, assure timely OSD review, and provide any guidance necessary for the Air Force to undertake the final preparation of the complete report. This project should be completed by 16 January 1978.

In the interest of providing proper coordination, the addressees are requested to provide by 7 November 1977, the name of an individual in their respective agencies who will serve as a single point of contact for this project.

Signed  
Gerald P. Dinneen  
Principal

**Attachments**

1. Program Element Listing
2. Format

Prepared by [redacted] jw/28 Oct 77  
OAD(S&AS) [redacted]

AD(S&AS) [redacted] DD(S&SS) [redacted] 11/2/77

GSD 5 U.S.C. § 552(b)(6)

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Chief, Records & Declass Div, WHS  
Date: MAR 27 2014

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77-4887

DoD Space Programs

Program Element Listings

Army

33142A Satellite Communications Ground Environment  
 34113A Special Systems  
 35164A NAVSTAR GPS  
 61102A Defense Research Sciences  
 62111A Atmospheric Investigations  
 63403A NAVSTAR Global Positioning System (GPS)  
 63712A Mapping and Geodesy  
 63730A Tactical Surveillance Systems  
 64716A Mapping, Charting and Geodesy  
 65301A Kwajalein Missile Range  
 65804A White Sands Missile Range

Navy

11221N Navy Navigation Satellite System Project  
 12427N NAVSPASUR  
 33109N Satellite Communications  
 33126N Long Haul Comm - DCS  
 34111N Special Systems  
 34113N Special Systems  
 35111N Shipboard Satellite Readout Equipment  
 35160N DMSP  
 35164N NAVSTAR GPS  
 61153N Defense Research Sciences  
 62712N Surface Target Surveillance  
 62721N C<sup>2</sup> Technology  
 62759N Ocean and Atmosphere Support Technology  
 63207N Remote Ocean Measuring System  
 63401N Support Technology NAVSTAR GPS  
 63451N Space Technology (Adv.)  
 63763N Aerospace Ocean Surveillance  
 64511N Intelligence Systems

Air Force

12311F NORAD COC  
 12325F Joint Surveillance System  
 12421F Program 437  
 12424F Space Track  
 12431F Defense Support Program (S)  
 12433F Integrated Operational NUETS  
 12449F Space Shuttle  
 12450F Space Defense Operations Program  
 33110F Defense Satellite Communications System

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 Date: **MAR 27 2014**

Attachment 1

EXEMPT FROM GENERAL DECLASSIFICATION SCHEDULE OF EXECUTIVE ORDER 11652 EXEMPTION CATEGORY 3  
 DECLASSIFIED ON: 11/19/2014

~~CLASSIFIED BY: DSP SCG (S) 72~~  
 EXEMPT FROM GENERAL DECLASSIFICATION SCHEDULE OF EXECUTIVE ORDER 11652 EXEMPTION CATEGORY 3  
 DECLASSIFIED ON: 11/19/2014

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2

Air Force, Cont'd

33126F Long Haul Comm - DCS  
33601F Air Force Satellite Communications System  
33602F General Purpose Satellite System  
34111F Special Support Activity  
35110F Satellite Control Facility  
35119F Space Boosters  
35158F Satellite Data System  
35160F Defense Meteorological Satellite Program  
35162F Defense Meteorological Satellite Program (Communications)  
35164F NAVSTAR GPS User  
35165F NAVSTAR GPS Space  
35170 Space Support Program  
35171F Space Launch Support  
61102F Defense Research Sciences  
62101F Geophysics  
62102F Materials  
62203F Aerospace Propulsion  
62204F Aerospace Avionics  
62302F Rocket Propulsion  
62601F Project 3326, Laser Applications  
62702F Command, Control and Communications  
63101F Preliminary Design and Development  
63103F Technology for Radiation Hardening  
63211F Aerospace Structural Material  
63302F Advanced Missile Propulsion  
63401F Space Vehicle Subsystems  
63402F Space Test Program  
63411F Space Shuttle  
63421F NAVSTAR GPS  
63424F Missile Surveillance Technology  
63428F Space Surveillance Technology  
63431F Advanced Space Communications  
63435F Integrated NUDETS  
63438F Satellite System Survivability  
63439F Advanced Space Applications Program  
63605F Advanced Radiation Technology  
63731F Advanced Detection Systems Development  
63749F Satellite Ground Station Interneting  
64406F Space Defense System  
64711F System Survivability  
65101F Project Air Force  
65102F ANSER  
65402F Aerospace  
65705F Lincoln Laboratory  
65706F MITRE  
65806F Acquisition and Command Support  
ASD, ESD, SAMSO, AMD, HQ AFSC  
65807F Test and Evaluation Support  
78022F Eastern Test Range

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Chief, Records & Declass Div, WHS  
Date: MAR 27 2014

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3

Air Force, Cont'd

78032F SAMTEC/WTR

DARPA

61101E Defense Research Science  
62301E Strategic Surveillance  
62301E Space Object Identification  
62701E Gamma Ray Spectrometer Experiment

DCA

33126K Defense Communications System

DMA

35131B Mapping, Charting, Geodesy  
63701B Map, Chart, Geodesy Invest. Proj.  
64701B Map, Chart, Geodesy Engineering/Development Test

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# UNCLASSIFIED

(BE BRIEF)

Classification - SECRET - No Foreign Dissem or Below

## DoD Space Program Data Sheet

<u>Program Element</u>	<u>Name of Project or Program Area</u>	<u>Agency</u>	<u>Mission Area</u>
------------------------	--	---------------	---------------------

1. Basis of Requirement:

(List of missions or goals supported)

2. Brief Description:

(Indicate as appropriate:

- Specific technical objectives
- System characteristics
- Program content including major project and subprojects
- Principal contractors
- Responsible agency organizations
- Relations to other programs
- Other pertinent information)

3. Activity and Accomplishments to Date:

(Indicate past milestones or briefly what has happened up to now)

4. Current Status:

(Indicate scope of current agency approvals and type of activity now underway; e.g., study, design, component development, system hardware development, if operational give date designated as such)

5. Projected Milestones:

(Indicate principal future tests, management decisions, and other events with approximate dates, which are expected to have a major effect on the course of the project or program)

Page determined to be Unclassified  
Reviewed Chief, RDD, WHS  
IAW EO 13526, Section 3.5  
Date: **MAR 27 2014**

(BE BRIEF)

(Not more than 3 pages)

Attachment 2

# UNCLASSIFIED

UNCLASSIFIED

(BE BRIEF)

6. Funding Projection (space-related portion):

	<u>FY 197T</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
RDT&E								
Procurement								
Other Procurement								
O&M								
MILCON								
MILPERS								
Etc.								
TOTAL								

(Indicate space portion of the latest obligational authority approved for each type of funding. Data for FY 76-FY 82 as applicable is needed to meet the full requirements of the study)

7. Basis of Funding Estimates: Percent of program element which is space-related.

(Indicate as percentage that portion of the total program element funding which is space or space-related; and, if pertinent, any assumptions on which funding estimates are based)

8. Total Launch Vehicle Requirements (only where applicable):

(Indicate the total numbers required in the program as projected above including static test, backup, etc., by fiscal year of required delivery)

9. Launch Schedule (only where applicable):

(Indicate, as applicable, the launch schedule associated with the program as projected above)

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(BE BRIEF)

(Not more than 3 pages)

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Authority: EO 13526  
Chief, Records & Declass Div, WHS  
Date: MAR 27 2014

COVERING BRIEF

2 NOV 1977

TO: UNDER SECRETARY OF DEFENSE FOR RESEARCH AND ENGINEERING

FROM: ACTING DEPUTY UNDER SECRETARY OF DEFENSE FOR RESEARCH AND  
ENGINEERING, STRATEGIC AND SPACE SYSTEMS

ROSS N. WILLIAMS  
RADM, U.S. NAVY

PROBLEM: To request information to be used in the Annual Space Program Review.

DISCUSSION: The report resulting from this review will be used in part to prepare the DoD portion of the President's Annual Aeronautics and Space Report to the Congress, your testimony before the Senate Committee on Commerce, Science, and Transportation, coordination in the Aeronautics and Astronautics Coordinating Board (AACB), and review of the FY 1979 and FY 1980 budgets by the Office of Management and Budget. The report will present current and projected DoD space programs in a manner which will permit review, comparison and coordination.

Program element (PE) descriptive summaries in an Office of Management and Budget (OMB) format will constitute the body of the report. A summary review table will be prepared from the PE summaries submitted. All DoD space and space-related programs will be included in the review. The scope of this review has increased due to the increased number of operational programs and the corresponding usage of many types of funds (other than RDT&E). The review thereby crosses many organizational lines within the DoD and assistance for the Services/Agencies in this review is invaluable. Coordination and consolidation of the submissions should be completed by 16 January 1978.

IMPLEMENTATION: A memorandum has been prepared for the three Service Assistant Secretaries and for the Directors of the Defense Agencies concerned (Tab A) requesting submissions for the space and space-related program review. This memorandum requires the Air Force to assemble the material for OBD review and prepare the final report as was done for the last three years. C<sup>3</sup>I assistance in reviewing the Service and Defense Agency submissions is necessary and is requested by this Covering Brief.

RECOMMENDATION: That you sign the attached memorandum (Tab A).

CONCURRENCE: C<sup>3</sup>I [redacted]

The C<sup>3</sup>I point of contact is [redacted]

DO(S&AS) [redacted]

14W/27 Oct 77

DO(S&AS) [redacted]

5 U.S.C. § 552(b)(6)

~~ALL REFERENCES TO ATTACHMENTS IN THIS DOCUMENT SHOULD BE UNCLASSIFIED~~

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RESEARCH AND  
ENGINEERING

~~SECRET~~

THE UNDER SECRETARY OF DEFENSE  
WASHINGTON, D.C. 20301

4 NOV 1977

MEMORANDUM FOR UNDER SECRETARY OF THE AIR FORCE  
ASSISTANT SECRETARY OF THE ARMY (RESEARCH, DEVELOPMENT  
AND ACQUISITION)  
ASSISTANT SECRETARY OF THE NAVY (RESEARCH, ENGINEERING  
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ASSISTANT SECRETARY OF THE AIR FORCE (RESEARCH,  
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DIRECTOR, DEFENSE ADVANCED RESEARCH PROJECTS AGENCY  
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2

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*Gerald P. Dinneen*

Gerald P. Dinneen  
Principal Deputy

Attachments

1. Program Element Listing
2. Format

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DoD Space Programs

77 4887

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34113N Special Systems  
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35160N DMSP  
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62712N Surface Target Surveillance  
62721N C2 Technology  
62759N Ocean and Atmosphere Support Technology  
63207N Remote Ocean Measuring System  
63401N Support Technology NAVSTAR GPS  
63451N Space Technology (Adv.)  
63763N Aerospace Ocean Surveillance  
64511N Intelligence Systems

Air Force

12311F NORAD COC  
12325F Joint Surveillance System  
12421F Program 437  
12424F Space Track  
12431F Defense Support Program  
12433F Integrated Operational NUDETS  
12449F Space Shuttle  
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33110F Defense Satellite Communications System

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Date: MAR 27 2014

Attachment 1

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EXEMPT FROM GPO DECLASSIFICATION SCHEDULE OF  
EXEMPT INFORMATION COLLECTIONS, EXEMPTION CATEGORY [redacted]  
DECLASSIFIED ON [redacted]

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2

Air Force, Cont'd

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35165F NAVSTAR GPS Space  
35170 Space Support Program  
35171F Space Launch Support  
61102F Defense Research Sciences  
62101F Geophysics  
62102F Materials  
62203F Aerospace Propulsion  
62204F Aerospace Avionics  
62302F Rocket Propulsion  
62601F Project 3326, Laser Applications  
62702F Command, Control and Communications  
63101F Preliminary Design and Development  
63103F Technology for Radiation Hardening  
63211F Aerospace Structural Material  
63302F Advanced Missile Propulsion  
63401F Space Vehicle Subsystems  
63402F Space Test Program  
63411F Space Shuttle  
63421F NAVSTAR GPS  
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63431F Advanced Space Communications  
63435F Integrated NUDETS  
63438F Satellite System Survivability  
63439F Advanced Space Applications Program  
63605F Advanced Radiation Technology  
63731F Advanced Detection Systems Development  
63749F Satellite Ground Station Interneting  
64406F Space Defense System  
64711F System Survivability  
65101F Project Air Force  
65102F ANSER  
65402F Aerospace  
65705F Lincoln Laboratory  
65706F MITRE  
65806F Acquisition and Command Support  
ASD, ESD, SAMSO, AMD, HQ AFSC  
65807F Test and Evaluation Support  
78022F Eastern Test Range

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3

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Attachment 2

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O&M								
MILCON								
MILPERS								
Etc.								

TOTAL

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(Indicate, as applicable, the launch schedule associated with the program as projected above)

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