DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, DC 20350-2000

IN REPLY REFER TO

OPNAVINST 5513.16B
N09N2
August 02, 2006

OPNAV INSTRUCTION 5513.16B

From: Chief of Naval Operations

Subj: DECLASSIFICATION OF 25-YEAR OLD DON INFORMATION

Ref: (a) OPNAVINST 5513.1F
(b) EO 12958, as Amended, "Classified National Security Information"
(c) ISCAP ltr of 9 Jan 03

Encl: (1) Listing of Declassification Guides
(2) through (9) Guides for the Declassification of 25-Year Old DON Information

1. Purpose. To supplement reference (a) and to implement the automatic, systematic, and mandatory declassification provisions of reference (b).

2. Cancellation. OPNAV Instruction 5513.16A.

3. Action. Reference (c) approved enclosures (2) through (9) as the official declassification guides for the Department of the Navy (DON). Enclosure (1) is the consolidated Listing of Classification Guides. DON activities will ensure that enclosures (2) through (9) serve as the basis for the declassification of certain 25-year old DON information.

For Ralph B

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Distribution:
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OPNAVINST 5513.16B
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ENCLOSURE	CLASS	ID	SUBJECT
2	U	16B-02	Declassification 25-Year Old DON Information
3	U	16B-03	Systematic Declassification Review of Information in Permanently Valuable DOD Records
4	U	16B-04	Systematic Declassification Review of Foreign Government Information
5	U	16B-05	25-Year Old DON Intelligence Information
6	U	16B-06	25-Year Old Mine Warfare Information
7	U	16B-07	25-Year Old Mine Countermeasures and Mine Hunting Information
8	U	16B-08	25-Year Old DON Cryptologic Information
9	U	16B-09	Finding Aid for Unmarked Restricted Data (RD) and Formerly Restricted Data (FRD)

01. IDENTIFYING DATA:
ID: 16B-02
CL: U
SU: DECLASSIFICATION OF 25-YEAR OLD DON INFORMATION
OC: CNO (N09N2)
CA: CNO (N09N); (N00N); (N2); (N3/N5); (N85); (N86); (N87);
CA: (N88); (N096); CMC (C4I/CIC); COMNAVAIRSYSCOM; COMNAVSEA-
CA: SYSCOM; COMSPAWARSYSCOM; COMARCORSYSCOM; COMNAVNETWARCOM
IOD; CNR; DIRSSP; CO, NRL
OD: 76-06-16
CD: 02-08-30
RD: 07-08-30

02. THREAT/BACKGROUND:

A. Authority. Per Executive Order (EO) 12958, as Amended, of 25 March 2003, and beginning 31 December 2006, DON permanently valuable classified documents are automatically declassified if they are 25 years old or older (and subsequently on 31 December of the year that is 25 years from the date of the original classification). These permanently valuable classified documents can be exempted from declassification only if the information they contain would:

"(1) reveal the identity of a confidential human source, or a human intelligence source, or reveal information about the application of an intelligence source or method;

(2) reveal information that would assist in the development or use of weapons of mass destruction;

(3) reveal information that would impair U.S. cryptologic systems or activities;

(4) reveal information that would impair application of state of the art technology within a U.S. weapon system;

(5) reveal actual U.S. military war plans that remain in effect;

(6) reveal information, including foreign government information, that would seriously and demonstrably impair

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relations between the United States and a foreign government, or seriously and demonstrably undermine ongoing diplomatic activities of the United States;

(7) reveal information that would clearly and demonstrably impair the current ability of United States Government officials to protect the President, Vice President, and other protectees for whom protection services, in the interest of national security, are authorized;

(8) reveal information that would seriously and demonstrably impair current national security emergency preparedness plans or reveal current vulnerabilities of systems, installations, infrastructures, or projects relating to the national security; or

(9) violate a statute, treaty, or international agreement."

B. Applicability. This declassification guide is to be used in the declassification review of that Department of the Navy (DON) classified information which is both 25 years old or older and is determined to have permanent value under applicable statutes. This guide can be used to systematically review records for declassification.

C. Declassification Guides. Every classification guide serves simultaneously as a "declassification guide" because it identifies, either precisely or implicitly by exclusion, that information that does not need to be classified and it specifies the duration of classification for those information elements. Collectively then, all DON classification guides (numbering more than 1100) provide DON declassification guidance. However, experience has shown that it is much more practical to aggregate all DON classification guides into a "declassification guide" which, though it lacks the precision of individual classification guides, is a much shorter and hence a more practical tool for conducting declassification reviews.

D. Permanently Valuable Records. Only those records that have long-term or permanent worth based upon an appraisal of their continuing administrative, legal, scientific, or historical value should be preserved (see Title 44, United States Code). File maintenance procedures are prescribed by SECNAVINST 5210.8D of 31 December 2005. Retention periods for subject categories of Navy and Marine Corps records are prescribed in the comprehensive disposal schedule included in SECNAV Manual 5210.1 of December 2005.

03. MISSION:

A. Accountability and Records of Review Actions. Individuals who discharge declassification responsibilities per this guide are accountable for their decisions in the same manner as those who derivatively classify information. Records will be maintained showing the name and title of the person(s) who reviewed records and the authorization for and date of declassification or the appropriate citation for continued classification.

B. In order to properly apply these guidelines, the individuals charged with declassification review must be familiar with, and be competent in the use of, the entire OPNAVINST 5513 series of security classification guides (see paragraph 10). Additionally, it is very important for reviewers to remember that though a record may have been originated by a DON activity, it may contain classified information over which the DON does not exercise declassification authority. In fact, virtually all file series contain classified information originated by other agencies. Reviewers should be knowledgeable enough to recognize this "other agency" classified information and, when authorized, apply that agency's declassification guide(s); alternatively, reviewers must know whom to contact for assistance in reviewing such information, normally the originator of the information.

C. If it is necessary to annotate that a document contains information exempted from 25-year automatic declassification, the notation "Exempted 25X4, Declassify when authorized by OPNAVINST 5513.16, enclosure (2)" will be applied to the cover of the document to indicate that it falls under a 25-year automatic declassification exemption category (in the foregoing example, exemption category 4).

D. An initial re-review of records containing information exempted by this guide shall occur within 15 years of the date of the Interagency Security Classification Appeals Panel (ISCAP) approval of this guide, no later than 16 December 2017. Subsequent re-reviews shall occur within 15 years of the date of the prior re-review, using declassification guidance in effect at the time of the re-review. Whenever a scheduled re-review is not conducted, notification will be provided within 90 days to the Director, Information Security Oversight Office through the Under Secretary of Defense (Intelligence). The notification will explain why the re-review was not completed and provide a date certain by which the re-review will occur; not more than five years from the date of notification.

04. FINANCIAL: All DON financial information 25 years old or older is declassified unless it reveals information identified as requiring continued protection by classification elsewhere in this guide.

05. MILESTONES: All DON milestones information 25 years old or older is declassified unless it reveals information identified as requiring continued protection by classification elsewhere in this guide.

06. DESIGN PERFORMANCE AND FUNCTIONAL CHARACTERISTICS: Not applicable.

07. OPERATIONAL AND TACTICAL: (The various 25-year automatic declassification exemption reasons follow each of the information elements cited in this guide).

A. Systematic declassification review does not apply to Restricted Data (RD) and Formerly Restricted Data (FRD) as defined by the Atomic Energy Act of 1954 (NOTAL) or to:

(1) U.S. Government (including Department of Defense (DOD) and DON) nuclear or atomic energy information, and classified and unclassified Naval Nuclear Propulsion Information (NNPI). This information requires a case-by-case review by the Original Classification Authority (OCA) before declassification (or, in the case of unclassified NNPI, requires a case-by-case review by the OCA for public releasability). This includes information concerning the safeguarding of nuclear materials or facilities (exempted 25X4 and statutes).

(a) All DON 25-year old or older classified NNPI and all information uniquely applicable to nuclear-powered surface ships or submarines will remain at least Confidential until specifically approved for declassification by the cognizant OCA (exempted 25X2, 25X4, 25X6, 25X9 and statute(s)). Records that are contained in DON Standard Subject Identification Codes 9200 and 9210 are considered "excluded" from the automatic declassification provisions of EO 12958, as are RD and FRD. Additionally, all 25-year old or older unclassified NNPI will remain exempt from public disclosure unless specifically approved in writing by the Chief of Naval Operations (CNO) (N00N). Navy SSIC 9200-9210 records are excluded from automatic declassification.

(b) All DON 25-year old or older classified information applicable to submarine launched ballistic weapon systems will remain at least Confidential until specifically approved for declassification by the Director, Strategic Systems Programs (DIRSSP) or cognizant OCA (exempted 25X4 and statute(s)).

B. DON classified information 25 years old or older on naval weapons and weapon platforms, and the vulnerabilities or

capabilities of systems, installations, or projects which may not be declassified per this guide:

(1) DON conventional surface ship information:

(a) Vulnerabilities of protective systems for surface ships, including:

(1.) Passive protection information concerning ballistic, torpedo, and underbottom protective systems (exempted 25X4).

(2.) Weapon protection requirement levels for conventional, nuclear, biological, or chemical weapons (exempted 25X4).

(3.) General arrangements, drawings, and booklets of general plans for carriers (those in commission only) (exempted 25X4).

(b) Operational characteristics related to the performance of surface ships, including:

(1.) Endurance or total fuel capacity (unclassified for mine countermeasures ships) (exempted 25X4).

(2.) Tactical information, such as times for ship turning, zero to maximum speed, and maximum to zero speed (exempted 25X4).

(c) All static electricity (SE), alternating magnetic (AM), and underwater electric potential (UEP) data for all U.S. Navy surface ships (exempted 25X4).

(2) DON diesel submarine information more than 25 years old and pertaining to subsurface performance tactics, countermeasures, counter-countermeasures, bathymetric, and gravimetric data is unclassified (refer to OPNAVINST S5513.5 series, enclosure (10) (NOTAL) for guidance concerning the USS Dolphin (AGSS-555), NR-1 and other ships and submersibles which are encompassed by the Deep Submergence Program). DON diesel submarine information less than 25 years old that will remain classified includes:

(a) Ship silencing data or acoustic warfare systems data relative to:

(1.) Overside, platform, and sonar noise signatures (exempted 25X4).

(2.) Radiated noise and echo responses (exempted 25X4).

(3.) All vibrations testing (exempted 25X4).

(4.) Seismic, magnetic, and pressure characteristics (exempted 25X4).

(b) Details of operational assignments, such as war plans, anti-submarine warfare (ASW), and surveillance tasks (exempted 25X4).

(c) General arrangements, drawings, and plans of SS-563 class submarine hulls (exempted 25X4).

(d) All SE, AM, and UEP data for all U.S. Navy submarines (exempted 25X4).

(3) DON mine warfare information, including mine performance, mine characteristics, mine sweeping and mine countermeasures, will remain classified as required by OPNAVINST 5513.16 series, enclosure (6), "25-Year Old Mine Warfare Information" and OPNAVINST 5513.16 series, enclosure (7), "25-Year Old Mine Countermeasures (MCM) and Mine Hunting Information."

(4) DON torpedo and torpedo countermeasures information includes:

(a) Information on the radiated output of the following torpedo countermeasures devices: T-MK6 (Fanfare), NIXIE, and NAE beacons (exempted 25X4).

(b) Information on the tactical performance, tactical doctrine, and vulnerability to countermeasures of the MK 37, MK 45, MK 46, MK 48, and MK 50 torpedoes and the SUBROC and ASROC missiles (exempted 25X4).

(c) Data on the damage radii of various torpedoes (exempted 25X4).

(d) Studies or proposals on developmental torpedo countermeasures systems which contain acoustic and performance information on torpedo or torpedo countermeasure systems in the operational inventory (exempted 25X4).

(5) DON Sonar Information. The following information concerning submarine sonars (ANDT-582, BQA-8, BQG-2, BQG-4, BQH-1, BQH-2, BQN-17, BQQ-3, BQQ-5, BQR-2, BQR-7, BQR-15, BQR-19, BQR-20, BQR-21, BQR-22, BQR-23, BQR-24, BQR-25, BQR-26, BQR-T4, BQS-4, BQS-8, BQS-11, BQS-12, BQS-14, BQS-15, BQS-24, OL-152/218, and SQS-49) and surface sonars (SQQ-23 series, SQQ-89, SQQ-89I, SQR-15, SQR-18, SQR-18A, SQR-19, SQS-23 series, SQS-26 series, SQS-53 series, and SQS-56) remains classified:

(a) Accuracy in range, bearing, depth, range rate, and bearing rate (exempted 25X4).

(b) Bandwidth:

(1.) Receiving bandwidth of systems (exempted 25X4).

(c) Countermeasures and counter-countermeasures:

(1.) Susceptibility of sonars to countermeasures, counter-countermeasures, detection decoys and interference (exempted 25X4).

(2.) False alarm rate (exempted 25X4).

(3.) Modulation techniques (exempted 25X4).

(4.) Anti-jamming circuitry (exempted 25X4).

(d) Details of discrete frequency analysis capability (exempted 25X4).

(e) Frequency:

(1.) Passive (exempted 25X4).

(2.) Frequency response (exempted 25X4).

(3.) Frequency modulation (exempted 25X4).

(f) Passive localization time (exempted 25X4).

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(g) Pulse length and minimum pulse length (exempted 25X4).

(h) Range:

(1.) Detection ranges (exempted 25X4).

(2.) Target classification capability at various ranges (exempted 25X4).

(3.) Target track capability at various ranges (exempted 25X4).

(i) Receiving sensitivity (exempted 25X4).

(j) Signal display capacity (exempted 25X4).

(k) Minimum detectable signal level (exempted 25X4).

C. DON operations security (OPSEC) countermeasures, designs, systems and techniques will remain classified more than 25 years unless the capabilities are no longer effective against hostile sensor and processing systems. Information of concern includes:

(1) Low probability or limited range of detection/intercept designs for active sonars, radars, radios, seekers, fuzes, navigation aids or threat recognition systems (exempted 25X4).

(2) Ship, aircraft, missile, or building designs, coatings or locations designed to minimize detectability and identification to hostile imagery, observation, radar or active sonar sensors and processing systems (exempted 25X4).

(3) Wartime reserve modes for naval systems (exempted 25X4).

(4) Design features of ships and aircraft systems (to include materials) that minimize detectability of ships, aircraft and missiles by hostile intercept of acoustic, infrared and black-body radiations (exempted 25X4).

(5) Transmission security designs for communications systems (exempted 25X4).

(6) Specialized jammers to disrupt the functioning of, and weapons systems to neutralize, hostile sensors (exempted 25X4).

(7) Details of wake reduction, pattern painting, back-lighting, smoke, chaff, camouflage and other such designs and techniques whose effectiveness as OPSEC measures would be lost if they were known to hostile intelligence systems (exempted 25X4).

(8) Databases that aid evasion maneuvers, techniques of evasion and evasion devices whose effectiveness would be lost were they known to hostile intelligence systems (exempted 25X4).

(9) Special deception devices and techniques will remain classified Secret until they are no longer operationally effective. Information of concern includes:

(a) Electronic and acoustic simulators, their designs, the signals they radiate and the systems they simulate (exempted 25X4).

(b) Transmission security, traffic analysis, and system/unit/force signature databases to plan manipulative and simulative electronic or acoustic deception (exempted 25X4).

(c) Imitative electronic and acoustic deception capabilities (exempted 25X4).

(d) Dummies, physical false targets and other ways of simulating physical evidence whose effectiveness would be lost if they and their characteristics were known to hostile intelligence systems (exempted 25X4).

(10) Administrative means will remain classified Secret if techniques and organizations are still in use to fabricate documentary, pictorial (to include audio-visual), and physical evidence, or the identities of personnel used to convey controlled information are revealed (exempted 25X1).

(11) All information concerning U.S. and combined naval OPSEC, military deception (or cover and deception), manipulative communications deception, and psychological operations conducted during the Vietnam war are declassified except those which reveal Sensitive Compartmented Information (SCI) and the use of double agents whose identities require protection is information (exempted 25X1 and 25X5) under the classification cognizance of CNO (N3/N5).

D. DON intelligence information: Refer to OPNAVINST 5513.16 series, enclosure (5), "25-Year Old DON Intelligence Information."

E. DON cryptologic information: Refer to OPNAVINST 5513.16 series, enclosure (8), "25-Year Old DON Cryptologic Information."

F. Escape and Evasion Plans. Any escape and evasion plan, regardless of the area covered, which reveals the names of local personnel contacts, the locations of safehouses, or any method that enables U.S. personnel in hostile areas to communicate with friendly forces will remain classified as determined by the OCA. Specifically included for continued security protection is information revealing any classified sources or the identity of any foreign citizens or organizations that may have cooperated in previous escapes or evasions. Plans and actual routes taken must be safeguarded (exempted 25X1 and 25X5).

G. Cover and Deception (also termed "military deception"). Information pertaining to cover and deception matters is classified and downgraded per the guidance in OPNAVINST S5513.4 series, enclosure (10) (NOTAL). In general, the following will continue to be classified if not declassified by official action:

(1) Strategic and Departmental or other Service plans that continue to exert influence, or that were successful yet were undetected by the nation against which conducted, remain classified Secret (exempted 25X5). CNO (N3/N5) maintains a list of declassified plans.

(2) Policies, organizational arrangements, general objectives, and terminology that are still in current use will remain classified Confidential (exempted 25X5).

(3) Doctrine and tactics that are still current will remain classified Confidential (exempted 25X5).

(4) The identities of individuals used to convey information

for deception will remain classified Secret (exempted 25X1).

(5) Still extant operational requirements for deception systems, and systems that remain in the inventory, will remain classified Confidential (exempted 25X4 and 25X5).

H. Foreign Relations or Military Plans and Operations. Classified information in DON records that is internationally-sensitive and has been officially determined to adversely affect the foreign relations of the United States (exempted 25X6). This includes NSI which could affect the current or future military usefulness of DON policies, plans, or operations when such information would reveal courses of action, concepts, tactics, or techniques that are used in current operations plans (exempted 25X5). Military plans or operations of particular concern are records on the research, development, test, and evaluation of chemical and biological weapons and defensive systems; specific identification of chemical and biological agents and munitions; chemical and biological warfare plans; and U.S. vulnerability to chemical or biological warfare attack. Examples of information in these categories that remain classified include:

(1) Statements that are critical of, or derogatory towards, Allied Nations will be protected as marked and is information (exempted 25X6) under the classification cognizance of CNO (N3/N5).

(2) Derogatory information concerning a foreign chief of state or a degrading evaluation of the character of a foreign government or leader (exempted 25X1 and 25X6).

(3) Chemical, biological, and radiological warfare information which reveals overseas basing, plans for offensive use, or other information which is officially determined to have a potentially adverse effect on current foreign relations of the United States (exempted 25X5 and 25X6).

(4) Post-World War II contingency planning information which is officially determined to adversely affect foreign relations of the United States in Africa, Arab nations, Asia, South America, or other designated geographic areas will remain classified (exempted 25X6). A list of these areas is maintained by CNO (N3/N5).

(5) All Joint Strategic Capability Plan-tasked operations plans and concept plans, and all National Command Authority-directed military contingency plans written by Unified and Specified Commanders in Chief pertaining to the Vietnam conflict will remain classified and is information (exempted 25X5) under the classification cognizance of CNO (N3/N5).

(6) Documents and records containing details of U.S. Navy involvement in operations conducted by the Military Advisory Command, Special Operations Group (MAC/SOG) Da Nang will remain classified and is information (exempted 25X5) under the classification cognizance of CNO (N3/N5).

(7) All documents and records containing details of

psychological operations conducted by U.S. Naval Forces in the Vietnam conflict will remain classified and is information (exempted 25X5) under the classification cognizance of CNO (N3/N5).

I. Prisoners of War (POW) and Missing in Action (MIA): OPNAVINST 5513.10 series, enclosure (8), "POW/MIA Records" (NOTAL), requires the continued classification (exempted 25X1) of intelligence information contained in documents pertaining to American POWs/MIAs. Additionally, EO 12812 of 22 July 1992 prohibits the public release of unclassified POW/MIA information if disclosure of that information would constitute a clearly unwarranted invasion of personal privacy of returnees, family members of POWs and MIAs, or other persons, or would impair the deliberative processes of the executive branch.

J. Sound Surveillance System (SOSUS) data will remain classified as required by OPNAVINST S5513.5 series, enclosure (42) (NOTAL).

08. HARDWARE: Classified per the information revealed.

09. COMPUTER RESOURCES: Not applicable.

10. OTHER: Declassifiers must also be familiar with the classification guidance on the following current systems and programs contained in the DON's OPNAVINST 5513 series (see OPNAVINST 5513.1 series for an explanation of how to use security classification guides):

A. OPNAVINST C5513.2 series (Air Warfare):

02-02	A-6, INTRUDER
02-03	A-7, CORSAIR
02-04	AV-8, HARRIER
02-05	ACEVAL-AIMVAL
02-06	A-4, SKYHAWK
02-07	AGILE (AGM-95) Missile
02-08	Anti-personnel, Anti-material (APAM) Cluster Weapon, CBU-59/B
02-09	Project BEARTRAP
02-10	BULLDOG (AGM-83A) Missile
02-11	BULLPUP (AGM-12) Missile
02-12	CH-46 Helicopter
02-13	CHAPARRAL Missile
02-14	Project CHARGER BLUE
02-15	CONDOR (AGM-53A) Missile
02-16	CRYPTO Installations
02-17	Detector, IRCCM, Single, Two Color
02-18	E-2C, HAWKEYE
02-19	EA-3, SKY WARRIOR

02-20	EA-6B PROWLER
02-21	EC-121, CONSTELLATION
02-22	ERA-3B, SKY WARRIOR
02-23	F-4, PHANTOM
02-24	F-8, CRUSADER
02-25	F-14, TOMCAT
02-26	F/A-18, HORNET
02-27	XFV-12A, VSTOL Technology Prototype
02-28	AH1, Helicopter Series
02-29	H-2, Helicopter
02-30	HARM (AGM-88A) Missile
02-31	HARPOON Weapon System (A/R/UGM-84)
02-34	Airborne Sensor Imagery and Imaging Systems
02-36	Aircraft Inventories and Logistics
02-38	KA-6D Tanker
02-39	Lamps, MK III, SH-60B
02-40	OV-10A/D, BRONCO
02-41	P-3B/C, (ORION) Maritime Patrol Aircraft
02-42	PAVE KNIFE, AVQ-10 Laser Target Designator System
02-43	PHOENIX (AIM-54) Missile
02-44	RA-5C, VIGILANTE
02-47	Rockeye II, MK 20 MODs
02-48	Rocket Motors
02-49	S-2G, TRACKER
02-50	S-3A and S-3B, VIKING Weapon System Improvements
02-51	SH-2G MK I Lamps
02-52	SEA KING SH-3, D/H
02-53	Seeker, Active Optical Terminal Homing (AOTH)
02-56	SHRIKE Missile AGM-45A-1/1A/2/3/3A/3B/4/6/7/9/10
02-57	SIDEWINDER 1C (AIM-9C, AIM-9D, AIM-9G and AIM-9H)
02-58	SIDEWINDER AIM-9L
02-59	SIDEWINDER AIM-9B/E/J/N/P
02-60	Solution Propellants Propulsion Analysis
02-61	SPARROW Missile, AIM-7F
02-62	Standard Arm Missile
02-63	Combat Survivability Program, NAVAIR Aircraft
02-65	Tactical Air Reconnaissance Pod (TARPS)
02-66	AN/ALQ-99, Tactical Jamming System (EA-6B Aircraft)
02-67	ASW Operations Center (ASWOC) Carrier and and Land Based (CV-TSC and VP-TSC)
02-68	Target Recognition, Non-Cooperative (NCTR)
02-69	Target Systems, Aerial
02-71	Tomahawk Cruise Missile
02-72	T-39

02-78	WALLEYE Guided Weapon
02-79	Weapons Control Radar, Advanced Modular
02-80	ZUNI Rocket
02-81	Fuel Air Explosive (FAE), CBU-55/72 and CBU-72B
02-82	Reference File of Avionics
02-84	SPARROW, AIM-7E
02-85	Target, Firebrand Supersonic (XBQM-111A)
02-86	HARPOON Weapon System (Baseline)
02-87	PHOENIX Missile System, AIM-54C
02-88	Low Radar Cross Section (RCS) Materials (Project Newboy)
02-89	EP-3 CILOP Program (Aries II)
02-90	A-6 All Weather Standoff Attack Control System (AWSACS)
02-91	USN Tactical Aircrew Combat Training System (TACTS) and USAF Air Combat Maneuvering Instrumentation/Measurement Debriefing System (ACMI/MDS) Project, AN/USQ-T2(V) and AN/USQ-T4(V)
02-92	Air Expendable Electromagnetic Radiation (EMR) (Non-RF) Decoys
02-93	Supersonic Air-to-Surface Missile
02-94	Pseudo Random Technology
02-95	SPARROW Missile AIM/RIM-7M
02-96	CH-53 Helicopter
02-97	Fuel-Air Explosive (FAE) II Weapons
02-98	Tactical Air Operations Module (TAOM), AN/TYQ-23
02-99	V-22 Osprey Aircraft (formerly JVX)
02-100	Exploratory Development Air Weaponry Program
02-101	BIGEYE Weapon
02-102	Advanced Air-to-Air Missile (AAAM)
02-104	SIDEWINDER Anti-Radiation Missile (SIDEARM)
02-105	PLAT/ILARTS Tapes
02-108	VMX
02-110	Countermeasures Set, AN/ALQ-149
02-111	Supersonic Low Altitude Target (SLAT), AQM-127A
02-112	Standoff Land Attack Missile (SLAM), AGM-84E
02-113	Control Monitor Set, Guided Weapon, AN/AWW-13
02-114	DEMON
02-115	Advanced Interdiction Weapon System (AIWS)
02-116	Unmanned Aerial Vehicle Short Range (UAV-SR)
02-117	AN/APS-137(V) Inverse Synthetic Aperture Radar (ISAR)
02-118	Fuel-Air Explosive Technology
02-119	Airborne Active Expendable Decoy (AAED)

02-120	LIMIT LAKE
02-121	LIMIT RANCH
02-122	LIMIT PYTHON
02-123	SEA RAY
02-124	AN/APG-65 Radar System
02-125	HH-60H, Helicopter Combat Support and HH-60J, Helicopter Medium Range Recovery
02-126	Activated Metal Decoy Flare
02-127	SIDEWINDER AIM-9X
02-128	OR-89AA Forward-looking Infrared Receiver (FLIR)
02-129	P-7 Combat Survivability Program
02-130	OR-262/ALQ-99 Receiver Processor Group (RPG)
02-131	AN/USQ-113
02-132	UHF Data Link
02-133	Advanced Bomb Family (ABF)
02-134	AN/ARR-78(V)1/2 Radio Receiving Set and AN/ALQ-158(V)1 Adaptive Controlled Phased Array Antenna
02-135	AN/ALQ-167(V) Countermeasures Set
02-136	SPARROW Missile AIM/RIM-7 Missile Homing Improvements Program (MHIP)
02-137	MK 2 MOD 7 Penguin Missile System
02-138	Acoustic Intercept System (AIS)
02-139	Electromagnetic Countermeasures Dispensers and Expendables (Chaff and Flares)
02-140	AN/AWG-9, Weapon Control System
02-141	Tactical Surveillance Sonobuoy, AN/SSQ-102
02-142	AN/ALR-67 Advanced Special Receiver (ASR)
02-143	AN/AAR-47 Missile Warning Set
02-144	Infrared Search and Track System (IRSTS), (AN/AAS-42(XN-2))
02-145	AN/ALR-67(V)2, Countermeasures Receiving Set
02-146	AN/ARR-84 and AN/ARN-146 Radio Receiver Set
02-147	CBU-78/B, CBU-78/A/B, CBU-78/B/B, Gator Weapon System
02-148	Advanced Rocket System (ARS)
02-149	Long Range Conventional Standoff Weapon (LRCSW)
02-150	ES-3A Modification Program
02-151	Activated Metal Decoy (AMD)
02-152	P-7A Aircraft ASW Weapon System
02-153	Passive, Directional Sonobuoy, AN/SSQ-53E
02-154	A-12 Aircraft
02-155	AN/AYK-14(V) CP-2090
02-156	AN/AST-4; AN/AST-6, Radar Emission Simulating Sets
02-157	Tactical EA-6B Mission Support (TEAMS), AN/TSQ-142

02-158	Glint and Scintillation Program
02-159	Integrated Defensive Avionics Program (IDAP) Missile Warning System
02-160	AN/ALQ-170(V)
02-161	VH-60 Executive Transport
02-162	Tactical Air-Launched Decoy (TALD)
02-163	Infrared Analysis, Measurements and Modeling Program (IRAMMP)
02-164	AN/AAR-53 (CFF) and AN/AAQ-19 (NAVFLIR) A-12 Aircraft Electro-Optical Systems
02-165	Generic Expendable (GEN-X) Jammers
02-166	AN/AAR-50 Thermal Imaging Navigation Sensor (TINS)
02-167	Improved Extended Echo Ranging (IEER) System; Air Deployable Active Receiver (ADAR), AN/SSQ-101 (XN-1) and Avionics
02-168	AN/AAS-33(A), Detecting and Ranging Set (DRS)
02-169	AN/ALQ-164 Defensive Electronic Counter-measures Set
02-170	AN/ASB-19(V), Angle Rate Bombing Set (ARBS)
02-171	AN/APG-71 Radar System
02-172	Passive, Directional Sonobuoy (AN/SSQ-77A)
02-173	Passive, Directional Sonobuoy (AN/SSQ-77B)
02-174	Air Anti-Submarine Warfare Counter-Countermeasure
02-175	UHF/VHF Radio
02-176	Directional Command Active Sonobuoy System (DICASS), AN/SSQ-62B
02-177	Advanced Airborne AAW Engagement System (A^3ES)
02-178	AN/USC-13 Airborne VLF Communications System (TACAMO Strategic Communications System) with Enhanced VERDIN System (EVS)
02-179	Tactical Electronic Reconnaissance Processing and Evaluation System (TERPES) Phase II Update
02-180	SIDEWINDER, AIM-9S
02-181	Skipper Air To Ground Missile System (AGM-123)
02-182	Tactical Aircraft Mission Planning System (TAMPS)
02-184	Multiple Wavelength Aircrew Laser Eye Protection Spectacle
02-185	F-14D Mission Computer, AN/AYK-14(V) (CP-1700)
02-186	SH-60F CV/ASW Inner-Zone Helicopter
02-187	UH-1N Helicopter Upgrade
02-188	Control-Monitor Set, Guided Weapon,

	AN/AWW-14(V)
02-189	Countermeasures Dispenser System (CMDS), AN/ALE-47
02-190	Evolved Seasparrow Missile (ESSM) Program
02-192	Passive, Directional Sonobuoy, AN/SSQ-57B
02-193	Skyball Data Collection Program
02-194	Shipboard Advanced Radar Target Identification System (SARTIS), Non-cooperative Target Recognition (NCTR)
02-195	Mobile-Miniature Operations Control Center (MOCC), Miniature Anti-submarine Warfare Operations Center (ASWOC)
02-196	FROG Remotely Targeted Weapons System
02-198	Cooperative AV-8B Harrier II Plus
02-199	MV-22 Osprey
02-200	(Formerly LIMIT GHOST)
02-201	MJU-27/B Decoy Device
02-202	ML90 LAMPS Mine Detection System, Magic Lantern
02-203	Generic Acoustic Stimulation System (GASS)
02-204	P-3 Update IV Avionics System
02-205	AN/ALR-66(V) 1, A(V)1, 2, 3, A(V)3, B(V)3, 4, 5 and 6
02-206	AN/APS-130 Radar System
02-207	Project Ballerina
02-208	AN/ALQ-144 Infrared Jammer
02-209	AN/ALQ-157 Infrared Jammer
02-210	AN/APQ-148/156 Multi-mode Radar System
02-211	AN/APS-130 ADVCAP Radar System
02-212	A-6E Upgrade V
02-213	AN/APG-73 Radar System
02-214	E-2C Hawkeye Update Development Program (UDP) (Mission Computer Upgrade (MCU))
02-215	SIDEWINDER, AIM-9M
02-216	VH-3D, Executive Transport
02-217	Forward Looking Infrared (FLIR) Contingency Kit
02-218	Buoy, Satellite Transmitting, AN/WSQ-6
02-219	Egyptian E-2C, Hawkeye
02-220	Egyptian E-2C, Hawkeye, Tactics Trainer Device 15F8E
02-221	Joint Advanced Strike Technology (JAST) Program
02-222	CV-22
02-223	Precision Strike Navigator
02-224	F/A-18 New Technology
02-225	F-14D Tomcat
02-226	Harpoon Weapon System (A/R/UGM-84), Block II Upgrade, FMS Version

02-227	USN Tactical Combat Training System (TCTS)
02-228	Deceptive Electronic Countermeasures (AN/ALQ-126B)
02-229	Deceptive Electronic Countermeasures (AN/ALQ-162)
02-230	Target Sight System (TSS) for AH-1Z
02-231	Advanced Extended Echo Ranging (AEER) System - Air Deployable Low Frequency Projector and Avionics
02-232	ASX-4 Advanced Imaging Multi-Spectral Sensor (AIMS)
02-233	AN/ALR-67(V)3 Countermeasures Receiving Set
02-234	Advanced Anti-Radiation Guided Missile
02-235	Lamps MK III SH-60R
02-236	Signature Managed Air Traffic Control, Approach and Landing Systems (SMATCALS)
02-237	Joint Standoff Weapon System (JSOW), AGM-154
02-238	F/A-18 Active Electronically Scanned Array (AESA) Radar
02-239	CV-22 OSPREY
02-240	T700-GE-401 and T700-GE-401C Turboshaft Engines
02-241	Vertical Takeoff and Landing Tactical Unmanned Aerial Vehicle (VTUAV)
02-242	Unmanned Aerial Vehicle (UAV) Broad Area Maritime Surveillance (BAMS)
02-243	High Speed Anti-Radiation Demonstration (HSAD)
02-244	Special Projects Aircraft (Draft)
02-245	AN/ULQ-21, AN/DLQ-3, countermeasure sets

B. OPNAVINST S5513.3 series (Surface Warfare):

03-02	Channel Finder; AN/WQN-1(V)
03-03	Developmental Guided Missiles
03-04	Ammunition, Long Range Bombardment
03-05	Rolling Airframe Missile (RAM)
03-06	ASROC Missile
03-07	ASW Standoff Weapon (ASWSOW)
03-08	Auxiliary Ships
03-09	Cable Repair Ship
03-10	Chair Heritage
03-11	Aegis, MK-7
03-12	Close in Weapon System (CIWS)
03-13	Combat Direction System (CDS)
03-14	Combat System, ASW, Surface Combatant
03-15	Combat Weapon System, Surface-to-Surface Missile
03-16	Combat System, Shipboard Intermediate Range

	(SIRCS)
03-17	Combatant Ships (less Submarines)
03-18	Control of Shipping, Naval
03-19	Craft, Combatant
03-20	Decoy, Offboard Ordnance Infrared
03-21	Decoy, Offboard Electro-magnetic
03-22	Drag and Noise Reduction Shipboard and/or Torpedo
03-23	Emission, Shipboard Monitor and Control
03-24	Explosive Ordnance Disposal (Non-Nuclear), including Project ORACLE
03-25	Explosives
03-26	Fire Control System, MK-92
03-27	Frigate, Fleet (FFSG)
03-28	Fuzes
03-29	Gun, 8"/55, Major Caliber Lightweight, MK-71 MOD 0
03-30	Guided Missile Destroyer (DDG-47)
03-31	PENGUIN Missile, Norwegian
03-32	Patrol Combatant Missile Hydrofoil (PHM)
03-33	Hydrofoils, R&D
03-34	Infrared Search and Track (IRST)
03-35	Inventory Management Data Non-Nuclear Ordnance (except Chemical/Biological and RDT&E Dollar Amounts)
03-36	Launching, Shipboard Chaff Decoy System/ Programs (CHAFFROC)
03-37	Vertical launch System (VLS)
03-38	Landing Craft, Air Cushion (LCAC)
03-39	Landing Craft, Amphibious Assualt (AALC) JEFF
03-40	Landing Craft, Medium (LCM-9)
03-41	Amphibious Assault Ship (LSD-9)
03-42	Mine Countermeasures Ship
03-43	Navigation, Ship Passive Integrated System (SPINS) and Doppler Sonar Velocity Log (DSVL)
03-44	Navigation System, Shipboard Inertial
03-45	Non-Nuclear Warhead Development, Advanced
03-46	Basic Point Defense Surface Missile System, (BPDSMS)
03-47	Improved Point Defense, Surface Missile System (IPDSMS)
03-48	Projectile, External Burning Assisted (EBAP)
03-49	Projectile, Hi-fragmentation
03-50	Projectile, Guided 8 inch and 5 inch
03-51	Projectile, Rocket Assisted (RAP) 5"/38 and 5"/54
03-52	Propulsors
03-53	Protection Technology, Ship Passive
03-54	Radar, Shipboard Surveillance (SSURADS)

03-55	Rocket Propulsion Technology
03-56	Surface Effect Ship (SES)
03-57	Silencing Data, Ship
03-58	Silencing, Surface Ship
03-59	(NATO SEA) SPARROW, Missile
03-60	Standard Active Missile
03-61	Standard Surface-to-Surface Anti-Radiation Missile (ARM)
03-62	Standard Missile I (SM-1)
03-63	Standard Missile II (SM-2)
03-64	Small Waterplane Area Twin Hull/Auxiliary Ocean Surveillance (SWATH/AGOS)
03-65	Swimmer Weapon System
03-66	Swimmer Delivery Vehicles (SDVS) Related Equipment and Transport Systems
03-67	TALOS Missile
03-68	Security Alarm System, Circuit FZ and 4FZ
03-69	Targets, Air and Ship Vulnerability and Ordnance Systems Analysis
03-70	TARTAR missile
03-71	TERRIER Missile
03-72	Torpedo Defense, Surface Ship
03-73	SEA SPARROW (RIM-7F) Missile
03-74	Vibration Data, Ship
03-75	Standoff Jammer Suppression
03-76	TYPHON Long Range (LR) Missile
03-77	Maritime Prepositioning Ship (T-AK)
03-78	Bomb, Surface Launched Modular Guidance Glide
03-79	Missile Destroyer (DDM)
03-80	Smoke Obscurants
03-82	AN/SQS-26, AN/SQS-53 and AN/SQS-53( ) Sonars
03-83	MK 86 Gun Fire Control System
03-84	AN/SLQ-25 (NIXIE) Security Guidelines
03-85	AN/SLQ-24, EC-15 Ship Towed Acoustic Projector
03-86	Vertical Launch ASROC (VLA)
03-87	Coastal Patrol Boat (PBC)
03-88	AN/SQQ-89
03-89	Limit BANDIT
03-90	Camouflage
03-91	Surface Ship Low Observables
03-92	MK 34 MOD 0 Gun Weapon System
03-93	16" Projectile, EX 148 with Submunition Payload
03-94	Limit KNAVE
03-95	Limit PLAY
03-96	Limit DRAGON
03-97	Dynamic Armor

03-98	Limit CHOW
03-99	Limit RAIDER
03-100	Radar AN/SPS-48C, D or E
03-101	LHD-1 Class Amphibious Assualt Ship (Multi-Purpose)
03-102	Gunfire Control System MK 3 MOD 8
03-103	Remote Sensing of Surface Ship Wakes
03-104	NATO AAW
03-105	Standard Missile III (SM-3)
03-106	AN/SQY-1
03-107	LX Class Amphibious Ship
03-108	US/UK Surface Ship Torpedo Defense Joint Project
03-109	AN/SQQ-89(V), AN/UYQ-25(V), AN/SQQ-28(V), AN/SQS-53B(V), AN/SQS-53C(V), AN/SQS-89(V)-T(V), MK 116 MOD 5 through XX
03-110	Strategic Sealift Ship Program
03-111	Amphibious Assault Direction System (AN/KSQ-1)
03-112	Infrared Search and Track (IRST)
03-113	Quick Reaction Combat Capability (QRCC)/Ship Self Defense System (SSDS) MK 1
03-114	Radar AN/SPS-52C
03-115	Gunfire Control System MK 68
03-116	Fuel-Air Explosive Technology
03-117	Shipboard Advanced Radar Target Identification System (SARTIS), AN/UPX-34(V) Radar Track Discriminator for AEGIS Ships (RTDS)
03-118	Evolved Seasparrow Missile (ESSM) Program
03-119	Cooperative Engagement Capability (CEC)
03-120	AN/SPS-49 Series Radar
03-121	Thermal Imaging Sensor System (TISS)
03-122	AN/SPG-55 Series Radars & MK 76 Fire Control System
03-123	Extended Range Guided Munition (ERGM)
03-124	CVN-71 Passive Protection System
03-125	Navy Mast Mounted Sight (NMMS) System
03-126	AN/SPG-51 Series Radar & Missile Fire Control System MK 74 (All MODs)
03-127	Stabilized Weapons Platform System (SWPS)
03-128	Navigation System, Common Ring Laser Gyro Navigator (RLGN)
03-129	Advanced Enclosed Mast/Sensor (AEM/S) System, Low Observable
03-130	Lightweight Broadband Variable Depth Sonar (LBVDS) Advanced Development Program
03-131	Launched Expendable Acoustic Device (LEAD)
03-132	Tactical Acoustic Communication

03-133	Area Air Defense Commander (AADC) Capability
03-134	Ship Self Defense System (SSDS) MK 2 for LPD-17, LHD-1 and CVN Class Ships
03-135	Joint Maritime Command and Control Capability Ships (JCC(X))
03-136	Signatures of Wakes of Surface Vessels by Remote Sensing
03-137	Signatures of Surface Ship Wakes
03-138	Land Attack Missile Fire Control System (LAMFCS)
03-139	Carrier Protection Program
03-140	NATO SEASPARROW Surface Missile System (MK 57 MOD 4 through 9)
03-141	AN/WSQ-11 Torpedo Defense System (TDS)
03-142	AN/SLQ-25 and AN/ALQ-25A Torpedo Countermeasures (Supplement)
03-143	Countermeasures Anti-Torpedo (CAT)
03-144	AN/SYQ-27, Mission Planning System, Fires Control
03-145	Amphibious Assault Ship (Replacement) (LHA(R))
03-146	Dual Band Radar (DBR)
03-147	Naval Integrated Fire Control - Counter Air
03-148	Naval Electromagnetic Launch (EML) Weapon System
03-149	MK 48 ADCAP (MOD 5 and Beyond), MK 50, and or MK 54 Torpedoes

C. OPNAVINST S5513.4 series (General Intelligence, Cover and Deception, Security and Investigative Programs):

04-02	Exercises Involving Penetration Deception
04-03	Integrated Cover and Deception System (ICADS)
04-04	Intelligence, General Naval
04-05	DON Security and Investigative Matters
04-07	Operational Information Collection System (OICS)
04-08	Offboard Deception Devices (ODDs)
04-10	Deception, Military General
04-12	Operations Security (OPSEC)
04-13	Classic Wizard
04-14	Bullseye/Centerboard/Flaghoist System
04-15	Project Saucepan
04-17	DOD Counterintelligence (CI) Program
04-18	DOD Locks, Safes, Vaults, Containers and Seals Program
04-19	USMC Counterintelligence Communication System (CCS)
04-20	Waterside Security System (WSS)

04-21	Shipboard Physical Security (SPS) System
04-22	National Systems Support for Over-the-Horizon Targeting (LIMIT CENTURY)
04-23	USMC Tactical Remote Sensor System (TRSS)
04-24	Shipboard Nuclear Weapon Security (SNWS) System
04-25	Trading Paint/Sentinel System
04-26	Insider Treat Countermeasures Toolkit

D. OPNAVINST S5513.5 series (Undersea Warfare):

05-02	Active/Passive/Special Purpose Submarine Sonars AN/BQA-8; AN/BQH-8; AN/BQQ-3, -5B/C, -6, -9; AN/BQR-7, -15, -19, -20, -21, -T4; AN/BQR-22 Series (less AN/BQR-22A (EC-15)); AN/BQR-23; AN/BQS-4, -14, -15, -24, and OL-218/BQ
05-03	Acoustic Warfare, Submarine
05-05	Gas Management System
05-08	Charts, ASW Prediction Area
05-09	Charts, Arctic
05-10	Deep Submergence Systems Program
05-11	Detectability Reduction Project, SSN
05-15	Environmental Support Product, ASW
05-18	Intrepid, AN/BSQ-3A
05-19	LAMBDA
05-20	Magnetic Anomaly Detection (MAD) Operational Effectiveness (MOE) Charts
05-22	Rapidly Deployable Surveillance System (RDSS)
05-23	Oceanographic Information
05-24	Oceanic Sounding
05-26	Periscope/Electro-optic Sensor Simulator, Advanced Visual/Near Visual Submarine
05-27	POLARIS/POSEIDON/TRIDENT Weapon System
05-30	SSBN Security Program
05-31	Security Alarm System, Circuit FZ, 4FZ and 5FZ
05-32	Sensor for Attack Submarines and Surface Combatants, High Accuracy Velocity
05-33	Sonar Technical Information, Bionic
05-34	Sonar and Acoustic Warfare Exploratory Development (formerly Sonar and Acoustic Warfare Technical Information)
05-35	Sonar Processing Equipment, SSBN Improved
05-37	Submarine Warfare Matters
05-38	Submarine Technology, Nuclear and Conventional
05-39	SUBROC
05-40	Undersea Surveillance (Mobile Systems) (formerly Surveillance Towed Array Sensor

	System (SURTASS))
05-41	Submarine Support Equipment Program (SSEP)
05-42	Sound Surveillance System (SOSUS)
05-44	Torpedoes (MKs 37, 44, 45, and Freedom)
05-45	Underwater Targets
05-46	Ocean Environment Data and Products
05-48	Towing, High Speed Feasibility
05-49	Underkeel Missile Technology (UMT)
05-50	Unmanned Free Swimming Submersible (UFSS)
05-52	Navy Command and Control System (NCCS) Ashore (formerly ASW Centers Command and Control System (ASWCCCS))
05-53	Submarine Special Operations
05-55	Silencing Data, Ship
05-56	Propulsors, Submarine (formerly Propulsors)
05-57	Vibration Data, Ship
05-58	Hull Integrity Test Dive Site (HITS) Charts
05-63	Submarine Towed Array Improvement Program (TAIP)
05-64	Mobile Submarine Simulator System (MOSS)
05-65	Advanced Submarine Control Program (ASCOP) and Control System Test Vehicle (CSTV)
05-66	Magnetic Anomaly Detection and Identification Ranging (MADIAR)
05-67	Submarine Advanced Combat System (SUBACS)
05-68	AN/BLD-1
05-69	Periscopes
05-70	AN/BRD-7
05-71	MK 50 Torpedo (formerly Advanced Lightweight Torpedo (ALWT))
05-72	Arctic Operations
05-73	Arctic Warfare Programs
05-76	Project Ariadne
05-77	MK 48 Advanced Capability Torpedo (ADCAP)
05-78	MK 46 Torpedo
05-79	Sea Lance (formerly ASWSOW)
05-80	Geophysical Navigation (Geomagnetic Navigation and/or Gravimetric Navigation)
05-81	Quick Reaction Surveillance System (QRSS)
05-82	Ti-100 Titanium Development Program
05-83	Submarine Torpedo Defense (SMTD)
05-84	Special Hull Treatment (SHT) System
05-85	Turbine Pump Ejection System (TPES); Air Turbine Pump (ATP)
05-86	MK 6 Marine Mammal System (MMS) (formerly Marine Mammal Systems)
05-87	Submarine Offboard Mine Search System (SOMSS) (formerly Unmanned Undersea Vehicle (UUV))

05-88	AN/BSY-2, Submarine Combat System
05-89	CLAYMORE SNAPPER, Project
05-90	Submarine Technology for New Design Nuclear Powered Attack Submarines Commencing with SEAWOLF Class (SSN-21)
05-91	Unintentional Transient Exploitation (UTE)
05-92	MK 48 Torpedo
05-93	USS Dolphin, DSV and DSRV
05-95	NLQ-1, Countermeasure
05-96	AN/BQN-17, Depth Sounder
05-97	T-AGS 45
05-98	Torpedo Exploratory and Advanced Development Programs
05-99	Follow-Through Torpedo Warhead (FTW)
05-100	Port Area Surveillance System (PASS) Technology Evaluation Testbed (TET)
05-101	Acoustic Device, Countermeasure (ADC) MK 4
05-102	Countermeasure Command and Control Unit (CMC^2)
05-103	Mobile Multifunction Device (MMD) (ADC-EX-11)
05-104	AN/BSY-1(V) Submarine Combat Control/Acoustic Set
05-105	New Sonar Intercept System (NSIS)
05-106	Acoustic Model Applications Project (AMAP)
05-107	Active Acoustic Countermeasures
05-108	Acoustic Device, Countermeasure (ADC) MK 3
05-109	Active Optics Countermeasures
05-110	Acoustic Device, Countermeasure (ADC) MK 1 MOD 0/1
05-111	Acoustic Device, Countermeasure (ADC) MK 2 MOD 0/1
05-112	Countermeasure Set, Acoustic (CSA) MK 2
05-113	Naval Acoustic Electro-Mechanical (NAE) Beacon MK 2/3
05-114	AN/BQR-22A (EC-15), Sonar Receiving Set
05-115	Advanced Deployable System (ADS)
05-116	Countermeasure Detection and Control Set, AN/WLY-1
05-117	Gas Generator (GG), MK 77
05-118	Sonar Receiving Set, AN/WLR-9/12/17
05-119	Anti-submarine Warfare Training Target System MK 30 MOD 2
05-120	AN/BQH-5(V)
05-121	AN/BQH-9(V)
05-122	AN/BQH-10(V)
05-123	ERDS
05-124	New Attack Submarine Non-Acoustic Signature
05-125	Integrated Electronic Support Measures Mast (IEM)

05-126	High Gain Initiative
05-127	Long-Term Mine Reconnaissance System (LMRS)
05-128	AN/BQS-15 Detecting Ranging Set Forward Look Equipments Engineering Change (EC-17) and Later) and Deep Submergence Obstacle
05-129	Submarine Vertical Launch System
05-130	Mini-Element Recording System (MERS)
05-131	Fixed Distribution Systems (FDS)
05-132	AN/BQH-10 Mini-Acoustic Recording System (MARS)
05-133	AN/BQH-5 Data Gathering Set (DGS)
05-134	Lidar Warning Receiver (LWR), AN/BER-1
05-135	Near Term Mine Reconnaissance System (NMRS)
05-136	Lightweight Hybrid Torpedo
05-137	Project M
05-138	Topgate
05-139	MK 48 ADCAP (MOD 5 and Beyond), MK 50 and/or MK 54 Torpedoes
05-140	Super Cavitating High Speed Bodies Technology
05-141	RIGEL
05-142	Submarine Technology for OHIO Class Submarines Converted for Strike and Special Operations (SSGNs)
05-143	Large Scale Vehicles
05-144	Submarine Technology for JIMMY CARTER (SSN-23) Multi-Mission Project (MMP)
05-145	AN/BQH-11(V)
05-146	Countermeasures Anti-Torpedo (CAT)
05-147	Acoustic Device, Countermeasures (ADC) MK 1 MOD 1
05-148	Acoustic Device, Countermeasures (ADC) MK 2 MOD 1
05-149	Acoustic Device, Countermeasures (ADC) MK 3 MOD 1
05-150	Acoustic Device, Countermeasures (ADC) MK 4 MOD 1
05-151	Gas Generator (GG) MK 77 MOD 0
05-152	Mission Reconfigurable Unmanned Undersea Vehicle (MRUUV)
05-153	Special Towed Array

E. OPNAVINST S5513.6 series (Communications and Satellite Programs):

06-02	Integrated Antenna System, Submarine (SIAS)
06-03	Acoustic Communications System, Integrated (IACS)
06-04	Secure Voice Interoperability System (SVIS)
06-05	Multi-User Special Intelligence Communication

	Tactical Intelligence Communication Center (MUSIC-TICC)
06-06	Circuit Mayflower
06-07	Clarinet Merlin
06-08	Terminal, Compact Very Low Frequency (CVLF)
06-09	Cluster Snuff
06-10	Directed Energy or Particle Beam Communication Systems, Exploratory Development
06-11	Strategic Command and Control Communications System
06-12	High Frequency Anti-Jam (HFAJ)
06-17	TACINTEL/RNINTEL
06-19	SHF Satellite Communications Terminals (Shipboard)
06-21	Satellite Communications, Fleet (FLTSATCOM)
06-22	SSN Integrated Communications System (formerly SSN Integrated Communications Center)
06-25	Terminal, Advanced Narrowband Digital Voice (ANDVT)
06-27	Tactical Telemetry Low Frequency Data Package
06-29	Direction Finding Switching Unit
06-32	Geodetic Satellite (GEOSAT-A)
06-33	Flag Data Display System (FDDS) (Subsystem of Tactical Flag Command Center (TFCC))
06-34	TSEC/KG-40 Modification Program
06-35	Ultra-Low Loss Fiber Optics Program
06-36	ASW Support Group (ASG) Automated Command and Control Computer System
06-37	Submarine Support Group (SSG) Automated Command and Control Computer System
06-38	Operations Support Group Prototype (OSGP) Automated Command and Control Computer System
06-39	TSEC/KG-84C
06-40	Satellite Laser Communications (SLC)
06-41	TACINTEL II
06-42	Tactical Data Information Exchange System (TADIXS)-B Tactical Receive Equipment (TRE)
06-43	ENCAP-C
06-44	Digital Wideband Transmission System (DWTS), Line-of-sight Radio Subsystem (LRS)
06-45	Link 11 Improvement System (LEIS)
06-46	Classic Cobweb
06-47	Classic Aerie
06-48	Classic Raptor
06-49	Classic Argon
06-50	Satellite Communications Geolocation of Radio Frequency Interference (GOFR)
06-51	Reserved for future use (formerly Space-Based

	Radar (SBR))
06-52	Navy Remote Ocean Sensing System (NROSS)
06-53	E-6B Weapons System Security Classification Guide
06-54	Classic Trump
06-55	Integrated Broadcast Service (IBS)
06-56	Mobile User Objective System (MUOS)
06-57	Common Submarine Radio Room (CSSR)

F. OPNAVINST S5513.7 series (Mine Warfare):

07-03	Airborne Mine Countermeasures (AMCM)
07-04	CAPTOR, MK 60 All MODS
07-06	Countermeasures, Mine
07-07	Degaussing and Deperming
07-08	Destructors, Mks 36 and 40 and Mod Kit MK 75
07-11	Magnetic Silencing Project, Surface Ship (SSMSP)
07-12	Marine Biological Systems, Advanced (AMBS)
07-13	Mines, Destructors, Depth Charges and Ancillary Equipment
07-14	Mine Warfare Pilot
07-15	Mobile Mine, MK 67 All MODS, Submarine Launched (SLMM)
07-16	Precise Integrated Navigation System for Surface MCM
07-17	Mine Neutralization Systems (MNS EX 1 MOD 01 and AN/SLQ-48)
07-18	Quickstrike Mines, MK 62-65, All MODS
07-20	Remote Control of Mines (RECO)
07-23	Tactics and Doctrine, Mine Warfare
07-26	MCM Pressure Acoustic Monitoring System
07-28	AN/ALQ-141, Countermeasures Set
07-29	Energetic FAE Fuels
07-30	Airborne Mine Neutralization Equipment
07-31	Magnetic/Acoustic Detection of Mines (MADOM)
07-32	Plessey Mirror Sonar System (MSS) MK1 and MODs
07-33	Versatile Exercise Mine System (VEMS)
07-34	Modular Influence Minesweeping System (MIMS)
07-35	Single Ship Deep Sweep (SSDS)
07-36	AN/AQS-20(XN-1) Sonar, Mine Detecting Set
07-37	Acoustic Tracking Device
07-38	Airborne Mine Detection and Surveillance (AMDAS) System
07-39	Minehunting Sonar Set, AN/SQQ-32
07-40	Non-Acoustic Mine Detection
07-41	Remote Minehunting System
07-42	Shallow Water Mine Countermeasures

07-43	Buried Mine Detector System
07-44	ML90 Lamps Mine Detection System, Magic Lantern
07-45	MK 4
07-46	MK 7
07-40	Non-Acoustic Mine Detection
07-41	Remote Minehunting System
07-42	Shallow Water Mine Countermeasures
07-43	Buried Mine Detector System
07-44	ML90 Lamps Mine Detection System, Magic Lantern
07-45	MK 4
07-46	MK 7
07-47	Research into Factors Causing Mines to Bury
07-48	Near-Term Mine Reconnaissance System (NMRS)
07-49	Very Shallow Water Mine Countermeasures Unit (VSW MCM)
07-50	Advanced Sensors ACTD Technology
07-51	AN/AQS-14, AN/AQS-14A Sonar Detecting Set
07-52	Rapid Airborne Mine Clearance System (RAMICS)
07-53	Organic Mine Countermeasures (OMCM) Technology, Future Naval Capabilities (FNC)
07-54	AN/AQS-20A Sonar, Mine Detecting Set
07-55	Coastal Battlefield Reconnaissance and Analysis System (COBRA)
07-56	Battlespace Preparation Autonomous Undersea Vehicle (BPAUV)

G. OPNAVINST S5513.8 series (Electronic Warfare):

08-02	Countermeasures Receiving Set, AN/WLR-6(V)
08-03	CM/ECCM, General
08-04	Electro-Optics Sensor
08-05	ELINT, General
08-06	Electromagnetic Environmental Synthesizer (ENSYN)
08-07	High Energy Lasers (HEL)
08-09	Hull-to-Emitter Correlation (HULTEC)
08-10	Countermeasures Assessment Simulator (formerly Counter-Surveillance Assessment)
08-11	Laser Guidance Systems
08-13	Miniature Expendable Jammers
08-14	Operational Electronic Warfare and Fleet Electronic Warfare Support Group (FEWSG) Operations
08-15	Optical Augmentation
08-16	Outboard/Outboard II (formerly Classic Outboard)
08-17	Over-the-Horizon Targeting (formerly Outlaw

	Shark)
08-18	Radar, General
08-19	Radar Peculiar to USMC Aviation
08-20	Receiver System, AN/WLR-8(V)
08-21	AN/WLQ-4(V), Sea Nymph
08-24	High Energy Laser Systems (HELS)
08-26	Seafire
08-27	Fiber Optic Sensor System (FOSS) Program
08-28	Submarine Advanced Signal Training System (SASITS)
08-29	Acousto-Optic (A-O) Technology in ESM
08-30	AN/SLQ-34 Electronic Countermeasures Set; AN/SLR-22 Countermeasures Receiving Set
08-31	Countermeasures Set, AN/ALQ-165, Airborne Self-Protection Jammer (ASPJ)
08-32	Have Name, Project
08-33	Signal Detection and Direction Finding SRS-1 (XN-1) System
08-34	SIGSEC (Signals Security Surveillance and Assessment Programs and Systems
08-35	Radar (SAR), Synthetic Aperture
08-36	ECCM Radio, AN/ARC-182(V) (formerly ECCM Applique, AN/ARC-182(V))
08-37	Radar Emitter Classification and Identification (RECI)
08-38	AN/SLQ-32(V)1, (V)2, (V)3
08-40	OSIS Baseline Upgrade (OBU) (formerly OSIS Baseline Subsystem (OBS))
08-41	High Power Microwave (HPM) General Applications
08-42	High Power Microwave (HPM) Generator Research
08-43	Targeting Avionics Technology
08-44	Battle Group Passive Horizon Extension System (BGPHES)
08-45	Relocatable Over-the-Horizon Radar (ROTH-R)
08-46	Mobile Electronic Warfare Support System (MEWSS)
08-47	Marine Corps Electronic Warfare Simulator Suite (MCEWSS)
08-48	Afloat Correlation System (ACS)
08-49	Advanced Marine Airborne Signals Intelligence System (AMASS)
08-50	Integrated Signals Intelligence System (ISIS)
08-51	AN/SLQ-17A(V)2
08-52	AN/SKR-7, Telemetry Data System
08-53	AN/WLR-1H
08-54	Electromagnetic Environmental Effects (E3) Program

08-55	Electronic Intelligence Support System (ESS)
08-56	Wideband System (WBS) (AN/FSQ-/117A(V))
08-57	Counter-ARM Decoy (CAD)
08-58	NULKA (formerly Ship-launched Electronic Decoy (SLED))
08-59	AN/WLQ-4(V)1, Silent Knight
08-60	Wartime Reserve Modes (WARM)
08-61	AN/WSQ-5(V), Countermeasures Receiving Set (Cluster Spectator)
08-62	High Power Microwave Technology and Related Military Systems
08-63	AN/SLQ-49, Inflatable Decoy
08-64	AN/SLQ-39, Chaff Buoy
08-65	AN/SSQ-95, Active Electronic Buoy (AEB)
08-66	Combat Optical Countermeasure Systems (COCMS)
08-67	Tactical Electronic Reconnaissance Processing and Evaluation System (TERPES), AN/TSQ-90D
08-68	LIMIT CENTURY
08-69	Advanced Submarine Tactical Electronic Warfare Support Measures (ESM) Combat System (ASTECS)
08-70	AN/BRQ-2 Classic Erne
08-71	AN/WLR-18(V) Classic Salmon
08-72	AN/MLQ-36 Mobile Electronic Warfare Support System (MEWSS) Product Improvement Program (PIP)
08-73	Ships Signal Exploitation Equipment (SSEE)
08-74	Cryptologic Carry-on Program (CCOP)
08-75	AN/SLY-2(V) Advanced Integrated Electronic Warfare System (AIEWS)
08-76	AN/SLQ-54XN1, AN/SLQ-32B(V) (APB Guide)
08-77	Cluster SNOOP
08-78	CNO-ADF
08-79	AN/SPQ-9B Anti-Ship Missile Defense (ASMD) Radar Set
08-80	Integrated Defensive Electronic Counter-measures (IDECM) Radio Frequency Counter-measures (RFCM) Subsystem
08-81	Tactical Dissemination Module (TCM)
08-82	Cobra Judy Replacement
08-83	"Channel" Hardware Systems
08-84	SIGINT UAV Guide
08-85	Communications Emitter Sensing and Attacking System (CESAS)
08-86	Aircraft Infrared Measurements

H. OPNAVINST S5513.9 series (Nuclear Warfare):

09-02	Special Nuclear Material
09-03	ASROC, Nuclear

09-04	B43 Bomb
09-05	B57 Bomb
09-06	B54 SADM
09-07	B61 Bomb
09-08	Hazards of Electromagnetic Radiation to Ordnance (HERO)
09-09	M422 Projectile
09-10	M454 Projectile
09-11	Nuclear Weapons, General
09-12	Nuclear Electromagnetic Pulse (NEMP)
09-13	PAL (Permissive Action Link)
09-14	POSEIDON/TRIDENT Missile
09-15	Shipboard Nuclear Weapon Security System (SNWSS)
09-16	Remote Sensor Systems (RSSPS) for Physical Security Programs
09-17	SUBROC, Nuclear
09-18	TALOS, Nuclear
09-19	TERRIER, Nuclear
09-20	W45 MADM

I. OPNAVINST 5513.10 series (Advanced Technology and Miscellaneous Programs):

10-03	Continuity of Operations (COOP)
10-04	Construction Projects
10-06	Status of Resources and Training System (SORTS) (formerly unit Status and Identity Report, Navy (UNITREP))
10-07	Manpower
10-08	POW/MIA Records
10-10	Test Ranges
10-11	Uniform System of Alert Conditions (LERTCONS)
10-12	Naval Computer Security (formerly Security, ADP)
10-15	Anticompromise Emergency Destruct (ACED)
10-17	Particle Beam Technology and Weapon Systems
10-20	U.S.-U.S.S.R. Incidents at Sea (INCSEA) Agreement and Associated Matters
10-21	Very High Speed Integrated Circuits (VHSIC) Program
10-22	Wartime Manpower Planning System (WARMAPS)
10-23	Microwave and Millimeter Wave Monolithic Integrated Circuits (MIMIC)
10-24	Wargaming, Naval
10-25	Port Visit Program
10-26	Navy Marine Corps Internet
10-27	Multifunction RF (MRF) Systems and AMRFC TEST BED

10-28 LIMIT MUSTANG (Concept of Operations for OPLAN 5077 Weapons System)

J. OPNAVINST 5513.11 series (Ground Combat Systems):

11-67 Shoulder-Launched Multi-Purpose Assault Weapon (SMAW)
11-68 Marine Integrated Fire and Air Support System (MIFASS)
11-69 Catapult Launched Fuel-Air-Explosive, (CATFAE) Land Mine Countermeasures Systems
11-70 Ground-Air Telerobotic Systems (GATERS)
11-71 Advanced Assault Amphibious Vehicle (AAAV)
11-72 Joint Service Lightweight Integrated Suit Technology (JSLIST)
11-73 Tactical Ballistic Missile Defense (TBMD)
11-74 Marine Corps Combat Operations
11-75 Short Range Anti-Tank Weapon (SRAW)
11-76 Marine Expeditionary Force (MEF) Intelligence Analysis System (IAS)
11-77 M1A1 Firepower Enhancement
11-78 Complementary Low Altitude Weapon System (CLAWS)
11-79 Ground/Air Task Oriented Radar (G/ATOR)

K. OPNAVINST 5513.12 series (Intelligence Research Projects):

12-02 Cluster MANGER
12-03 Cluster BARITONE
12-06 Cluster SPICE, VELVET, HELM, IRIS, IVORY, JADE, GALLOP, CHEVRON, DRAGON, PILOT, VIPER, CARVE
12-07 Cluster CHASE
12-08 Cluster CHIP
12-09 Reserved for future use (formerly Cluster COBB)
12-10 Cluster CORAL
12-11 Cluster CORD
12-12 Cluster COVE
12-13 Cluster DIKE
12-14 Cluster DYE
12-15 Cluster EASEL
12-16 Cluster ECHO
12-17 Cluster ELM
12-18 Cluster GADDER
12-19 Cluster GEODE
12-23 Cluster MAID
12-27 Cluster MARLIN
12-28 Cluster MIRAGE
12-29 Cluster MOSS
12-30 Cluster MOON

12-31	Cluster MUFF
12-32	Cluster MUSKIE
12-33	Cluster MULLET
12-34	Cluster MUM
12-35	Cluster MUTE
12-37	Cluster NOBLE
12-38	Cluster YARD
12-42	Cluster PELT
12-44	Cluster PRIDE
12-47	Cluster RAY
12-49	Cluster ROSE
12-50	Cluster SCATTER
12-52	Cluster TRACE
12-53	Cluster VIOLET
12-54	Cluster WATCH
12-55	Cluster BIRCH
12-56	Project GUARDIAN BEAR
12-57	Cluster MARSH
12-58	Cluster MONSTER
12-59	Cluster HULK
12-60	Cluster RIDER
12-61	Cluster MUG
12-62	Cluster MAPLE
12-63	Cluster MICRON
12-65	Cluster MOUND
12-66	Cluster METER
12-68	Cluster GAMBLER
12-69	Cluster STAR
12-71	Cluster GINGER
12-72	Cluster COTTON
12-73	Cluster PEACOCK
12-74	Cluster RAVEN
12-75	Cluster MACKEREL
12-76	Cluster BEAVER
12-77	Cluster LOCUST
12-78	Cluster PALACE
12-79	Cluster DIGEST
12-80	Cluster TEAR
12-82	Cluster PAINTER
12-83	Cluster THERESA
12-85	Cluster QUEEN
12-86	Cluster QUICK
12-87	Cluster RAIN
12-88	Cluster RIDGE
12-89	Cluster MANTLE
12-90	Cluster VIRTUE
12-91	Cluster CASANOVA
12-92	Cluster FOBIA

12-93	Cluster FORTUNE
12-95	Cluster BANJO
12-96	Cluster STEEPLE
12-97	Cluster PHOENIX
12-98	Cluster FALCON
12-99	Cluster BROWN
12-100	Cluster COBRA
12-101	Cluster ZEUS
12-102	Cluster HERITAGE
12-103	Cluster KIWI
12-105	Cluster BOG
12-109	Cluster SABER
12-110	Cluster COUGAR
12-112	Cluster RESOLVE
12-113	Cluster ANGEL
12-114	Cluster WAKE
12-115	Cluster ICON
12-116	Cluster HARMONICA
12-117	Cluster MIMIC
12-119	Cluster FENCE
12-120	Cluster CASCADE
12-121	Cluster OLYMPIAN
12-122	Cluster GALAXY
12-123	Cluster CONSTELLATION
12-124	Cluster LAKE
12-125	Cluster NOEL
12-126	Cluster TIGE
12-127	Cluster FLAG
12-128	Cluster RUBY
12-129	Cluster URCHIN
12-130	Cluster BLADE
12-132	Cluster UNDO
12-133	Cluster PATIENCE
12-134	Cluster TREE
12-135	Cluster POTOMAC
12-136	Cluster MUM II
12-137	Cluster JULY
12-138	Cluster BEND
12-139	Cluster AUGUST
12-140	Cluster OSPREY
12-141	Cluster LAUREL
12-142	Cluster MINERVA
12-143	Cluster MINNOW
12-144	Cluster WAFFLE
12-146	Cluster WALNUT
12-147	Cluster YOUNGSTER
12-148	Cluster BOURBON
12-149	Cluster MUSHROOM
12-150	Cluster SYRUP

12-151	Cluster GINSENG
12-152	Cluster THORN
12-153	Cluster DRAGNET
12-155	Cluster NEMO
12-156	Cluster PYTHON
12-157	Cluster KID
12-158	Cluster SENATE
12-159	Cluster PORT
12-160	Cluster EASY
12-161	Cluster CREAM
12-162	Cluster GREY
12-163	Cluster JAM
12-164	Cluster JENIFER
12-165	Cluster JOUST
12-166	Cluster PILLAR
12-167	Cluster PUZZLE
12-168	Cluster SCHOOL
12-169	Cluster STREAM
12-170	Cluster COSMOS
12-171	Cluster DAISY
12-172	Cluster NOAH
12-173	Cluster BADGER
12-174	Cluster BUTTON
12-176	Cluster CLOVER
12-177	Cluster NEEDLE
12-178	Cluster SHED
12-179	Cluster DUNCAN
12-180	Cluster THIN
12-181	Cluster KISS
12-182	Cluster PREMIUM
12-183	Cluster LEMNOS
12-184	Cluster OOZE
12-185	Cluster KATE
12-186	Cluster FUNGUS
12-187	Cluster GINTRAP
12-188	Cluster NURTURE
12-189	Cluster SPARROW
12-190	Cluster PERFECT
12-191	Cluster CUTLASS
12-192	Cluster MOUSE
12-193	Cluster QUIVER
12-194	Cluster HAWK
12-195	Cluster SILK
12-196	Cluster VALOR
12-197	Cluster PROVERB
12-198	Cluster DEMON
12-199	Cluster PRESENT
12-200	Cluster LILY

12-201	Cluster TANGENT
12-202	Cluster THUNDER
12-203	Cluster RIPPLE
12-204	Cluster KESTREL
12-205	Cluster SCOTCH
12-206	Cluster CEDAR
12-207	Cluster FILLIP
12-208	Cluster WHISPER
12-209	Cluster ORBIT
12-210	Cluster WHISKY
12-211	Cluster PARTNER
12-212	Cluster BAMBOO
12-213	Cluster MUSIC
12-214	Cluster WISDOM
12-215	Cluster COPY
12-216	Cluster NESSIE
12-219	Cluster ELM II
12-220	Cluster CONDO
12-221	Cluster CORK
12-222	Cluster GIN
12-223	Cluster FLUID
12-224	Cluster CLAMOR
12-225	Cluster BOA
12-226	Cluster JACKET
12-227	Cluster WEASEL
12-228	Cluster VORTEX
12-229	Cluster MASTER
12-230	Cluster REPEAT
12-231	Cluster CONCERN
12-232	Cluster IVY
12-233	Cluster DOVE
12-234	Cluster JOY
12-235	Cluster SLUFF
12-236	Cluster WISE
12-237	Cluster SALAD
12-238	Cluster CHALK
12-239	Project REEF POINT
12-240	Cluster OPUS
12-241	Cluster PENGUIN
12-242	Cluster QUESTION
12-243	Cluster SMILE
12-244	Cluster SMALL
12-245	Cluster GROW
12-246	Cluster CAMEL
12-247	Cluster YOUTH
12-248	Cluster SKATE
12-249	Cluster LOCO
12-250	Cluster BARROW
12-251	Cluster DALE

12-252	Cluster PRINCESS
12-253	Cluster STOUT
12-254	Cluster BUTTON II
12-255	Cluster PICKLE
12-256	Cluster VISIT
12-257	Cluster POLISH
12-258	Cluster PARTY
12-259	Cluster BEGGAR
12-260	Cluster SEVER
12-261	Cluster KUDO
12-262	Cluster GRAVE
12-263	Cluster ASLAN
12-264	Cluster TOAD
12-265	Cluster PUFFIN
12-266	Cluster BINGO
12-267	Cluster BABOON
12-268	Cluster MOOSE
12-269	Cluster GUESS
12-270	Cluster PROFILE
12-271	Cluster PARLOR
12-272	Cluster KAYAK
12-273	Cluster INTEREST
12-274	Cluster IDLE
12-275	Cluster WORRY
12-276	Cluster RANSOM
12-277	Cluster NOVEL
12-278	Cluster PALLET
12-279	Cluster ZEPHYR
12-280	Cluster RELIEF
12-281	Cluster TIKI
12-282	Cluster MOTION
12-283	Cluster PROMISE
12-284	Cluster UNTIL
12-285	Cluster GENERAL
12-286	Cluster CAPTAIN
12-287	Cluster ADMIRAL
12-288	Cluster PETREL
12-289	Cluster COMMANDER
12-290	Cluster ALE
12-291	Cluster AIRBORNE
12-292	Cluster COMMEND
12-293	Cluster GREASE
12-294	Cluster EJECT
12-295	Cluster LATENT
12-296	Cluster EVOLVE
12-297	Cluster DRAIN
12-298	Cluster GOVERN
12-299	Cluster GARTER

12-300	Cluster PANTHER
12-301	Cluster FARMER
12-302	Cluster SUMMIT
12-303	Cluster LUSTER
12-304	Cluster KAPPA
12-305	Cluster DOUGHNUT
12-306	Cluster DUNCAN II
12-307	Cluster PARK
12-308	Cluster MITER
12-309	Cluster RADIUS
12-310	Cluster PRISM
12-311	Cluster SPEAR
12-312	Cluster HOLD
12-313	Cluster PRETZEL
12-314	Cluster MIST
12-315	Cluster KANGOL
12-316	Cluster MODERN
12-317	Cluster CRISP
12-318	Cluster YEOMAN
12-319	Cluster CRITTER
12-320	Cluster PITA
12-321	Cluster ARES
12-322	Cluster ARGUS
12-323	Cluster CHAMBER
12-324	Cluster ZIPPER
12-325	Cluster PERFORM
12-326	Cluster SKIPOLE
12-327	Cluster ASPECT
12-328	Cluster BOCK
12-329	Cluster STINGRAY
12-330	Cluster BOOMERANG
12-331	Project SKYLIGHT
12-332	Classic STEVEDORE
12-333	Cluster KETTLE
12-334	Classic RAPTOR
12-335	Classic AERIE
12-336	Classic ARGON
12-337	Classic COBWEB
12-338	Cluster FERRET
12-339	Bus Oriented Signals Exploitation Network (BOSEN) and Modular Automatic Tactical Element (MATE)
12-340	Cluster STADIUM
12-341	Cluster VOLLEY
12-342	Cluster DIG
12-343	Cluster SPIKE
12-344	Cluster SLUG
12-345	Cluster BASE
12-346	Cluster PLAGUE

12-347	Cluster COIN
12-348	Cluster SOL
12-349	Cluster MOBCAP SPIDER
12-350	Cluster KAPOK
12-351	Cluster PILSNER
12-352	Cluster LAGER
12-353	Cluster VARMIT
12-354	Cluster GRUNT
12-355	Cluster DRAGON
12-356	Cluster FASTBALL
12-357	Cluster FAMINE
12-358	Cluster GOONEY
12-359	Cluster WEEVIL
12-360	Cluster FOOL
12-361	Cluster BUBBLE
12-362	Cluster TACO
12-363	Cluster DISEASE
12-364	Cluster TADPOLE
12-365	Cluster POLLYWOG
12-366	Cluster NIGHTSHADE
12-367	Cluster RAWHIDE
12-368	Cluster CANINE
12-369	Cluster RETRIEVER
12-370	Cluster ADAMS
12-371	Cluster SEAVIEW
12-372	Cluster HUNGER
12-373	Cluster STORM
12-374	Cluster BONE
12-375	Cluster HOUND
12-376	Cluster DROUGHT
12-377	Cluster MONKEY
12-378	Cluster DOG
12-379	Cluster MONGO
12-380	Cluster PURPLE
12-381	Cluster SWAN
12-382	Cluster NOVA
12-383	Cluster LAYMAN
12-384	Cluster MART
12-385	Cluster ANDRA
12-386	Navy Special Projects (LIMIT GOLD)
12-387	Topgate

L. OPNAVINST 5513.13 series (Non-Acoustic Anti-Submarine Warfare (NAASW)):

13-02	Non-Acoustic Anti-Submarine Warfare (NAASW)
13-13	Project Claymore Marine

M. OPNAVINST 5513.15 series (Naval Special Warfare (NSW)):

15-02	NSW Operations and Tactics
15-03	SEAL Weapon Systems
15-04	SEAL Support Systems
15-05	SEAL Delivery Vehicle (SDV) Systems
15-06	Dry Deck Shelter (DDS) System
15-07	NSW Combatant Craft (Including Patrol Coastal (PC) Ships)
15-08	NSW Communications Systems
15-09	NSW Exploratory and Advanced Development
15-10	Advanced Seal Delivery System (ASDS) Systems
15-11	Semi-Autonomous Hydrographic Reconnaissance Vehicle (SAHRV)
15-12	Hydrographic Reconnaissance Littoral Mapping Device (HRLMD)
15-13	Combat Rubber Raiding Craft (CRRC) Survivability Kit (SK) System

01. IDENTIFYING DATA:
ID: 16B-03
CL: U
SU: SYSTEMATIC DECLASSIFICATION REVIEW OF INFORMATION IN
SU: PERMANENTLY VALUABLE DOD RECORDS
OC: CNO (N09N2)
CA: DEPSECDEF
OD: 79-07-03
CD: 02-08-30
RD: 07-08-30

02. THREAT/BACKGROUND: This guide formerly implemented DOD Directive 5200.30 of 21 March 1983 within the DON and was cancelled 14 January 2004. Questions concerning the declassification of DON records containing DOD information will be referred to the originator or CNO (N09N2).

03. MISSION: Not applicable.

04. FINANCIAL: Not applicable.

05. MILESTONES: Not applicable.

06. DESIGN PERFORMANCE AND FUNCTIONAL CHARACTERISTICS: Not applicable.

07. OPERATIONAL AND TACTICAL: Not applicable.

08. HARDWARE: Not applicable.

09. COMPUTER RESOURCES: Not applicable.

10. OTHER: Not applicable.

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Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors; (Administrative/ operational use) (April 2006). Other requests for this document will be referred to CNO (N09N2).

01. IDENTIFYING DATA
ID: 16B-04
CL: U
SU: SYSTEMATIC DECLASSIFICATION REVIEW OF FOREIGN GOVERNMENT
SU: INFORMATION
OC: CNO (N09N2)
CA: ISOO
OD: 80-03-11
CD: 02-08-30
RD: 07-08-30

02. THREAT/BACKGROUND: Foreign Government information is subject to the automatic and systematic declassification provisions of EO 12958, as Amended, of 25 March 2003. However, no declassification action shall be taken without coordination with and approval of the foreign government that owns the information. Questions concerning the declassification of DON records containing foreign government information (FGI) will be referred to CNO (N09N2).

03. MISSION: Not applicable.

04. FINANCIAL: Not applicable.

05. MILESTONES: Not applicable.

06. DESIGN PERFORMANCE AND FUNCTIONAL CHARACTERISTICS: Not applicable.

07. OPERATIONAL AND TACTICAL: Not applicable.

08. HARDWARE: Not applicable.

09. OMPUTER RESOURCES: Not applicable.

10. OTHER: Not applicable.

RANKIN Program Manager Note: Specific and updated guidance may be available from individual agency declassification guides.

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Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors; (Administrative/ operational use) (April 2006). Other requests for this document will be referred to CNO (N09N2).

01. IDENTIFYING DATA:
ID: 16B-05
CL: U
SU: 25-YEAR OLD DON INTELLIGENCE INFORMATION
OC: CNO (N2)
CA: CNO (N2)
OD: 75-11-08
CD: 02-08-30
RD: 07-08-30

02. THREAT/BACKGROUND:

A. Authority. Per Executive Order (EO) 12958, as Amended, of 25 March 2003, beginning 31 December 2006, Department of the Navy (DON) permanently valuable classified documents are automatically declassified if they are 25 years old or older (and subsequently on 31 December of the year they become 25 years old). These permanently valuable classified documents can be exempted from 25-year automatic declassification if the information they contain would, "reveal the identity of a confidential human source, or reveal information about the application of an intelligence source or method, or reveal the identity of a human intelligence source when the unauthorized disclosure of that source would clearly and demonstrably damage the national security interests of the United States" (exemption 1 from Section 3.3(b) of EO 12958, as Amended). Certain DON intelligence information meets this exemption from 25-year automatic declassification and is identified in this declassification guide.

B. Applicability. This declassification guide can be used to systematically review records for declassification or be used to survey large quantities of records to determine if those records are suitable for "bulk" declassification.

C. Permanently Valuable Records. Only those records that have long-term or permanent worth based upon an appraisal of their continuing administrative, legal, scientific, or historical value should be preserved (see Title 44, United States Code).

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Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors; (Administrative/ operational use) (April 2006). Other requests for this document will be referred to CNO (N2) or CNO (N09N2).

File maintenance procedures are prescribed by SECNAVINST 5210.8D of 31 December 2005. Retention periods for subject categories of Navy and Marine Corps records are prescribed in the comprehensive disposal schedule included in SECNAV Manual 5210.1 of December 2005.

D. OPNAVINST 5513.16B, enclosure (2), contains a listing of current DON classification guides.

03. MISSION: To provide detailed guidelines concerning categories of DON intelligence requiring continued protection past 25 years. The following guidelines, coordinated with various DON activities, have been developed by CNO (N2).

04. FINANCIAL: Not applicable.

05. MILESTONES: Not applicable.

06. DESIGN PERFORMANCE AND FUNCTIONAL CHARACTERISTICS: Not applicable.

07. OPERATIONAL AND TACTICAL:

A. Intelligence Sources:

(1) Sensitive sources identified by name, office, title, or in any other way will be protected by continued classification at the Confidential level.

(2) The following definition is provided to assist in determining when a source is to be considered sensitive: A person or organization that provides intelligence to, serves as an agent of, or supports others who provide intelligence which is vulnerable to counteraction and consequent total or partial loss of services if its identity is compromised. A sensitive source is also a person or organization that provides intelligence, or supports others assisting United States (U.S.) intelligence and is subject to protection of its identity and intelligence relationship.

(3) A conventional source is a person or organization which provides intelligence, or supports others who do so, in an unconcealed, overt manner without condition of confidentiality or risk of counteraction. Conventional sources do not require continued classification.

(4) The following examples relating to types of sources commonly encountered in archival intelligence information are provided to assist in applying the foregoing policy:

(a) Private Persons: Any private person, whether a U.S. citizen or foreign national, who provided information to U.S. or allied intelligence on other than their own personal business or background will be considered a sensitive source unless specific information to the contrary is stated. If the document which recorded the information was never classified, any source identified therein will be considered to be conventional and not require continued protection.

(b) Government Officials: The term includes all such officials, whether U.S. or foreign, civilian or military. Government officials who provide information in the normal course of their duties will not be considered to be sensitive sources unless their government requested that confidentiality be maintained for them; the need for confidentiality is inherent to protect a cover arrangement for the official concerned which may still be considered sensitive by the government involved; the information was provided under an intelligence exchange agreement which is still classified or otherwise viewed as sensitive by the foreign government involved. In the last cited instance, the official and the foreign governmental component involved will be protected as sensitive sources. Government officials who provided information without the knowledge of, or in opposition to the policies or interests of their governments, will be considered as sensitive sources and their identities protected.

(c) Non-Government Organizations: Non-Government organizations which are cited as sources of information will be considered to be sensitive sources if the information provided concerns other than their own overt operations (e.g., facilities' production capacities, finances). Such organizations will be treated as sensitive sources if they either provided cover for persons who were sensitive sources; or provided biographic, economic or political information pertaining to areas where they operated. In cases where an employee of a non-government organization is named as providing information from the organization's files without the organization's permission or authority, that person rather than the organization will be protected as a sensitive source.

(d) Prisoners of War (POWS), refugees, line-crossers, deserters, and collaborators will not be considered sensitive sources unless they provide information during interrogations measurably in excess of what might be expected, or actively endeavor to provide information to the detriment of their country's war effort.

B. Intelligence Methods:

(1) Sensitive intelligence methods described in documents will be protected by continued classification at the Confidential level. The following definitions are provided to assist in determining when a method is to be considered sensitive:

(a) Sensitive Method: The means by which support is provided to or intelligence received from sources or agents when such means are vulnerable to counteraction or loss of essential privacy if they are compromised.

(b) Conventional Method: Overt, unconcealed means of supporting intelligence activities or obtaining intelligence information which are both lawful and accepted in the areas where they are used. Conventional methods do not require continued classification.

(2) Acknowledgement in a document of the simple "Fact of" the use of methods such as secret writing, and cover identity, employment or occupation, should not require continued protection. The following examples relating to types of methods commonly encountered in archival intelligence information are provided to assist in applying the foregoing policy:

(a) Operational Activities: Specifics of cover arrangements or details of methods for providing cover to sensitive sources or agents, and methods for the covert infiltration or exfiltration of an agent, are sensitive methods.

(b) Support and Funding Channels: Specific arrangements for and methods of providing logistical support and funding to sensitive sources or agents are sensitive methods. This includes methods of and amounts paid for covert activities such as sabotage or subversion, and payments to sources for information or to others to influence their actions. Support and funding arrangements for overt activities, such as the day-to-day operation of an attaché's office, are examples of conventional methods.

(c) Organization: Specific arrangements of and methods for establishing, controlling or directing sensitive sources or agents functioning covertly are sensitive methods. Overt arrangements, such as the structure of an attache's office or temporary military organizations used during hostilities only, such as the table of organization of a combat intelligence unit, are conventional methods.

(d) Communications Techniques: Specifics of and details of methods for clandestine communications, such as photographic reduction (e.g., microdots), secret writing, field encryption, or high speed radio transmissions and communications intercept are

sensitive methods. Also, techniques for determining whether sensitive material was tampered with during mail handling are sensitive methods.

(e) Psychological Warfare: Information relating to psychological and/or parapsychological research and operational techniques.

08. HARDWARE: Not applicable.

09. OTHER:

A. All DON intelligence dated prior to 1925 is unclassified.

B. Intelligence Sources: The rationale behind this policy is twofold. One, the persons or their immediate families may still be alive and, if the fact were to be made public that they served as an agent or intelligence source, it could result in harm to them, their families, or close associates. Even the assumption that the agent or source is dead is not a proper basis for declassification since close relatives may still be alive. Even though an informant's name is not given in a document, if there is sufficient information to trace the person's identity, such identity will remain classified. Two, new sources will be difficult to recruit unless they are assured that it is U.S. policy to provide continuing protection of their identity.

C. Intelligence Methods: Since intelligence methods used in the period during and immediately after World War II are still in use, the details of such methods require continued protection through classification.

D. If it is necessary to annotate that a DON intelligence document contains information exempted from 25-year automatic declassification, the notation "Exempted 25X1, Declassify when authorized by OPNAVINST 5513.16B, enclosure (5)" will be applied to the cover of the document to indicate that it falls under 25-year automatic declassification exemption category 1.

RANKING Program Manager Note: This guidance is also contained in OPNAVINST S5513.4 series, enclosure (9) (NOTAL).

01. IDENTIFYING DATA:
ID: 16B-06
CL: U
SU: 25-YEAR OLD MINE WARFARE INFORMATION
OC: NAVSEASYSCOM (1043)
CA: COMNAVSEASYSCOM
OD: 77-11-16
CD: 02-08-30
RD: 07-08-30

02. THREAT/BACKGROUND:

A. Authority. Per Executive Order (EO) 12958, as Amended, of 25 March 2006, beginning 31 December 2006, DON permanently valuable classified documents are automatically declassified if they are 25 years old or older (and subsequently on 31 December of the year they become 25 years old). These permanently valuable classified documents can be exempted from 25-year automatic declassification if the information they contain would, "reveal information that would impair application of state of the art technology within a U.S. weapon system" (exemption 4 from Section 3.3(b) of EO 12958, as Amended). Certain mine warfare information meets this exemption from 25-year automatic declassification and is identified in this classification guide.

B. Applicability. This classification guide can be used to systematically review records for declassification and it can be used in surveying large quantities of records to determine if those records are suitable for "bulk" declassification.

C. Permanently Valuable Records. Only those records that have long-term or permanent worth based upon an appraisal of their continuing administrative, legal, scientific, or historical value should be preserved (see Title 44, United States Code). File maintenance procedures are prescribed by SECNAVINST 5210.8D of 31 December 2005. Retention periods for subject categories of Navy and Marine Corps records are prescribed in the comprehensive disposal schedule included in SECNAV Manual 5210.1 of December 2005.

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Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors; Administrative/ operational use (April 2006). Other requests for this document will be referred to COMNAVSEASYSCOM (1043).

D. OPNAVINST 5513.16B, enclosure (2), contains a listing of current Department of the Navy (DON) mine warfare classification guides.

03. MISSION: To provide detailed guidelines as to what categories of mine warfare information require a security classification beyond 25 years.

04. FINANCIAL: Not applicable.

05. MILESTONES: Not applicable.

06. DESIGN PERFORMANCE AND FUNCTIONAL CHARACTERISTICS: Not applicable.

07. OPERATIONAL AND TACTICAL: The following information will remain classified beyond 25 years:

A. Where the mine hardware has been compromised but the mines are still in service use by the United States or an ally, or the mines are similar to those still in service use by the United States or an ally:

(1) Average values, variations and tolerances for the sensitivity, timing or other factors affecting the response of the mine firing mechanism.

(2) Countermeasures recommended for use against the mine.

(3) Response of the mine to ships or to influence fields.

(4) Recommended operational adjustments and tactics for use of the mine.

(5) Countermining and explosive neutralization distances.

B. Where the mine hardware has not been compromised and the mines are still in service use by the United States or an ally, or the mines are similar to those still in service use by the United States or an ally:

(1) Information of the types listed in paragraph 07A.

(2) Maximum and minimum operating depths.

(3) Maximum life.

(4) All operational information concerning the firing mechanism, including the electrical circuits, method of operation, maximum ship counter setting, ranges of arming and sterilizing periods, and any peculiar limitations.

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C. Where the information has not been compromised: Theory of operation/function, performance parameters and limitations, countermeasure susceptibility, or counter-countermeasures capabilities of a mine, mine countermeasure, or a component involved with target sensing or information analysis/processing.

This restriction also applies to any study, analysis, or other publication in which this material is discussed.

D. Degaussing information will remain classified as follows

(1) Circa 1960 concepts of self-calibration.

(2) Methods of minimizing stray field aboard minesweepers.

(3) Methods for increasing the magnetic signature of a submarine during a magnetic anomaly detection (MAD) attack if the method could be a viable countermeasure even today.

(4) Information related to magnetic treatment of ships.

(5) Procedures for determining magnetic treatment from degaussing range data.

(6) Degaussing range data samples which relate to actual U.S. ships.

E. Where the information has not been compromised and is utilized in U.S. or allied in-service or developmental mines, the theory and mathematical basis for minefield and mine countermeasure planning, performance prediction, and functional analyses.

08. HARDWARE: Not applicable.

09. COMPUTER RESOURCES: Not applicable.

10. OTHER:

A. All categories of information identified in paragraph 07 will remain at their current classification unless and until the OCA authorizes downgrading.

B. Categories of mine warfare information not identified are unclassified.

C. Refer to OPNAVINST 5513.16B, enclosure (7) for mine countermeasures and minehunting information.

D. If it is necessary to annotate that a mine warfare document contains information exempted from 25-year automatic declassification, the notation "Exempted 25X4, Declassify when authorized by OPNAVINST 5513.16B, enclosure (6)" will be applied to the cover of the document to indicate that it falls under 25-year automatic declassification exemption category 4.

E. Enemy countermeasures to a mine can be improved OPNAVINST 5513.16B

significantly by access to further information concerning the mine, even though the mine hardware itself has been compromised. Specifically, even though the enemy holds examples of the hardware and understands clearly how the firing mechanism works, the following situation may exist:

(1) The production tolerances and variations in sensitivity, timing and other characteristics affecting the probability of actuation by a given sweep will not be known. Therefore, the enemy cannot with any certainty either establish optimum sweeping techniques or evaluate what a given amount of sweeping can accomplish. Uncertainty in these factors usually forces the enemy to exert greater sweeping effort than is actually necessary.

(2) Similarly, the enemy will not know the sweeping techniques which the U.S. has found, by statistical analysis, to be optimum for the mine.

(3) Neither the response of the mine to ships, on a statistical basis, nor the optimum mine adjustments for use against given classes of ships in given environments will be known. This means that the enemy will not be able to accurately predict how the mines will be adjusted in various circumstances and, hence, the countermeasures cannot be optimized.

(4) The countermining and neutralization distances, as determined by statistically valid data, will not be known, hence, the enemy cannot optimize their explosive neutralization procedures.

F. The possible waste of enemy sweeping effort or delay in their operations should justify continued classification if the mine is still in service use by the U.S. or an ally. In this connection, allies use U.S. mines as standard weapons for many years beyond U.S. use. Allied stocks of U.S. mines are always for use in U.S. agreed minefields and the failure of the mining to be effective usually will be directly detrimental to the interest of the U.S.

G. If the mine hardware has not been compromised, then operational characteristics would help the enemy materially in applying countermeasures.

H. Many early mine principles and much of the theory is still valid today, and is used to define requirements for improvements to existing mines and the development of new ones. Continued security classification and protection of this information will require that our adversaries depend upon possibly erroneous conjecture or assumptions, or embark upon costly programs to obtain it.

I. Documentation marking (for newly created documents which incorporate the information covered by this guide): Classified

and unclassified technical documentation will have the following handling caveats affixed to the cover and title page:

(1) "Distribution statement "D" - Distribution authorized to DoD and DoD contractors only; critical technology, (date). Other requests will be referred to COMNAVSEASYSCOM (PMS 407).

(2) "Warning" "This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C., App. 2401 et seq.). Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with the provisions of OPNAVINST 5510.161."

(3) Public releases: No publicity releases or public displays of any kind are authorized on this information without the expressed written consent of COMNAVSEASYSCOM (00D) or higher DoD authority.

01. IDENTIFYING DATA:
ID: 16B-07
CL: U
SU: 25-YEAR OLD MINE COUNTERMEASURES AND MINE HUNTING
SU: INFORMATION
OC: NAVSEASYSCOM (09T)
CA: COMNAVSEASYSCOM
OD: 78-10-25
CD: 02-08-30
RD: 07-08-30

02. THREAT/BACKGROUND:

A. Authority. Per Executive Order (EO) 12958, as Amended, of 25 March 2003, beginning 31 December 2006, DON permanently valuable classified documents are automatically declassified if they are 25 years old or older (and subsequently on 31 December 2006 of the year they become 25 years old). These permanently valuable classified documents can be exempted from 25-year automatic declassification if the information they contain would, "reveal information that would impair application of state of the art technology within a U.S. weapon system," (exemption 4 from Section 3.3(b) of EO 12958 as Amended). Certain mine countermeasures and mine hunting information meets this exemption from 25-year automatic declassification and is identified in this classification guide. (Note that the 25-year automatic declassification exemptions found in Section 3.4 of EO 12958 do not correspond to the 10-year automatic declassification exemptions found in Section 1.6 of EO 12958).

B. Applicability. This classification guide can be used to systematically review records for declassification and it can be used in surveying large quantities of records to determine if those records are suitable for "bulk" declassification.

C. Permanently Valuable Records. Only those records that have long-term or permanent worth based upon an appraisal of their continuing administrative, legal, scientific, or historical value should be preserved (see Title 44, United States Code (NOTAL)). File maintenance procedures are prescribed by SECNAVINST 5210.8D of 31 December 2005. Retention periods for subject categories of Navy and Marine Corps records are prescribed in the comprehensive disposal schedule included in SECNAV 5210.1 of December 2005.

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Distribution statement C: Distribution authorized to U.S. Government agencies and their contractors; Administrative/operational use

April 2006). Other requests for this document will be referred to COMNAVSEASYSCOM (1043).

D. Enclosure (2) of this instruction contains a listing of current Department of the Navy (DON) mine warfare classification guides.

E. Definitions:

(1) Mine countermeasures: Minesweeping, minehunting, and mine neutralization, including the systems, equipment, and associated navigation, minefield markers, etc., which support mine countermeasures operations.

(2) Performance: The operational behavior, efficiency, or effectiveness as a minesweeping device or system.

(3) Tactical procedures: The information and instructions necessary for the correct employment of ships and gear.

(4) Operating procedures: The information and instructions necessary for the operation of the gear.

(5) Structure and handling: The identity, interrelationship and assembly of the component parts, including such pertinent information as dimensions, manufacturing tolerances, and material. In general, such information as can be obtained either from actual examinations of the gear or from plans, drawings, photographs, or sketches thereof. "Name Plate" ratings of power and control equipment are also placed under this category.

03. MISSION: To provide detailed guidelines as to what categories of mine countermeasures and minehunting information under exclusive DON jurisdiction require exemption from 25-year automatic declassification.

04. FINANCIAL: Not applicable.

05. MILESTONES: Not applicable.

06. DESIGN PERFORMANCE AND FUNCTIONAL CHARACTERISTICS:

A. For mine countermeasures systems, equipment, and associated gear which are still in service use by U.S. Navy operating forces, even though 25 years old or older, current security classification guides remain applicable.

B. Systems, equipment, and associated gear no longer in service by U.S. Navy operating forces or never placed in service use are unclassified (that performance data against a specific mine weapon still in the U.S. mine inventory or a current foreign mine weapon is S-25X4. See also Notes 1, 3, and 9 to enclosure (6) of OPNAVINST S5513.7C.

C. Classified documentation for equipment in these categories will be reviewed on a case-by-case basis for declassification.

D. All information pertaining to performance data and technical characteristics not covered by this guide is unclassified.

07. OPERATIONAL AND TACTICAL:

A. General:

(1) For all operational and tactical information pertaining to mine countermeasures systems, equipment, and associated gear which is still in service use by the U.S. Navy operating forces even though 25 years old or older, the security classification guidelines specified by current guides remain applicable.

(2) Systems, equipment, and associated gear no longer in service use by U.S. Navy operating forces or never placed in service use are unclassified (that performance data against a specific mine weapon still in the U.S. mine inventory or a current foreign mine weapon is S-25X4. See also Notes 1, 3, and 9 to enclosure (6) of OPNAVINST S5513.7C (NOTAL)).

(3) Classified documentation for equipment in these categories will be reviewed on a case-by-case basis for declassification.

(4) All information pertaining to operational and tactical data not covered elsewhere in these instructions is unclassified.

(5) The following information and categories of information pertaining to operations and tactics will remain classified even though 25 years old or older:

(a) Information related to magnetic minesweeping electrode fields including theory, calculation, experiments, and survey techniques and data. Also the application of such theory to magnetic minesweeping procedures: C-25X4 (When related to a specific mine threat: S-25X4).

(b) Mine countermeasures statistical planning and evaluation theory (specifically, Dr. R. K. Reber's reports): C-25X4.

(c) Mine warfare acoustic, magnetic, pressure and mine burial environmental information for specific locations such as the information contained in current Mine Warfare Pilot series publications retain the classification C-25X4 or S-25X4 assigned to the specific Mine Warfare Pilot concerned. Environmental information of this type when related to countermeasures for a specific mine: 25X4.

08. HARDWARE:

A. For systems still in operational use, even though 25 years old or older, the security classification guidelines in enclosure (6) of OPNAVINST S5513 series (NOTAL) are effective.

B. The Solex system, an explosive acoustic sweep, was developed but never used operationally and does not exist. However, the sizes of the graduated explosive charges and the timing of the sequential explosions must continue to be protected S-25X4 because the information reveals U.S. Navy countermeasures procedures against a current threat mine.

C. For all other systems, the hardware is unclassified.

09. COMPUTER RESOURCES: Not applicable.

10. OTHER:

A. If it is necessary to annotate that a document contains mine countermeasures or mine hunting information exempted from 25-year automatic declassification, the notation "Exempted 25X4, Declassify when authorized by OPNAVINST 5513.16B, enclosure (7)" will be applied to the cover of the document to indicate that it falls under 25-year automatic declassification exemption category 4.

B. Information related to electrode fields:

(1) There is a substantial quantity of 25-year old or older documents which deal with magnetic fields created by water and bottom distributed electrical currents and their variation due to environment. The documents cover the theory, calculation of fields due to electric currents for specific environments, surveys of specific locations to determine the electrical characteristics of the area, and reports of experiments designed to verify the theory employed.

(2) The effects of varying environments can change the effectiveness of magnetic electrode sweeps by as much as a factor of 10.

(3) Known hostile foreign doctrine does not take electrode fields into account.

(4) The theory to account for electrode fields is neither trivial nor obvious. It requires complex and lengthy calculations feasible only by use of fairly high capacity computers, which may not be available to potentially hostile forces.

(5) Release of this information to certain foreign sources would permit them to improve the effectiveness and safety of their magnetic sweep procedures by a substantial amount. This could permit them to reduce their national expenditures for mine

countermeasures accordingly.

C. Information related to statistical planning and evaluation theory:

(1) U.S. mine countermeasures plans for clearing mines from ship channels are based, in part, on the unique application of probability and statistical theory set forth in Dr. Reber's reports. Access to this information would provide a distinct advantage to an enemy mine planner.

01. IDENTIFYING DATA:
ID: 16B-08
CL: U
SU: 25-YEAR OLD DON CRYPTOLOGIC INFORMATION
OC: COMNAVNETWARCOM
CA: COMNAVNETWARCOM
OD: 75-11-08
CD: 02-08-30
RD: 07-08-30

02. THREAT/BACKGROUND:

A. Authority. Per Executive Order (EO) 12958, as Amended, of 25 March 2003, beginning 31 December 2006, Department of the Navy (DON) permanently valuable classified documents are automatically declassified if they are 25 years old or older (and subsequently on 31 December of the year they become 25 years old). These permanently valuable classified documents can be exempted from 25-year automatic declassification if the information they contain would, "reveal information that would impair U.S. cryptologic systems or activities," (exemption 3 from Section 3.3(b) of EO 12958, as Amended). Certain Naval cryptologic information meets this exemption from 25-year automatic declassification and is identified in this classification guide

B. Applicability. This classification guide can be used to systematically review records for declassification and it can be used in surveying large quantities of records to determine if those records are suitable for "bulk" declassification.

C. Permanently Valuable Records. Only those records that have long-term or permanent worth based upon an appraisal of their continuing administrative, legal, scientific, or historical value should be preserved (see Title 44, United States Code). File maintenance procedures are prescribed by SECNAVINST 5210.8D of 31 December 2005. Retention periods for subject categories of Navy and Marine Corps records are prescribed in the comprehensive disposal schedule included in SECNAV 5210.1 of December 2005.

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Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors; (Administrative/ operational use) (August 2002). Other requests for this document will be referred to COMNAVNETWARCOM.

D. OPNAVINST 5513.16B, Enclosure (2) of this instruction, contains a listing of current DON classification guides.

03. MISSION: To provide detailed guidelines concerning categories of Naval cryptologic information requiring continued protection past 25 years.

04. FINANCIAL: Not applicable.

05. MILESTONES: Not applicable.

06. DESIGN PERFORMANCE AND FUNCTIONAL CHARACTERISTICS: Not applicable.

07. OPERATIONAL AND TACTICAL:

A. The Commander, Naval Network Warfare Command (COMNAVNETWARCOM) is the DON authority (as executed by COMNAVNETWARCOM's Security Directorate) and the Director, National Security Agency/Central Security Service (DIRNSA) is the final authority for the review and declassification of classified cryptologic information. Cryptologic information (including cryptologic sources and methods) includes information concerning or revealing the processes, techniques, operations, and scope of signals intelligence (SIGINT) comprising communications intelligence (COMINT), electronic intelligence (ELINT), and foreign instrumentation signals intelligence (FISINT); and the crypto security and emission security components of communications security (COMSEC), including the communications portion of cover and deception plans. The procedures established to facilitate the review and declassification of classified cryptologic information are as follows:

(1) COMSEC documents and materials:

(a) If records or materials in this category are found in agency files that are not under COMSEC control, refer them to the senior COMSEC authority of the agency concerned or by appropriate channels to the following address: Navy Information Operations Command Maryland, Suite 6585, 9800 Savage Road, Ft. George G. Meade, MD 20755-6585.

(b) If the COMSEC information has been incorporated into other documents by the receiving agency, referral to COMNAVNETWARCOM is necessary before declassification.

(2) SIGINT information:

(a) If SIGINT information is contained in a document or record originated by a DOD cryptologic organization, and is in

the files of a non-cryptologic agency, such material will not be declassified. If the material must be retained, it will be referred to COMNAVNETWARCOM for systematic review for declassification.

(b) If SIGINT information has been incorporated by the receiving agency into documents it produces, such material will not be declassified. If the material must be retained, it will be referred to COMNAVNETWARCOM for systematic review for declassification.

(c) After appropriate processing by COMNAVNETWARCOM, all such materials will be forwarded to NSA/CSS for final determination as to suitability for declassification.

(3) Recognition of cryptologic information may not always be an easy task. There are several broad classes of cryptologic information, as follows:

(a) Those that relate to COMSEC. In documentary form, they provide COMSEC guidance or information. Many COMSEC documents and materials are accountable under the Communications Security Material Control System. Examples are items bearing transmission security (TSEC) nomenclature and crypto keying material for use in enciphering communications and other COMSEC documentation such as National COMSEC Instructions, National COMSEC/Emanations Security (EMSEC) Information Memoranda, National COMSEC Committee Policies, COMSEC Resources Program documents, COMSEC Equipment Engineering Bulletins, COMSEC Equipment System Descriptions, and COMSEC Technical Bulletins.

(b) Those that relate to SIGINT. These appear as reports in various formats that bear security classifications, sometimes followed by five-letter code words (World War II's ULTRA, for example) and often carrying warning caveats such as "This document contains codeword material" and "Utmost secrecy is necessary ..." Formats may appear as messages having addressees, "from" and "to" sections, and as summaries with SIGINT content with or without other kinds of intelligence and comment.

(c) RDT&E reports and information that relate to either COMSEC or SIGINT.

(4) Commonly used words that may help in the identification of cryptologic documents include "cipher," "code," "codeword," "communications intelligence" or "COMINT," "communications security" or "COMSEC," "cryptanalysis," "crypto," "cryptographic," "cryptography," "cryptosystem," "decipher," "decode," "decrypt," "direction finding," "electronic intelligence" or "ELINT," "electronic security," "electronic warfare," "encipher," "encode," "encrypt," "intercept," "key book," "radio electronic combat files," "signals intelligence" or "SIGINT," "signals security," "targeting," "traffic analysis,"

and "TEMPEST."

(5) General subject matter topics which may contain exempted cryptologic information include: foreign relationships, SIGINT collection/capabilities/tasking, cryptanalytic techniques, traffic analytic techniques, SIGINT product, SIGINT vulnerabilities, National Foreign Intelligence Program (NFIP) resources, information security (INFOSEC) capabilities, INFOSEC vulnerabilities, Nuclear Command and Control, space and weapons information, TEMPEST capabilities, threat data, crypto key management, information warfare and the NSG SCI ANNEX to Command histories.

(6) Certain Navy SSIC codes are typically replete with exempted cryptologic information, including:

(a) 2500 - 2599 SI Communications
(b) 3200 - 3289 Cryptology
(c) 9400 - 9499 Command and Surveillance of shipboard installations

(7) Additionally, there is current cryptologic security classification guidance in the OPNAVINST 5513 series on numerous systems and programs including:

AN/FRD-14(V)A	AN/FSK-1(V)	AN/FSK-2
AN/FSQ-117A	AN/FSR-5(V)	AN/FYC-13A
BULLSEYE	CENTERBOARD	CLASSIC COYOTE
CLASSIC NOMAD	CLASSIC WIZARD	HFDF
FLAGHOIST/CENTERBOARD	MUSIC-TICC	RNINTEL
PROJECT SAUCEPAN	SIGSEC	TACINTEL II
CLASSIC CAVALIER	CLASSIC RAPTOR	CLASSIC AERIE
CLASSIC COBWEB	CLASSIC STEVEDORE	CLASSIC ARGON
WIDEBAND SYSTEM (WBS)*	SSES	CCOP
OPERATIONAL INFORMATION COLLECTION SYSTEM (OICS)		

*May also appear as AN/FSQ-117A(V)

08. HARDWARE: Not applicable.

09. COMPUTER RESOURCES: Not applicable.

10. OTHER: If it is necessary to annotate that a document contains DON cryptologic information exempted from 25-year automatic declassification, the notation "Exempted 25X3, Declassify when authorized by OPNAVINST 5513.16 series, enclosure (8)" will be applied to the cover of the document to indicate that it falls under 25-year automatic declassification exemption category 3.

01. IDENTIFYING DATA:
ID: 16B-09
CL: U
SU: FINDING AID FOR UNMARKED RESTRICTED DATA (RD) AND FORMERLY
SU: RESTRICTED DATA (FRD)
OC: DOE (NN-52)/CNO (N09N2)
CA: DEPARTMENT OF ENERGY
OD: 75-11-08
CD: 02-08-30
RD: 07-08-30

02. THREAT/BACKGROUND:

A. Section 3155 of Public Law (PL) 104-106, "National Defense Authorization Act for Fiscal Year 1996," (NOTAL) is quoted in part as follows, "The Secretary of Energy shall ensure that, before a document of the Department of Energy [DOE] that contains national security information is released or declassified, such document is reviewed to determine whether it contains restricted data." This is of importance to Department of the Navy (DON) reviewers for two reasons. First, DOE information, including Restricted Data (RD) and Formerly Restricted Data (FRD), is frequently contained in DON permanently valuable records. Second, not all RD and FRD is properly identified as such. Accordingly, the DOE has helped prepare this finding aid to assist DON reviewers in detecting unmarked RD and FRD information contained in DON documents. DON reviewers should be aware that Section 6.2 of EO 12958, as Amended, specifically exempts all RD and FRD from the automatic declassification provisions of that EO. Documents which are marked as RD or FRD are classified and controlled by DOE under the Atomic Energy Act of 1954, and are not subject to automatic declassification. Additionally, DON reviewers discovering either marked or unmarked RD or FRD documents should identify them as necessary to ensure that they are not prematurely declassified. Should a reviewer encounter a document(s)that may contain RD or FRD but is not marked as such, notify CNO (N09N2) or contact the DOE Office of Declassification. DON reviewers must undergo DOE training to recognize such material and mark it for referral to DOE.

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B. Further, Public Law 105-261, Section 3161, requires the Secretary of Energy and the Archivist of the U.S. to develop a plan to prevent the inadvertent release of records containing RD or FRD during the automatic declassification process. Public Law 106-65, Section 3149, modified Public Law 105-261 for records that were processed before the original law was enacted. The resultant "Special Historical Records Review Plan" requires that individuals conducting declassification review of records under section 3.3 of EO 12958 be trained and certified by the DOE as Historical Record RD Reviewers. The training is intended to assist reviewers in recognizing RD and FRD in historical records, and provides guidance for referral of these records to DOE. Nominations for the DOE course may be coordinated through CNO (N09N2).

03. MISSION: To provide a listing of key words or phrases that may indicate unmarked RD and FRD.

04. FINANCIAL: Not applicable.

05. MILESTONES: Not applicable.

06. DESIGN PERFORMANCE AND FUNCTIONAL CHARACTERISTICS: Not applicable.

07. OPERATIONAL AND TACTICAL: The DOE has found that many documents containing classified nuclear information (particularly historical documents) are not marked to indicate that they contain RD or FRD. This enclosure is intended to serve as an aid to identifying RD and FRD in documents not marked to indicate they contain this information. This enclosure provides key words that may be found in documents that contain RD or FRD, but keep in mind that this list is **not all inclusive**.

■ **Atomic or nuclear device, weapon, explosive, or warhead**

active protection
automatic disablement
anti-tampering device
boosted, boosting
casing material
chain reaction (fission)
circular-error probability (CEP)
channel, radiation channel
critical mass
D-T gas
deployments

detonator, detonation system, detonator cables
(implosion assembled)
deuterium (D, ^{2}H)
device
dial-a-yield, selectable yields
dimensions, weights
disablement, command disablement
enhanced radiation
event (nuclear weapon test)
Fat Man (Trinity test, Nagasaki combat drop)
firing set
first stage or primary
fission/fission chain reaction
fusion, thermonuclear fusion
fuze
gun-assembled (GA)
hardening
height-of-burst (HOB)
highly enriched uranium (HEU)
hydrogen weapon, hydrogen bomb
implosion
implosion-assembled (IA) weapon
initiator, initiation, pre-initiation
initiator/nuclear weapon initiator types:
alpha-n initiator
internal initiator
neutron generator
insensitive high explosive (IHE)
interstage coupling
interval time
Joint Task Force (JTF)
limited-life component (boosted nuclear weapon)
lithium, lithium deuteride, lithium-6, or Li-6
Little Boy (Hiroshima combat drop)
neutron
neutron generator
nuclear test, test series
one-point safe
oralloy
permissive action link, PAL
pit, sealed pit, weapon pit
Plowshare Program
plutonium, plutonium-239, Pu-239, or any of its other
isotopes
(Pu-238, Pu-240, etc.)
primary

production quantities of weapons
Project Matterhorn
Project Whitney
pusher
radiating fuze
radiation flow
radiation implosion
radiation case
radius of damage
reflectors, reflector material
release codes
reservoir, gas reservoir, tritium reservoir
retirement, reuse
safing
salvage fuze
secondary
staged, second stage, thermonuclear weapon
stockpile, stockpile quantity information
theater allocation
subcategorization
numbers/types/locations
subcritical mass
supercritical mass
tamper
thermonuclear (TN) reaction/weapon
Trinity
tritium (T, T-3, or H-3)
tuballoy
uranium, uranium-235, or any of its other isotopes (U-233, U-234, etc.)
weapons-grade [material]
X-unit
yield (kilotons (KT), megatons (MT))
yield-to-weight

- **Nuclear Weapon configurations**

Schematic depictions of nuclear weapons may be found in classified documents that are lacking RD markings. Virtually all nuclear weapons schematics are classified as RD. Determining the classification of figures and drawings is difficult, so all such drawings should remain classified or should be referred to DOE for review.

- **Nuclear weapon effects**

blast
blackout, radar blackout
damage radius
effects test
electromagnetic radiation
electromagnetic pulse (EMP)
enhanced radiation, rays
fallout
fireball
gamma radiation
hardening
line-of-sight pipe
neutron, neutron radiation, neutron spectrum, neutron bomb
radiation, especially prompt radiation or radiation dose
radiochemical tracer
tailored outputs/tailored weapons
vulnerability
x-ray spectrum

- **Inertial confinement fusion (ICF)**

direct drive
hohlraum
ICF target
indirect drive
laser fusion
particle-beam (light ion, heavy ion) fusion

- **Military nuclear reactors/ test and other reactors**

chain reaction
cladding (fuel)
coolant pump
coolant inlet and outlet nozzles
control rod/control rod drive mechanism (CRDM)
fission
fuel cell
quieting
directed nuclear energy
inlet plenum
Multihundred Watt (MHW) radioisotope generators
neutron
naval reactors
naval nuclear propulsion

outlet plenum
pressure vessel
pressurizer
Pressurized Water Reactor (PWR)
primary system
reactor vessel
scram (automatic shutdown)
steam generator
space power reactor (SPR)
shield, shielding
thermal electric converters
thermal shield
tube bundle

- **Reactor production of special nuclear materials (SNM)**

chain reaction (fission)
deuterium
fuel reprocessing
Hanford reactors
lithium, lithium-6, or Li-6
nuclear material
N-reactor
palladium diffusion
plutonium production
production information
production rates of nuclear materials
production quantities of nuclear materials
weapons program allocations of nuclear materials
production reactor
PUREX process
Savannah River reactors
special nuclear material (SNM)
target/target technology/target materials
thermal cycling and absorption process (TCAP)
tritium production
vacuum furnace

- **Isotope separation**
  (gaseous diffusion, gas centrifuge, other methods)

assay (isotope enrichment)
atomic vapor laser isotope separation (AVLIS)
barrier/barrier technology
bundle
cascade
centrifuge machine

compressor nozzles
calutrons/cyclotrons (electromagnetic isotope separation)
deuterium production
diffuser/diffusion stage
diffusion barrier
electromagnetic isotope separation -- Calutron enrichment
highly enriched (HE)
isotopic enrichment
very highly enriched (VHE)
gas centrifuge
gaseous diffusion
laser isotope separation
lithium enrichment
molecular laser isotope separation (MLIS)
seal/seal technology
stage(d) gaseous diffusion/gaseous centrifuge
thermal diffusion
uranium hexafluoride
uranium enrichment

- **Sites or organizations associated with RD or FRD**

Key sites and organizations that may be found in conjunction with nuclear information and potential RD:

Albuquerque Operations Office (ALO)
ACF Industries
Air Force Office - Atomic Testing (AFOAT)
Air Force Special Weapons Center (AFSWC)
Air Force Tactical Applications Center (AFTAC)
Allied Signal Kansas City
Amchitka
Armed Forces Special Weapons Project (AFSWP)
Ashtabula
Assistant to the Secretary of Defense, Atomic Energy (ATSD-AE)
Atomic Energy Commission (AEC)
Atomic Weapons Establishment (AWE), UK
Atomic Weapons Research Establishment (AWRE), UK
Bendix Kansas City
Bethe Panel
Bettis Atomic Power Laboratory
Bikini, Bikini Atoll
Burlington Industries

Christmas Island
Clinton Engineer Works (Oak Ridge)
Defense Atomic Support Agency (DASA)
Defense Nuclear Agency (DNA)
Division of Military Application (DMA)
Energy Research and Development Administration (ERDA)
Eniwetok, Eniwetak, Enewetak
Fernald
GE Pinellas
Hanford
Hiroshima
Johnston Island
Joint Committee on Atomic Energy (JCAE)
Knolls Atomic Power Laboratory
Kwajalein
Lawrence Radiation Laboratory (LRL)
Lawrence Livermore National Laboratory (LLNL)
Los Alamos National Laboratory (LANL)
Los Alamos Scientific Laboratory (LASL)
Manhattan Project, Manhattan Engineering District (MED)
Military Liaison Committee (MLC)
Mound Laboratories
Nagasaki
Nevada Operations Office (NVO)
Nevada Test Site (NTS)
Nuclear weapons complex
Oak Ridge Gaseous Diffusion Plant
Oak Ridge Y-12 Plant
Oak Ridge K-25 Site
Pacific Test Range
Pantex
Paducah Site or Gaseous Diffusion Plant
Pittsburgh Naval Reactors Office
Portsmouth Site or Gaseous Diffusion Plant
Richland
Rocky Flats
S-50 Thermal Diffusion Plant
Sandia National Laboratory (SNL)
Sandia Laboratories (SL)
Savannah River
University of California Radiation Laboratory (UCRL)
X-10 Plutonium Production Reactor
Z-Plant Plutonium Separation Facility, Hanford
100-B Plutonium Production Reactor, Hanford

- **Possible Markings**

The following markings indicate that the document may contain RD or FRD, even if not otherwise marked:

Atomal (NATO)
ATOMIC (UK)
Cosmic (NATO)
Critical Nuclear Weapon Design Information (CNWDI)
NOFORN
Naval Nuclear Propulsion Information (NNPI)
Protect as Restricted Data (PARD)
Sigma [n], where n is a number
Weapon Data

08. HARDWARE: Not applicable.

09. COMPUTER RESOURCES: Not applicable.

10. OTHER: Not applicable.

RANKIN PROGRAM MANAGER NOTE: No individual is permitted to conduct EO 12958 (Section 3.3) reviews without the DOE certification specified in 02B, above.