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THE UNDER SECRETARY OF DEFENSE
WASHINGTON, DC 20301-3010

✓ HC/0455 #165



RESEARCH AND
ENGINEERING

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IAW EO 13526, Section 3.5
Date: MAR 03 2016

9 DEC 1985

MEMORANDUM FOR 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, STRATEGIC DEFENSE INITIATIVE
ORGANIZATION
DIRECTOR, DEFENSE ADVANCED RESEARCH PROJECTS
AGENCY
DIRECTOR, DEFENSE COMMUNICATIONS AGENCY
DIRECTOR, DEFENSE MAPPING AGENCY
DIRECTOR, DEFENSE NUCLEAR AGENCY
DIRECTOR, PLANS DIVISION, HQ MARINE CORPS

SUBJECT: Annual Space Program Review

The DoD Space and Space-Related Program Data Handbook has been compiled and published by OUSDRE since 1969. The primary purpose of this handbook is to provide a comprehensive descriptive and budgetary data base for DoD space activities. These data are used to support preparation of congressional testimony, respond to requests from OMB, support activities such as preparation of the annual Aeronautics and Space Report of the President, and special studies.

It is requested that you provide one copy of the Descriptive Summaries (copy only on one side) and the Program Data Sheet (Attachment 1) for all space and space-related programs. Last year's submissions were received late resulting in a delay in publishing the data base used for Congressional testimony. The descriptive summaries are merely duplicates of those provided to OSD in the normal process of compiling the President's Budget, therefore, there is no reason why they cannot be provided on schedule to the OUSDRE point of contact.

Criteria for determining whether a program is space or space-related are provided in Attachment 2. A listing of previously submitted space and space-related programs (Attachment 3) should be updated to reflect any changes, additions or deletions in PEs, categories and percentage of the PE that is space related.

We will continue to use the format adopted for last year's submission. This format consists of providing the Descriptive Summaries in one volume and the Program Data Sheets and financial data base in an Annex. This format allows for the widest distribution of the descriptive data while maintaining strict control of the budgetary information.

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CLASSIFICATION
 DOD SPACE PROGRAM DATA SHEET

Program Element: _____ Program Element Monitor: _____ OSD Focal Point: _____
 Program Name: _____ Org: _____ Phone: _____ Org: _____ Phone: _____

1. () Funding: \$ In Millions
 *Include OSD RIC No. (i.e. RDT&E(0301)), FY 86 87 88 89 90 91
 See Enclosure B.
 RDT&E (Indicate space portion of President's FY 86 Budget
 Procurement for each type of funding.
 Other Procurement Round all figures to nearest
 O&M 10th of a million).
 MILCON
 MILPERS
 etc.

2. () Program Management Overhead: Man-Years
FY 86 87 88 89 90 91
 Officers (Indicate the number of government personnel involved
 Enlisted in the management of the development, acquisition and
 Civilians operation of the system. Do include program office and
 staff personnel at all levels (e.g., if Air Staff Officer
 is responsible for several programs, show that part of the
 manpower devoted to each program)).

TOTAL

3. () Basis for Funding Estimate: Percent of program element which is space related.
 (Indicate as a percentage of the total program element funding which is the space or space-
 related; and if pertinent, any assumptions on which funding estimates are based).

4. () Launch Vehicle Requirements: Indicate total number, type required and delivery date
 including test, backup, etc. If included in the Descriptive Summary, state "See Section _____
 of Descriptive Summary."

5. () Launch Schedule: Indicate, as applicable, the launch schedule associated with the
 program element.

Classified By:
 Review On:

CLASSIFICATION

**CRITERIA FOR SPACE
AND SPACE-RELATED PROGRAMS**

Program includes space-based system elements.

Program with system elements whose primary mission is space related.

Program has system elements whose mission is partially space related.

Support infrastructure (i.e., Management, Administrative, and Logistic support, etc.) is involved with space missions.

Programs contribute to space technology or capability.

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Attachment 1
Enclosure A

DoD SPACE PROGRAM DATA SHEET

Program Element: _____ Program Element Monitor: _____ OSD POC: _____
Program Name: _____ Org: _____ Phone: _____ Org: _____ Phone _____

1. () Funding:

\$ In Millions

FY 86 87 88 89 90 91

2. () Program Management Overhead:

Man-Years

FY 86 87 88 89 90 91

Officers
Enlisted
Civilians
TOTAL

3. () Basis For Funding Estimate:

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4. () Launch Vehicle Requirements:

5. () Launch Schedule:

**OSD RESOURCE IDENTIFICATION CODES FOR USE WITH
DOD SPACE PROGRAM DATA SHEET**

<u>RIC No.</u>	<u>Category</u>
0300	R D T&E-ARMY
0301	R D T&E-NAVY
0302	R D T&E-AIR FORCE
0303	R D T&E-DEFENSE AGENCIES
0410	AIRCRAFT PROCUREMENT-NAVY
0411	WEAPONS PROCUREMENT-NAVY
0425	AIRCRAFT PROCUREMENT-ARMY
0429	OTHER PROCUREMENT-ARMY
0433	OTHER PROCUREMENT-NAVY
0434	PROCUREMENT-MARINE CORPS
0435	AIRCRAFT PROCUREMENT-AIR FORCE
0436	MISSILE PROCUREMENT-AIR FORCE
0437	OTHER PROCUREMENT-AIR FORCE
0438	PROCUREMENT-DEFENSE AGENCIES
0441	MILITARY CONSTRUCTION-NAVY
0442	MILITARY CONSTRUCTION-AIR FORCE
0510	OPERATION AND MAINTENANCE-ARMY
0511	OPERATION AND MAINTENANCE-NAVY
0512	OPERATION AND MAINTENANCE-MARINE
0513	OPERATION AND MAINTENANCE-AIR FORCE
0514	OPERATION AND MAINTENANCE-DEFENSE AGENCIES
0560	MILITARY PERSONNEL-ARMY
0561	MILITARY PERSONNEL-NAVY
0563	MILITARY PERSONNEL-AIR FORCE

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**Attachment 1
Enclosure B**

SPACE PROGRAM ELEMENT LISTING

ARMY

33142A	SATCOM Ground Environment
61102A	Defense Research Sciences
62707A	Mapping & Geodesy
62719A	Mobility/Weapons Effect. Technology
62731A	Military Fac. Eng. Technology
62781A	Energy Technology
63730A	Army TENCAP
63766A	Army TENCAP
64740A	Army TENCAP
64766A	Army TENCAP
64778A	NAVSTAR GPS Test Facilities
65301A	Kwajalein Missile Range
65804A	DARCOM Major Ranges/ Test Facilities

DEFENSE MAPPING AGENCY

35131B	Mapping, Charting, and Geodesy
35159B	DRSP
62716B	MC&G Investigations
63701B	MC&G Invest. and Eng Dev and Technology
64701B	MC&G Investigations & Eng D&T

STRATEGIC DEFENSE INITIATIVE ORGANIZATION

63220C	Surveil, Acq, Track and Kill Assessment
63221C	Directed Energy
63222C	Kinetic Energy
63223C	Sys Architecture Battle Mgmt
63224C	Survivability, Lethality & Key Technologies


DARPA

62301E	Submarine Laser Communications
63226E	Detection of Aircraft
63226E	TEAL RUBY

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AIR FORCE

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11312F	PACCS/WWABNCP
12310F	NCMC TW/AA
12311F	NCNMC Space Defense
12313F	Ballistic Missile TW/AA
12323F	TW/AA Interface Net
12423F	BMEWS
12424F	SPACETRACK
12431F	DSP
12432F	Pave Paws
12433F	IONDS
12894F	Real Property Maintenance Activities
12898F	MGT HQ (Strat Def Forces)
27247F	TENCAP
31313F	Defense Dissemination Program
31314F	IR/EO
31315F	Tech Sensor Collection
	
31334F	Other Commands GDIP Activities
31357F	IONDS
32015F	NEACP/E-4B
33110F	Defense Satellite Communications System
33401F	COMSEC
33601F	Milstar (Air Force Terminals)
33603F	Milstar SATCOM System
33605F	Satellite Communications Terminals
34111F	Special Activities
35110F	Satellite Control Facility
35119F	Space Boosters
35130F	Consolidated Space Operations Center
35151F	Satelite Control Facility Comm
35159F	DRSP
35160F	Defense Meteorological Satellite Program
35162F	DMSP Communications
35164F	Navstar Global Positioning Sys
35165F	Navstar Global Positioning Sys
35171F	DoD Space Transportation System Acquisition
35172F	Bernie
35894F	Real Property Maintenance Activites
35896F	Base Operations
61101F	In-House Laboratory Independent Research
61102F	Defense Research Sciences
62101F	Geophysics
62102F	Materials
62201F	Aero Flt Dynamics
62202F	Aerospace Biotech
62203F	Aerospace Proplusion
62204F	Aero Avionics
62302F	Rocket Proplusion
63211F	Aero Structs & Matl
63217F	Weapon System Power
63250F	Lincoln Laboratory
63302F	Space Missile Rocket Proplusion

USAF
3.3 (b)(1)

OSD 3.3(b)(1)

63314F	Strategic Laser Systems Tech Program
63401F	Advanced Spacecraft Technology
63402F	Space Test Program
63406F	Advanced Military Spaceflight Technology
63410F	Space Sys Env Tech
63424F	Msl Surv Tech
63425F	Advanced Warn System Sys Tech Prog
63428F	Space Surveillance Tech
63431F	Space Communications
63438F	Satellite System Survivability
63735F	WWMCCS Architecture
64406F	Space Defense Systems
64411F	DoD Space Trans Sys Acquisition
64711F	Systems Survivability
64755F	Improved Capability for DT&E
64778F	Navstar Global Positioning Sys
65708F	Nav/Radar/Sled Track Test
65806F	Acquisition & Command Support
65807F	Test and Evaluation Support
65808F	Adv Sys Eng/Plan
65863F	RDT&E Aircraft Support
78022F	SAMTO/ESMC
78032F	SAMTO/WSMC
78034F	SAMTO Communications
78094F	Real Property Maintenance Activites
84731F	General Skill Training
84751F	Professional Military Educations
84772F	Consolidated Space Ops Center DG
85796F	Base Operating Spt for Trng

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DEFENSE NUCLEAR AGENCY

62715H	Nuclear Effects on Electronics
62715H	High Alt. Phenomenology and Applications
62715H	Infrared Phenomenology and Applications

DEFENSE COMMUNICATIONS AGENCY

32109K	WWMCCS System Engineering
33126K	Long Haul Communications - DSCS/JRSC

MARINE CORPS

26139M	DMSP Tactical Terminal
26313M	Marine Telecommunications
26626M	NAVSTAR GPS Manpack Terminals

NAVY

11221N	Navy TRANSIT System
12427N	Navy Space Surveillance
12428N	Space System Control
12498N	Naval Space Command Headquarters
33109N	Satellite Communications
33603N	Milstar Joint Program Office
34111N	Special Activities
35111N	SATDAT Weather Service
35160N	DMSP
61153N	Defense Research Sciences
62712N	Surface/Aerospace Target Surveillance Tech
62734N	Countermeasures Technology
63207N	Environmental Applications
63451N	Space Technology
63704N	Oceanographic Instrumentation
63741N	Satellite Laser Communications
63763N	Wide-Area Surveillance, Systems Eng & Integ
64218N	Environmental Systems
64577N	EHF SATCOM
64777N	NAVSTAR GPS
65867N	Surveillance/Recon Support (TENCAP)

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CHRONOLOGY FOR SPACE AND
SPACE-RELATED PROGRAM DATA COMPILATION

- 17 Dec - Identify Service/Agency Action Officer to OUSDRE point of contact
- 10 Jan - Submit Descriptive Summaries
- 31 Jan - Submit Program Data Sheets
- 1 Apr - Target date for Handbook distribution

Office of the Secretary of Defense SU-SCJSSZ
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Attachment 4