



DEPARTMENT OF THE NAVY

CHIEF INFORMATION OFFICER
1000 NAVY PENTAGON
WASHINGTON DC 20350-1000

06 January 2009

MEMORANDUM FOR CHIEF OF NAVAL OPERATIONS
COMMANDANT OF THE MARINE CORPS
ASSISTANT SECRETARY OF THE NAVY (MANPOWER AND
RESERVE AFFAIRS)
ASSISTANT SECRETARY OF THE NAVY (INSTALLATIONS
AND ENVIRONMENT)
ASSISTANT SECRETARY OF THE NAVY (FINANCIAL
MANAGEMENT AND COMPTROLLER)
ASSISTANT SECRETARY OF THE NAVY (RESEARCH,
DEVELOPMENT AND ACQUISITION)
GENERAL COUNSEL OF THE NAVY

Subj: IMPLEMENTATION AND USE OF THE DEPARTMENT OF THE NAVY (DON)
ENTERPRISE ARCHITECTURE (EA) HIERARCHY

Ref: (a) DEPSECDEF memo, Joint Capability Areas (JCAs), of 14 Feb 08

Encl: (1) DON EA Hierarchy v1.0

This memorandum promulgates policy defining the initial implementation and directs the use of the DON EA Hierarchy (enclosure (1)), which may also be downloaded from <https://nars.nswc.navy.mil>. The hierarchy is a key component of the DON EA intended to provide a means for senior DON leaders to make informed decisions and relate activities and capabilities within the DON to the Joint Staff Joint Capability Areas (JCA). The JCA serves as the Department of Defense's (DoD) common framework and lexicon for the organization of capability portfolios in accordance with reference (a).

The Joint Staff is currently decomposing Tier I JCAs into lower tiers to enable more efficient capability portfolio management. Within the DON EA, the JCAs will be decomposed into equivalent DON Segment Reference Architectures (SRA) that will be used as authoritative sources to build solution architectures. As a result, Navy and Marine Corps capabilities can be mapped to the JCAs, which will provide the structure to align Community of Practice (COP) leads, Chief Engineers, Portfolio Managers and Resource Sponsors from within the Navy and Marine Corps to support decision making.

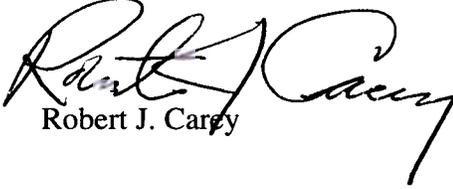
All acquisition programs developing and submitting architecture products as part of the Joint Capabilities Integration and Development System (JCIDS), Defense Acquisition System (DAS), and Functional Area Manager (FAM) processes shall use the DON EA Hierarchy to show traceability to the SRA.

For future updates and/or annual reviews requiring significant modifications, ASN (RD&A) CHSENG shall update the DON EA Hierarchy and submit it to the DON Enterprise

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Architecture Coordination Board (DON EACB) and the DON Information Executive Committee (DON IEC) for approval. Thereafter, the DON EA Hierarchy will become part of the DON EA supporting documentation and updates will be approved through a formal DON EA governance process that will be overseen by the DON Chief Information Officer (CIO).

The DON point of contact for this memorandum is Mr. Michael Jacobs, DON CIO Chief Technology Officer, at (703) 602-6847 or michael.b.jacobs@navy.mil.



Robert J. Carey

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**Department of the Navy
Enterprise Architecture Hierarchy
Version 1.0**



September 22, 2008

Prepared by:
Department of Navy
Assistant Secretary of the Navy (RDA)
Chief Systems Engineer
ASN RDA CHSENG

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Version Change Record

Version	Date	Updated Sections
0.2	1/25/2008	Business Mission Area – Core Business Mission and Business Capabilities added.
		Warfighting Mission Area – Navy Required Operational Capabilities Added, Naval Power 21 Pillars added.
0.3	3/14/2008	Enterprise Information Environment Mission Area – Subportfolios Added, Capabilities Added. OV-5 Removed. Numbering scheme updated.
		Warfighting Mission Area – Naval Power 21 Pillars removed as a level in the hierarchy and add as a data element associated with each JCA/ROC. MA CHENG assignments given. Numbering scheme updated.
		Business Mission Area – BEA 4.1 OV-5 removed. Numbering scheme updated.
0.4	5/15/2008	Business Mission Area – Updated to BEA 5.0. (Note: No Business Capabilities changes required).
		Warfighting Mission Area – NP21 Pillar and MA CHENG columns combined. DON Mission Area Architectures column added.
0.4.1	5/19/2008	Warfighting Mission Area – The DON Mission Area Architecture column is split designating principle and supporting mission area architectures.
0.4.2	7/31/2008	Capstone Layer – An initial draft diagram and description are provided.
		Warfighting Mission Area – Updated Mission Area CHENG, DON Mission-Level Architecture assignments, added USMC METL, and updated ROC mappings.
		Enterprise Information Environment Area – Updated reference architecture to Defense Information Environment Architecture and footnotes referencing the future elimination of the EIEMA are included.
	8/28/2008	Replaced the use of the term “Mission Architecture” with “Segment Reference Architecture”
0.4.3	9/17/2008	Changes made based on comments from Flag-level staffing by DON CIO, HQMC C4 and N61.
1.0	9/22/2008	Approved for use within DON by the IEC on 22 Sep 08

Open Revision Requests

Date Submitted	Requested Revision	Resolution
1/15/07	Update WMA with 15 Jan 08 DAWG approved JCAs	Awaiting CJCSI 8410.01 update

1. Introduction

The Department of the Navy (DON) Enterprise Architecture (EA) Hierarchy provides a structure to relate the complete set of activities occurring within the Department of the Navy. It does so by placing these activities in relation to the Department of Defense (DOD) EA, the Joint Chiefs of Staff (JCS) Joint Capability Areas (JCAs), the Business Transformation Agency (BTA) Business Enterprise Architecture (BEA), the functional areas defined by the Assistant Secretary of Defense (Networks and Information Integration) (ASD[NII]), and those functional areas to be defined by the Intelligence community. This Hierarchy is intended to provide the link between DON Segment Reference Architectures (SRAs) and Program-Level architectures for the DON within the DON EA, currently in development by DON CIO. The DON EA Hierarchy, as part of the DON EA, is a joint effort between DON CIO and ASN(RDA)CHSENG. An additional goal of the effort is to identify the full set of systems-of-systems DON SRAs that the DON, including the Secretary of Navy (SECNAV) and subordinate agencies, the U.S. Navy (USN) and the U.S. Marine Corps (USMC), will use in preparing system-level integrated architectures for DON acquisition programs.

1.1. Purpose

The purpose of the DON EA Hierarchy is to define the set of activities occurring within the Department of the Navy. The DON Warfighting Mission Area (WMA), Business Mission Area (BMA), Enterprise Information Environment Mission Area (EIEMA) and DOD portion of the Intelligence Mission Area (DIMA) are essential to the SECNAV, Navy and Marine Corps transformation of business, intelligence and warfighter operations to secure, net-centric based operations and systems that provide improved capabilities that align to the needs of the warfighter, business manager, and decision maker. The DON EA Hierarchy is structured as part DON EA Framework, currently in development. This Hierarchy provides detailed information of the configuration management assignment of Chief Engineers to SRAs, catalogs existing Mission-Level Architectures and maps them to the SRAs, and provides the mapping of Navy Required Operational Capabilities (ROCs) and Marine Corps Tasks (MCTs) to the SRAs. In doing so, the Hierarchy is the link between Program-Level architectures and the SRAs. The Reference Model (RM) Layer in the Capstone Layer of the DON EA will be addressed in separate documentation. The DON SRAs will be collaboratively updated and used as a tool by the DON senior leadership and Functional Area Managers (FAMs) to drive (1) net-centric transformation and data sharing, (2) business transformation and process standardization, (3) investment recommendations and decisions, and (4) financial audit-ability and internal controls. The end goal of the architecture is to improve direct and indirect support to the SECNAV, Commandant of the Marine Corps, and Chief of Naval Operations, enhancing the DON's ability to execute its mission.

1.2. Version Description

The DON EA Hierarchy is modeled on the foundational framework provided by the DOD Chief Information Officer (CIO), which defines the four mission areas of the Department, as described in DODD 8115.01 and DODI 8115.02: WMA, BMA, DIMA, and EIEMA¹. The

¹ Based on a 27 Feb 08 email from Mr. Wennergren, Deputy DOD CIO, the EIEMA will be merged into the Joint Net-Centric Operations JCA. This Hierarchy will reflect that change when the DODD 8115.01 is formally updated per the email.

DON EA Hierarchy uses the same four major mission areas, or portfolios, and the same subportfolios as the DOD EA. In describing the DON, USN, and USMC contributions to those mission areas, we are guided by DOD architectural documents, the CJCSI 8410.01, and the BTA's documentation in defining capability areas below the subportfolios provided from higher authority.

1.2.1. Versions 0.1 and 0.2

In the DON EA Hierarchy draft v0.1, we showed the initial breakout of this decomposition to Tier 2 Capability Areas. In the DON EA Hierarchy v0.2, in order to maintain consistency with earlier enterprise management structures, as well as to assist in implementation, each of the Tier 2 Capability Areas is assigned to a Naval Power 21 (NP21) Pillar. These assignments were made by the DCNO for Integration of Capabilities and Resources (N8) for USN pillars. In addition, the previous version's decomposition of capability areas is expanded. In the WMA section, the JCAs are fully decomposed based on the August 2006 JCA Taxonomy and Lexicon and mapped to the NP21 Pillars. Additionally, Navy ROCs (ROCs) are mapped to the JCAs and NP21 Pillars. In the BMA section, the BEA is mapped to the BMA subportfolios through the Business Capabilities as mapped in the BEA v4.1 and the Business Enterprise Priorities provided in the Enterprise Transition Plan (ETP).

1.2.2. Version 0.3

Version 0.3 implemented four changes. First was the move to a more formal booklet format. Second was the removal of the Operational View 5 (OV-5) from the BMA and EIEMA sections booklet tables, which now have defined subportfolios and capabilities. These mapping of the OV-5s to the applicable capabilities and subportfolios is available in the Naval Architecture Repository System (NARS). Third was the move of the NP21 Pillars from the hierarchy to a data element, assigning each JCA and ROC to a Pillar. Fourth was the addition of assignments of a Mission Area Chief Engineer (MA CHENG) to each JCA for configuration control of the Mission-Level Architectures.

1.2.3. Version 0.4

Version 0.4 implements two changes and is the final draft version prior to staffing as the DON EA Hierarchy version 1.0. The first change is the update of the BMA section from BEA v4.1 to v5.0. BEA v5.0 expands on the scope of v4.1 activities included in the architecture to include what was previously considered 'to-be' aspects of the BEA; however, there were no specific changes required to the Business Capabilities (BCs) shown in Enclosure E. The second change is the addition of linkages of DON Mission Area Architectures to the JCAs in the WMA table shown in Enclosure F.

1.2.3.1. Version 0.4.1. Version 0.4.1 implements a change in the WMA table. The DON Mission Area Architecture column is now split between the "Existing Principle DON Mission Area Architecture" and "Existing Supporting DON Mission Area Architecture," designating which mission area is the principle if multiple mission areas map to the same JCA.

1.2.3.2. Version 0.4.2. Version 0.4.2 contains several changes. First, the DON Enterprise Architecture Framework development effort by DON CIO is referenced and an enclosure discussing the Capstone Layer view of the DON EA Framework has been added. Second,

the list of MA CHENGs is updated along with the applicable existing Mission-level Architectures. Third, the mapping of MCTs from Marine Corps Task List (MCTL) version 2.0 to JCAs is included in the WMA table and the previously unassigned Required Operational Capabilities (ROCs) mapped to the appropriate JCAs. Last, the terms DON Mission Area and Mission Area Architectures are now replaced with DON Segment Reference Architectures (SRAs).

1.2.3.3. Version 0.4.3. Version 0.4.3 is the final draft. The two major changes are (1) specifying the place of the Hierarchy within the DON EA and (2) changing the term Expeditionary Maneuver Warfare to Expeditionary Maneuver from the Sea (EMFTS).

1.2.4. Future versions

Future versions will replace the DOD MAs with the new JCAs as mandated by the DepSecDef upon publication of the new Capability Portfolio Management directive and the approval of Tiers 4-7 of the new JCAs. This document will be reviewed and updated annually at a minimum.

1.2.5. Change requests

Change requests can be submitted to John Salmon at the NGMS ASN(RDA) CHSENG Support Team, email john.salmon@ngc.com.

2. The Hierarchy Structure

2.1. DON EA Hierarchy Overall Structure and Nomenclature

DODD 8115.01 states that IT investments shall be managed as portfolios at the Enterprise, Mission Area, and Component levels. The Enterprise portfolio is divided into mission areas, namely the BMA, WMA, DIMA, and the EIEMA. These Mission Areas are further divided into subportfolios or capability areas. The DON Component-level portfolios are managed as DON SRAs, based on the new DOD JCAs, Business Capabilities (BCs), or equivalent. These DON SRAs are mapped to the DON NP21 Pillars to provide an ASN(RDA) CHSENG management construct for the assignment of MA CHENGs to those pillars. The DON SRAs Tiers 1-n represent the DON implementation of the DOD JCAs and BCs. The DON SRAs, subportfolios, and DON Pillars provide the equivalent to the Capstone Layer in the DON EA Framework currently in development. The figure below provides the basic structure and nomenclature of the DON IT Enterprise Portfolio Architecture Hierarchy and how it relates to the DOD EA.

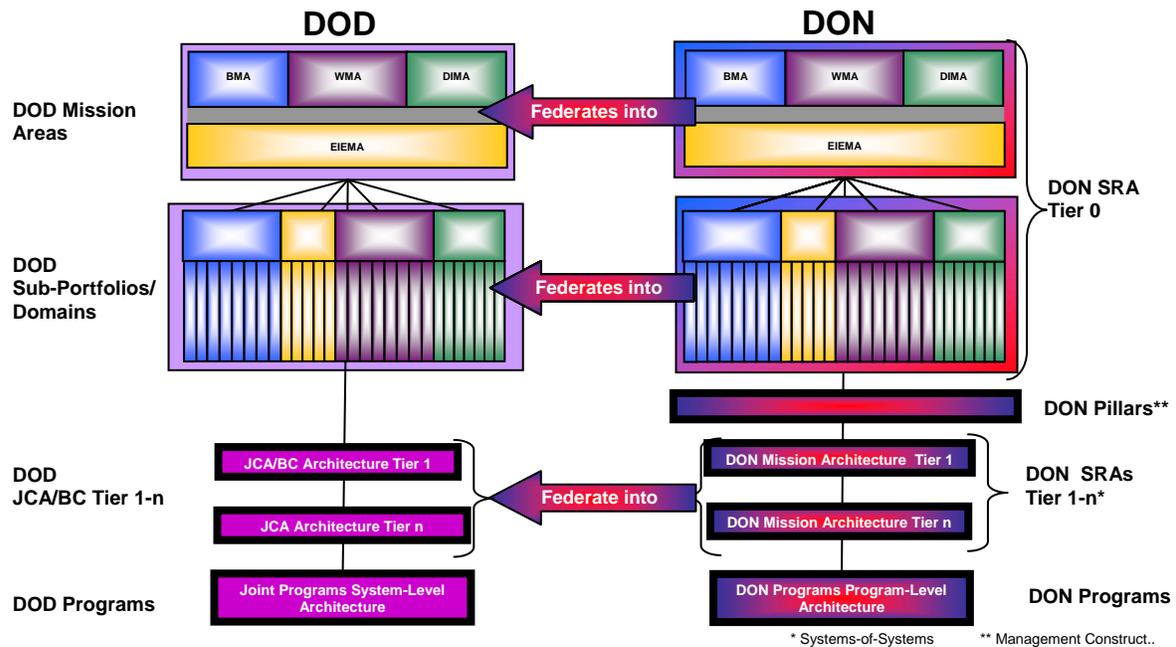


Figure 1. DON IT Enterprise Portfolio Architecture Hierarchy Nomenclature²

2.1.1. The DOD Mission Areas

2.1.1.1. Business Mission Area. The BMA is managed by the Defense Business Systems Management Committee, which is chaired by the Deputy Secretary of Defense (DepSecDef), to provide Portfolio Management (Pfm) oversight for all business systems within the DOD. The BMA is further managed by four Investment Review Boards (IRBs), which manage each of the five subportfolios, the Core Business Missions (CBMs), of the BMA. The CBMs integrate horizontally across all business functions to provide end-to-end support. The CBM

² The DON MA Tier 0, DON Pillars, and DON MAs Tier 1-n tiers/levels shown on the right of the diagram provide the equivalent portfolio management hierarchy this is described as the “Capstone Layer” in the DON EA Framework, currently in development by the DON CIO.

subportfolios contain Business Capabilities (BCs), each of which are supported by operational activities. The Business Enterprise Architecture (BEA) v5.0 provides the mapping of those operational activities to the BCs. Enclosure E provides the BMA hierarchy down to the capability level. More detail on the BEA 5.0, (i.e., to see the list of operational activities supporting each of the BCs) can be found at the following link, http://www.defenselink.mil/dbt/products/2008_BEA_ETP/bea/iwp/default.htm. The Deputy Secretary of Defense directed the establishment of the Defense Business Transformation Agency (BTA) in a memorandum effective October 7, 2005. The mission of this Agency is to transform business operations to achieve improved warfighter support while enabling financial accountability across the Department of Defense. The role of the BMA is to deliver products and services required by the WMA to accomplish assigned objectives. The table in Enclosure E contains the BMA subportfolios and each subportfolio's Business Capabilities as provided by the BEA v5.0. Details of how to map a Program-Level architecture to the BMA is provided by the DON CIO in the document "The DoD BEA Compliance Process for Department of Navy Defense Business Systems."

2.1.1.2. Warfighting Mission Area. The WMA is the second of the four DOD IT mission areas directed by DODD 8115.01. The WMA is managed by the Chairman of the Joint Chiefs of Staff (hereinafter, "Chairman"). WMA IT investments, to include National Security Systems (NSS), support and enhance the Chairman's joint warfighting priorities. They also support actions to create a net-centric distributed force, capable of full spectrum dominance through decision and information superiority. WMA IT domain owners will incorporate and integrate the portfolio management procedures contained in CJCSI 8410.01 with their associated Functional Capabilities Board (FCB) Joint Capabilities Integration and Development System (JCIDS) process and provide input to the Planning, Programming, Budgeting, and Execution (PPBE) System and Defense Acquisition System (DAS) processes. WMA IT portfolio management provides life cycle (e.g., capabilities, resources, acquisition, operations, deactivation, and retirement/reutilization or demilitarization) IT investment oversight. The WMA IT portfolio management process facilitates IT and NSS (programs, systems, and initiatives) management within the joint warfighting environment. Its objective is to maximize mission accomplishment while simultaneously minimizing overall risk. WMA IT portfolio management facilitates the management of portfolios through strategic planning, measures of performance, risk management techniques, transition plans, and portfolio investment goals. The WMA is divided into subportfolios to align with the Functional Capability Board structure. Each subportfolio contains a set of JCAs. On 15 January 2008, the Deputy Secretary of Defense approved the use of an updated set of Joint Capability Areas, which will be incorporated upon the publication of an update CJCSI 8410.01. The Table in Enclosure F contains the WMA Subportfolios, JCAs, the Navy ROCs and MCTs mapped to the JCAs, the MA CHENG assigned as the lead engineer for that Pillar and JCA, and the existing DON Mission-Level Architectures mapped to each JCA, if available. This interim mapping will provide the basis for re-mapping existing architectures to the SRAs once the new DOD JCAs are fully decomposed. The color-coding for the JCAs is in purple while the Navy ROCs are in blue and MCTs are in red. The MCTs are combined with conditions and standards by the Marine Corps to form the Mission Essential Tasks List (METL) for every organization and unit.

2.1.1.3. DOD portion of Intelligence Mission Area. The DIMA includes IT investments within the Military Intelligence Program and Defense component programs of the National Intelligence Program. The USD(I) has delegated responsibility for managing the DIMA portfolio to the Director, Defense Intelligence Agency, but USD(I) retains final signature authority. DIMA management will require coordination of issues among portfolios that extend beyond the Department of Defense to the overall Intelligence Community. At this point in time, little has been published on the DIMA. When that information is made available, Enclosure G will be updated to reflect the DIMA hierarchy. The table in Enclosure G contains the DIMA Subportfolios.

2.1.1.4. Enterprise Information Environment Mission Area. The EIEMA Architecture is managed by ASD(NII) and provides a common foundation to support accelerated DOD transformation to net-centric operations and establishes priorities to address critical barriers to its realization. EIEMA plays a unique role among the Department's four Mission Areas. Whereas the WMA, DIMA, and BMA focus on DOD's core end-to-end functions, EIEMA provides the common, integrated information, computing and infrastructure environment that supports all DOD operations. Enclosure H contains the hierarchy of the EIEMA. The hierarchy reflects the subportfolio and two-tiered capability structure provided in the EIEMA Architecture v1.0. *Per a 27 February 2008 email by the Deputy DOD CIO, the EIEMA capabilities will be merged into the Joint Net-Centric Operations Tier 2 JCA upon the publication of the DOD Directive on Capability Portfolio Management. The EIEMA Architecture is now the Defense Information Enterprise (DIE) Architecture, providing overall guidance on implementation of Net-Centric capabilities, not a specific Mission Area architecture.* The Table in Enclosure H contains the former EIEMA Subportfolios and Capabilities, which will remain in this Hierarchy until formally cancelled in the DODD 8115.01 update or other official documentation.

2.1.2. The DON Pillars

The current Navy budgeting process is aligned with the Sea Power 21 (SP21) Pillars. The Naval Power 21 (NP21) Pillars are comprised of the SP21 Pillars and Expeditionary Maneuver from the Sea (EMFTS), formerly Expeditionary Maneuver Warfare. The NP21 Pillars are used in Enclosure F to assign Chief Engineers to Segment Reference Architectures. *Both NP21 Pillars and the Sea Power 21 Pillars are due to change to a new construct. The Hierarchy will be adjusted when the details of that new construct is published.* The term EMFTS is provided in the Marine Corps capstone document under the same name. EMFTS is used in Enclosure F to show the mapping of Marine Corps Tasks and existing architectures to JCAs.

2.1.3. The DOD JCAs, DON SRAs and DON Mission-Level Architectures

Existing DON Mission-Level Architectures are being collected and integrated in alignment with the WMA JCAs and equivalent capabilities in the other DOD Mission Areas. These Mission-Level architectures will provide a way to map DON system architectures to DOD capabilities through the context of DON SRAs. Existing DON Mission-Level architectures include the FORCEnet, Theater Air and Missile Defense, Anti-Submarine Warfare, Mine Warfare, Fires, Riverine Warfare, Sea Basing, Surface Warfare, and the Marine Corps Warfighting Functions shown as EMFTS sub-architectures. The mapping of systems to SRAs, and to capabilities is through the operational activities of each level's OV-5s, via the

UJTL or other similar mappings. *The existing DON MAs provide the equivalent to the DON EA Framework's Capstone Layer SRAs, based on the new JCAs, which is in development. The Capstone Layer will also include Reference Models, which will incorporate such items as the Naval Architecture Elements Reference Guide, the Navy Architecture Development Guidebook, the FORCENet and USMC TV-1/2, and a security reference model.*

2.2. DON EA Hierarchy in Naval Architecture Repository System (NARS)

Per the DODD 4630.8 and CJCSI 6212.01D, programs are required to register their architectures in the Defense Architecture Repository System (DARS). Additionally, for DON programs, they are required to register and upload architecture data in the NARS. There is a front-end module for NARS in development which allows users to view existing DON Mission-Level architectures and perform analysis. Loaded into the database will be the DOD JCAs, DON SRAs, the capability areas with applicable architectures, and all current DON system architectures. Architectures will be mapped to the next higher level, allowing users to perform Capability Portfolio Management (CPM) gap/overlap analysis.

2.3. Mission Area Hierarchy Table Layout

Enclosures E through H provide the BMA, WMA, DIMA, and EIEMA specifics, respectively, in a table format. The DIMA table, with the least available information, only provides the subportfolios. The BMA and EIEMA tables provide the BCs/Capabilities grouped by subportfolio. The rows with no colored bar are the subportfolios. The colored bars help to graphically display the hierarchy of the EIEMA Capabilities grouped by subportfolio. Both the BMA and EIEMA have OV-5s with operational activities mapped to each of the BC/Capabilities and subportfolios, which will be available in the DON EA Hierarchy module in NARS. In the WMA table, the JCAs are provided, grouped by subportfolio. In this table, the color code of the bars provides more significance. JCAs have their own hierarchy, five levels in this case, and are displayed with purple bars. The Navy ROCs are displayed with blue bars. Since Navy ROCs can be assigned to any level JCA and directly to NP21 Pillars, they are all listed with the lowest level in the hierarchy for consistency. The key for the numbering convention of the ROCs is available in reference h. The MCTs are displayed with red bars. A Work Breakdown Structure-type numbering scheme is used for all Mission Areas. The DON Mission Level Architecture column is split between the "Existing Principle DON Mission-Level Architecture" and "Existing Supporting DON Mission-Level Architectures," designating which mission area is the principle if multiple mission areas map to the same JCA. Existing Mission-Level Architectures are mapped in the table based on (1) JCA declarations made in JCIDS and/or ISP documentation and (2) mapping of operational activities in Program-Level architectures aggregated to create the Mission-Level Architectures. The J-7 JCA Decoder will be used to transform the mapping of existing architectures to the new integrated SRAs upon its release.

2.4. Mapping the Program-Level Architectures to the SRAs, DON Mission-Level Architectures, Joint Capability Areas, and the Business Capabilities.

Several mechanisms are available to Program-Level architects to map programs to the existing DON Mission-Level architectures and DON SRAs. For programs using or mapping operational activities to the UJTL, there is a J-7 provided UJTL-to-JCA mapping. For those programs declaring Navy ROCs, Enclosure F of this hierarchy provides mappings of ROCs

to JCAs. Those programs using or mapping to the MCTL can use the mapping of the MCTL to the JCAs also available in the Enclosure F. Programs required to obtain BTA certification can use the OV-5 leaf node activities mapping to BCs available in the AV-2 of the BEA 5.0

Once the new JCAs are fully decomposed and approved by the DepSecDef, a transformation matrix released by the J-7 will be used to remap existing DON Mission-Level Architecture/JCA/BC mappings to the SRAs. Those programs required to map to the new JCAs before that time can use the current matrix (limited to mapping to Tiers 1-3 JCAs) named the “J-7 Decoder Matrix” currently available on the J-7 JCA website.

Enclosure A. References

- a. Clinger-Cohen Act of 1996
- b. DOD Directive 4630.8, 30 June 2004, "Procedures for Interoperability and Supportability of Information, Technology (IT) and National Security Systems (NSS)"
- c. DOD Directive 8115.01, 10 October 2005, "Information Technology Portfolio Management"
- d. DOD Instruction 8115.02, 30 October 2006, "Information Technology Portfolio Management Implementation"
- e. CJCSI 6212.01D, 8 March 2006, current as of 14 March 2007, "Interoperability and Supportability of Information Technology and National Security Systems"
- f. CJCSI 8410.01, 22 June 2007, "Warfighting Mission Area Information Technology Portfolio Management and Net-Centric Data Sharing"
- g. SECNAVINST 5000.36A, 19 December 2005, "Department of the Navy Information Technology Applications and Data Management"
- h. OPNAVINST C3501.2J (Unclassified Extract), 31 May 1996, "Naval Warfare Mission Areas and Required Operational Capability/Projected Operational Environment Statements"
- i. NP21, October 2002, "Naval Power 21...a Naval Vision"
- j. MCS21, July 1999, "Marine Corps Strategy 21"
- k. DepSecDef Memo, 7 February 2008, "Capability Portfolio Management Way Ahead"
- l. DepSecDef Memo, 14 February 2008, "Joint Capability Areas (JCAs)"
- m. Business Enterprise Architecture v5.0, 15 March 2008, http://www.defenselink.mil/dbt/products/2008_BEA_ETP/bea/iwp/default.htm
- n. DIE Architecture v1.0, 11 April 2008

Enclosure B. Acronyms

ASD(NII)	Assistant Secretary of Defense (Networks and Information Integration)
ASUW	Anti-Surface Warfare
BA/ISR	Battlespace Awareness/Intelligence, Surveillance, and Reconnaissance
BC	Business Capability
BEA	Business Enterprise Architecture
BMA	Business Mission Area
BTA	Business Transformation Agency
C&N	Computers and Networks
C2	Command and Control
CBM	Core Business Mission
CHENG	Chief Engineer
CIO	Chief Information Officer
CJCSI	Chairman of the Joint Chiefs of Staff Instruction
CPM	Capability-based Portfolio Management
DAS	Defense Acquisition System
DepSecDef	Deputy Secretary of Defense
DIMA	DOD portion of the Intelligence Mission Area
DOD	Department of Defense
DODD	Department of Defense Directive
DODI	Department of Defense Instruction
DON	Department of the Navy
EA	Enterprise Architecture
EIEMA	Enterprise Information Environment Mission Area
EMFTS	Expeditionary Maneuver from the Sea
ETP	Enterprise Transition Plan
FAM	Functional Area Manager
FCB	Functional Capabilities Board
FEA	Federal Enterprise Architecture
Fn	FORCEnet
GIG	Global Information Grid
HQMC	Headquarters, U.S. Marine Corps
IR&G	Institutional Reform and Governance
IRB	Investment Review Board
IT	Information Technology
JCA	Joint Capability Areas
JCIDS	Joint Capabilities Integration and Development System
JCS	Joint Chiefs of Staff
MA CHENG	Mission Area Chief Engineer
EMFTS – Man	Expeditionary Maneuver from the Sea – Maneuver
EMFTS – Intel	Expeditionary Maneuver from the Sea – Intelligence
EMFTS – Log	Expeditionary Maneuver from the Sea – Logistics
EMFTS – FP	Expeditionary Maneuver from the Sea – Force Protection
MCCDC	Marine Corps Combat Development Command
MCT	Marine Corps Task

MCTL	Marine Corps Task List
METL	Mission Essential Task List
MIW	Mine Warfare
MPT&E	Manpower, Training, and Education
N8	Deputy Chief of Naval Operations for Integration of Capabilities and Resources
NARS	Naval Architecture Repository System
NCOE	Net-Centric Operating Environment
NII	Networks and Information Integration
NP21	Naval Power 21
NSS	National Security System
PfM	Portfolio Management
PPBE	Planning, Programming, Budgeting and Execution
RDA	Research, Development and Acquisition
ROC	Required Operational Capability
RM	Reference Model
SECNAV	Secretary of the Navy
SP21	Sea Power 21
SRA	Segment Reference Architecture
SS/S	Sea Strike/Shield
STOM	Ship to Objective Maneuver
TAMD	Theater Air Missile Defense
USD(I)	Undersecretary of Defense for Intelligence
USMC	United States Marine Corps
USN	United States Navy
USW	Undersea Warfare
WMA	Warfighting Mission Area

Enclosure C. Glossary

Business Enterprise Architecture. A blueprint to guide and constrain investments in DOD organizations, operations, and systems as they relate to or impact business operations. It will provide the basis for the planning, development, and implementation of business management systems that comply with Federal mandates and requirements, and will produce accurate, reliable, timely, and compliant information for DOD staff. (Source: BEA v5.0 AV-2)

Business Mission Area. The BMA ensures that the right capabilities, resources, and materiel are reliably delivered to our warfighters: what they need, where they need it, when they need it, anywhere in the world. In order to cost-effectively meet these requirements, the DOD current business and financial management infrastructure - processes, systems, and data standards - are being transformed to ensure better support to the warfighter and improve accountability to the taxpayer. Integration of business transformation for the DOD business enterprise is led by the Deputy Secretary of Defense in his role as the Chief Operating Officer of the Department. (Source: DODI 8115.02)

Business Transformation Agency. The Deputy Secretary of Defense directed the establishment of the Defense Business Transformation Agency (BTA) in a memorandum effective October 7, 2005. The mission of this Agency is to transform business operations to achieve improved warfighter support while enabling financial accountability across the Department of Defense. (Source: BEA v5.0 AV-2)

Capstone Layer of the DON EA Framework. The DON EA Framework, currently in development by DON CIO, is structured based on the Federal Enterprise Architecture. In the Federal Enterprise Architecture, there are three layers: Enterprise, Segment, and Solution. In the DON EA realization of the Federal Enterprise Architecture (FEA), the Capstone Layer is the combined Enterprise Layer Reference Models and Segment Layer.

Command and Control (C2) System. A system used by legally designated commanders and their staffs to support decision-making across warfighting and administrative functional areas.

Control System. A system used by subordinates to a legally designated commander to support execution of one or more warfighting or administrative functional area(s).

DOD portion of the Intelligence Mission Area. The DIMA includes IT investments within the Military Intelligence Program and Defense component programs of the National Intelligence Program. The USD(I) has delegated responsibility for managing the DIMA portfolio to the Director, Defense Intelligence Agency, but USD(I) retains final signature authority. DIMA management will require coordination of issues among portfolios that extend beyond the Department of Defense to the overall Intelligence Community. (Source: DODD 8115.01)

DON Mission-Level Architectures. The need for these is implied in the CJCSI 3170/6212 which state that the Program-Level architectures need to be based on reference architectures. Mission-Level architectures provide the operational context for each acquisition program, as well as a description of the system's role within the system-of-systems which support the DON mission. Within Business Management, the Core Business Missions and their subordinate Business Capabilities are the equivalent to the JCAs in the Warfighting Mission Areas. In addition, DON Mission-Level Architectures, if done properly, serve as the basis for modeling mission capabilities in support of operational and SoS analyses. Going beyond that, mission-level architectures will provide the operational and system requirements for testing SoSs, giving greater fidelity to developmental and operational testing and to pre-deployment systems integration testing. *This term is to be retired as existing DON Mission-Level architectures are integrated into the DON SRAs.*

Enterprise Information Environment Mission Area. The EIEMA represents the common, integrated information computing and communications environment of the GIG. The EIE is composed of GIG assets that operate as, provide transport for, and/or assure local area networks, campus area networks, tactical operational and strategic networks, metropolitan area networks, and wide area networks. The EIE includes computing infrastructure for the automatic acquisition, storage, manipulation, management, control, and display of data or information, with a primary emphasis on DOD enterprise hardware, software operating systems, and hardware/software support that enable the GIG enterprise. The EIE also includes a common set of enterprise services, called Core Enterprise Services, which provide awareness of, access to, and delivery of information on the GIG. (Source: DODD 8115.01) *Based on a 27 Feb 08 email from Mr. Wennergren, Deputy DOD CIO, the EIEMA will be merged into the Joint Net-Centric Operations JCA. This Hierarchy will reflect that change when the DODD 8115.01 is formally updated per the email.*

Functional Area Managers. Organizations responsible for development and management of system, application, and database portfolios used to support the processes within that functional area. (Source: SECNAVIST 5000.36A)

Joint Capability Areas. The JCAs align IT investments to an FCB and, in turn, identifies the domain owner. All DOD capabilities can be mapped to JCAs. Currently, Tier 2 JCAs are assigned to FCBs for management purposes. WMA IT investments will be reviewed according to the JCA definitions to determine the appropriate IT domain bin. JCAs are an integral part of capabilities planning intended to provide a common language across related DOD activities and processes. They are a collection of similar capabilities grouped at a high level in order to support decision-making, capability delegation, and analysis. Tier 2 JCAs are functional or operational capabilities with sufficient detail to support Combined Joint Task Force-level operations/missions, or joint force generation/management activities. Tier 2 JCAs scope, bound, clarify, and better define the intended mission set of their Tier 2 JCAs. They prevent duplication between Tier 2 JCAs, and are not Service or platform specific. (Source: CJCSI 8410.01)

Portfolio. The collection of capabilities, resources, and related investments that are required to accomplish a mission-related or administrative outcome. A portfolio includes outcome

performance measures (mission, functional, or administrative measures) and an expected return on investment. “Resources” include people, money, facilities, weapons, IT, other equipment, logistics support, services, and information. Management activities for the portfolio include strategic planning, capital planning, governance, process improvements, performance metrics/measures, requirements generation, acquisition/development, and operations. (See Section 7.8.3.6. of the Defense Acquisition Guidebook for more information about performance measures.) (Source: DODI 8115.02)

Segment Reference Architectures. Based on the Federal Enterprise Architecture Segment Layer, the SRAs define how the DON EA is to be functionally organized based on the DOD JCAs. These architectures will integrate and replace the existing DON Mission-Level Architectures and Functional Area Manager Architectures.

Subportfolio. A subdivision of a portfolio that represents a common collection of related or highly dependent information capabilities and services. For the purposes of this document, the terms subportfolio, domain, and Core Business Mission Area have the same meaning. (Source: DODI 8115.02)

Program-Level Architectures. The DOD 4630 series and CJCSI 6212 define the scope of IT and NSS systems that are required to develop integrated architectures as part of a Net-Ready KPP as part of JCIDS and ISP documentation. In the context of the DON EA, the DON EA and all sub-architectures are to be an integrated architecture. The use of the term Program-Level architectures in the context of the DON EA specifies the architecture data required of solution architectures that are within the scope systems under the DODD 4630.5, and those systems and applications under PFM of the FAMs. If used properly, Program-Level architectures are an ideal means for transmitting very complex and detailed operational, system, and technical requirements from the requirements sponsor to the system developer and provides PFMs the necessary architecture information to make investment decisions.

Warfighting Mission Area. The WMA provides life cycle oversight to applicable DOD Component and Combatant Commander IT investments (programs, systems, and initiatives). WMA IT investments support and enhance the Chairman of the Joint Chiefs of Staff’s joint warfighting priorities while supporting actions to create a net-centric distributed force, capable of full spectrum dominance through decision and information superiority. WMA IT investments ensure Combatant Commands can meet the Chairman of the Joint Chiefs of Staff’s strategic challenges to win the war on terrorism, accelerate transformation, and strengthen joint warfighting through organizational agility, action and decision speed, collaboration, outreach, and professional development. (Source: DODI 8115.02)

Enclosure D. Capstone Layer View of the DON EA Framework

The DON CIO is currently leading an effort to develop the DON EA Framework. This framework is based on the premise that at the DOD level, the current DOD Mission Area construct will give way to the new Capability Portfolio Management construct unifying the DOD MAs under a single set of JCAs. These new JCAs are approved through Tier 3 and are scheduled to have Tiers 4-7 approved by December 2008. These new JCAs will incorporate all of the capabilities currently broken out in the BMA, WMA, EIEMA, and DIMA.

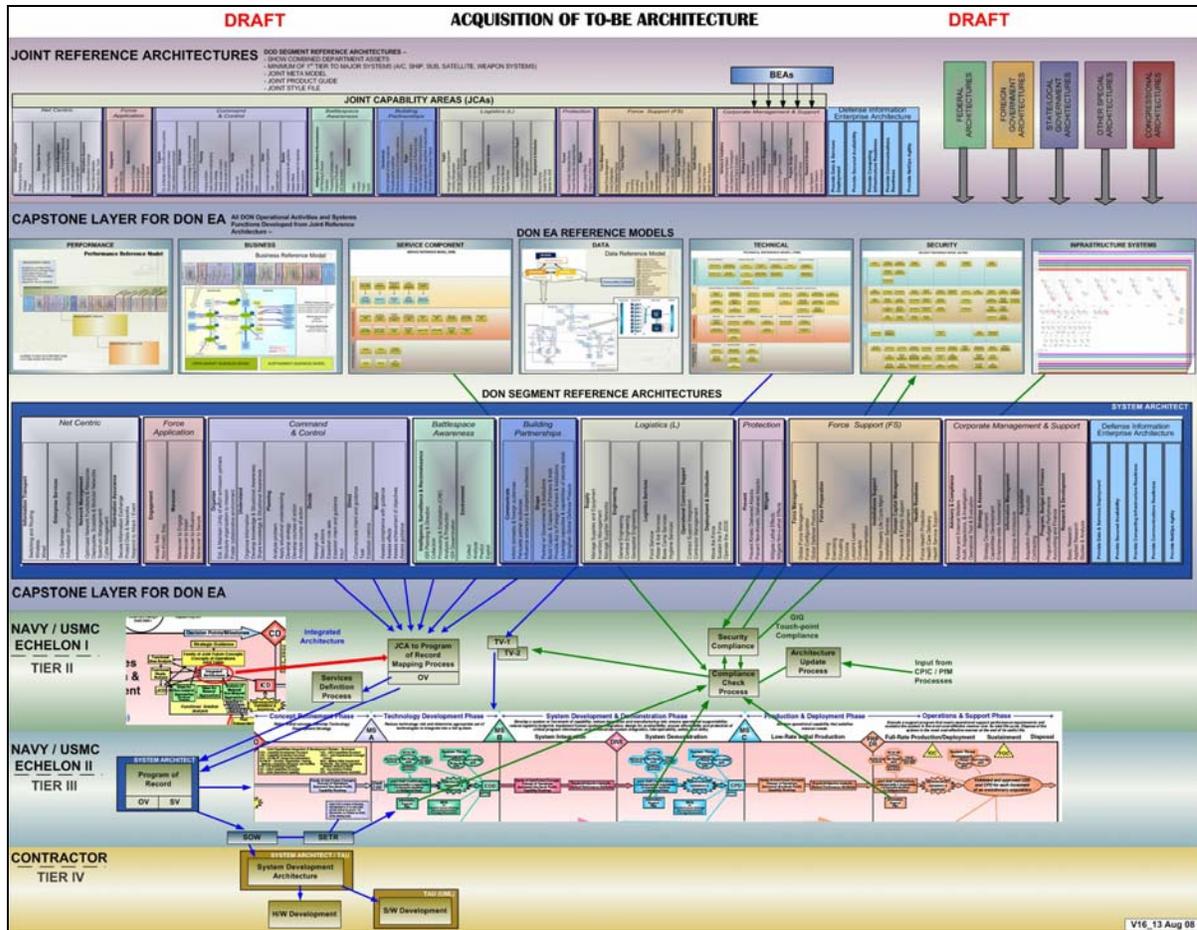


Figure 2. DON Enterprise Architecture Framework (To-Be)

The DON EA Framework is based on the Federal Enterprise Architecture (FEA) three layer structure comprised of Enterprise, Segment and Solution layers. Figure 2 shows the current draft of the To-Be view of the DON EA Framework. The DON EA Framework consists of both As-Is and To-Be architectures, which reflect both the FAM/Resource Sponsor processes and the Acquisition Process, respectively. The DON EA Framework consists of the Enterprise, Capstone and Program Layers. The Capstone Layer will provide a single PFM construct, aligned to the DOD CPM construct, for the DON. This construct meets the DepSecDef's top-down requirement to combine the disparate Portfolio Management constructs. The term DON Segment Reference Architectures will now describe segment

layer architectures currently called ‘DON Mission Area architectures’ in the warfighting/acquisition community and ‘Functional Area Manager architectures’ by the FAMs.

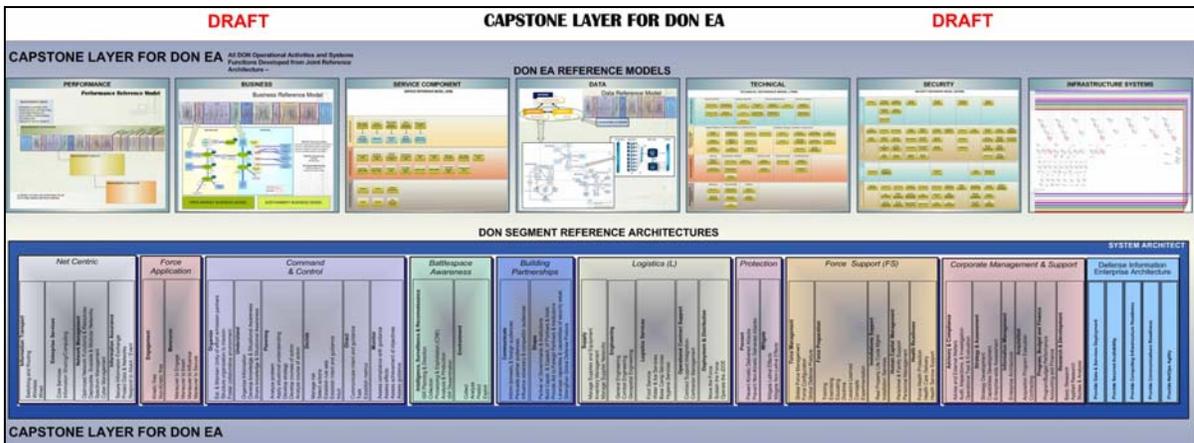


Figure 3. DON Enterprise Architecture Framework Capstone Layer

The Capstone Layer in Figure 3 includes what is referred to in the FEA as the Reference Models of the Enterprise Layer and the Segment Layer, and is organized based on the new JCAs. The Capstone Layer also includes six reference models (RMs), five of which come from the FEA and DOD EA RMs: the Performance Reference Model, Business Reference Model, Service Component Reference Model, Data Reference Model, Technical Reference Model, and Security Reference Model. The Capstone Layer also provides linkages to external architecture frameworks (Federal Architectures, State/Local Government Architectures, Congressional Architectures, and Foreign Government Architectures).

Enclosure E. Business Mission Area

Hierarchy Identifier	Business Mission Area Business Capabilities	NP 21 Pillar/ MA CHENG	Existing Principle Mission-Level Architecture	Existing Supporting Mission-Level Architectures
01	Human Resources Management	MPT&E		
01.01	Administer Position Management	MPT&E		
01.02	Manage Assignment and Placement and Transfer	MPT&E		
01.03	Manage Benefits	MPT&E		
01.04	Manage Candidate Accession	MPT&E		
01.05	Manage Military Health Services	MPT&E		
01.06	Manage Personnel and Pay	MPT&E		
01.07	Manage Quality of Life, Morale, Welfare and Recreation	MPT&E		
01.08	Manage Retirement and Separation	MPT&E		
01.09	Manage Travel	MPT&E		
02	Acquisition Weapon System Lifecycle Management	Enterprise		
02.01	Conduct Program Management	Enterprise		
02.02	Manage Acquisition Oversight	Enterprise		
02.03	Monitor Communication Requirements for DoD Technology Export	Enterprise		
03	Materiel Supply and Service Management	Enterprise		
03.01	Deliver Property and Forces	Enterprise		
03.02	Dispose or Return Property & Materiel	Enterprise		
03.03	Perform Asset Accountability	Enterprise		
03.04	Perform Build and Make and Maintenance and Sustainment	Enterprise		
03.05	Manage Payment	Enterprise		
03.06	Mange Receipt and Acceptance	Enterprise		
03.07	Manage Request	Enterprise		
03.08	Manage Sourcing	Enterprise		
04	Real Property and Installations Lifecycle Management	Enterprise		
04.01	Environmental Liabilities Identification and Valuation	Enterprise		
04.02	Hazardous Materials Process Controls and Information Management	Enterprise		
04.03	Real Property Acceptance	Enterprise		

Hierarchy Identifier	Business Mission Area Business Capabilities		NP 21 Pillar/ MA CHENG	Existing Principle Mission-Level Architecture	Existing Supporting Mission-Level Architectures
04.04		Real Property Inventory	Enterprise		
05		Financial Management	Enterprise		
05.01		Collect and Disburse	Enterprise		
05.02		Financial Reporting	Enterprise		
05.03		Forecast, Plan, Program, Budget and Funds Distribution and Control	Enterprise		
05.04		Manage Financial Assets and Liabilities	Enterprise		
05.05		Mange General Ledger	Enterprise		
05.06		Managerial Accounting	Enterprise		

Enclosure F. Warfighting Mission Area

Hierarchy Identifier	Joint Capability Area/DON Segment Reference Architecture (Marine Corps Essential Task/Navy Required Operational Capability)	NP 21 Pillar/ MA CHENG	Existing Principle Mission- Level Architecture	Existing Supporting Mission- Level Architectures
01	Net-Centric Operations	FORCEnet EMFTS	Fn – C&N EMFTS	
01.01	Joint Net-Centric Operations	FORCEnet EMFTS	Fn – C&N EMFTS	
01.01.MCT5.1.1	Provide and Maintain Communications	EMFTS	EMFTS	
01.01.01	Information Transport	FORCEnet	Fn – C&N	
01.01.01.CCC4	Maintain Navy Tactical Data System or Data Link Capability	FORCEnet	Fn – C&N	
01.01.01.CCC5	Provide Airborne Capability to Relay C2 Communications to Strategic Forces	FORCEnet	Fn – C&N	
01.01.01.CCC6	Provide Communications for Own Unit	FORCEnet	Fn – C&N	
01.01.01.CCC8	Provide a Reliable and Survivable Communications Relay Capability to Deployed Strategic Forces	FORCEnet	Fn – C&N	
01.01.01.CCC9	Relay Communications	FORCEnet	Fn – C&N	
01.01.01.CCC10	Provide Special Communications	FORCEnet	Fn – C&N	
01.01.01.CCC13	Provide Communications Support for Shore-Based Surface, Submarine, or Air Units	FORCEnet	Fn – C&N	
01.01.01.CCC14	Provide Defense Information Infrastructure System Connectivity	FORCEnet	Fn – C&N	
01.01.01.CCC15	Maintain and Operate a Fleet Telecommunications Operations Center	FORCEnet	Fn – C&N	
01.01.01.NCO4	Provide Closed-Circuit Television Support for Own Unit	FORCEnet	Fn – C&N	
01.01.02	Network Management	FORCEnet	Fn – C&N	
01.01.02.CCC16	Function as the Navy Satellite Communications Network Area Control Activity	FORCEnet	Fn – C&N	
01.01.03	Information Assurance	FORCEnet	Fn – C&N	
01.01.03.CCC12	Maintain Ability to Super-Encrypt Cryptographically Covered Communications Circuits	FORCEnet	Fn – C&N	

Hierarchy Identifier	Joint Capability Area/DON Segment Reference Architecture (Marine Corps Essential Task/Navy Required Operational Capability)	NP 21 Pillar/ MA CHENG	Existing Principle Mission- Level Architecture	Existing Supporting Mission- Level Architectures
01.01.03.C2W19	Plan and Conduct IW-Protection Operations to Defend Friendly Information, Information-Based Processes, Information Systems and Computer-Based Networks	FORCEnet	Fn – C&N	
01.01.04	Enterprise Services	FORCEnet	Fn – C&N	
01.01.05	Applications	FORCEnet	Fn – C&N	
01.01.06	Knowledge Management	FORCEnet	Fn – C&N	
02	Command and Control (C2)	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01	Joint Command and Control	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.MCT5.1.1	Provide and Maintain Communications	EMFTS	EMFTS – C2	
02.01.MCT5.1.2	Manage Means of Communicating Information	EMFTS	EMFTS – C2	
02.01.MCT5.1.2.1	Utilize the Global Command and Control System (GCCS) and the Defense Information System Network (DISN)	EMFTS	EMFTS – C2	
02.01.MCT5.1.2.1.1	Maintain and Operate Joint C4 Systems	EMFTS	EMFTS – C2	
02.01.MCT5.1.2.2	Establish, Maintain, and Operate MAGTF C2 Systems	EMFTS	EMFTS – C2	
02.01.MCT5.3.2	Establish Means to Command and Control	EMFTS	EMFTS – C2	
02.01.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
02.01.CCC3	Provide Own Unit's Command and Control Functions	FORCEnet	Fn – C2	
02.01.01	Exercise Command Leadership	FORCEnet	Fn – C2	
02.01.01.01	Establish and Promulgate Rules of Engagement	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.01.01.MCT5.2.2.1.2	Review, Request Changes to, Provide Rules of Engagement (ROE)	EMFTS	EMFTS – C2	
02.01.01.02	Set Priorities, Guidance and Standards	FORCEnet EMFTS	Fn – C2	
02.01.01.01.MCT5.2.2.1.3	Develop Commander's Planning Guidance	EMFTS	EMFTS – C2	
02.01.01.03	Cultivate Relations With Mission Partners	FORCEnet	Fn – C2	
02.01.01.04	Manage Risk	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.01.04.MCT5.3.1.8	Conduct Operational Risk Management (ORM)	EMFTS	EMFTS – C2	

Hierarchy Identifier	Joint Capability Area/DON Segment Reference Architecture (Marine Corps Essential Task/Navy Required Operational Capability)	NP 21 Pillar/ MA CHENG	Existing Principle Mission-Level Architecture	Existing Supporting Mission-Level Architectures
02.01.01.04.MCT6.1.1.2.3	Provide Security for High Risk Personnel and Installation Special Events	EMFTS	EMFTS – FP	
02.01.01.05	Develop Strategy	FORCEnet	Fn – C2	
02.01.02	Establish/Adapt Command Structure & Enable Global and Regional Collaboration	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.02.MCT1.1.2.2	Provide Command Element	EMFTS	EMFTS – Man	
02.01.02.MCT1.1.2.3	Provide Headquarters Personnel and Infrastructure	EMFTS	EMFTS – Man	
02.01.02.MCT5.1	Acquire, Process, Communicate Information, and Maintain Status	EMFTS	EMFTS – C2	
02.01.02.MCT5.1.1	Provide and Maintain Communications	EMFTS	EMFTS – C2	
02.01.02.MCT5.1.2	Manage Means of Communicating Information	EMFTS	EMFTS – C2	
02.01.02.MCT5.1.2.1	Utilize the Global Command and Control System (GCCS) and the Defense Information System Network (DISN)	EMFTS	EMFTS – C2	
02.01.02.MCT5.2	Prepare Plans and Orders	EMFTS	EMFTS – C2	
02.01.02.MCT5.2.2	Conduct Deliberate Planning (Marine Corps Planning Process) (MCP)	EMFTS	EMFTS – C2	
02.01.02.MCT5.3	Direct, Lead, Coordinate Forces/Operations	EMFTS	EMFTS – C2	
02.01.02.MCT5.3.1.7	Establish Liaisons	EMFTS	EMFTS – C2	
02.01.02.MCT5.4	Conduct Information Operations (IO)	EMFTS	EMFTS – C2	
02.01.02.MCT5.5	Conduct Joint and Combined Operations	EMFTS	EMFTS – C2	
02.01.02.MCT5.5.1	Integrate and Operate with Joint/Combined Operations	EMFTS	EMFTS – C2	

Hierarchy Identifier	Joint Capability Area/DON Segment Reference Architecture (Marine Corps Essential Task/Navy Required Operational Capability)	NP 21 Pillar/ MA CHENG	Existing Principle Mission- Level Architecture	Existing Supporting Mission- Level Architectures
02.01.02.MCT5.5.2	Participate in the Development of Joint Service Doctrine and TTPS	EMFTS	EMFTS – C2	
02.01.02.MCT5.5.3	Conduct Joint Mission Planning Utilizing JOPEs (Campaign/ Deliberate/ Crisis Action Planning)	EMFTS	EMFTS – C2	
02.01.02.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
02.01.02.CCC1	Provide C2 Facilities for a Task Organization Commander and Staff	FORCEnet	Fn – C2	
02.01.02.01	Organize Staff to Align With Mission	FORCEnet	Fn – C2	
02.01.02.02	Refine JTF Component Organization and Integrate Capabilities	FORCEnet	Fn – C2	
02.01.02.03	Refine Command Relationships	FORCEnet	Fn – C2	
02.01.02.04	Establish/Identify Collaboration Mechanisms	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.02.04.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
02.01.03	Communicate Commander's Intent & Guidance	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.03.MCT3.1.1	DECIDE/Determine Commander's Objective, Guidance and Intent	EMFTS	EMFTS – Fires	
02.01.03.MCT5.2.2.1.3	Develop Commander's Planning Guidance	EMFTS	EMFTS – C2	
02.01.03.01	Incorporate Strategic Mission and Guidance Into Commander's Intent	FORCEnet	Fn – C2	
02.01.03.02	Conduct Mission Analysis	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.03.02.MCT5.2.2.1	Conduct Mission Analysis	EMFTS	EMFTS – C2	
02.01.03.03	Develop/Promulgate Initial Commander's Intent/Guidance; Update As Required	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.03.03.MCT3.1.1	DECIDE/Determine Commander's Objective, Guidance and Intent	EMFTS	EMFTS – Fires	
02.01.03.03.MCT5.2.2.1.3	Develop Commander's Planning Guidance	EMFTS	EMFTS – C2	
02.01.03.04	Direct Action Through Mission-Type Orders	FORCEnet	Fn – C2	

Hierarchy Identifier	Joint Capability Area/DON Segment Reference Architecture (Marine Corps Essential Task/Navy Required Operational Capability)	NP 21 Pillar/ MA CHENG	Existing Principle Mission-Level Architecture	Existing Supporting Mission-Level Architectures
02.01.04	Operational Planning	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.04.MCT2.1	Plan and Direct Intelligence Operations	EMFTS	EMFTS – Intel	
02.01.04.MCT3.1.2	DECIDE/Conduct Target Development, Validation, Nomination, and Prioritization	EMFTS	EMFTS – Fires	
02.01.04.MCT5.1	Acquire, Process, Communicate Information, and Maintain Status	EMFTS	EMFTS – C2	
02.01.04.MCT5.2	Prepare Plans and Orders	EMFTS	EMFTS – C2	
02.01.04.MCT5.2.1	Conduct Rapid Response Planning Process (R2P2)	EMFTS	EMFTS – C2	
02.01.04.MCT5.3.1.7	Establish Liaisons	EMFTS	EMFTS – C2	
02.01.04.MCT5.3.2	Establish Means to Command and Control	EMFTS	EMFTS – C2	
02.01.04.MCT5.5	Conduct Joint and Combined Operations	EMFTS	EMFTS – C2	
02.01.04.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
02.01.04.MCT5.5.2	Participate in the Development of Joint/Service Doctrine and TTPs	EMFTS	EMFTS – C2	
02.01.04.MCT5.5.3	Conduct Joint Mission Planning Utilizing JOPES (Campaign/Deliberate/Crisis Action Planning)	EMFTS	EMFTS – C2	
02.01.04.01	Develop/Analyze/Select COAs	FORCEnet	Fn – C2	
02.01.04.02	Develop Joint/Coalition Campaign Plan	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.04.02.MCT5.2.2.3.1	Develop Synchronization Matrix	EMFTS	EMFTS – C2	
02.01.04.03	Develop Plans Across Full ROMO	FORCEnet	Fn – C2	
02.01.04.04	Assess Plan Effectiveness; Prepare For Execution	FORCEnet	Fn – C2	
02.01.05	Synchronize Execution Across All Domains	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.05.MCT1.3.2.6	Reinforce and Expand Lodgment	EMFTS	EMFTS – Man	
02.01.05.MCT5.3.1.6	Synchronize Tactical Operations with Warfighting Functions	EMFTS	EMFTS – C2	
02.01.05.MCT5.3.2	Establish Means to Command and Control	EMFTS	EMFTS – C2	
02.01.05.MCT5.3.4	Conduct Fire Support Coordination	EMFTS	EMFTS – C2	
02.01.05.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
02.01.05.AMW4	Serve as Primary Control Ship in Ship-to-Shore Movement	FORCEnet	Fn – C2	
02.01.05.AMW12	Provide Air Control and Coordination of Air Operations in AOA.	FORCEnet	Fn – C2	

Hierarchy Identifier	Joint Capability Area/DON Segment Reference Architecture (Marine Corps Essential Task/Navy Required Operational Capability)	NP 21 Pillar/ MA CHENG	Existing Principle Mission-Level Architecture	Existing Supporting Mission-Level Architectures
02.01.05.AMW34	Provide Fire Support Control and Coordination	FORCEnet	Fn – C2	
02.01.05.AMW44	Locate and Track Friendly Forces Using the Amphibious Assault Direction System (AN/KSQ-1)	FORCEnet	Fn – C2	
02.01.05.CCC2	Coordinate and Control the Operations of the Task Organization or Functional Force to Carry Out Assigned Missions	FORCEnet	Fn – C2	
02.01.05.CCC11	Conduct Miscellaneous Control Functions	FORCEnet	Fn – C2	
02.01.05.CCC17	Function as Joint Forces Air Component Commander (JFACC)	FORCEnet	Fn – C2	
02.01.05.CCC21	Perform Cooperative Engagement	FORCEnet	Fn – C2	
02.01.05.AAW7	Control Combat Air Patrol	FORCEnet	Fn – C2	
02.01.05.ASU10	Conduct Airborne Operations to Support Surface Attack	FORCEnet	Fn – C2	
02.01.05.ASU11	Perform Duties of Aircraft Control Unit for Aircraft Involved in ASU Operations	FORCEnet	Fn – C2	
02.01.05.ASW10	Perform Duties of Aircraft Control Unit for Aircraft Involved in ASW Operations	FORCEnet	Fn – C2	
02.01.05.STW10	Perform Duties of Aircraft Control Unit for STW Operations	FORCEnet	Fn – C2	
02.01.05.STW11	Coordinate Forces and Conduct Battle Damage Assessment	FORCEnet	Fn – C2	
02.01.05.01	Enable Self-Synchronization of Subordinate Forces	FORCEnet		
02.01.05.02	Synchronize Operations With Mission Partners and Other Agencies	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.05.02.MCT5.3.1.6	Synchronize Tactical Operations with Warfighting Functions	EMFTS	EMFTS – C2	
02.01.05.03	Synchronize Execution Between/Across Phases	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.05.03.MCT5.3.1.6	Synchronize Tactical Operations with Warfighting Functions	EMFTS	EMFTS – C2	
02.01.05.04	Validate Targets	FORCEnet	Fn – C2	
02.01.06	Monitor Execution, Assess Effects & Adapt Operations	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.06.MCT5.2.2	Conduct Deliberate Planning (Marine Corps Planning Process) (MCP)	EMFTS	EMFTS – C2	
02.01.06.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	

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02.01.06.MCT5.5.3	Conduct Joint Mission Planning Utilizing JOPES (Campaign/ Deliberate/ Crisis Action Planning)	EMFTS	EMFTS – C2	
02.01.06.01	Assess Compliance With Commander's Intent	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.06.01.MCT5.2.2.1.2	Review, Request Changes to, Provide Rules of Engagement (ROE)	EMFTS	EMFTS – C2	
02.01.06.02	Assess Achievement of Planned Effects	FORCEnet	Fn – C2	
02.01.06.03	ID/Assess Implications of Unplanned Effects	FORCEnet	Fn – C2	
02.01.06.04	Adapt Operations to Changing Situations	FORCEnet	Fn – C2	
02.01.06.05	Determine Achievement of Desired Objective, End-State, Or Phase Points	FORCEnet	Fn – C2	
02.01.07	Leverage Mission Partners	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.07.MCT5.1.3	Maintain Information and Force Status	EMFTS	EMFTS – C2	
02.01.07.MCT5.2.2	Conduct Deliberate Planning (Marine Corps Planning Process) (MCP)	EMFTS	EMFTS – C2	
02.01.07.MCT5.2.3	Perform Resource Management	EMFTS	EMFTS – C2	
02.01.07.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
02.01.07.MCT5.5.3	Conduct Joint Mission Planning Utilizing JOPES (Campaign/ Deliberate/ Crisis Action Planning)	EMFTS	EMFTS – C2	
02.01.07.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
02.01.07.01	Communicate Mission Objectives, Rationale, Intentions and Support/Actions	FORCEnet	Fn – C2	
02.01.07.02	Coordinate With Mission Partners to Gain Actionable Commitment	FORCEnet	Fn – C2	
02.01.08	Develop & Maintain Shared Situational Awareness and Understanding	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.08.MCT2.2	Collect Data and Intelligence	EMFTS	EMFTS – Intel	
02.01.08.MCT2.2.1	Conduct Tactical Reconnaissance	EMFTS	EMFTS – Intel	
02.01.08.MCT2.3	Process and Exploit Collected Information/Intelligence	EMFTS	EMFTS – Intel	
02.01.08.MCT2.3.2	Correlate Information	EMFTS	EMFTS – Intel	
02.01.08.MCT2.4	Produce Intelligence	EMFTS	EMFTS – Intel	
02.01.08.MCT2.4.3	Analyze and Synthesize Information	EMFTS	EMFTS – Intel	
02.01.08.MCT2.5	Disseminate and Integrate Intelligence	EMFTS	EMFTS – Intel	

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02.01.08.MCT5.1	Acquire, Process, Communicate Information, and Maintain Status	EMFTS	EMFTS – C2	
02.01.08.MCT5.1.1	Provide and Maintain Communications	EMFTS	EMFTS – C2	
02.01.08.MCT5.1.2	Manage Means of Communicating Information	EMFTS	EMFTS – C2	
02.01.08.MCT5.1.3	Maintain Information and Force Status	EMFTS	EMFTS – C2	
02.01.08.MCT5.1.3.2	Provide Positive ID of Friendly Forces within AO	EMFTS	EMFTS – C2	
02.01.08.01	Access/Share Information On Adversary/Neutral/Noncombatants	FORCEnet	Fn – BA/ISR	
02.01.08.02	Access/Share Blue Force Situational Awareness	FORCEnet EMFTS	Fn – C2 EMFTS – C2	
02.01.08.02.MCT5.1.3.2	Provide Positive ID of Friendly Forces within AO	EMFTS	EMFTS – C2	
02.01.08.02.MCT5.1.3.2.2	Establish/Maintain Blue Force Tracker	EMFTS	EMFTS – C2	
02.01.08.03	Access/Integrate Geospatial Information	FORCEnet	Fn – BA/ISR	
02.01.08.04	Reachback For Subject Matter Expertise	FORCEnet	Fn – C2	
02.01.08.05	Display Tailored, Relevant Situational Awareness UDOP	FORCEnet	Fn – C2	
03	Battlespace Awareness	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01	Joint Battlespace Awareness	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01.01	Planning and Direction	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01.01.MCT2.1	Plan and Direct Intelligence Operations	EMFTS	EMFTS – Intel	
03.01.01.MCT2.2	Collect Data and Intelligence	EMFTS	EMFTS – Intel	
03.01.01.MCT2.3	Process and Exploit Collected Information/Intelligence	EMFTS	EMFTS – Intel	
03.01.01.MCT2.4	Produce Intelligence	EMFTS	EMFTS – Intel	
03.01.01.MCT2.5	Disseminate and Integrate Intelligence	EMFTS	EMFTS – Intel	
03.01.01.MCT2.6	Evaluate Intelligence Operations	EMFTS	EMFTS – Intel	
03.01.01.MCT5.1	Acquire, Process, Communicate Information, and Maintain Status	EMFTS	EMFTS – C2	
03.01.01.MCT5.3.2.4	Establish/Conduct Surveillance and Reconnaissance Center (SARC) Operations	EMFTS	EMFTS – C2	
03.01.01.MCT5.4.2	Conduct Operations Security (OPSEC)	EMFTS	EMFTS – C2	
03.01.01.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
03.01.01.MCT5.5.3	Conduct Joint Mission Planning Utilizing JOPES (Campaign/Deliberate/Crisis Action Planning	EMFTS	EMFTS – C2	

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03.01.01.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
03.01.01.MCT6.1.1.3.2	Establish Threat Conditions (THREATCON)	EMFTS	EMFTS – FP	
03.01.01.INT10	Operate a Contingency Planning Cell to Support Fleet Commanders	FORCEnet	Fn – BA/ISR	
03.01.01.INT11	Operate a Special Intelligence Communications Center	FORCEnet	Fn – BA/ISR	
03.01.01.INT12	Operate an Integrated Strike Planning Center	FORCEnet	Fn – BA/ISR	
03.01.01.INT13	Develop, Disseminate, and Monitor a Force Cryptologic Coverage Plan	FORCEnet	Fn – BA/ISR	
03.01.01.INT15	Provide Intelligence Support for Non-Combatant Evacuation Operations	FORCEnet	Fn – BA/ISR	
03.01.01.INT16	Provide Intelligence Support for Counternarcotics Interdiction	FORCEnet	Fn – BA/ISR	
03.01.01.01	Identify Information and Collection Requirements	FORCEnet	Fn – BA/ISR	
03.01.01.02	Conduct Collection Management	FORCEnet	Fn – BA/ISR	
03.01.01.03	Build Collection Plan	FORCEnet	Fn – BA/ISR	
03.01.01.04	Develop ISR Architecture	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01.01.04.MCT2.4.1	Integrate Information	EMFTS	EMFTS – Intel	
03.01.01.04.MCT2.4.3	Analyze and Synthesize Information	EMFTS	EMFTS – Intel	
03.01.01.04.MCT2.4.5	Prepare Intelligence Products	EMFTS	EMFTS – Intel	
03.01.01.04.MCT2.5.1	Determine Form for Disseminating Intelligence	EMFTS	EMFTS – Intel	
03.01.01.04.MCT2.5.2	Establish Secure and Rapid Dissemination Means	EMFTS	EMFTS – Intel	
03.01.02	Operation and Collection (All Domains)	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01.02.MCT2.1.2.5	Conduct Area/Country Studies	EMFTS	EMFTS – Intel	
03.01.02.MCT2.1.3.3	Conduct Human Intelligence Activities	EMFTS	EMFTS – Intel	
03.01.02.MCT2.2	Collect Data and Intelligence	EMFTS	EMFTS – Intel	
03.01.02.MCT2.4.4	Evaluate the Threat	EMFTS	EMFTS – Intel	
03.01.02.MCT2.5	Disseminate and Integrate Intelligence	EMFTS	EMFTS – Intel	
03.01.02.MCT4.4.7	Conduct Tactical Water and/or Hygiene Service	EMFTS	EMFTS – Log	
03.01.02.MCT4.7	Train Forces and Personnel	EMFTS	EMFTS – Log	

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03.01.02.MCT4.7.1	Conduct Individual and Unit Training	EMFTS	EMFTS – Log	
03.01.02.MCT4.7.2	Provide Training Services	EMFTS	EMFTS – Log	
03.01.02.MCT4.7.2.1	Provide Mobile Training Teams (MTT)	EMFTS	EMFTS – Log	
03.01.02.MCT4.10	Conduct Civil-Military Operations (CMO)	EMFTS	EMFTS – Log	
03.01.02.AAW6	Detect, Identify, and Track Targets	FORCEnet	Fn – BA/ISR	
03.01.02.ASU10	Conduct Airborne Operations to Support Surface Attack	FORCEnet	Fn – BA/ISR	
03.01.02.INT1	Support/Conduct Intelligence collection	FORCEnet	Fn – BA/ISR	
03.01.02.INT3	Conduct Surveillance and Reconnaissance	FORCEnet	Fn – BA/ISR	
03.01.02.INT4	Conduct Ocean Surveillance Operations Against Targets of Interest	FORCEnet	Fn – BA/ISR	
03.01.02.INT6	Conduct Surface Reconnaissance	FORCEnet	Fn – BA/ISR	
03.01.02.INT7	Support/Conduct Airborne Reconnaissance	FORCEnet	Fn – BA/ISR	
03.01.02.INT14	Support/Conduct Submarine Reconnaissance	FORCEnet	Fn – BA/ISR	
03.01.02.NCO1	Collect Construction/Facility Engineering Data	FORCEnet	Fn – BA/ISR	
03.01.02.01	Radio Frequency	FORCEnet	Fn – BA/ISR	
03.01.02.02	Materials	FORCEnet	Fn – BA/ISR	
03.01.02.03	Geophysical	FORCEnet	Fn – BA/ISR	
03.01.02.03.NCO42	Conduct Environmental Data Collection Operations	FORCEnet	Fn – BA/ISR	
03.01.02.03.NCO44	Conduct Geophysical Collection Operations	FORCEnet	Fn – BA/ISR	
03.01.02.04	Electro-Optic/IR	FORCEnet	Fn – BA/ISR	
03.01.02.05	Nuclear/Radiological	FORCEnet	Fn – BA/ISR	
03.01.02.06	Radar	FORCEnet	Fn – BA/ISR	
03.01.02.07	Human	FORCEnet	Fn – BA/ISR	
03.01.03	Processing and Exploitation	FORCEnet	Fn – BA/ISR	
03.01.03.INT5	Process Ocean Surveillance Information	FORCEnet	Fn – BA/ISR	
03.01.03.INT8	Process Surveillance and Reconnaissance Information	FORCEnet	Fn – BA/ISR	
03.01.03.01	MASINT	FORCEnet	Fn – BA/ISR	
03.01.03.02	HUMINT	FORCEnet	Fn – BA/ISR	
03.01.03.03	GEOINT (IMINT)	FORCEnet	Fn – BA/ISR	
03.01.03.04	SIGINT	FORCEnet	Fn – BA/ISR	

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03.01.03.04.C2W1	Conduct Electronic Warfare Support Operations	FORCEnet	Fn – BA/ISR	
03.01.03.05	TECHINT	FORCEnet	Fn – BA/ISR	
03.01.03.06	OSINT	FORCEnet	Fn – BA/ISR	
03.01.04	Analysis and Production	FORCEnet	Fn – BA/ISR	
03.01.04.01	Indications and Warning (I&W)	FORCEnet	Fn – BA/ISR	
03.01.04.02	Current Intelligence	FORCEnet	Fn – BA/ISR	
03.01.04.03	General Military Intelligence	FORCEnet	Fn – BA/ISR	
03.01.04.04	Intelligence Preparation of the Battlespace	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01.04.04.MCT2.1.2.1	Conduct Intelligence Preparation of the Battlespace Products	EMFTS	EMFTS – Intel	
03.01.04.05	Operational Intelligence & Targeting Intelligence	FORCEnet	Fn – BA/ISR	
03.01.04.06	Science & Technology	FORCEnet	Fn – BA/ISR	
03.01.04.07	Counter-Intelligence	FORCEnet	Fn – BA/ISR	
03.01.04.07.C2W6	Plan and Conduct Countersurveillance, Countertargeting, and Military Deception Operations	FORCEnet	Fn – BA/ISR	
03.01.04.07.NCO20	Assist and Support the Operating Forces in the Planning and Conduct of Cover and Deception	FORCEnet	Fn – BA/ISR	
03.01.04.08	Modeling & Simulation	FORCEnet	Fn – BA/ISR	
03.01.04.09	Predictive Intelligence	FORCEnet	Fn – BA/ISR	
03.01.05	Dissemination & Integration	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01.05.MCT2.1.2	Conduct Intelligence Support	EMFTS	EMFTS – Intel	
03.01.05.MCT2.2	Collect Data and Intelligence	EMFTS	EMFTS – Intel	
03.01.05.MCT2.3	Process and Exploit Collected Information/Intelligence	EMFTS	EMFTS – Intel	
03.01.05.MCT2.3.2	Correlate Information	EMFTS	EMFTS – Intel	
03.01.05.MCT2.4	Produce Intelligence	EMFTS	EMFTS – Intel	
03.01.05.MCT2.5	Disseminate and Integrate Intelligence	EMFTS	EMFTS – Intel	
03.01.05.MCT2.5.2	Establish Secure and Rapid Dissemination Means	EMFTS	EMFTS – Intel	
03.01.05.INT2	Provide Intelligence	FORCEnet	Fn – BA/ISR	
03.01.05.INT9	Disseminate Surveillance and Reconnaissance Information	FORCEnet	Fn – BA/ISR	

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03.01.05.01	Develop Databases and Applications	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01.05.01.MCT2.5.1	Determine Form for Disseminating Intelligence	EMFTS	EMFTS – Intel	
03.01.05.02	Enable Smart Pull/Push For Intelligence Products	FORCEnet	Fn – BA/ISR	
03.01.05.03	Enable Real-Time Intelligence For the Warfighter	FORCEnet	Fn – BA/ISR	
03.01.06	Evaluation & Provide Feedback	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01.06.MCT2.6	Evaluate Intelligence Operations	EMFTS	EMFTS – Intel	
03.01.06.MCT5.2.2.1.1	Develop Commander’s Battlespace Area Evaluation (CBAE)	EMFTS	EMFTS – C2	
03.01.06.AAW13	Perform AAW Battle Damage Assessment	FORCEnet	Fn – BA/ISR	
03.01.06.AMW19	Perform AMW Battle Damage Assessment	FORCEnet	Fn – BA/ISR	
03.01.06.ASU16	Perform ASU Battle Damage Assessment	FORCEnet	Fn – BA/ISR	
03.01.06.ASW12	Perform ASW Battle Damage Assessment	FORCEnet	Fn – BA/ISR	
03.01.06.C2W20	Perform C2W Battle Damage Assessment	FORCEnet	Fn – BA/ISR	
03.01.06.MIW16	Perform MIW Battle Damage Assessment	FORCEnet	Fn – BA/ISR	
03.01.06.NSW17	Perform NSW Battle Damage Assessment	FORCEnet	Fn – BA/ISR	
03.01.06.STW11	Perform Coordinate Forces and Conduct Battle Damage Assessment	FORCEnet	Fn – BA/ISR	
03.01.06.STW14	Perform STW Battle Damage Assessment	FORCEnet	Fn – BA/ISR	
03.01.07	Develop & Maintain Shared Situational Awareness and Understanding	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01.07.MCT2.2	Collect Data and Intelligence	EMFTS	EMFTS – Intel	
03.01.07.MCT2.2.1	Conduct Tactical Reconnaissance	EMFTS	EMFTS – Intel	
03.01.07.MCT2.3	Process and Exploit Collected Information/Intelligence	EMFTS	EMFTS – Intel	
03.01.07.MCT2.3.2	Correlate Information	EMFTS	EMFTS – Intel	
03.01.07.MCT2.4	Produce Intelligence	EMFTS	EMFTS – Intel	
03.01.07.MCT2.4.3	Analyze and Synthesize Information	EMFTS	EMFTS – Intel	
03.01.07.MCT2.5	Disseminate and Integrate Intelligence	EMFTS	EMFTS – Intel	
03.01.07.MCT5.1	Acquire, Process, Communicate Information, and Maintain Status	EMFTS	EMFTS – C2	
03.01.07.MCT5.1.1	Provide and Maintain Communications	EMFTS	EMFTS – C2	

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03.01.07.MCT5.1.2					Manage Means of Communicating Information	EMFTS	EMFTS – C2	
03.01.07.MCT5.1.3					Maintain Information and Force Status	EMFTS	EMFTS – C2	
03.01.07.MCT5.1.3.2					Provide Positive ID of Friendly Forces within AO	EMFTS	EMFTS – C2	
03.01.07.01					Access/Share Information On Adversary/Neutral/Noncombatants	FORCEnet	Fn – BA/ISR	
03.01.07.02					Access/Share Blue Force Situational Awareness	FORCEnet EMFTS	Fn – BA/ISR EMFTS – Intel	
03.01.07.02.MCT5.1.3.2					Provide Positive ID of Friendly Forces within AO	EMFTS	EMFTS – C2	
03.01.07.02.MCT5.1.3.2.2					Establish/Maintain Blue Force Tracker	EMFTS	EMFTS – C2	
03.01.07.03					Access/Integrate Geospatial Information	FORCEnet	Fn – BA/ISR	
03.01.07.04					Reachback For Subject Matter Expertise	FORCEnet	Fn – BA/ISR	
03.01.07.05					Display Tailored, Relevant Situational Awareness UDOP	FORCEnet	Fn – BA/ISR	
04					Force Application	Sea Basing SS/S(Air) SS/S(Sea) SS/S(Land) Sea Shield FORCEnet EMFTS		
04.01					Joint Land Operations	Sea Basing SS/S(Land) EMFTS	EMFTS – Man	
04.01.MOB14					Conduct Operations Ashore	Sea Basing		
04.01.01					Conduct Operational Movement and Maneuver	Sea Basing EMFTS	STOM EMFTS – Man	
04.01.01.MCT1.2.1					Prepare Forces for Movement	EMFTS	STOM	EMFTS – Man
04.01.01.MCT1.2.6					Conduct Reception, Staging, Onward Movement, and Integration (RSO&I)	EMFTS	STOM	EMFTS – Man
04.01.01.MCT1.3.1					Conduct Maneuver	EMFTS	STOM	EMFTS – Man
04.01.01.MCT1.3.4					Conduct Assault Support Operations	EMFTS	STOM	EMFTS – Man
04.01.01.MCT1.4.1					Conduct Mobility Operations	EMFTS	STOM	EMFTS – Man
04.01.01.MCT1.6.1.1					Conduct a Movement to Contact	EMFTS	STOM	EMFTS – Man

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04.01.01.MCT1.6.2	Conduct Offensive Forms of Maneuver	EMFTS	STOM	EMFTS – Man
04.01.01.MCT4.3.7.2	Conduct Movement Phase of a MPF Operation and ISO MCPP-N Missions	EMFTS	STOM	EMFTS – Log
04.01.01.MCT5.3.2.9	Establish/Conduct Movement Control Center (MCC) Operations	EMFTS	STOM	EMFTS – C2
04.01.02	Provide and Employ Joint Fires	SS/S(SEA) EMFTS	Fires EMFTS – Fires	
04.01.02.MCT3.1	Conduct Targeting (Using D3A in Concert with the Joint Targeting Cycle)	EMFTS	EMFTS – Fires	
04.01.02.MCT3.1.6	ASSESS/Conduct Combat Assessment	EMFTS	EMFTS – Fires	
04.01.02.MCT3.2	Attack Targets	EMFTS	EMFTS – Fires	
04.01.02.MCT3.2.1	Conduct Fire Support Tasks	EMFTS	EMFTS – Fires	
04.01.02.MCT3.2.1.4	Sustain Fire Support	EMFTS	EMFTS – Fires	
04.01.02.MCT3.2.3.1.1	Conduct Close Air Support (CAS)	EMFTS	EMFTS – Fires	
04.01.02.MCT3.2.4.1	Conduct Direct Fires	EMFTS	EMFTS – Fires	
04.01.02.MCT3.2.4.2	Conduct Indirect Fires	EMFTS	EMFTS – Fires	
04.01.02.MCT3.2.5	Control Supporting Arms	EMFTS	EMFTS – Fires	
04.01.02.MCT4.1	Conduct Supply Operations	EMFTS	EMFTS - Log	
04.01.02.MCT4.1.1.6	Conduct Supply Chain Material Management	EMFTS	EMFTS – Log	
04.01.02.MCT4.7	Train Forces and Personnel	EMFTS	EMFTS – Log	
04.01.02.MCT5.1.3	Maintain Information and Force Status	EMFTS	EMFTS – C2	
04.01.02.MCT5.2	Prepare Plans and Orders	EMFTS	EMFTS – C2	
04.01.02.MCT5.3.1.7	Establish Liaisons	EMFTS	EMFTS – C2	
04.01.02.MCT5.3.2.3	Establish/Conduct Force Fires Coordination Center (FFCC) Operations	EMFTS	EMFTS – C2	
04.01.02.MCT5.3.2.7	Establish/Conduct Tactical Air Command Center (TACC) Operations	EMFTS	EMFTS – C2	
04.01.02.MCT5.3.2.10.2	Conduct Operations in Supporting Arms Coordination Center (SACC)	EMFTS	EMFTS – C2	
04.01.02.MCT5.3.3.5	Establish Fire Support Coordination Measures (FSCM)	EMFTS	EMFTS – C2	
04.01.02.MCT5.3.4	Conduct Fire Support Coordination	EMFTS	EMFTS – C2	

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04.01.02.MCT5.3.5	Control Aircraft and Missiles	EMFTS	EMFTS – C2	
04.01.02.MCT5.4.1	Conduct IO Battlespace Shaping	EMFTS	EMFTS – C2	
04.01.02.MCT5.4.2.1	Conduct Computer Network Operations (CNO)	EMFTS	EMFTS – C2	
04.01.03	Conduct Decisive Maneuver	SS/S(Land) EMFTS	STOM EMFTS – Man	
04.01.03.MCT1.3	Conduct Maneuver and Close Forces	EMFTS	EMFTS – Man	
04.01.03.MCT1.6.1.2	Conduct Attacks	EMFTS	EMFTS – Man	
04.01.03.MCT2.1.2	Conduct Intelligence Support	EMFTS	EMFTS – Intel	
04.01.03.MCT3.1	Conduct Targeting (Using D3A in Concert with the Joint Targeting Cycle)	EMFTS	EMFTS – Fires	
04.01.03.MCT3.2.1	Conduct Fire Support Tasks	EMFTS	EMFTS – Fires	
04.01.03.MCT4.1	Conduct Supply Operations	EMFTS	EMFTS – Log	
04.01.03.MCT4.3	Conduct Transportation Operations	EMFTS	EMFTS – Log	
04.01.03.MCT5.1.1	Provide and Maintain Communications	EMFTS	EMFTS – C2	
04.01.03.MCT5.3	Direct, Lead, Coordinate Forces/Operations	EMFTS	EMFTS – C2	
04.01.03.MCT6.1.1.4	Conduct Security Operations in Support of Maneuver	EMFTS	EMFTS – FP	
04.01.03.MOB14	Conduct Operations Ashore	SS/S(Land)		
04.01.03.AMW25	Conduct Military Operations in Urban Terrain	SS/S(Land)		
04.01.04	Control Territory, Population and Resources	Sea Basing EMFTS	Sea Basing	EMFTS – Man
04.01.04.MCT1.6.6.6	Conduct Noncombatant Evacuation Operations (NEO)	EMFTS	Sea Basing	EMFTS – Man
04.01.04.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	Sea Basing	EMFTS – C2
04.01.04.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	Sea Basing	EMFTS – C2
04.01.04.MCT6.1.1	Conduct Active Security	EMFTS	Sea Basing	EMFTS – FP
04.01.04.MCT6.1.1.10.2	Collect, Process, Guard, and Evacuate Enemy POWs and Civilian Detainees	EMFTS	Sea Basing	EMFTS – FP
04.01.04.MCT6.1.2	Conduct Passive Security	EMFTS	Sea Basing	EMFTS – FP
04.01.04.MCT6.2.2	Conduct Air Evacuation	EMFTS	Sea Basing	EMFTS – FP

Hierarchy Identifier	Joint Capability Area/DON Segment Reference Architecture (Marine Corps Essential Task/Navy Required Operational Capability)	NP 21 Pillar/ MA CHENG	Existing Principle Mission- Level Architecture	Existing Supporting Mission- Level Architectures
04.01.04.01	Conduct Detainee Operations	Sea Basing EMFTS	Sea Basing	EMFTS – Man
04.01.04.01.MCT6.1.1.10.2	Collect, Process, Guard, and Evacuate Enemy POWs and Civilian Detainees	EMFTS	Sea Basing	EMFTS – FP
04.01.04.02	Conduct Refugee Operations	Sea Basing EMFTS	Sea Basing	EMFTS – Log
04.01.04.02.MCT4.10.1.1	Facilitate Populace and Resource Control	EMFTS	Sea Basing	EMFTS – Log
04.01.04.03	Manage Indigenous Displaced Persons	Sea Basing	Sea Basing	
04.01.04.04	Manage Enemy Prisoners of War	Sea Basing	Sea Basing	
04.02	Joint Maritime / Littoral Ops	SS/S(SEA) Sea Shield Sea Basing		
04.02.MOB1	Operate Ship's Powerplant to Designed Capability	SS/S(SEA) Sea Shield Sea Basing		
04.02.MOB3	Prevent and Control Damage	SS/S(SEA) Sea Shield Sea Basing		
04.02.MOB5	Maneuver in Formation	SS/S(SEA) Sea Shield Sea Basing		
04.02.MOB7	Perform Seamanship, Airmanship, and Navigation Tasks	SS/S(SEA) Sea Shield Sea Basing		
04.02.MOB8	Operate from a Ship	SS/S(SEA) Sea Shield Sea Basing		
04.02.NCO26	Serve as a Platform for Sponsor Organizations Performing DOD Missions	SS/S(SEA) Sea Shield Sea Basing		
04.02.NSW7	Support Raiding Parties	Sea Basing		

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04.02.01	Surface Warfare	SS/S(Sea) Sea Shield	ASUW	
04.02.01.MOB9	Maintain Nuclear Propulsion Readiness	SS/S(SEA) Sea Shield	ASUW	
04.02.01.01	Offensive Surface Warfare	SS/S(SEA)	ASUW	
04.02.01.01.ASU1	Using Antisurface Armaments, Engage Surface Targets	SS/S(SEA)	ASUW	
04.02.01.01.ASU2	Engage Surface Targets in Cooperation with Other Forces	SS/S(SEA)	ASUW	
04.02.01.01.ASU3	Provide ASU Defense of a Geographical Area	SS/S(SEA)	ASUW	
04.02.01.01.ASU4	Detect, Identify, Localize, and Track Surface Ship Targets	SS/S(SEA)	ASUW	
04.02.01.01.ASU5	Conduct Acoustic Warfare Against Surface Contacts	SS/S(SEA)	ASUW	
04.02.01.01.ASU8	Provide War Operations to Support Surface Attacks	SS/S(SEA)	ASUW	
04.02.01.01.STW3	Support/Conduct Multiple Cruise Missile Strikes Either Independently or in Support of Other Strike Forces	SS/S(SEA)	ASUW	
04.02.01.02	Defensive Surface Warfare	Sea Shield		
04.02.01.02.ASU1	Using Antisurface Armaments, Engage Surface Targets	Sea Shield	ASUW	
04.02.01.02.ASU2	Engage Surface Targets in Cooperation with Other Forces	Sea Shield	ASUW	
04.02.01.02.ASU3	Provide ASU Defense of a Geographical Area	Sea Shield	ASUW	
04.02.01.02.ASU4	Detect, Identify, Localize, and Track Surface Ship Targets	Sea Shield	ASUW	
04.02.01.02.ASU5	Conduct Acoustic Warfare Against Surface Contacts	Sea Shield	ASUW	
04.02.01.02.ASU6	Disengage, Evade, and Avoid Surface Attack	Sea Shield	ASUW	
04.02.01.02.ASU10	Conduct Operations to Support Surface Attack	Sea Shield	ASUW	
04.02.01.02.ASU11	Support/Conduct Escorting and Independent ASU Operations	Sea Shield	ASUW	
04.02.01.02.ASU13	Conduct Pre-Attack Deception in Support of ASU	Sea Shield	ASUW	
04.02.01.02.NWS15	Conduct Anti-Swimmer Defense	Sea Shield	ASUW	
04.02.02	Undersea Warfare (USW)	Sea Shield	USW	
04.02.02.MOB9	Maintain Nuclear Propulsion Readiness	Sea Shield	USW	
04.02.02.01	Antisubmarine Warfare	Sea Shield	USW	
04.02.02.01.ASW1	Provide ASW Defense for Surface Forces, Groups, and Units	Sea Shield	USW	

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04.02.02.01.ASW2	Provide ASW Defense of a Geographic Area	Sea Shield	USW	
04.02.02.01.ASW3	Conduct Independent ASW Operations	Sea Shield	USW	
04.02.02.01.ASW4	Conduct Airborne Antisubmarine Operations	Sea Shield	USW	
04.02.02.01.ASW5	Provide Air Operations in Support of Airborne Antisubmarine Operations	Sea Shield	USW	
04.02.02.01.ASW6	Engage Submarines Independently or in Cooperation with Other Forces	Sea Shield	USW	
04.02.02.01.ASW7	Attack Submarines with Antisubmarine Armament	Sea Shield	USW	
04.02.02.01.ASW8	Disengage, Evade, Avoid and Deceive Submarines	Sea Shield	USW	
04.02.02.02	Subsurface Warfare	Sea Shield	USW	
04.02.02.03	Mine Warfare	Sea Shield	MIW	
04.02.02.03.MIW6	Conduct Magnetic Silencing (Degaussing, Deperming, etc.)	Sea Shield	MIW	
04.02.02.03.01	Mine Countermeasures (MCM)	Sea Shield	MIW	
04.02.02.03.01.MIW2	Conduct Influence Mine Sweeping Operations	Sea Shield	MIW	
04.02.02.03.01.MIW3	Conduct Mine Neutralization/Destruction	Sea Shield	MIW	
04.02.02.03.01.MIW4	Conduct Mine Countermeasures	Sea Shield	MIW	
04.02.02.03.01.MIW8	Conduct Precise Navigation	Sea Shield	MIW	
04.02.02.03.01.MIW12	Provide Command, Control, Intelligence, Support and Heavy Lift for Surface, Air, and EOD MCM Forces	Sea Shield	MIW	
04.02.02.03.01.MIW14	Provide Mine Warfare Operational Control for Assigned Submarine Units	Sea Shield	MIW	
04.02.02.03.02	Mining	Sea Shield	MIW	
04.02.02.03.02.MIW5	Support/Conduct Offensive/Defensive Service and Exercise Mine Laying Operations	Sea Shield	MIW	
04.02.02.03.02.MIW7	Assemble, Test, Maintain, and Issue [Sea] Mines	Sea Shield	MIW	
04.02.02.03.02.MIW8	Conduct Precise Navigation	Sea Shield	MIW	
04.02.03	Maritime Interdiction	Sea Shield EMFTS	STOM	EMFTS - Man
04.02.03.MCT1.3.2.8	Conduct Maritime Interdiction Operations (MIO)	EMFTS	STOM	EMFTS - Man
04.02.03.01	Sea Lines of Communication (SLOC) Disruption	Sea Shield	STOM	

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04.02.03.02	Maritime Interception Operations	Sea Shield	STOM	
04.02.03.02.MOS4	Perform Interdiction	Sea Shield	STOM	
04.02.04	Maritime/Littoral Expeditionary Operations	Sea Basing	STOM	
04.02.04.01	Amphibious Force Operations	Sea Basing EMFTS	STOM	EMFTS – Man
04.02.04.01.MCT1.3.2	Conduct Amphibious Operations	EMFTS	STOM	EMFTS – Man
04.02.04.01.MCT1.3.2.1	Conduct Amphibious Demonstration	EMFTS	STOM	EMFTS - Man
04.02.04.01.MCT1.3.2.2	Conduct Amphibious Raid	EMFTS	STOM	EMFTS – Man
04.02.04.01.MCT1.3.2.3	Conduct Amphibious Assault	EMFTS	STOM	EMFTS – Man
04.02.04.01.MCT1.3.2.7	Conduct Amphibious Withdrawal	EMFTS	STOM	EMFTS – Man
04.02.04.01.MCT1.7.1	Provide Amphibious Operations Training Area	EMFTS	STOM	EMFTS - Man
04.02.04.01.MCT5.3.2.10	Conduct Operations in Amphibious Command and Control Facilities	EMFTS	STOM	EMFTS – FP
04.02.04.01.AMW1	Load, Transport, and Land Combat Equipment, Material, Supplies and Attendant Personnel of a Force or Group in an Amphibious Assault	Sea Basing	STOM	

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04.02.04.01.AMW2	Load, Transport, and Land Elements of a Landing force with their Equipment, Material, Supplies, in an Amphibious Assault	Sea Basing	STOM	
04.02.04.01.AMW3	Reembark and Transport Equipment, Materials, Supplies, and Personnel	Sea Basing	STOM	
04.02.04.01.AMW5	Conduct Landing Craft or Amphibious Vehicle Operations to Support an Amphibious Assault	Sea Basing	STOM	
04.02.04.01.AMW6	Conduct Helicopter Operations to Support an Amphibious Assault	Sea Basing	STOM	
04.02.04.01.AMW7	Provide Amphibious Assault Construction Support for Ship-to-Shore Operations and Beach Clearance	Sea Basing	STOM	
04.02.04.01.AMW10	Conduct Beach Party Operations to Support an Amphibious Assault	Sea Basing	STOM	
04.02.04.01.AMW11	Conduct Amphibious Cargo Handling Operations	Sea Basing	STOM	
04.02.04.01.AMW13	Provide the Naval Element of the Shore Party	Sea Basing	STOM	
04.02.04.01.AMW18	Conduct Inshore Undersea Warfare Operations	Sea Basing	STOM	
04.02.04.01.AMW22	Protect/Evacuate Noncombatant, Permissive to Non-Permissive, including Transport to ATF or Safe Havens	Sea Basing	STOM	
04.02.04.01.AMW35	Conduct Limited-Objective Night Attacks	Sea Basing	STOM	
04.02.04.01.AMW40	Conduct Night Reinforcement Operations	Sea Basing	STOM	
04.02.04.01.AMW41	Conduct Maritime Pre-positioning Force Operations	Sea Basing	STOM	
04.02.04.01.NSW1	Conduct Hydrographic Reconnaissance	Sea Basing	STOM	
04.02.04.01.NSW2	Clear the Seaward Approaches to Amphibious Landing Beaches	Sea Basing	STOM	
04.02.04.02	Riverine Operations	Sea Basing EMFTS	Riverine Warfare	
04.02.04.02.MCT1.6.5.8	Conduct Riverine Operations	EMFTS	Riverine Warfare	EMFTS - Man
04.02.04.03	Advance Force Operations	Sea Basing		
04.02.04.03.AMW9	Conduct Pre-Assault Cover and Diversionary Actions	Sea Basing		
04.02.04.03.AMW23	Conduct Advanced-Force Operations	Sea Basing		
04.02.05	Maritime/Littoral Fires	SS/S(SEA)		

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04.02.05.01	Naval Fire Support	SS/S(SEA) SS/S(Air) EMFTS	Fires EMFTS – Fires	
04.02.05.01.MCT3.2.5.3	Control Naval Surface Fire Support (NSFS)	EMFTS	Fires	EMFTS – Fires
04.02.05.01.MCT5.3.4.3	Coordinate Naval Surface Fire Support (NSFS)	EMFTS	Fires	EMFTS – C2
04.02.05.01.AMW14	Conduct Close Air Support of an Amphibious Operation using Air-Launched Armaments	SS/S(Air)	Fires	
04.02.06	Ocean/Hydro/River Survey & Support Operations	Sea Shield EMFTS	EMFTS – Intel	
04.02.06.MCT2.1.2.8	Conduct Amphibious Reconnaissance and Surveillance	EMFTS	EMFTS – Intel	
04.02.06.NCO5	Conduct Meteorological, Hydrographic, and/or Oceanographic Collection Operations or Surveys	Sea Shield		
04.02.06.NCO18	Conduct Surface Aids to Navigation Operations	Sea Shield		
04.02.06.NCO44	Conduct Geophysical Collection Operations	Sea Shield		
04.03	Joint Space Operations	FORCEnet	Fn – C2	
04.03.NCO9	Support/Conduct Space Vehicle Recovery Operations	FORCEnet	Fn – C2	
04.03.01	Space Control	FORCEnet	Fn – C2	
04.03.01.CCC23	Maintain a Naval Space Operations Center	FORCEnet	Fn – C2	
04.03.02	Space Force Application	FORCEnet	Fn – C2	
04.04	Joint Air Operations	SS/S (Air) EMFTS	EMFTS – C2	
04.04.MCT5.3.2.7.1	Establish/Conduct Tactical Air Operations Center (TAOC) Operations	EMFTS	EMFTS – C2	
04.04.AAW4	Conduct Air Operational to Support Airborne Anti-Air Operations	SS/S (Air)		
04.04.AAW5	Conduct Airborne Anti-Air Operational	SS/S (Air)		
04.04.AAW8	Engage Air Targets Using Installed Air-to-Air Weapons Systems	SS/S (Air)		
04.04.AAW16	Provide Air Operations to Support Amphibious Operations	SS/S (Air)		

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04.04.AAW17	Conduct Vertical Takeoff and Landing Flight Operations to Support an Amphibious Assault	SS/S (Air)		
04.04.ASU7	Direct Coordinated Air Attack on Surface Targets	SS/S (Air)		
04.04.ASU9	Attack Surface Ships Using Air-Launched Armament	SS/S (Air)		
04.04.MIW9	Conduct Airborne Mine Countermeasures and Support MIW Operations	SS/S (Air)		
04.04.MOB2	Support/Provide Safe, Flyable, Aircraft for All-Weather Operations	SS/S (Air)		
04.04.MOB4	Transfly on Short Notice	SS/S (Air)		
04.04.MOB5	Maneuver in Formation	SS/S (Air)		
04.04.MOB7	Perform Seamanship, Airmanship and Navigation Tasks	SS/S (Air)		
04.04.MOB8	Operate From a Ship	SS/S (Air)		
04.04.NCO24	Support/Conduct Rotary Wing Aircraft Operations (non-combat)	SS/S (Air)		
04.04.NSW16	Conduct Airborne Operations in Support of Naval Special Warfare	SS/S (Air)		
04.04.STW4	Support/Conduct Air Strikes	SS/S (Air)		
04.04.STW6	Support/Conduct Airborne Operations in Support of Other Strike Forces	SS/S (Air)		
04.04.STW7	Conduct Airborne Operations in Support of Air Strike Operations	SS/S (Air)		
04.04.STW8	Provide for Air Operations in Support of Air Strike Operations	SS/S (Air)		
04.04.STW9	Conduct Attacks on Targets Using Air-Launched Armament	SS/S (Air)		
04.04.01	Offensive Counterair Operations	SS/S (Air) EMFTS	EMFTS – Fires	
04.04.01.MCT3.2.3.2.2	Conduct Offensive Counterair (OCA)	EMFTS	EMFTS – Fires	
04.04.01.01	Suppression of Enemy Air Defenses (SEAD)	SS/S (Air)		
04.04.01.02	Offensive Counterair Sweep	SS/S (Air)		
04.04.01.03	Escort	SS/S (Air)		
04.04.01.04	Offensive Counterair Attack Operations	SS/S (Air) EMFTS	EMFTS – Fires	
04.04.01.04.MCT3.2.3.2.2	Conduct Offensive Counterair (OCA)	EMFTS	EMFTS – Fires	
04.04.02	Strategic Attack	SS/S (Air)		
04.04.02.01	Conventional Kinetic	SS/S (Air)		

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04.04.03	Air Interdiction	SS/S (Air) EMFTS	EMFTS – Fires	
04.04.03.MCT3.2.3.1.2.1	Conduct Air Interdiction	EMFTS	EMFTS – Fires	
04.04.04	Tactical Air Support	SS/S (Air)	Fires	STOM
04.04.04.01	Close Air Support	SS/S (Air) EMFTS	Fires EMFTS – Fires	
04.04.04.01.MCT3.2.3.1.1	Conduct Close Air Support (CAS)	EMFTS	Fires EMFTS – Fires	
04.04.04.01.MCT3.2.5.2	Control Close Air Support (CAS)	EMFTS	Fires EMFTS – Fires	
04.04.04.01.MCT5.3.4.5	Coordinate Close Air Support	EMFTS	Fires EMFTS – C2	
04.04.04.02	Assault Support	SS/S (Air) EMFTS	STOM	EMFTS – Fires
04.04.04.02.MCT3.2.3.1.1	Conduct Close Air Support (CAS)	EMFTS	STOM	EMFTS – Fires
04.04.04.02.MCT3.2.5.2	Control Close Air Support (CAS)	EMFTS	STOM	EMFTS – Fires
04.04.04.02.MCT5.3.4.5	Coordinate Close Air Support	EMFTS	STOM	EMFTS – C2
04.05	Joint Information Operations	SS/S(Land) SS/S(Air) SS/S(SEA) FORCEnet Sea Shield EMFTS	EMFTS – C2	
04.05.MCT1.6.6	Conduct MOOTW	EMFTS	EMFTS – Man	
04.05.MCT5.4	Conduct Information Operations (IO)	EMFTS	EMFTS – C2	
04.05.MCT5.4.1	Conduct IO Battlespace Shaping	EMFTS	EMFTS – C2	
04.05.C2W5	Conduct Coordinated C2W/IW Operations with Other Forces in Support of a JTF or Group	SS/S(Land) SS/S(Air) SS/S(SEA)		

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04.05.01	Electronic Warfare	SS/S(Land) SS/S(Air) SS/S(SEA) EMFTS	EMFTS – C2	
04.05.01.MCT5.4.1.2	Conduct Electronic Warfare (EW)	EMFTS	EMFTS – C2	
04.05.01.01	Electronic Attack	SS/S(Land) SS/S(Air) SS/S(SEA) EMFTS	EMFTS – C2	
04.05.01.01.MCT5.4.1.2.1	Conduct Electronic Attack (EA)	EMFTS	EMFTS – C2	
04.05.01.01.C2W2	Conduct Electronic Attack Operations	SS/S(Land) SS/S(Air) SS/S(SEA)		
04.05.01.02	Electronic Protection	SS/S(Land) SS/S(Air) SS/S(SEA) EMFTS	EMFTS – C2	
04.05.01.02.MCT5.4.1.2.2	Conduct Electronic Protection (EP)	EMFTS	EMFTS – C2	
04.05.01.02.C2W3	Conduct Electronic Protection Operations	SS/S(Land) SS/S(Air) SS/S(SEA)		
04.05.01.02.C2W19	Plan and Conduct IW-Protection Operations to Defend Friendly Information, Information-Based Processes, Information Systems and Computer-Based Networks	SS/S(Land) SS/S(Air) SS/S(SEA)		
04.05.01.03	Electronic Warfare Support	SS/S(Land) SS/S(Air) SS/S(SEA) EMFTS	EMFTS – C2	
04.05.01.03.MCT5.4.1.2.3	Conduct Electronic Support (ES)	EMFTS	EMFTS – C2	
04.05.01.03.C2W1	Conduct Electronic Warfare Support Operations	SS/S(Land) SS/S(Air) SS/S(SEA)		

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04.05.02	Computer Network Operations	SS/S(Land) SS/S(Air) SS/S(SEA) FORCEnet EMFTS	EMFTS – C2	
04.05.02.MCT5.4.2.1	Conduct Computer Network Operations (CNO)	EMFTS	EMFTS – C2	
04.05.02.01	Computer Network Attack	SS/S(Land) SS/S(Air) SS/S(SEA)		
04.05.02.02	Computer Network Defense	FORCEnet	Fn – C&N	
04.05.02.03	Computer Network Exploitation	SS/S(Land) SS/S(Air) SS/S(SEA)		
04.05.03	Operations Security (OPSEC)	Sea Shield EMFTS	EMFTS – C2	
04.05.03.MCT5.4.2	Conduct Operations Security (OPSEC)	EMFTS	EMFTS – C2	
04.05.03.C2W4	Plan and Implement Operations Security Measures	Sea Shield		
04.05.03.C2W6	Plan and Conduct Countersurveillance, Countertargeting and Military Deception Operations	Sea Shield		
04.05.03.AMW36	Conduct Counterintelligence Operations	Sea Shield		
04.05.03.AMW37	Conduct Counterintelligence Operations with Local/Allied Agencies	Sea Shield		
04.05.04	Military Deception (MILDEC)	SS/S(Land) EMFTS	EMFTS – C2	
04.05.04.MCT5.4.1.1	Conduct Deception Operations	EMFTS	EMFTS – C2	
04.05.04.C2W6	Plan and Conduct Countersurveillance, Countertargeting, and Military Deception Operations	SS/S(Land) SS/S(Air) SS/S(Sea)		
04.05.05	Psychological Operations (PSYOP)	SS/S(Land) EMFTS		
04.05.05.MCT5.4.1.3	Conduct Psychological Operations (PSYOPS)	EMFTS	EMFTS – C2	

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04.06	Joint Global Deterrence	SS/S (Deterrence) EMFTS	EMFTS – C2	
04.06.01	Global Strike (Kinetic)	SS/S (Deterrence) EMFTS	EMFTS – C2	
04.06.MCT5.1.2.1	Utilize the Global Command and Control System (GCCS) and the Defense Information System Network (DISN)	EMFTS	EMFTS – C2	
04.06.01.01	Nuclear, Kinetic	SS/S (Deterrence)		
04.06.01.01.STW1	Maintain Readiness to Deliver Ballistic Missiles on Assigned Targets	SS/S (Deterrence)		
04.06.01.01.STW2	Conduct Operational Tests of Ballistic Missile Weapons	SS/S (Deterrence)		
04.06.01.02	Non-Kinetic	SS/S (Deterrence)		
04.06.02	Responsive Infrastructure	SS/S (Deterrence)		
04.06.02.01	Inducements	SS/S (Deterrence)		
04.07	Joint Stability Operations: Military Support For SSTR	SS/S(Land) EMFTS	EMFTS – Man	
04.07.MCT1.6.6.9	Conduct Security, Stability, Transition and Reconstruction Operations (SSTRO)	EMFTS	EMFTS – Man	
04.07.01	Security	SS/S(Land) EMFTS	EMFTS – FP	
04.07.01.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
04.07.01.MCT6.1	Provide Security	EMFTS	EMFTS – FP	
04.07.01.MCT6.1.1	Conduct Active Security	EMFTS	EMFTS – FP	
04.07.01.MCT6.1.1.9.2.1	Establish, Organize, and Train Provisional Security Forces	EMFTS	EMFTS – FP	
04.07.01.MCT6.1.2	Conduct Passive Security	EMFTS	EMFTS – FP	

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04.07.01.01	Peace Operations	SS/S(Land) EMFTS	EMFTS – Man	
04.07.01.01.MCT1.6.6.8	Conduct Peace Operations	EMFTS	EMFTS – Man	
04.07.01.01.MCT1.6.6.9	Conduct Security, Stability, Transition and Reconstruction Operations (SSTRO)	EMFTS	EMFTS – Man	
04.07.01.01.MCT4.10	Conduct Civil-Military Operations (CMO)	EMFTS	EMFTS – Log	
04.07.01.01.MCT5.5	Conduct Joint and Combined Operations	EMFTS	EMFTS – C2	
04.07.01.01.MCT6.1.1.2.1	Coordinate/Establish Host Nation Support (HNS)	EMFTS	EMFTS – FP	
04.07.01.01.MCT6.1.1.3	Conduct Base Defense	EMFTS	EMFTS – FP	
04.07.01.01.AMW29	Conduct Security Operations to Protect U.S. Property and Noncombatants in Hostile and Nonhostile Environments	SS/S(Land) SS/S(Air) SS/S(Sea)		
04.07.01.01.MOS3	Perform Peacekeeping	SS/S(Land) SS/S(Air) SS/S(Sea)		
04.07.01.01.NCO11	Support/Provide for the Evacuation of Noncombatant Personnel in Areas of Civil or International Crisis	SS/S(Land) SS/S(Air) SS/S(Sea)		
04.07.01.02	Basic Services Restoration	SS/S(Land) EMFTS	EMFTS – Log	
04.07.01.02.MCT4.4	Conduct General Engineering Operations	EMFTS	EMFTS – Log	
04.07.01.02.MCT4.4.2	Conduct Horizontal/Vertical Construction	EMFTS	EMFTS – Log	
04.07.01.02.MCT4.4.7	Conduct Tactical Water and/or Hygiene Service	EMFTS	EMFTS – Log	
04.07.01.02.MCT4.5	Provide Health Services	EMFTS	EMFTS – Log	
04.07.01.02.MCT4.5.2	Perform Casualty Collection	EMFTS	EMFTS – Log	
04.07.01.02.MCT4.5.5	Conduct Casualty Evacuation	EMFTS	EMFTS – Log	

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04.07.01.02.MCT4.6	Provide Services (Nonmateriel and Support Activities)	EMFTS	EMFTS – Log	
04.07.01.02.MCT6.3.3	Restore Mission Essential Operations and Communications	EMFTS	EMFTS – FP	
04.07.02	Humanitarian Assistance	EMFTS	EMFTS – Log	
04.07.02.MCT1.6.6.7	Conduct Humanitarian Assistance (HA)	EMFTS	EMFTS – Man	
04.07.02.MCT2.1.3.5	Conduct Open-Source Intelligence Activities	EMFTS	EMFTS – Intel	
04.07.02.MCT2.2.8	Collect Medical Intelligence Data	EMFTS	EMFTS – Intel	
04.07.02.MCT4.1.2.4	Conduct Distribution Operations	EMFTS	EMFTS – Log	
04.07.02.MCT4.10	Conduct Civil-Military Operations (CMO)	EMFTS	EMFTS – Log	
04.07.02.MCT4.10.1.1	Facilitate Populace and Resource Control	EMFTS	EMFTS – Log	
04.07.02.MCT4.4	Conduct General Engineering Operations	EMFTS	EMFTS – Log	
04.07.02.MCT4.5	Provide Health Services	EMFTS	EMFTS – Log	
04.07.02.MCT5.4.2.4	Conduct Public Affairs Operations	EMFTS	EMFTS – C2	
04.07.02.MCT5.5	Conduct Joint and Combined Operations	EMFTS	EMFTS – C2	
04.07.02.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
04.07.02.MCT6.1.1.2.1	Coordinate/Establish Host Nation Support (HNS)	EMFTS	EMFTS – FP	
04.07.02.MCT6.1.1.3	Conduct Base Defense	EMFTS	EMFTS – FP	
04.07.02.MOS2	Provide Humanitarian Assistance	SS/S(Land) SS/S(Air) SS/S(Sea)		
04.07.02.NCO11	Support/Provide for the Evacuation of Noncombatant Personnel in Areas of Civil or International Crisis	SS/S(Land) SS/S(Air) SS/S(Sea)		
04.07.03	Reconstruction	SS/S(Land)		
04.08	Joint Force Projection	Sea Basing	Sea Basing	
04.08.01	Contingency Basing	Sea Basing	Sea Basing	
04.08.02	Sea Basing	Sea Basing	Sea Basing	
04.08.02.NCO26	Serve as a Platform for Sponsor Organizations Performing DOD Missions	Sea Basing	Sea Basing	
04.08.03	Joint Deployment/Rapid Distribution	Sea Basing	Sea Basing	

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04.08.03.01	Intertheater Airlift	Sea Basing	Sea Basing	
04.08.03.02	Strategic Sealift	Sea Basing	Sea Basing	
04.08.03.03	Intratheater Airlift	Sea Basing	Sea Basing	
04.08.03.04	Intratheater Sealift	Sea Basing	Sea Basing	
04.08.03.05	Land Lift	Sea Basing	Sea Basing	
04.08.04	Pre-Position Contingency Stocks	Sea Basing	Sea Basing	
04.09	Joint Access and Access Denial	Sea Basing Sea Shield EMFTS	Sea Basing EMFTS - Man	
04.09.MCT1.4	Maintain Mobility	EMFTS	EMFTS - Man	
04.09.MCT1.5	Conduct Counter-Mobility Operations	EMFTS	EMFTS - Man	
04.09.MCT1.6	Dominate the Area of Operations	EMFTS	EMFTS - Man	
04.09.MCT1.6.4	Conduct Defensive Operations	EMFTS	EMFTS - Man	
04.09.MCT3.2.5	Control Supporting Arms	EMFTS	EMFTS - Fires	
04.09.MCT5.3.3	Control the Battlespace	EMFTS	EMFTS - C2	
04.09.MCT5.3.5	Control Aircraft and Missiles	EMFTS	EMFTS - C2	
04.09.MCT5.4.1	Conduct IO Battlespace Shaping	EMFTS	EMFTS - C2	
04.09.MCT6.1	Provide Security	EMFTS	EMFTS - FP	
04.09.01	Forcible Entry	Sea Basing EMFTS	STOM	EMFTS - Man
04.09.01.MCT1.3.2.4	Seize and Hold Beachhead/Lodgment Area	EMFTS	STOM	EMFTS - Man
04.09.01.MCT1.6.1	Conduct Offensive Operations	EMFTS	STOM	EMFTS - Man
04.09.01.MCT1.6.1.3.2	Conduct Exploitation	EMFTS	STOM	EMFTS - Man
04.09.02	LOC Protection	SS/S(Sea)		
04.09.03	Contingency Basing	Sea Basing EMFTS	Sea Basing EMFTS - Log	
04.09.03.MCT4.4.2.1	Construct/Maintain Expeditionary Airfields and Landing Zones (LZs)	EMFTS	EMFTS - Log	
04.09.03.MCT5.3.3.3	Establish Forward Operating Locations (FOB, FOS, FARP)	EMFTS	EMFTS - C2	
04.09.03.CON1	Perform Tactical Construction	Sea Basing	Sea Basing	

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04.09.03.CON2	Perform Base Construction	Sea Basing	Sea Basing	
04.09.03.CON3	Perform Construction Engineering	Sea Basing	Sea Basing	
04.09.04	Sea Basing	Sea Basing EMFTS	Sea Basing EMFTS – C2	
04.09.04.MCT5.2.2	Conduct Deliberate Planning (Marine Corps Planning Process) (MCP)	EMFTS	EMFTS – C2	
04.09.04.MCT5.2.3	Perform Resource Management	EMFTS	EMFTS – C2	
04.09.04.MCT5.5.2	Participate in the Development of Joint/Service Doctrine and TTPs	EMFTS	EMFTS – C2	
04.09.04.FSO1	Repair and Overhaul Ships, Aircraft, and Associated Equipment	Sea Basing	Sea Basing	
04.09.04.NCO26	Serve as a Platform for Sponsor Organizations Performing DOD Missions	Sea Basing	Sea Basing	
04.09.05	Freedom of Navigation	SS/S(Sea) SS/S(Air)		
04.09.06	Counter Operational Mobility	Sea Shield		
04.10	Joint Special Ops and Irregular Warfare	SS/S (SPECWAR) EMFTS	EMFTS – Man	
04.10.MCT1.6.6	Conduct MOOTW	EMFTS	EMFTS – Man	
04.10.MCT2.1.1	Conduct Intelligence Functions	EMFTS	EMFTS – Intel	
04.10.MCT2.2	Collect Data and Intelligence	EMFTS	EMFTS – Intel	
04.10.MCT2.3	Process and Exploit Collected Information/Intelligence	EMFTS	EMFTS – Intel	
04.10.MCT2.4	Produce Intelligence	EMFTS	EMFTS – Intel	
04.10.MCT2.5	Disseminate and Integrate Intelligence	EMFTS	EMFTS – Intel	
04.10.MCT3.1	Conduct Targeting (Using D3A in Concert with the Joint Targeting Cycle)	EMFTS	EMFTS – Fires	

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04.10.MCT3.2.1	Conduct Fire Support Tasks	EMFTS	EMFTS – Fires	
04.10.MCT4.1	Conduct Supply Operations	EMFTS	EMFTS – Log	
04.10.MCT4.3	Conduct Transportation Operations	EMFTS	EMFTS – Log	
04.10.MCT4.5	Provide Health Services	EMFTS	EMFTS – Log	
04.10.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
04.10.01	Special Operations	SS/S (SPECWAR) EMFTS	EMFTS – Man	
04.10.01.01	Special Reconnaissance	SS/S (SPECWAR)		
04.10.01.02	Direct Action	SS/S (SPECWAR) EMFTS	EMFTS – Man	
04.10.01.02.MCT1.3.2.2	Conduct Amphibious Raid	EMFTS	EMFTS – Man	
04.10.01.02.MCT1.6.3	Conduct Tactical Tasks	EMFTS	EMFTS – Man	
04.10.01.02.MCT1.6.5.10	Conduct Direct Action (DA) Operations	EMFTS	EMFTS – Man	
04.10.01.02.MCT2.1.2	Conduct Intelligence Support	EMFTS	EMFTS – Intel	
04.10.01.02.MCT2.3	Process and Exploit Collected Information/Intelligence	EMFTS	EMFTS – Intel	
04.10.01.02.MCT2.5	Disseminate and Integrate Intelligence	EMFTS	EMFTS – Intel	
04.10.01.02.MCT3.1	Conduct Targeting (Using D3A in Concert with the Joint Targeting Cycle)	EMFTS	EMFTS – Fires	
04.10.01.02.MCT3.2.1	Conduct Fire Support Tasks	EMFTS	EMFTS – Fires	
04.10.01.02.MCT4.1	Conduct Supply Operations	EMFTS	EMFTS – Log	
04.10.01.02.MCT5.1.1	Provide and Maintain Communications	EMFTS	EMFTS – C2	
04.10.01.02.MCT5.2.1	Conduct Rapid Response Planning Process (R2P2)	EMFTS	EMFTS – C2	

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04.10.01.02.MCT6.1.1	Conduct Active Security	EMFTS	EMFTS – FP	
04.10.01.02.AMW24	Conduct Direct Action Amphibious Raids	SS/S (SPECWAR)		
04.10.01.02.NSW3	Conduct Direct Action Operations in Maritime and Riverine Areas	SS/S (SPECWAR)		
04.10.01.02.NSW4	Conduct Combatant Craft Operations	SS/S (SPECWAR)		
04.10.01.03	Counterterrorism	SS/S (SPECWAR) EMFTS	EMFTS – Man	
04.10.01.03.MCT1.6.6.3	Conduct Counter-Terrorist (CT) Operations	EMFTS	EMFTS – Man	
04.10.01.04	Unconventional Warfare	SS/S (SPECWAR) EMFTS	EMFTS – Intel	
04.10.01.04.MCT1.6.6	Conduct MOOTW	EMFTS	EMFTS – Man	
04.10.01.04.MCT2.1.1	Conduct Intelligence Functions	EMFTS	EMFTS – Intel	
04.10.01.04.MCT2.2	Collect Data and Intelligence	EMFTS	EMFTS – Intel	
04.10.01.04.MCT2.3	Process and Exploit Collected Information/Intelligence	EMFTS	EMFTS – Intel	
04.10.01.04.MCT2.4	Produce Intelligence	EMFTS	EMFTS – Intel	
04.10.01.04.MCT2.5	Disseminate and Integrate Intelligence	EMFTS	EMFTS – Intel	
04.10.01.04.MCT3.1	Conduct Targeting (Using D3A in Concert with the Joint Targeting Cycle)	EMFTS	EMFTS – Fires	
04.10.01.04.MCT3.2.1	Conduct Fire Support Tasks	EMFTS	EMFTS – Fires	
04.10.01.04.MCT4.1	Conduct Supply Operations	EMFTS	EMFTS – Log	
04.10.01.04.MCT4.3	Conduct Transportation Operations	EMFTS	EMFTS – Log	
04.10.01.04.MCT4.4	Conduct General Engineering Operations	EMFTS	EMFTS – Log	
04.10.01.04.MCT4.5	Provide Health Services	EMFTS	EMFTS – Log	
04.10.01.04.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
04.10.01.04.AMW28	Conduct Initial Terminal Guidance Missions	SS/S (SPECWAR)		

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04.10.01.04.AMW33	Conduct Special Demolition Operations	SS/S (SPECWAR)		
04.10.01.04.MOB15	Conduct Parachute Operations	SS/S (SPECWAR)		
04.10.01.04.MOB16	Conduct Tactical Delivery and Extraction of Personnel and Equipment by Unconventional Insertion Methods	SS/S (SPECWAR)		
04.10.01.04.NSW5	Conduct Unconventional Warfare Operations	SS/S (SPECWAR)		
04.10.01.04.NSW8	Conduct Clandestine Infiltration and Exfiltration of Personnel and Equipment	SS/S (SPECWAR)		
04.10.01.04.NSW9	Conduct Swimmer Delivery Vehicle Operations	SS/S (SPECWAR)		
04.10.01.05	Civil-Military Operations	SS/S (SPECWAR) EMFTS	EMFTS – Log	
04.10.01.05.MCT4.4	Conduct General Engineering Operations	EMFTS	EMFTS – Log	
04.10.01.05.MCT4.10	Conduct Civil-Military Operations (CMO)	EMFTS	EMFTS – Log	
04.10.01.05.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
04.10.01.05.MOS9	Provide Counterdrug Assistance IAW 10 USC 371-380	SS/S (SPECWAR)		
04.10.02	Irregular Warfare	SS/S (SPECWAR)		
04.10.02.01	Counterinsurgency	SS/S (SPECWAR)		
04.10.02.01.MOS6	Conduct Counterterrorism	SS/S (SPECWAR)		
04.10.02.01.MOS8	Provide Antiterrorism Assistance	SS/S (SPECWAR)		
04.10.02.02	Foreign Internal Defense	SS/S (SPECWAR) EMFTS	EMFTS – Man	

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04.10.02.02.MCT1.6.6.2					Conduct AT Enabling/Support Operations	EMFTS	EMFTS – Man	
04.10.02.02.MCT1.6.6.9					Conduct Security, Stability, Transition and Reconstruction Operations (SSTRO)	EMFTS	EMFTS – Man	
04.10.02.02.MCT4.7.2.2					Provide Foreign Military Training	EMFTS	EMFTS – Log	
04.10.02.02.MCT5.5.1					Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
04.10.02.02.MCT5.5.4					Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
04.10.02.02.MOS3					Perform peacekeeping	SS/S (SPECWAR)		
04.10.02.02.MOS5					Perform Internal Defense Assistance	SS/S (SPECWAR)		
04.10.02.02.MOS7					Provide Security Assistance	SS/S (SPECWAR)		
05					Force Protection	SS/S(Sea) SS/S(Land) SS/S(Air) Sea Shield EMFTS	EMFTS – FP	
05.01					Joint Protection	SS/S(Sea) SS/S(Land) SS/S(Air) Sea Shield EMFTS	EMFTS – FP	
05.01.MCT2.1.1					Conduct Intelligence Functions	EMFTS	EMFTS – Intel	
05.01.MCT2.1.1.4					Support Force Protection	EMFTS	EMFTS – Intel	
05.01.MCT5.4.2					Conduct Operations Security (OPSEC)	EMFTS	EMFTS – C2	
05.01.MCT5.5.1					Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
05.01.MCT6.1					Provide Security	EMFTS	EMFTS – FP	
05.01.MCT6.1.1					Conduct Active Security	EMFTS	EMFTS – FP	
05.01.MCT6.1.2					Conduct Passive Security	EMFTS	EMFTS – FP	
05.01.MCT6.2					Rescue and Recover	EMFTS	EMFTS – FP	

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05.01.MCT6.3	Perform Consequence Management	EMFTS	EMFTS – FP	
05.01.MCT6.3.3	Restore Mission Essential Operations and Communications	EMFTS	EMFTS – FP	
05.01.MCT6.4	Operate in a CBRNE Environment	EMFTS	EMFTS – FP	
05.01.MCT6.4.1	Conduct Chemical, Biological, Radiological, Nuclear, and High-Yield Explosive (CBRNE) Operations	EMFTS	EMFTS – FP	
05.01.MCT6.4.2	Conduct CBRNE Initial Incident Response Operations	EMFTS	EMFTS – FP	
05.01.MCT6.4.3	Conduct Chemical, Biological, Radiological, and Toxic Industrial Chemical Agent Detection, Identification, Monitoring, and Sampling	EMFTS	EMFTS – FP	
05.01.MCT6.4.4	Conduct CBRNE Reconnaissance and Decontamination Operations	EMFTS	EMFTS – FP	
05.01.MCT6.4.5	Conduct Enhanced NBC Operations	EMFTS	EMFTS – FP	
05.01.MCT6.4.6	Provide NBC Defense	EMFTS	EMFTS – FP	
05.01.NCO17	Conduct Port Security/Harbor Defense Operations	Sea Shield		
05.01.NWS12	Conduct Limited Local Security Defensive Combat Operations	Sea Shield		
05.01.01	Protect Against Conventional Weapons	Sea Shield		
05.01.01.01	Joint Improvised Explosive Device (IED) Defeat	Sea Shield		
05.01.01.02	Integrated Air and Missile Defense	Sea Shield EMFTS	TAMD EMFTS – FP	
05.01.01.02.MCT5.3.5	Control Aircraft and Missiles	EMFTS	TAMD	EMFTS – C2
05.01.01.02.MCT5.3.5.7	Coordinate/Employ Air Defense Control Measures	EMFTS	TAMD	EMFTS – C2
05.01.01.02.MCT6.1.1.3.3	Disseminate Air, Ground, Missile Attack Warnings	EMFTS	TAMD	EMFTS – FP
05.01.01.02.MCT6.1.1.8	Conduct Active Air Defense	EMFTS	TAMD	EMFTS – FP
05.01.01.02.MCT6.1.2.3	Conduct Passive Air Defense	EMFTS	TAMD	EMFTS – FP
05.01.01.02.01	Defensive Counterair Operations	Sea Shield		
05.01.01.02.01.AAW1	Provide Air Defense Independently or in Cooperation with Other Forces	Sea Shield	TAMD	
05.01.01.02.01.AAW2	Provide Air Defense of a Geographic Area (Zone) Independently or in Cooperation with Other Forces	Sea Shield	TAMD	
05.01.01.02.01.AAW9	Engage Airborne Threats Using Surface-to-Air Armament	Sea Shield	TAMD	

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05.01.01.02.02	Theater Ballistic Missile Defense	Sea Shield EMFTS	TAMD EMFTS – FP	
05.01.01.02.02.MCT5.3.5	Control Aircraft and Missiles	EMFTS	TAMD	EMFTS – C2
05.01.01.02.02.MCT6.1.1.3 .3	Disseminate Air, Ground, Missile Attack Warnings	EMFTS	TAMD	EMFTS – FP
05.01.01.03	Global Defense	Sea Shield		
05.01.02	Personnel Recovery	SS/S(Sea) SS/S(Land) SS/S(Air) EMFTS	EMFTS – FP	
05.01.02.MCT4.2.2.8	Conduct Recovery and Evacuation Operations	EMFTS	EMFTS – Log	
05.01.02.MCT6.2.1	Conduct Tactical Recovery of Aircraft and Personnel (TRAP)	EMFTS	EMFTS – FP	
05.01.02.MCT6.2.3	Conduct Personnel Recovery (PR) Operations	EMFTS	EMFTS – FP	
05.01.02.MCT6.2.3.1.1	Provide Personnel Recovery (PR) Training and Education	EMFTS	EMFTS – FP	
05.01.02.MCT6.2.3.1.2	Plan and Coordinate Personnel Recovery (PR) Operations	EMFTS	EMFTS – FP	
05.01.02.MCT6.2.3.2	Execute Personnel Recovery (PR) Operations	EMFTS	EMFTS – FP	
05.01.02.MCT6.2.3.2.1	Conduct Immediate Personnel Recovery (PR)	EMFTS	EMFTS – FP	
05.01.02.MCT6.2.3.2.2	Conduct Deliberate Personnel Recovery (PR)	EMFTS	EMFTS – FP	
05.01.02.MCT6.2.3.2.3	Conduct External Supported Personnel Recovery (PR)	EMFTS	EMFTS – FP	
05.01.02.MCT6.2.3.2.4	Conduct Unassisted Personnel Recovery (PR)	EMFTS	EMFTS – FP	
05.01.02.AMW26	Conduct Tactical Recovery of Personnel	SS/S(Sea) SS/S(Land) SS/S(Air)		
05.01.02.AMW27	Conduct In-Extremis Hostage Recovery	SS/S (SPECWAR)		
05.01.03	Protect Against WMD Threat	Sea Shield		
05.01.03.01	WMD Consequence Management	Sea Shield		
05.01.03.02	Non-Proliferation	Sea Shield		
05.01.03.02.01	Threat Reduction and Cooperation	Sea Shield		
05.01.03.03	Counterproliferation	Sea Shield EMFTS	EMFTS – Intel	

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05.01.03.03.MCT2.3.3	Conduct Counter-Proliferation Support Operations	EMFTS	EMFTS – Intel	
05.01.03.03.01	Elimination Operations	Sea Shield		
05.01.03.03.02	Interdiction Operations	Sea Shield		
05.01.03.03.03	Active Defense	Sea Shield		
05.01.03.03.04	Passive Defense	Sea Shield		
05.01.04	Protect Against Terrorist Threat	Sea Shield EMFTS	EMFTS – Man	
05.01.04.MCT1.6.6.3	Conduct Counter-Terrorist (CT) Operations	EMFTS	EMFTS – Man	
05.01.04.01	Physical Security	Sea Shield		
05.01.04.01.NWS12	Conduct Limited Local Security Defensive Combat Operations	Sea Shield		
05.01.05	Protection From Exploitation	Sea Shield		
05.02	Joint Homeland Defense	Sea Shield		
05.02.01	Air & Space Defense	Sea Shield		
05.02.02	Land Defense	Sea Shield		
05.02.03	Maritime Defense	Sea Shield		
05.02.03.NCO17	Conduct Port Security/Harbor Defense Operations	Sea Shield		
05.02.03.NWS15	Conduct Anti-Swimmer Defense	Sea Shield		
05.02.04	Critical Infrastructure Protection (CIP)	Sea Shield		
05.03	Defense Support of Civil Authorities	SS/S(Sea) SS/S(Land) SS/S(Air)		
05.03.01	Military Assistance of Civil Disturbances (MACDIS)	SS/S(Sea) SS/S(Land) SS/S(Air)		
05.03.02	Military Assistance to Civil Authorities	SS/S(Sea) SS/S(Land) SS/S(Air)		
05.03.02.MOS9	Provide Counterdrug Assistance IAW 10 USC 371-380	SS/S(Sea) SS/S(Land) SS/S(Air)		

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05.03.02.NCO32	Conduct Counternarcotic and Other Law enforcement Support Operations in Conjunction with Other Forces	SS/S(Sea) SS/S(Land) SS/S(Air)		
05.03.02.NCO33	Support/Provide Counternarcotics and Other Law Enforcement Support Patrol of a Fixed Geographic Area	SS/S(Sea) SS/S(Land) SS/S(Air)		
05.03.02.NCO34	In Support of Counternarcotics and Other Law Enforcement Operations, Detect and Monitor Suspect Surface Contacts	SS/S(Sea) SS/S(Land) SS/S(Air)		
05.03.02.NCO35	In Support of Counternarcotics and Other Law Enforcement Operations, Conduct Airborne Counternarcotics and Other Law Enforcement Support Surveillance Operations	SS/S(Sea) SS/S(Land) SS/S(Air)		
05.03.02.NCO36	In Support of Counternarcotics and Other Law Enforcement Operations, Detect and Monitor Suspect Air Contacts	SS/S(Sea) SS/S(Land) SS/S(Air)		
05.03.02.NCO37	Embark and Support Law Enforcement Detachments	SS/S(Sea)		
05.03.02.NCO38	Receive, Display, and Maintain Counternarcotic Intelligence Data	SS/S(Sea) SS/S(Land) SS/S(Air)		
05.03.03	Military Support to Civilian Law Enforcement Agencies (MSCLEA)	SS/S(Land) EMFTS	EMFTS – FP	
05.03.03.MCT6.1.1.10.1	Conduct Law Enforcement, Criminal Investigation, and U.S. Prisoner Confinement	EMFTS	EMFTS – FP	
05.03.03.MCT6.3.1.1.2	Maintain Law and Order	EMFTS	EMFTS – FP	
05.03.03.NCO19	Conduct Maritime Law Enforcement Operations	SS/S(Sea)		
05.03.04	Emergency Preparedness (EP)	SS/S(Sea) SS/S(Land) SS/S(Air) EMFTS	EMFTS – FP	
05.03.04.MCT6.3.1.1	Provide Emergency Response	EMFTS	EMFTS – FP	

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05.03.04.NCO10	Provide Emergency /Disaster Assistance	SS/S(Sea) SS/S(Land) SS/S(Air)		
06	Focused Logistics	Sea Basing EMFTS	Sea Basing EMFTS – Log	
06.01	Joint Logistics	Sea Basing EMFTS	Sea Basing EMFTS – Log	
06.01.MCT1.1.1.3	Provide Sustainment Forces	EMFTS	EMFTS – Man	
06.01.MCT1.2	Move Forces	EMFTS	EMFTS – Man	
06.01.MCT2.1.2.1	Conduct Intelligence Preparation of the Battlespace Products	EMFTS	EMFTS – Intel	
06.01.MCT4.1	Conduct Supply Operations	EMFTS	EMFTS – Log	
06.01.MCT4.2	Conduct Maintenance Operations	EMFTS	EMFTS – Log	
06.01.MCT4.3	Conduct Transportation Operations	EMFTS	EMFTS – Log	
06.01.MCT4.4	Conduct General Engineering Operations	EMFTS	EMFTS – Log	
06.01.MCT4.5	Provide Health Services	EMFTS	EMFTS – Log	
06.01.MCT4.6	Provide Services (Nonmateriel and Support Activities)	EMFTS	EMFTS – Log	
06.01.MCT4.7	Train Forces and Personnel	EMFTS	EMFTS – Log	
06.01.MCT5.2	Prepare Plans and Orders	EMFTS	EMFTS – C2	
06.01.MCT5.2.2	Conduct Deliberate Planning (Marine Corps Planning Process) (MCP)	EMFTS	EMFTS – C2	
06.01.MCT5.2.3	Perform Resource Management	EMFTS	EMFTS – C2	
06.01.MCT5.3.1.6	Synchronize Tactical Operations with Warfighting Functions	EMFTS	EMFTS – C2	
06.01.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
06.01.MCT5.5.3	Conduct Joint Mission Planning Utilizing JOPEs (Campaign/ Deliberate/ Crisis Action Planning)	EMFTS	EMFTS – C2	
06.01.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
06.01.01	Joint Deployment/Rapid Distribution	Sea Basing EMFTS	Sea Basing EMFTS – Log	
06.01.01.MCT1.1	Provide Forces	EMFTS	EMFTS – Man	
06.01.01.MCT1.1.2	Provide Task-Organized Forces	EMFTS	EMFTS – Man	

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06.01.01.MCT1.1.2.1					Provide Alert Forces	EMFTS	EMFTS – Man	
06.01.01.MCT1.1.2.2					Provide Command Element	EMFTS	EMFTS – Man	
06.01.01.MCT1.1.2.3					Provide Headquarters Personnel and Infrastructure	EMFTS	EMFTS – Man	
06.01.01.MCT1.2					Move Forces	EMFTS	EMFTS – Man	
06.01.01.MCT1.2.4					Deploy Tactical Forces	EMFTS	EMFTS – Man	
06.01.01.MCT1.3.2					Conduct Amphibious Operations	EMFTS	EMFTS – Man	
06.01.01.MCT1.3.3					Conduct Aviation Operations	EMFTS	EMFTS – Man	
06.01.01.MCT4.1.2.3.1					Provide Munitions Supply and Storage	EMFTS	EMFTS – Log	
06.01.01.MCT4.1.2.3.2					Provide Supply, Storage and Distribution (Non-Munitions/POL)	EMFTS	EMFTS – Log	
06.01.01.MCT4.1.2.4					Conduct Distribution Operations	EMFTS	EMFTS – Log	
06.01.01.MCT4.1.3					Petroleum, Oil and Lubricant (POL) Supply, Storage and Distribution	EMFTS	EMFTS – Log	
06.01.01.MCT4.3					Conduct Transportation Operations	EMFTS	EMFTS – Log	
06.01.01.MCT5.1					Acquire, Process, Communicate Information, and Maintain Status	EMFTS	EMFTS – C2	
06.01.01.MCT5.3.2					Establish Means to Command and Control	EMFTS	EMFTS – C2	
06.01.01.MCT5.3.4					Conduct Fire Support Coordination	EMFTS	EMFTS – C2	
06.01.01.MCT5.3.5					Control Aircraft and Missiles	EMFTS	EMFTS – C2	
06.01.01.MCT5.4					Conduct Information Operations (IO)	EMFTS	EMFTS – C2	
06.01.01.MCT5.5					Conduct Joint and Combined Operations	EMFTS	EMFTS – C2	
06.01.01.MCT5.5.1					Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
06.01.01.MCT5.5.3					Conduct Joint Mission Planning Utilizing JOPES (Campaign/Deliberate/Crisis Action Planning)	EMFTS	EMFTS – C2	
06.01.01.MCT5.5.4					Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
06.01.01.MOB11					Maintain Mount-Out Capabilities	Sea Basing	Sea Basing	
06.01.02					Agile Sustainment	Sea Basing EMFTS	Sea Basing EMFTS – Log	
06.01.02.MCT1.1.1.3					Provide Sustainment Forces	EMFTS	EMFTS – Man	
06.01.02.MCT4.1					Conduct Supply Operations	EMFTS	EMFTS – Log	
06.01.02.MCT4.2					Conduct Maintenance Operations	EMFTS	EMFTS – Log	

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06.01.02.MCT4.3	Conduct Transportation Operations	EMFTS	EMFTS – Log	
06.01.02.MCT4.4	Conduct General Engineering Operations	EMFTS	EMFTS – Log	
06.01.02.MCT4.5	Provide Health Services	EMFTS	EMFTS – Log	
06.01.02.MCT5.1.1	Provide and Maintain Communications	EMFTS	EMFTS – C2	
06.01.02.MCT5.1.2.1	Utilize the Global Command and Control System (GCCS) and the Defense Information System Network (DISN)	EMFTS	EMFTS – C2	
06.01.02.MCT5.1.3.1	Maintain Common Operational Picture (COP)	EMFTS	EMFTS – C2	
06.01.02.MCT5.2.3	Perform Resource Management	EMFTS	EMFTS – C2	
06.01.02.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
06.01.02.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
06.01.02.AAW11	Repair Own Unit's AAW Equipment	Sea Basing	Sea Basing	
06.01.02.AAW12	Conduct Casualty Control Procedures to Maintain/Restore Own Unit's ADU Capabilities	Sea Basing	Sea Basing	
06.01.02.AMW20	Repair Own Unit's AMW Equipment	Sea Basing	Sea Basing	
06.01.02.AMW43	Conduct Casualty Control Procedures to Maintain/Restore Own Unit's AMW Capabilities	Sea Basing	Sea Basing	
06.01.02.ASU14	Repair Own Unit's ASU Equipment	Sea Basing	Sea Basing	
06.01.02.ASU17	Conduct Casualty Control Procedures to Maintain/Restore Own Unit's ASU Capabilities	Sea Basing	Sea Basing	
06.01.02.ASW9	Repair Own Unit's ASW Equipment	Sea Basing	Sea Basing	
06.01.02.ASW13	Conduct Casualty Control Procedures to Maintain/Restore Own Unit's ASW Capabilities	Sea Basing	Sea Basing	
06.01.02.CCC19	Repair Own Unit's CCC Equipment	Sea Basing	Sea Basing	
06.01.02.CCC20	Conduct Casualty Control Procedures to Maintain/Restore Own Unit's CCC Capabilities	Sea Basing	Sea Basing	
06.01.02..CON5	Perform Operational Construction Logistic Support in the Deployment Area	Sea Basing	Sea Basing	
06.01.02.CON6	Perform War Damage Repair and Rapid Runway Repair Operations	Sea Basing	Sea Basing	
06.01.02.INT17	Repair Own Unit's Intelligence-Related Equipment	Sea Basing	Sea Basing	

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06.01.02.INT19	Conduct Casualty Control Procedures to Maintain/Restore Own Unit's INT Capabilities	Sea Basing	Sea Basing	
06.01.02.FSO1	Repair and Overhaul Ships, Aircraft, and Associated Equipment	Sea Basing	Sea Basing	
06.01.02.MIW13	Repair Own Unit's MIW Equipment	Sea Basing	Sea Basing	
06.01.02.MIW15	Conduct Casualty Control Procedures to Maintain/Restore Own Unit's MIW Capabilities	Sea Basing	Sea Basing	
06.01.02.LOG1	Conduct Underway Replenishment	Sea Basing	Sea Basing	
06.01.02.LOG2	Transfer/Receive Cargo and Personnel	Sea Basing	Sea Basing	
06.01.02.LOG3	Provide Transfer for Cargo and Personnel	Sea Basing	Sea Basing	
06.01.02.LOG6	Provide Airlift of Cargo and Personnel	Sea Basing	Sea Basing	
06.01.02.LOG9	Repair Own Unit's Logistics Equipment	Sea Basing	Sea Basing	
06.01.02.LOG10	Conduct Casualty Control Procedures to Maintain/Restore Own Unit's LOG Capabilities	Sea Basing	Sea Basing	
06.01.02.MOB6	Refuel in the Air	Sea Basing	Sea Basing	
06.01.02.MOB10	Replenish at Sea	Sea Basing	Sea Basing	
06.01.02.MOB17	Perform Organizational Level Repairs to Own Unit's MOB Equipment	Sea Basing	Sea Basing	
06.01.02.MOB18	Conduct Casualty Control Procedures to Maintain/Restore Own Unit's MOB Capabilities	Sea Basing	Sea Basing	
06.01.02.NCO2	Provide Administrative and Supply Support for Own Unit	Sea Basing	Sea Basing	
06.01.02.NCO3	Provide Upkeep and Maintenance of Own Unit	Sea Basing	Sea Basing	
06.01.02.NCO7	Provide Special Technical Assistance	Sea Basing	Sea Basing	
06.01.02.NSW14	Repair Own Unit's NSW Equipment	Sea Basing	Sea Basing	
06.01.02.STS1	Load, Discharge, and Transport Dry Cargo	Sea Basing	Sea Basing	
06.01.02.STS2	Load, Discharge, and Transport POL	Sea Basing	Sea Basing	
06.01.02.STS3	Transport Passengers	Sea Basing	Sea Basing	
06.01.02.STW12	Repair Own Unit's STW Equipment	Sea Basing	Sea Basing	
06.01.02.STW13	Conduct Casualty Control Procedures to Maintain/Restore Own Unit's STW Capabilities	Sea Basing	Sea Basing	

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06.01.03	Operational Engineering	Sea Basing EMFTS	EMFTS – Log	
06.01.03.MCT4.4	Conduct General Engineering Operations	EMFTS	EMFTS – Log	
06.01.03.MCT4.4.3	Conduct Facilities Maintenance	EMFTS	EMFTS – Log	
06.01.03.MCT5.2.3	Perform Resource Management	EMFTS	EMFTS – C2	
06.01.03.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
06.01.03.CON4	Perform Specialized Construction	Sea Basing	Sea Basing	
06.01.03.CON6	Perform War Damage Repair and Rapid Runway Repair Operations	Sea Basing	Sea Basing	
06.01.04	Force Health Protection	Sea Basing EMFTS	EMFTS – Log	
06.01.04.MCT4.5	Provide Health Services	EMFTS	EMFTS – Log	
06.01.04.MCT4.5.1	Conduct Health Maintenance	EMFTS	EMFTS – Log	
06.01.04.MCT4.5.7.2	Maintain Dental Health Readiness	EMFTS	EMFTS – Log	
06.01.04.MOB12	Maintain the Health and Well-Being of the Crew	Sea Basing	Sea Basing	
06.01.04.NCO23	A614.NCO23 - Provide Full Medical Support on a World-Wide Basis to the Rapid Joint Task Force and other U.S. Forces Engaged in Combat Operations as Located in Areas Where Hostility may be Imminent	Sea Basing	Sea Basing	
06.01.05	Joint Theater Logistics (JTL)	Sea Basing	Sea Basing	
06.01.05.FSO1	Repair and Overall Ships, Aircraft and Associate Equipment	Sea Basing	Sea Basing	
06.01.05.LOG4	Support Ships and Aircraft in Supplies, Ordnance, and Other Services	Sea Basing	Sea Basing	
06.01.05.LOG5	Develop and Operate Temporary Combat Zone Air and Surface Cargo Terminals in Support of Navy Operations	Sea Basing	Sea Basing	
06.01.05.LOG7	Operate Port Facility	Sea Basing	Sea Basing	
06.01.05.MIW12	Provide Command, control, Intelligence, Support, and Heavy Lift for Surface, Air, and EOD MCM Forces	Sea Basing	Sea Basing	
06.01.05.STS1	Load, Discharge, and Transport Dry Cargo	Sea Basing	Sea Basing	
06.01.05.STS2	Load, Discharge, and Transport POL	Sea Basing	Sea Basing	
06.01.05.STS3	Transport Passengers	Sea Basing	Sea Basing	

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06.01.05.STS4	Preposition Cargo	Sea Basing	Sea Basing	
06.01.05.STS5	Load, Discharge and Transport Fleet Ballistic Missiles, Related Equipment, and Components	Sea Basing	Sea Basing	
06.01.06	Logistics Information Fusion	Sea Basing EMFTS	Sea Basing EMFTS – Log	
06.01.06.MCT4.1	Conduct Supply Operations	EMFTS	EMFTS – Log	
06.01.06.MCT4.1.2.1	Determine Requirements	EMFTS	EMFTS – Log	
06.01.06.MCT4.2.1.2.5	Conduct Aviation Maintenance Data Collection & Analysis	EMFTS	EMFTS – Log	
06.01.06.MCT5.1.1.2	Provide Wide Area Networks (WAN)/Local Area Networks (LAN) Communications	EMFTS	EMFTS – C2	
06.01.06.MCT5.1.2.1	Utilize the Global Command and Control System (GCCS) and the Defense Information System Network (DISN)	EMFTS	EMFTS – C2	
06.01.06.MCT5.2.3	Perform Resource Management	EMFTS	EMFTS – C2	
06.01.06.LOG8	Conduct Material Control Operations	Sea Basing	Sea Basing	
06.01.06.NCO2	Provide Administrative and Supply Support for Own Unit	Sea Basing	Sea Basing	
06.01.07	Multinational Logistics	Sea Basing EMFTS	Sea Basing EMFTS – Log	
06.01.07.MCT4.1.2	Conduct Ground Supply Operations	EMFTS	EMFTS – Log	
06.01.07.MCT4.6	Provide Services (Nonmateriel and Support Activities)	EMFTS	EMFTS – Log	
06.01.07.MCT4.10	Conduct Civil-Military Operations (CMO)	EMFTS	EMFTS – Log	
06.01.07.MCT5.2.3	Perform Resource Management	EMFTS	EMFTS – C2	
06.01.07.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
07	Joint Training	MPT&E SS/S(Land) EMFTS	MPT&E EMFTS - Log	
07.01	Joint Force Generation	MPT&E SS/S(Land) EMFTS	MPT&E EMFTS – Log	
07.01.MCT4.7	Train Forces and Personnel	EMFTS	EMFTS – Log	

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07.01.MCT5.2.2	Conduct Deliberate Planning (Marine Corps Planning Process) (MCPP)	EMFTS	EMFTS – C2	
07.01.MCT5.2.3	Perform Resource Management	EMFTS	EMFTS – C2	
07.01.MOB13	Maintain Reserve Unit Mobilization Readiness	MPT&E SS/S(Land) SS/S(Air) SS/S(Sea)	MPT&E	
07.01.01	Man	MPT&E EMFTS	MPT&E EMFTS – Log	
07.01.01.MCT4.6.2.1	Conduct Personnel Administration	EMFTS	EMFTS – Log	
07.01.01.01	Recruit	MPT&E		
07.01.02	Equip	MPT&E EMFTS	MPT&E EMFTS – Log	
07.01.02.MCT4.7.3	Process and Equip Combat Replacements and Individual Augmentees	EMFTS	EMFTS – Log	
07.01.02.01	Acquire	MPT&E	MPT&E	
07.01.02.02	Integrate	MPT&E	MPT&E	
07.01.03	Organize	MPT&E EMFTS	MPT&E EMFTS – Man	
07.01.03.MCT1.1	Provide Forces	EMFTS	EMFTS – Man	
07.01.04	Develop Skills	MPT&E EMFTS	MPT&E EMFTS – Log	
07.01.04.MCT4.7	Train Forces and Personnel	EMFTS	EMFTS – Log	
07.01.04.MCT4.7.1	Conduct Individual and Unit Training	EMFTS	EMFTS – Log	
07.01.04.01	Doctrine	MPT&E	MPT&E	
07.01.04.02	Educate	MPT&E EMFTS	MPT&E EMFTS – Log	
07.01.04.02.MCT4.7.2.3	Develop Training Plans and Programs	EMFTS	EMFTS – Log	
07.01.04.02.MCT4.7.2.6	Provide General Training and Education	EMFTS	EMFTS – Log	
07.01.04.02.01	Academic	MPT&E EMFTS	EMFTS – Log	

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07.01.04.02.01.MCT4.7.2.3	Develop Training Plans and Programs	EMFTS	EMFTS – Log	
07.01.04.02.02	Professional Military Education (PME)	MPT&E EMFTS	MPT&E EMFTS – Log	
07.01.04.02.02.MCT4.7.2.3	Develop Training Plans and Programs	EMFTS	EMFTS – Log	
07.01.05	Train	MPT&E EMFTS	EMFTS – Log	
07.01.05.MCT4.7	Train Forces and Personnel	EMFTS	EMFTS – Log	
07.01.05.MCT4.7.1	Conduct Individual and Unit Training	EMFTS	EMFTS – Log	
07.01.05.MCT4.7.2	Provide Training Services	EMFTS	EMFTS – Log	
07.01.05.NCO29	Provide Type Commander NATOPS Evaluator for Duties Regarding NATOPS Matters as may be Directed	MPT&E	MPT&E	
07.01.05.01	Individual	MPT&E EMFTS	MPT&E EMFTS – Log	
07.01.05.01.MCT4.7.1	Conduct Individual and Unit Training	EMFTS	EMFTS – Log	
07.01.05.01.MCT4.7.1.1	Train Individual Marines	EMFTS	EMFTS – Log	
07.01.05.01.MCT4.7.1.2.1	Provide Physical Fitness Services	EMFTS	EMFTS – Log	
07.01.05.01.MCT4.7.1.3	Conduct Special Duty Training	EMFTS	EMFTS – Log	
07.01.05.01.MCT4.7.1.4	Conduct Family Readiness Training	EMFTS	EMFTS – Log	
07.01.05.01.NCO21	Function as Modeled Manager for USN Personnel Qualification Standard (PQS) for Own Unit's Specific Warfare and/or Specialist Community	MPT&E	MPT&E	
07.01.05.02	Collective	MPT&E EMFTS	MPT&E EMFTS – Log	
07.01.05.02.MCT4.7.1.2	Conduct Unit Training	EMFTS	EMFTS – Log	
07.01.05.02.MCT4.7.1.2.1	Provide Physical Fitness Services	EMFTS	EMFTS – Log	
07.01.05.02.MCT4.7.1.3	Conduct Special Duty Training	EMFTS	EMFTS – Log	
07.01.05.02.MCT4.7.2.1	Provide Mobile Training Teams (MTT)	EMFTS	EMFTS – Log	
07.01.05.02.MCT4.7.2.2	Provide Foreign Military Training	EMFTS	EMFTS – Log	
07.01.05.03	Staff	MPT&E EMFTS	MPT&E EMFTS – Log	
07.01.05.02.MCT4.7.1.2	Conduct Unit Training	EMFTS	EMFTS – Log	

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07.01.05.02.MCT4.7.1.2.1	Provide Physical Fitness Services	EMFTS	EMFTS – Log	
07.01.05.02.MCT4.7.1.3	Conduct Special Duty Training	EMFTS	EMFTS – Log	
07.01.05.02.MCT4.7.2.1	Provide Mobile Training Teams (MTT)	EMFTS	EMFTS – Log	
07.01.05.02.MCT4.7.2.2	Provide Foreign Military Training	EMFTS	EMFTS – Log	
07.01.05.02.MCT4.7.2.3	Develop Training Plans and Programs	EMFTS	EMFTS – Log	
07.01.06	Exercise	MPT&E	MPT&E	
07.01.06.NCO29	Provide Type Commander NATOPS Evaluator for Duties Regarding NATOPS Matters as may be Directed	MPT&E	MPT&E	
07.01.06.01	Validation	MPT&E	MPT&E	
07.01.06.02	Mission Rehearsal Exercise	MPT&E	MPT&E	
07.01.06.03	Interagency, Intergovernmental, and Multinational Exercises	SS/S(Land)		
07.02	Joint IA/ IGO/ MN/ NGO Coordination	SS/S(Land) EMFTS	EMFTS – C2	
07.02.MCT5.5.1	Integrate and Operate with Joint/Combined Forces	EMFTS	EMFTS – C2	
07.02.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
07.02.01	U.S. Government Interagency Integration	SS/S(Land) EMFTS	EMFTS – C2	
07.02.01.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
07.02.02	Intergovernmental Organization Coordination	SS/S(Land) EMFTS	EMFTS – C2	
07.02.02.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
07.02.03	Multinational Coordination	SS/S(Land)		
07.02.04	Nongovernmental Organization Coordination	SS/S(Land)		
08	Force Management	All		
08.01	Joint Shaping	SS/S(Land) SS/S(Air) SS/S(Sea) EMFTS	EMFTS – C2	

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08.01.01	Military Diplomacy (MD)	SS/S(Land)		
08.01.01.MOS1	Perform Naval Diplomatic Presence Operations	SS/S(Land)		
08.01.02	Defense Support to Public Diplomacy (DSPD)	SS/S(Land) EMFTS	EMFTS – C2	
08.01.02.MCT5.4	Conduct Information Operations (IO)	EMFTS	EMFTS – C2	
08.01.02.MOS1	Perform Naval Diplomatic Presence Operations	SS/S(Sea)		
08.01.03	Strategic Communication	SS/S(Land)		
08.01.03.01	Analytical Support and Assessment	SS/S(Land)		
08.01.04	Security Cooperation	SS/S(Land)		
08.01.04.01	Building Military Partner Capability	SS/S(Land) EMFTS	EMFTS – C2	
08.01.04.01.MCT1.6.6	Conduct MOOTW	EMFTS	EMFTS – Man	
08.01.04.01.MCT4.7.2	Provide Training Services	EMFTS	EMFTS – Log	
08.01.04.01.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
08.01.04.01.AMW31	Provide Instruction to Non-US Units Using Mobile Training Teams	SS/S(Land)		
08.01.04.02	Building Military Partner Capacity	SS/S(Land)		
08.01.04.03	Regional Security Initiatives	SS/S(Land) EMFTS	EMFTS – C2	
08.01.04.03.MCT1.6.6	Conduct MOOTW	EMFTS	EMFTS – Man	
08.01.04.03.MCT2.3.3	Conduct Counter-Proliferation Support Operations	EMFTS	EMFTS – Intel	
08.01.04.03.MCT4.7.2.2	Provide Foreign Military Training	EMFTS	EMFTS – Log	
08.01.04.03.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
08.01.05	Presence	SS/S(Sea) EMFTS	EMFTS – Log	
08.01.05.MCT4.4.2	Conduct Horizontal/Vertical Construction	EMFTS	EMFTS – Log	

Hierarchy Identifier	Joint Capability Area/DON Segment Reference Architecture (Marine Corps Essential Task/Navy Required Operational Capability)	NP 21 Pillar/ MA CHENG	Existing Principle Mission- Level Architecture	Existing Supporting Mission- Level Architectures
08.01.05.MOS1	Perform Naval Diplomatic Presence Operations	SS/S(Sea)		
08.02	Joint Public Affairs Operations	SS/S(Land) EMFTS	EMFTS – C2	
08.02.MCT5.4.2.4	Conduct Public Affairs Operations	EMFTS	EMFTS – C2	
08.02.01	Public Affairs Operational Planning	SS/S(Land)		
08.02.02	Public Information	SS/S(Land) EMFTS	EMFTS – C2	
08.02.02.MCT5.4.2.4	Conduct Public Affairs Operations	EMFTS	EMFTS – C2	
08.02.02.01	Media Relations	SS/S(Land)		
08.02.02.02	Visual Information (VI) Activities	SS/S(Land)		
08.02.02.03	Public Websites	SS/S(Land)		
08.02.03	Command/Internal Information	SS/S(Land)		
08.02.04	Community Relations	SS/S(Land) EMFTS	EMFTS – C2	
08.02.04.MCT5.4.2.4	Conduct Public Affairs Operations	EMFTS	EMFTS – C2	
08.02.04.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	
08.03	Joint Force Management	All		
08.03.01	Global Posture	MPT&E EMFTS	MPT&E EMFTS – Log	
08.03.01.MCT1.2	Move Forces	EMFTS	EMFTS – Man	
08.03.01.MCT1.2.1	Prepare Forces for Movement	EMFTS	EMFTS – Man	
08.03.01.MCT1.2.3	Embark Forces	EMFTS	EMFTS – Man	
08.03.01.MCT4.3	Conduct Transportation Operations	EMFTS	EMFTS – Log	
08.03.01.MCT5.3.1.7	Establish Liaisons	EMFTS	EMFTS – C2	
08.03.01.MCT5.3.3.3	Establish Forward Operating Locations (FOB, FOS, FARP)	EMFTS	EMFTS – C2	
08.03.01.MCT5.5.3	Conduct Joint Mission Planning Utilizing JOPES (Campaign/Deliberate/Crisis Action Planning	EMFTS	EMFTS – C2	
08.03.01.MCT5.5.4	Coordinate and Integrate Joint, Multinational, and Interagency Support	EMFTS	EMFTS – C2	

Hierarchy Identifier	Joint Capability Area/DON Segment Reference Architecture (Marine Corps Essential Task/Navy Required Operational Capability)	NP 21 Pillar/ MA CHENG	Existing Principle Mission- Level Architecture	Existing Supporting Mission- Level Architectures
08.03.02	Global Force Management	MPT&E EMFTS	MPT&E EMFTS – C2	
08.03.02.MCT1.1	Provide Forces	EMFTS	EMFTS – Man	
08.03.02.MCT5.1.2	Manage Means of Communicating Information	EMFTS	EMFTS – C2	
08.03.02.MCT5.1.3	Maintain Information and Force Status	EMFTS	EMFTS – C2	
08.03.02.MCT5.2.2	Conduct Deliberate Planning (Marine Corps Planning Process) (MCPPE)	EMFTS	EMFTS – C2	
08.03.02.MCT5.2.3	Perform Resource Management	EMFTS	EMFTS – C2	
08.03.02.MCT5.5.3	Conduct Joint Mission Planning Utilizing JOPES (Campaign/Deliberate/Crisis Action Planning)	EMFTS	EMFTS – C2	
08.03.02.MOB13	Maintain reserve Unit Mobilization Readiness	MPT&E	MPT&E	
08.03.02.NCO2	Provide Administrative and Supply Support for Own Unit	MPT&E	MPT&E	
08.03.03	Planning	All		
08.03.03.CCC18	Develop, Coordinate, and Control Communications Plans for Integrated Group Communications Among Warfare Commanders and/or Naval, Combined, or Joint Forces	All		
08.03.03.NSW13	Plan and Integrate Special Operations Forces into Battlegroup, Amphibious Forces and Combined/Joint Concept of Operations	All		
08.03.04	Future Capability Identification	All		

Hierarchy Identifier	Joint Capability Area/DON Segment Reference Architecture (Marine Corps Essential Task/Navy Required Operational Capability)	NP 21 Pillar/ MA CHENG	Existing Principle Mission-Level Architecture	Existing Supporting Mission-Level Architectures					
ROCS Assigned to Pillars, but not assigned to a JCA									
00.NCO8	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table> Serve as a Platform for Operational Test and Evaluation of Systems, Equipment and Tactics						Sea Enterprise		
00.NCO25	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table> Conduct Marine Environmental protection						Sea Basing Sea Enterprise		

Enclosure G. DOD portion of the Intelligence Mission Area

Hierarchy Reference	DOD portion of the Intelligence Mission Area Subportfolios
01	Execute Analysis and Production
02	Perform Exploitation
03	Perform Collections
04	Manage Dissemination
05	Execute Enterprise IT
06	Perform Enterprise Management
07	Provide Mission Management

Enclosure H. Enterprise Information Environment Mission Area³

Hierarchy Identifier	Enterprise Information Environment Mission Area Capabilities	
01	Core Enterprise Services	
01.01		Data and Services Capabilities
01.01.01		Provide Visible Data and Services
01.01.02		Provide Accessible Data and Services
01.01.03		Provide Understandable Data and Services
01.01.04		Provide Trusted Data and Services
01.01.05		Provide Common End-User Interface Tools
01.02		NetOps Capabilities
01.02.01		Command and Control the GIG
01.02.01		Provide GIG Situational Awareness Information
02	Communications	
02.01		Information Transport Capability
02.01.01		Provide Information Transport
03	Information Assurance	
03.01		Information Assurance Capabilities
03.01.01		Conduct Attack/Event Response
03.01.02		Protect Data and Networks
03.01.03		Secure Information and Exchanges
03.01.04		Provide Authentication and Non-Repudiation Services
04	Computing Infrastructure	
04.01		Shared Infrastructure Capability
04.01.01		Provide Deployable, Scalable GIG Capabilities
04.02		Computing Infrastructure Capabilities
04.02.01		Provide Adaptable Hosting Environments
04.02.02		Provide Distributed Computing Infrastructure Functionality
04.02.03		Provide Access to Shared Computing Infrastructure Resources

³ Based on a 27 Feb 08 email from Mr. Wennergren, Deputy DOD CIO, the EIEMA will be merged into the Joint Net-Centric Operations JCA. This Hierarchy will reflect that change when the DODD 8115.01 is formally updated per the email.