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From: Chief of Naval Operations
Commandant of the Marine Corps
Commandant of the United States Coast Guard


Subj: UNIVERSAL NAVAL TASK LIST (UNTL)


Encl: (1) Revised Chapter 3

1. Purpose. To transmit revised chapter 3 of the basic instruction, which revises the Navy Tactical Task List.

2. Action. Remove chapter 3 of the basic instruction and replace with enclosure (1).


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CHAPTER 3

NAVY TACTICAL TASK LIST
(NTTL)

SECTION A GENERAL

1. Introduction. This section provides information specific to Navy/Coast Guard use of the NTTL, with emphasis on the Commander, Fleet Forces Command Navy Warfare Training System (NWTS) and the Navy Training Information Management System (NTIMS).
2. Navy Warfare Training System (NWTS). The NWTS, modeled after the Joint Training System (JTS), consists of the same four phases: Requirements, Plans, Execution, and Assessment. NWTS provides a systematic approach to training that identifies mission-based capability needs in the requirements phase; identifies and codifies prioritized training requirements in a Navy Warfare Training Plan in the planning phase; conducts and evaluates cost-effective and efficient training in the assessment phase; and gathers and analyzes the collective results of naval training in the assessment phase. NWTS is a process where all phases are conducted simultaneously. NWTS is described in more detail in the Fleet Forces Command Fleet Training Strategy (FTS) [COMFLTFORCOMINST 3501.3 (series)].
3. Navy Training Information Management System (NTIMS). NTIMS uses a Web-based (SIPRNET) client server to build, store, and apply NMETLS, Navy Warfare Training Plans, and training resource and requirements models. NTIMS also assists Navy commanders in executing, evaluating and assessing their warfare training programs. Fleet Forces Command (N72) controls NTIMS access.
4. Tasks. Changes in task numbering from the Universal Naval Task List (UNTL) version 2.0 to version 3.0 are summarized in pages 3-A-2 through 3-A-5. Most changes are the result of adding new tasks and the deletion of a number of U.S. Marine Corps tasks, which are now covered in the Marine Corps Task List (Chapter 4).
5. Conditions. The conditions listed in Appendix A are from the Universal Joint Task List (UJTL), which contains conditions for use by all services, but also allows Service-specific conditions to be created. A list of Navy-specific conditions is maintained in the Requirements Module of NTIMS, along with those conditions from the UJTL.
4. Standards. NTIMS provides the ability to link conditions and measures and set standards for each task. Usually a small number of measures will be sufficient. In some cases, one measure is enough, however, in others (e.g., engaging enemy targets), measures for both time and accuracy may be required to fully define the required level of performance. Commanders establish performance standards by selecting or creating a measure, and then assigning appropriate criteria. NTIMS includes the list of measures from the UJTL/UNTL and all NTIMS user-created measures. The complete listing is retained in the Requirements Module of NTIMS. The measures listed below each task in Section B to this chapter are merely examples. The commander may choose measures from NTIMS, modify them as needed, or create more appropriate measures for the task. Once measures are chosen, the commander then assigns criteria for each measure to create a standard for task performance.

Title	Old Number V2.0	New Number V3.0
Provide Damage Control		New Task NTA 1.1.1.7.3
Conduct Aviation Qualification	NTA 1.1.2.3.1	NTA 1.1.2.3.3.1
Launch Aircraft	NTA 1.1.2.3.2	NTA 1.1.2.3.3.2
Conduct Flight Operations		New Task NTA 1.1.2.3.3
Recover Aircraft	NTA 1.1.2.3.3	NTA 1.1.2.3.3.3
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Conduct Convoy Operations		New Task NTA 1.1.2.3.4
Conduct Wet Well Operations		New Task NTA 1.1.2.3.5
Control Landing Craft		New Task NTA 1.1.2.3.6
Conduct Small Boat Operations		New Task NTA 1.1.2.3.7
Conduct Submerged Operations		New Task NTA 1.1.2.3.8
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Return Ship to Port, Anchorage, or Moorage	NTA 1.1.2.3.5	NTA 1.1.2.3.2
Employ Remote Vehicles		New Task NTA 1.1.2.5
Conduct Navigation		New Task NTA 1.2.11
Maneuver in Formation		New Task NTA 1.2.12
Reacquire Minelike Contacts (MILC)		New Task NTA 1.3.1.1.1
Identify Minelike Contacts		New Task NTA 1.3.1.1.2
Conduct Mine Exploitation		New Task NTA 1.3.1.4
Conduct Maritime Superiority	NTA 1.5.2	Task Deleted
Conduct Surface Warfare	NTA 1.5.2.1	Task Deleted
Conduct Air Superiority Warfare	NTA 1.5.2.2	Task Deleted
Conduct Undersea/Antisubmarine Warfare	NTA 1.5.2.3	Task Deleted
Conduct Strike/Power Projection Warfare	NTA 1.5.3	Task Deleted
Conduct Amphibious Operations	NTA 1.5.4	NTA 1.5.2

Conduct Ship-to-Shore or Ship-to-Objective Maneuver	NTA 1.5.4.1	NTA 1.5.2.1
Deploy Coordinated Strike Forces	NTA 1.5.4.1.1	NTA 1.5.2.1.1
Support Coordinated Strike Forces	NTA 1.5.4.1.2	NTA 1.5.2.1.2
Conduct an Amphibious Assault	NTA 1.5.4.2	NTA 1.5.2.2
Conduct Forcible Entry in AOA or AO.	NTA 1.5.4.2.1	NTA 1.5.2.2.1
Seize and Hold Lodgment	NTA 1.5.4.2.2	NTA 1.5.2.2.2
Buildup the Force	NTA 1.5.4.2.3	NTA 1.5.2.2.3
Stabilize the Lodgment	NTA 1.5.4.2.4	NTA 1.5.2.2.4
Insert Follow-on Forces	NTA 1.5.4.2.5	NTA 1.5.2.2.5
Conduct an Amphibious Demonstration	NTA 1.5.4.3	NTA 1.5.2.3
Conduct an Amphibious Raid	NTA 1.5.4.4	NTA 1.5.2.4
Conduct an Amphibious Withdrawal	NTA 1.5.4.5	NTA 1.5.2.5
Conduct Sustained Operations Ashore	NTA 1.5.5	Task Deleted
Conduct Attack	NTA 1.5.5.1	NTA 1.5.3
Conduct Hasty Attack	NTA 1.5.5.1.1	NTA 1.5.3.1
Conduct Deliberate Attack	NTA 1.5.5.1.2	NTA 1.5.3.2
Conduct Spoiling Attack	NTA 1.5.5.1.3	Task Deleted
Conduct Counter Attack	NTA 1.5.5.1.4	Task Deleted
Conduct Raid	NTA 1.5.5.1.5	NTA 1.5.3.3
Conduct Feint	NTA 1.5.5.1.6	NTA 1.5.3.4
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Conduct Pursuit	NTA 1.5.5.3	Task Deleted
Conduct Defense	NTA 1.5.5.4	NTA 1.5.4
Conduct Mobile Defense	NTA 1.5.5.4.1	Task Deleted
Conduct Position Defense	NTA 1.5.5.4.2	Task Deleted
Conduct Retrograde	NTA 1.5.5.4.3	Task Deleted
Conduct Delay	NTA 1.5.5.4.4	NTA 1.5.4.2
Conduct Withdrawal	NTA 1.5.5.4.5	Task Deleted
Conduct Retirement	NTA 1.5.5.4.6	Task Deleted
Conduct Security	NTA 1.5.5.5	NTA 1.5.4.1
Conduct Screen	NTA 1.5.5.5.1	NTA 1.5.4.1.1

Conduct Guard	NTA 1.5.5.5.2	Task Deleted
Conduct Cover	NTA 1.5.5.5.3	NTA 1.5.4.1.2
Provide Area Security	NTA 1.5.5.5.4	NTA 1.5.4.1.3
Secure an Area	NTA 1.5.5.5.4.1	NTA 1.5.4.1.4
Secure and Protect LOCs and Routes in AO	NTA 1.5.5.5.4.2	NTA 1.5.4.1.5
Provide Convoy Security	NTA 1.5.5.5.4.3	Task Deleted
Secure Area for Peace Operations	NTA 1.5.5.5.4.4	Task Deleted
Conduct Ground Tactical Enabling Operations	NTA 1.5.5.6	NTA 1.5.5
Conduct Patrols	NTA 1.5.5.6.1	NTA 1.5.5.1
Conduct Linkup with Other Tactical Forces	NTA 1.5.5.6.2	Task Deleted
Conduct Passage-of-Lines	NTA 1.5.5.6.3	NTA 1.5.5.2
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Cross Rivers and Gaps	NTA 1.5.5.7	NTA 1.5.5.4
Enhance Movement	NTA 1.5.5.8	NTA 1.5.6
Construct/Repair Combat Roads and Trails	NTA 1.5.5.8.1	NTA 1.5.6.1
Construct/Repair Forward Airfields and Landing Zones	NTA 1.5.5.8.2	NTA 1.5.6.2
Facilitate Movement on Routes	NTA 1.5.5.8.3	NTA 1.5.6.3
Control Tactical Movement	NTA 1.5.5.8.4	Task Deleted
Provide Refugee and Straggler Control	NTA 1.5.5.8.5	Task Deleted
Conduct Naval Special Warfare	NTA 1.5.6	NTA 1.5.7
Conduct Unconventional Warfare	NTA 1.5.7	NTA 1.5.8
Conduct Information Superiority	NTA 1.5.8	NTA 1.5.9
Evaluate Intelligence Operations	NTA 2.5.3	NTA 2.6
Conduct C2 Attack		New Task NTA 3.2.5.1
Onload and/or Offload Ordnance		New Task NTA 4.1.5
Provide Billeting to Non-Combatant Evacuees		New Task 4.4.2.4
Transport Personnel		New Task NTA 4.5.4.1
Transport Cargo		New Task NTA 4.5.4.2
Provide Support Services		New Task NTA 4.14

Coordinate Offensive Mining Operations		New Task NTA 5.4.3.6
Conduct Measurement of Own Force Electronic Emitters		New Task NTA 5.5.4.1
Conduct Electronic Warfare Reprogramming		New Task NTA 5.5.4.2
Perform Spectrum Management		New Task NTA 5.5.6
Employ Communication Security		New Task NTA 6.1.2.1.3
Coordinate Damage Control Operations	NTA 6.2.2	NTA 6.5.2
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Perform Search and Rescue (SAR)	NTA 6.2.3	NTA 6.2.2.1
Perform Combat Search and Rescue (CSAR)	NTA 6.2.4	NTA 6.2.2.2
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Establish and Enforce Protection Perimeter		New Task NTA 6.3.1.5
Conduct Surveillance Detection Operations		New Task NTA 6.3.1.6
Evaluate Base Security Procedures		New Task NTA 6.3.1.6.1
Operate Low Level Source Networks		New Task NTA 6.3.1.6.2
Assure Traffic Safety and Security of Routes		New Task NTA 6.3.2.2.1
Review and Apply Use of Deadly Force Rules		New Task NTA 6.3.2.2.2
Employ Military Working Dog Assets		New Task NTA 6.3.2.2.3
Provide Disaster Relief	NTA 6.4	NTA 6.5.1
Perform Consequence Management		New Task NTA 6.5
Provide Emergency Assistance		New Task NTA 6.5.3
Provide for Operational		New Task NTA 6.6

Safety of Personnel and Equipment		
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UNTL 3.0 Change 1 Task Additions

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Integrate Forces		NTA 1.5.1.3
Detect Contacts		NTA 2.2.1.1
Tract Contacts		NTA 2.2.1.2
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Identify Contacts		NTA 2.2.1.4
Localize Contacts		NTA 2.2.1.5
Provide Cueing		NTA 2.2.3.1.1
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Conduct Counterintelligence		NTA 2.2.6
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Provide Petroleum, Oil and Lubricants		NTA 4.2.4
Provide Childcare Services and Youth Recreation Programs		NTA 4.4.6
Provide Fleet and Family Support for Deployment, Crisis Response and Career Support and Retention		NTA 4.4.7
Provide DoD School Support		NTA 4.4.8
Provide Personal Property Services		NTA 4.4.9
Conduct Engineer Reconnaissance		NTA 4.7.1.1
Conduct Horizontal Construction		NTA 4.7.1.2
Conduct Airfield Damage Repair		NTA 4.7.1.2.1
Conduct Vertical Construction		NTA 4.7.1.3
Conduct Utilities Construction		NTA 4.7.1.4
Perform Underwater Construction Engineer Services		NTA 4.7.1.5
Perform Bridging		NTA 4.7.1.6
Conduct Facilities Operation and Maintenance		NTA 4.7.1.7

Provide Chiller Plant and Air Conditioning Services		NTA 4.7.11
Provide Natural Gases, Compressed Gases, and Miscellaneous Utilities		NTA 4.7.12
Provide Steam and Hot Water Heating		NTA 4.7.13
Collect, Treat, and Dispose of Sewage		NTA 4.7.14
Provide Customs Support		NTA 4.8.3.1
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Administer Host Nation Support Agreements		NTA 4.8.6
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Navy Tactical Task List 3.0 (NTTL)

Maneuver

NTA 1 DEPLOY/CONDUCT MANEUVER.

To move forces to achieve a position of advantage with respect to enemy forces. This task includes the employment of forces on the battlefield in combination with fire or fire potential. Maneuver is the dynamic element of combat, the means of concentrating forces at the decisive point to achieve the surprise, psychological shock, physical momentum, and moral dominance which enables smaller forces to defeat larger ones. This task includes the movement of combat and support units. (JP 3-0, 3-01.1, 3-02.2, 3-03, 3-05, 3-07.1, 3-09, 3-15, 3-50.21, 5-0, MCDP 1, 1-3, MCWP 0-1, NDP 1, NWP 3 Series, 3-02 Series, 4-01, CJCSI 3202.01, CJCSM 3122.03A)

M1	Percent	Of OPLAN forces in place at execution.
M2	Days	Delay in OPLAN phase execution due to logistics constraints.
M3	Percent	Of required transportation assets, represented by planned transportation assets, in TPFDD for current operation.

Note: The employment of direct fire systems (such as small arms, tank guns, and attack helicopters) is included under NTA 3, *Employ Firepower*. Movement of cargo, equipment, and personnel is covered under NTA 4.5, *Provide Transport Services*.

NTA 1.1 Move Naval Tactical Forces

To move naval units and/or organizations and their systems from one position to another in order to gain a position of advantage or avoid a position of disadvantage with respect to an enemy. Naval mobility ensures that a commander can either seek or avoid an engagement as required either for the completion of the mission or for the protection of own force. This task includes bypassing obstacles and sea mines. It also includes movement of units by a non-organic organization, such as movement of a mine countermeasures (MCM) asset by strategic airlift or commercial sealift. (JP 3-0, 3-02, 3-02.1, 3-15, MCDP 1, 3, NDP 1, 4, NWP 1-02, 3-02 Series, 3-20.6, 4-01, 4-01.4)

M1	Kilometers per hour	Rate of movement.
M2	Knots	Rate of movement.
M3	Time	To initiate movement.

NTA 1.1.1 Prepare Forces For Movement

To assemble, inspect, and load personnel, equipment, and supplies in preparation for a tactical movement. It includes procurement and storage of equipment and supplies, staging/marshaling and embarkation of naval forces on air and sea borne assets, estimating throughput, time phasing force movement, and establishing tactical formations. It also includes completion of vital voyage repairs to the naval task force ships prior to movement. (JP 3-02 Series, 3-17, NDP 1, 4, NWP 3-02 Series, 4 Series, 4-01, FMFM 1-14)

M1	Time	To initiate movement.
M2	Percent	Of equipment fully operational.
M3	Time	To determine readiness of personnel, equipment, and supplies.

NTA 1.1.1.1 Identify Lift Requirements

To identify transportation requirements for expeditionary/amphibious /military sealift shipping, maritime pre-positioning shipping, commercial shipping, and/or airlift to support the movement of personnel, equipment, and supplies. **(JP 1, 3-02, 4-0, 4-01.2, MCDP 3, NDP 4, NWP 3-02.1, 4 Series, 4-01, NTTP 3-02.3)**

M1	Percent	Of equipment fully operational.
M2	Percent	Of cargo capacity provided to support landing forces and follow-on echelon force, support forces, and supplies.
M3	Time	To provide estimate of amphibious shipping after tasking.

NTA 1.1.1.2 Stage/Marshal Forces

To sortie and assemble expeditionary/amphibious/military sealift shipping and aircraft at embarkation ports. Move ground/air forces and associated equipment to embarkation ports preparatory to loading on board expeditionary/amphibious/military sealift shipping and aircraft. **(JP 1, 3-0, 3-02, 3-02.2, NDP 4, NWP 3-02 Series, FMFM 1-14, FMFM 1-16)**

M1	Time	To initiate movement.
M2	Percent	Of equipment fully operational.
M3	Days	To initiate movement.

NTA 1.1.1.3 Embark Forces

To embark forces and equipment on naval (including expeditionary/amphibious and follow-on), military sealift or commercial shipping and aircraft, preparatory to movement to offload area. Includes preparation of loading and berthing plans. **(JP 1, 3-0, 3-02, 3-02.1, NDP 1, 4, NWP 3-02 Series, 3-05.4, 4-01, NTTP 3-02.3, FMFM 1-5, FMFM 1-14)**

M1	Percent	Of equipment fully operational before embark vs. after embark completed.
M2	Time	To initiate movement.
M3	Percent	Of staged forces and equipment embarked according to loading and berthing plan.

NTA 1.1.1.4 Conduct Administrative Off-Load

The non-tactical offload of personnel, supplies, and equipment from naval or commercial shipping. **(JP 3-02, 3-02.1, 3-02.2, NWP 4 Series)**

M1	Percent	Of equipment fully operational after offload completed.
M2	Hours	To complete offload.
M3	Number	Persons required to conduct offload.

NTA 1.1.1.5 Conduct Shore-to-Ship Movement

The non-tactical movement of forces, units, or detachments, including personnel, equipment, and supplies, from the shore to naval or commercial shipping. **(JP 3-02, NWP 3-02.1)**

M1	Percent	Of equipment fully operational after onload completed.
M2	Hours	To complete maneuver.
M3	Number	Personnel embarked.

NTA 1.1.1.6 Reconstitute/Redeploy the Force

To rapidly restore the fighting potential of the forces for subsequent redeployment through deliberate regeneration and back loading of amphibious shipping. **(JP 3-02, JP 3-02.2, MCDP 3, MCWP 0-1, MCWP 4-6, NWP 4 Series)**

M1	Time	For maneuver force to transition to or from operational formation.
M2	Time	For naval expeditionary force (NEF) shipping to transition to or from landing formations.
M3	Percent	Of required logistics in place on schedule.

NTA 1.1.1.7 Prepare Ship for Movement

Includes completion of all standard operating procedures, to include completion of approved pre-underway or prior-to-arriving inport check-off lists. Arranging of port services, preparing and approval of charts with position and intended movement (PIM) tracks laid out on all harbor and transit charts, and conducting a navigation brief. **(NDP 1, 4, NWP 1-02, 3-02 Series, 4-01, 4-01.4)**

M1	Days	Required to prepare.
M2	Percent	Of authorized manning.
M3	Percentage	Of qualified personnel.

NTA 1.1.1.7.1 Provide Engineering/Main Propulsion

To conduct engineering procedures and operations to include main propulsion, HVAC, ships services, water and electrical distribution, and other auxiliary systems. **(NDP 1, 4, NWP 1-02, 3-20 Series, 4-01)**

M1	Percentage	Of qualified and interim qualified personnel.
M2	Percentage	Of equipment available.
M3	Days	Delayed due to inability to meet minimum sailing requirements.

NTA 1.1.1.7.2 Provide Combat Systems/Deck/Communications

To conduct combat systems (including deck, weapons systems, and communications) procedures and operations, including equipment configuration validation. **(NDP 1, 4, NWP 1-02, 3-20 Series, 4-01)**

M1	Percentage	Of qualified personnel.
M2	Percentage	Of equipment available.
M3	Time	Unit sail delayed to load weapons.

NTA 1.1.1.7.3 Provide Damage Control

To conduct damage control procedures and operations to contain, control, limit effects, and restore from conditions resulting from: fire, smoke, flooding, structural damage, toxic gas, hazardous material (HAZMAT) spills, contamination, and other emergency situations. **(NDP 1, 4, NWP 1-02, 3-20 Series, 4-01)**

Note: Battle damage repair, preventive and corrective maintenance are contained in NTA 4.3, *Repair/Maintain Equipment*.

M1	Percent	Of fully qualified or interim qualified watch standers.
M2	Percent	Of equipment available/operational.
M3	Percent	Of all personnel completed required DC schools.

NTA 1.1.2 Move Forces.

To move forces/units tactically on or under the sea, through the air, or on the ground. This movement includes the positioning of ships, submarines, aircraft, and ground forces. **(JP 1, 3-0, 3-02 Series, 4-01 Series, MCDP 3, MCWP 01, NDP 1, 4, NWP 3-02 Series, 3-02.1, 3-20.6, 4, 4-01, 4-01.4)**

M1	Percent	Of units closed on or before required deployment date (RDD) in the TPFDD.
M2	Percent	Of forces close into positions on OPLAN time lines.
M3	Percent	Of cargo planned for delivery is delivered.

NTA 1.1.2.1 Establish Naval Cooperation and Guidance for Shipping (NCAGS)

To establish control over and protect shipping. Includes passive procedures for naval cooperation and guidance for shipping and the active procedures of movement, routing, reporting, convoy organization, and tactical diversion of allied merchant shipping in time of crisis. **(JP 1, 1-02, 3-0, NDP 1, 4, NWP 1-02, NTTP 3-07.12)**

M1	Percent	Of shipping closes into positions on OPLAN time lines.
M2	Percent	Of shipping arrives at destination undamaged by enemy systems.
M3	Percent	Of shipping delayed or diverted due to enemy systems.

NTA 1.1.2.2 Move Embarked Forces

To move forces from point of embarkation to operational area. **(JP 1, 3-01, 3-02 Series, 4-01.2, NDP 1, 4, NWP 3-02 Series, 4-01)**

M1	Time	To clear seaport of debarkation (SPOD) of a shipment of personnel for deployment.
M2	Number	Personnel per day moved by host-nation support to their marshaling areas.
M3	Percent	Of forces moved from point of debarkation to AO within established timelines.

NTA 1.1.2.3 Move Units

To coordinate and execute the movement of ships, aircraft, or ground forces. **(JP 1-02, NDP 1, 5, 6, NWP 3-02 Series)**

M1	Time	To commence movement.
M2	Time	To complete movement.
M3	Percent	Of personnel at destination on schedule.

NTA 1.1.2.3.1 Sail Ship from Port, Anchorage, or Moorage

To get a ship underway from its place of moorage to sea. This task includes safe and efficient execution of all procedures applicable to getting underway including navigation procedures, rules of the road, and emergency procedures. **(NDP 1, 4, NWP 1-02, 3-02 Series, 4-01)**

M1	Time	Delay in sailing.
M2	Percent	Of ships ready to sail on schedule.
M3	Number	Of ships unable to sail.

NTA 1.1.2.3.2 Return Ship to Port, Anchorage, or Moorage

To sail a ship from sea or other underway operations to a moorage or anchorage. This task includes safe and efficient execution of all procedures applicable to getting underway including navigation procedures, rules of the road and emergency procedures. **(NDP-1, 4, NWP 1-02, 3-02 Series, 4-01)**

M1	Time	Delay in returning.
M2	Percent	Of ships returning on schedule.
M3	Percent	Of fully qualified or interim qualified watch standers.

NTA 1.1.2.3.3 Conduct Flight Operations

To conduct fixed-wing, tilt-rotor, and helicopter flight operations from shore airfields, including expeditionary airfields, and from aboard ship, providing safe all weather air operations. **(JP 3-04.1, MCWP 3-31.5, NWP 3-02.1, 3-04.1M, 3-22 Series)**

M1	Percent	Sorties completed with spares.
M2	Incidents	Of missions degraded due to ship's inability to launch aircraft safely.
M3	Number	Of qualified antisubmarine/antisurface tactical air controllers (ASTACs).

NTA 1.1.2.3.3.1 Conduct Aviation Qualification

To qualify pilots and other air wing crews in flight operations, especially landing operations, around and aboard ships. **(NAVAIR 00-80 T-105 CV NATOPS Manual.)**

M1	Percent	Of air wing pilots Day-VFR qualified
M2	Percent	Of air wing naval flight officers (NFOs) Day-VFR qualified
M3	Time	Required to complete required percentage of aviation qualifications in order to conduct combat operations.

NTA 1.1.2.3.3.2 Launch Aircraft

To launch aircraft from ships. This task covers all fixed-wing, tilt-rotor, and helicopter aircraft launch operations from ships, surface combatants and all other applicable sea vessels. This task requires the safe and efficient execution of all procedures applicable to launch, including: pre-launch procedures, launch procedures, instrument and visual departure procedures, departure communications procedures, departure rendezvous procedures, emergency recovery procedures, tanker procedures, and procedures for diversion of aircraft. **(JP 3-04.1, MCWP 3-31.5, NWP 3-04.1M, 3-22 Series)**

M1	Hours	To initiate launch.
M2	Number	Of aircraft available.
M3	Number	Of aircraft launched.

NTA 1.1.2.3.3.3 Recover Aircraft

To recover aircraft onboard ships. This task covers all fixed-wing, tilt-rotor, and helicopter aircraft recovery operations on combat support ships, surface combatants and all other applicable sea vessels. This task requires the safe and efficient execution of all procedures applicable to recovery, including: arrival procedures, marshal procedures, instrument and visual approach procedures, arrival communications procedures, emergency landing procedures, tanker procedures, and procedures for diversion of aircraft. **(JP 3-04.1, MCWP 3-31.5, NWP 3-04.1M, 3-22 Series)**

M1	Number	Of aircraft launched/recovered.
M2	Time	To initiate recovery.
M3	Time	To complete recovery.

NTA 1.1.2.3.3.3.1 Rig and Operate CV/CVW with MOVLAS

To land aircraft on board the CV using a manually operated visual aids landing system (MOVLAS). **(NAVAIR 00-08T-113 Aircraft Signals NATOPS Manual, NAVAIR 00-80T-105 CV NATOPS Manual)**

M1	Percent	Boarding rate (day)
M2	Percent	Boarding rate (night)
M3	Minutes	To rig MOVLAS

NTA 1.1.2.3.4 Conduct Convoy Operations

To move ground and support forces over land by convoy. **(JP 4-0, NDP 4, NWP 4-01)**

M1	Percent	Of equipment transferred.
M2	Y/N	Was equipment moved IAW commander's guidance?
M3	Y/N	Was the convoy completed in sufficient time to meet the operational commander's timeline?

NTA 1.1.2.3.5 Conduct Wet Well Operations

To conduct wet well operations to include ballasting, de-ballasting, launch and recovery of landing craft air cushion (LCAC), landing craft utility (LCU), amphibious assault vehicles (AAVs), and other landing craft and support craft, which may be embarked in the well deck, providing safe all weather operations. (JP 3-02 Series, NWP 3-02.1, NWP 3-02.12)

M1	Percent	Of watch standers qualified or interim qualified.
M2	Hours	Hours in advance of wet well operations to conduct wet well briefing.
M3	Y/N	Was the well deck certified?

NTA 1.1.2.3.6 Control Landing Craft

To conduct positive control of all landing and support craft which are operating between amphibious ships and either the beach or other ships. (JP 3-02 Series, NWP 3-02 Series, SEAOPS Vol 3)

M1	Hours	Required to complete wet well operations.
M2	Number	Of watch teams completed boat control team trainer.
M3	Hours	To conduct ops brief prior to boat operations.

NTA 1.1.2.3.7 Conduct Small Boat Operations

To operate small boats to include the launch, recovery, loading, and unloading of small boats. (JP 3-02 Series, NWP 3-02.1, 3-02.12, 3-05 Series, 3-20 Series)

M1	Percent	Of required boat ops completed.
M2	Hours	To conduct boat ops safety briefing prior to boat ops.
M3	Hours	To launch or recover small boats.

NTA 1.1.2.3.8 Conduct Submerged Operations

To conduct operations beneath the sea surface. This task includes the safe and efficient execution of all procedures applicable to submerging, and submerged (including periscope depth operation for submarines) to conduct other assigned tasks, and landing, docking, and surfacing upon completion of submerged operations. (JP-1 Series, NDP-1, 2, 4, 6, NWP 3-21 Series)

M1	Y/N	Unit rig for dive ops properly completed.
M2	Y/N	Unit properly surfaces at designated surface point.
M3	Y/N	Unit remains within designated water space.

NTA 1.1.2.4 Conduct Tactical Insertion and Extraction

To deliver and extract personnel and equipment. Includes, but is not limited to, parachute (static line or free fall), fastrope, rappel, special purpose insertion/extraction (SPIE), and combat rubber raiding craft, lock-in/lock-out from submerged submarines and other underwater vehicles. (JP 3-05, 3-05.1, NWP 3-05 Series, 3-10 Series, FM-31-19, FM-220, TC 21-24)

M1	Time	Between warning order and execution.
M2	Casualties	During operation.
M3	Time	Delay in establishing required communications with personnel to be extracted.

NTA 1.1.2.5 Employ Remote Vehicles

To operate vehicles such as robots, drones, unmanned underwater vehicles (UUVs), unmanned aerial vehicles (UAVs), and other devices from a local control station. This task includes deployment, launch, control, and recovery operations. (NWP 3-0, NWP 3-15 Series, NWP 3-55.12)

M1	Hours	To respond to emergent tasking.
M2	Percent	Of mission time controller remains in communication with remote vehicle.
M3	Number/day	Of remote vehicle missions conducted successfully.

NTA 1.2 Navigate and Close Forces

To determine the optimum track for the movement of naval forces in tactical formations, to overcome the challenges presented by terrain, obstacles, enemy area denial efforts including mines, and weather, and to complete movement or deployment of naval forces into a tactical position. To include determining distance, direction, location, elevation/altitude, route, data for navigational aids, orientation, and rate of movement. (JP 1, 3-0, 3-02 Series, NDP 1, NWP 3-02 Series, 3-20 Series, MCWP 0-1)

M1	Knots	Rate of movement.
M2	Percent	Of maneuver force concentrated at decisive point prior to detection.
M3	Percent	Of supporting force concentrated at desired point prior to detection.

NTA 1.2.1 Establish Force Area Operations Coordination

To provide for coordination of movement among force elements. This task ensures all naval forces share a common relevant picture of the battlespace for the purpose of deconflicting movement of air, sea, and land forces. (JP 3-0, 5-0, 6-0, NDP 1, 6, NWP 1-02, 1-03.41, 3-56 Series, 6-02.5, NTTP 3-02.2)

M1	Hours	For the force to transition to or from operational battle formation.
M2	Percent	Of logistics in place on schedule.
M3	Time	From planned execution time, the force is transitioned to or from operational battle formation.

NTA 1.2.1.1 Establish a Plan for Water Space Management and the Prevention of Mutual Interference

To provide for water space management to prevent inadvertent attacks against friendly forces and mutual interference between subsurface, surface, and other force elements. Other force elements includes items such as towed sonar array, mine countermeasures, or other towed objects at subsurface depths including torpedoes, ordnance, fuel tanks, etc. (JP 1, 3-0, NDP 1,6, NWP 3-15, 3-21, 3-21.0 Rev A, 3-21.1.2 TP, 3-21.3, AHP-1, 6, ATP-1(D), ATP-28, APP-4, USCINCLANT OPOD 2134, CINCLANTFLT OPOD 2000, COMSEVENTHFLT/COMTHIRDFLT OPOD 201, COMSUBLANT/COMSUBPAC JOINT OPOD 2000/201)

M1	Percent	Incidents where proper water space management was inadequate.
M2	Number	Incidents of collision with other underwater objects.
M3	Hours	In advance of operations Notices to Mariners published to ALCON agencies.

NTA 1.2.1.2 Conduct Air Space Management and Control

To deconflict and control friendly/neutral air assets. **(JP 1, 3-0, NDP 1, NWP 3-01 Series, 3-04.1M, 3-56.1 Rev A, 3-20.4, 3-55.12, 3-56.3)**

M1	Number	Incidents where proper coordination of movement was not adequate.
M2	Hours	In advance of operations Notices to Airmen (NOTAMS) published to ALCON agencies.
M3	Percent	Air assets (subject to airspace management plan) employed in accordance with the OPLAN

NTA 1.2.1.3 Establish Amphibious Objective Area (AOA) or Area of Operations (AO)

To provide tactical control within a defined operational area (OA) inside of which amphibious operations will be conducted. This task deconflicts forces conducting ship-to-shore movement or ship-to-objective maneuver, integrates these forces into the naval force's tactical picture, and coordinates ship-to-objective maneuver with fire support and mine hunting/clearance measures. It includes promulgation of necessary operational and tactical information to put the AOA or AO into effect. **(JP 1, 3-0, 3-02, 3-02.1, NDP 1, 6, NWP 3-02 Series, 3-10, 4-04.1, 5-01 Rev A, NTTP 3-02.2, FMFM 1-12, FMFM 1-14)**

M1	Percent	Of identified decisive points and enemy geographic centers of gravity within OA under friendly control at operational end state.
M2	Percent	Of combat power lost due to enemy action.
M3	Number	Operations delayed/canceled due to enemy attack during execution.

NTA 1.2.1.4 Establish Procedures for Control and Conduct of Relief Operations

To plan, establish procedures, and control and conduct replacement of one unit for another to conserve the combat power and effectiveness of the element being relieved, to ensure maintenance of the initiative in a tactical situation, or as part of the tactical plan. This may take the form of a relief in place, a passage of lines, or a withdrawal through a rearward position. Relief in place is when all or part of a unit is replaced in a combat area by an incoming unit. Passage of lines is when an incoming unit attacks through a unit, which is in contact with the enemy. Withdrawal through a rearward position is when a unit effecting a retrograde movement passes through the sector of a unit occupying a rearward defensive position. **(JP 3-0, 3-02, 3-02.1, NDP 1, NWP 3-06M, NTTP 3-02.2, FMFM 6-3)**

M1	Number	Lives lost in conduct of relief.
M2	Hours	To complete relief.
M3	Number	Equipment exchanged between units.

NTA 1.2.1.5 Determine Command Relationships for the Force

To determine the command authorities to be observed between all components of the force during all phases of the anticipated operation. The command relationships include the joint authorities of support, tactical control (TACON), and operational control (OPCON) and will be designated by the establishing authority of the operation. **(JP 0-2, 3-0, 3-02, NDP 3, NWP 1-02, 3-56 Rev A, MCWP 0-1)**

M1	Time	To establish command relationships.
M2	Incidents	Where command relationships were not understood.
M3	Y/N	Were command relationships identified in the planning to support the mission?

NTA 1.2.2 Stage Forces

To assemble the appropriate elements within assigned ships, aircraft, and vehicles for movement prior to tactical maneuver. This task includes staging forces in preparation for joining with pre-positioned equipment, positioning forces in a holding area, performing final checks, debarking amphibious, MPF, or military sealift ships to load into landing craft, moving to attack points, and establishing initial tactical formations. **(NDP 1, NWP 3-02 Series, FMFM 1-8)**

M1	Time	For maneuver force to transition to or from operational formation.
M2	Time	For NEF shipping to transition to or from landing formations.
M3	Percent	Of required logistics in place on schedule.

NTA 1.2.3 Conduct Hydrographic Surveys

To conduct pre-landing surveys of planned beaches/landing sites/ports to determine ability to support amphibious operations. Hydrographic surveys may be conducted covertly and/or clandestinely. Survey of port facilities to support offload of shipping, and survey of sites for emplacement of joint logistics over-the-shore/logistics over-the-shore (JLOTS/LOTS) may be conducted overtly by subject matter experts. To include: Bottom mapping of sea lines of communications (SLOC) and surveys of seaports of debarkation/embarkation (SPOD/SPOE) and Q-routes to support mine countermeasures operations. **(JP 3-0, 3-02, 4-0, MCWP 2-15.3, NDP 1, 2, NWP 1-14M, 3-02 Series, 3-05 Rev D, 3-10, 3-15, 5-01 Rev A, 3-59.1)**

M1	Time	Force is delayed due to inadequate hydrographic surveys.
M2	Percent	Of hydrographic surveys performed meet operational requirements.
M3	Number	Personal injuries/casualties occur during hydrographic surveys.

NTA 1.2.4 Perform Surf Observations (SUROBS)

To conduct observation of local surf conditions and enemy positions in a timely manner to provide commanders with necessary information to determine the ability of landing forces to conduct ship-to-shore movement. SUROBS may be conducted overtly for administrative purposes or conducted covertly and/or clandestinely for operational purposes. **(JP 3-0, 3-02, 3-02.1, MCWP 2-15.3, NDP 1, NWP 1-14M, 3-02 Series, 3-05 Rev D, 3-06.1, 3-13, 3-15 Series, 5-01 Rev A)**

M1	Time	Force is delayed awaiting surf data.
M2	Percent	Of SUROBS performed meet operational requirements.
M3	Number	Personal injuries/casualties occur during SUROBS.

NTA 1.2.5 Conduct Terrain Analysis

To analyze the planned operational area ashore. This includes conducting Site Surveys and analyzing the results to determine the physical characteristics of the operating environment. **(JP1, 3-0, 3-02 Series, 2-03, NDP 1, 2, NWP 3-02 Series, 5-01, FMFRP 0-50, OPNAVINST 3501.346.)**

M1	Time	Force delayed due to inadequate terrain analysis.
M2	Time	To produce terrain analysis.
M3	Percent	Of processed data useful for analysis.

NTA 1.2.6 Conduct Climatological and Meteorological Analyses

To determine climatological and meteorological conditions and limitations which may affect or impair operations (both afloat and ashore). To include weather observation, collection, analysis, forecasting, determination of tidal and current conditions, predicted surf conditions, storm evasion tracks, and storm sanctuary sites. **(JP 1, 2-0, 2-03, 3-0, 3-02, NDP 1, 2, 6, NWP 3 Series, FMFRP 0-50)**

M1	Hours	Force delayed due to incorrect climatological/ meteorological projections.
M2	Hours	To complete analysis.
M3	Percent	Of climatological/meteorological projections were accurate.

NTA 1.2.7 Conduct Tactical Oceanographic Analysis

To determine the characteristics of the ocean and ocean bottom in order to analyze all factors to determine their impact on naval tactics and operations. **(JP 3-59, NWP 3.59.1)**

M1	Minutes	To develop acoustic prediction.
M2	Percent	Predictions accurate.
M3	Time	To recognize change in acoustic conditions and update sonar search plan, weapons settings and tactics.

NTA 1.2.8 Conduct Tactical Reconnaissance and Surveillance

To conduct on-site reconnaissance of the enemy situation to confirm and validate the limiting and enhancing effects of terrain on enemy and friendly capabilities in order to minimize the threat (includes both overt and covert means). **(JP 1, 2-0, 3-0, NDP 1, 2, NWP 2-01, 3-55 Series, 3-05 Rev D, FMFM 3-21, FMFM 3-24, FMFM 5-10)**

M1	Time	Force delayed due to inadequate reconnaissance/surveillance.
M2	Y/N	Team location(s) correct.
M3	Number	Teams compromised/captured.

NTA 1.2.8.1 Conduct Route and Road Reconnaissance

To confirm historical data through on-site reconnaissance to determine critical routes, roads, and key terrain in a timely manner to determine impact on planned or contingency operations. This task includes both hasty and deliberate surveys in support of the landing force. **(JP 1, 2-0, 2-01, NDP 1, 2, NWP 2-01, 3-02 Series, 3-05 Rev D, FMFM 3-24, FMFM 5-10)**

M1	Time	Force delayed due to inadequate reconnaissance.
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M2	Y/N	Route/road confirmed.
M3	Time	To complete reconnaissance.

NTA 1.2.8.2 Conduct Helicopter Landing Zone Reconnaissance

To confirm historical data through on-site reconnaissance of a proposed helicopter landing zone (HLZ), site, or point. Normally a clandestine operation for determining the suitability of the objective area for helicopter operations. (JP 2-0, 2-01, NDP 1, 2, NWP 3-02 Series, 3-05 Rev D, FMFM 3-24, FMFM 5-10)

M1	Time	Force delayed due to late reconnaissance.
M2	Number	HLZ's confirmed.
M3	Time	Force delayed due to inadequate reconnaissance.

NTA 1.2.8.3 Conduct Airborne Reconnaissance and Surveillance

Support and conduct surveillance of enemy territory and geographic area for the purpose of determining enemy positions and composition. (JP 1, 2-0, NWP 3-55.11, 3-55.12)

M1	Time	To define air tasking and assets available.
M2	Time	To prepare flight mission briefs.
M3	Percent	Of surface CCOIs/COIs within assigned search area detected prior to entering the CIEA.

NTA 1.2.9 Perform Initial Terminal Guidance (ITG)

To perform initial terminal guidance for the conduct of air/surface operations for initial/follow-on landing forces utilizing visual/electronic navigational aids. Normally ITG tasks are conducted in a clandestine manner. (JP 1, 3-0, 3-02 Series, 3-05, NWP 1-02, 3-02 Series, 3-05 Rev D, FMFM 3-21)

Note: Also see NTA 3.2.8.2, *Illuminate/Designate Targets*.

M1	Time	Force delayed due to inadequate ITG.
M2	Time	Force delayed due to equipment failure.
M3	Number	ITG teams compromised/captured.

NTA 1.2.10 Conduct Beach Party Operations

To conduct beach party operations or provide naval element of the shore party to facilitate the loading and movement over the beaches of troops, equipment, and supplies, to assist the evacuation of casualties/prisoners of war or to salvage landing assets as required. (NWP 2-01, 3-02.1, 3-02.12, 3-05 Rev D, 3-07, NTTP 3-02.14 Rev A)

M1	Time	To establish beach party.
M2	Percent	Of required equipment operational
M3	Incidents	Where the beach party was not established in sufficient time to adequately support landing force operations

NTA 1.2.11 Conduct Navigation

To plan, record, and control the course of an individual, unit, vehicle, ship, or aircraft, or battle/strike group/force on ground, air, or sea. This includes maneuvering ships, aircraft and

other units into position to strike targets at sea, or to conduct amphibious operations at multiple locations. **(JP 1, 3-0, 3-02 Series, NDP 1, NWP 3-02 Series, 3-20 Series)**

M1	Incidents	Where unit was not at assigned position at designated time.
M2	Percent	Of events delayed due to navigational planning.
M3	Meters	Ship's accuracy for NSFS.

NTA 1.2.12 Maneuver in Formation

Tactically maneuver forces in formation. **(JP 1, 3-0, 3-02 Series, NDP 1, NWP 3-02 Series, 3-20 Series)**

M1	Y/N	Units maneuvered in accordance with tactical doctrine.
M2	Incidents	Of unsafe maneuvers.
M3	Incidents	Of missed communications delaying maneuver.

NTA 1.3 Maintain Mobility

To maintain freedom of movement for ships, aircraft, landing craft, personnel, and equipment in the battlespace without prohibitive delays due to terrain, weather (environmental effects), or barriers, obstacles, and area denial efforts including mines. **(JP 3-0, 3-02, 3-02.1, 3-15, NDP 1, 2, 6, NWP 3 Series, 3-15 Series, 3-20.1, FM 34-130)**

M1	Percent	Of casualties suffered while overcoming or bypassing obstacles.
M2	Percent	Increase in distance traveled due to obstacles.
M3	Percent	Reduction in average speed of movement due to obstacles.

NTA 1.3.1 Perform Mine Countermeasures

To detect, identify, classify, mark, avoid, neutralize, and disable (or verify destruction of) and exploit mines using a variety of methods including air, surface, and subsurface assets. **(JP 1, 3-0, 3-02, 3-15, NDP 1, NWP 3-15 Series)**

M1	Percent	Residual risk to friendly forces.
M2	Hours	To complete clearing of mines.
M3	NM ²	Cleared operations area.

NTA 1.3.1.1 Conduct Mine Hunting

To detect, locate, and mark mines that present a hazard to force mobility in an overt, covert, and/or clandestine manner. The employment of sensor systems (including air, surface, and subsurface assets) to locate and dispose of individual mines. Mine hunting is conducted to determine the presence or absence of mines in a given area. **(JP 1, 3-0, 3-15, NDP 1, NWP 3-15 Series, NTPP 3-15.21, 3-15.23, FMFM 13-7)**

M1	NM ²	Area searched.
M2	Hours	To complete marking of minefield.
M3	Number	Mine-like objects found.

NTA 1.3.1.1.1 Reacquire Minelike Contacts (MILC)

To reacquire a MILC using one or more of several search techniques, to include all surface, air and underwater techniques. (NWP 3-15 Series, NTTP 3-15.23)

M1	Percent	Of all minelike contacts reacquired
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NTA 1.3.1.1.2 Identify Minelike Contacts (MILC)

To identify a MILC through various observation techniques (i.e. divers' eyes-on, remotely operated vehicle (ROV) pictures, and live or recorded video) as either a mine or non-mine. (NWP 3-15 Series, NTTP 3-15.23)

M1	Percent	Accuracy of object identified.
M2	Percent	Of objects identified.

NTA 1.3.1.2 Conduct Minesweeping

To clear mines using either mechanical or influence sweep equipment. Mechanical sweeping removes, disturbs, or otherwise neutralizes the mine; influence sweeping produces either the acoustic and/or magnetic influence required to detonate the mine. (JP 1, 1-02, 3-0, 3-15, NDP 1, NWP 3-15 Series, NTTP 3-15.21, 3-15.22, 3-15.23, FMFM 13-7)

M1	NM ²	Area cleared of mines.
M2	Hours	To clear mines.
M3	Percent	Confidence of clearance.

NTA 1.3.1.3 Conduct Mine Neutralization

To render (by external means) mines incapable of firing on passage of a target, although the mines may remain dangerous to handle. (NWP 3-15 Series, MCRP 5-2A)

M1	Number	Of mines neutralized.
M2	Percent	Of mines neutralized.
M3	Incidents	Of ships hit by mines.

NTA 1.3.1.4 Conduct Mine Exploitation

To recover, disassemble, and exploit mines at an exploitation site separate from other units in order to gather intelligence on firing mechanisms and warhead design. (JP 1, 3-0, 3-15, NDP 1, NWP 3-15 Series)

M1	Y/N	Was exploitation successful?
M2	Casualties	To friendly forces caused by detonation of mines/explosives.
M3	Y/N	Was exploitation data properly disseminated?

NTA 1.3.2 Conduct Breaching of Minefields, Barriers, and Obstacles

To employ any means available to break through or secure a passage through an enemy defense, obstacle, minefield, or fortification. This enables a force to maintain its mobility by removing or reducing natural and man-made obstacles. (JP 1, 3-0, 3-02, 3-18, 3-15, NDP 1, NWP 3-02.1, 3-02.4, 3-15, 4-04.1)

M1	Casualties	Suffered while breaching mines, barriers, or obstacles.
M2	Percent	Reduction in speed of movement due to mines, barriers, or obstacles.
M3	Time	To breach or clear obstacles.

NTA 1.3.2.1 Mark Barriers and Obstacles

To use marking devices and/or personnel to identify and control barriers, obstacles, or contaminated areas in order to protect friendly forces and noncombatants. (JP 3-0, 3-07, 3-07.2, 3-10.1, 3-15, NDP 1, NWP 3-02 Series, 3-15 Series, NTTP 3-15.21, 3-15.41)

M1	Percent	Increase in distance traveled due to obstacles.
M2	Casualties	Suffered while overcoming or bypassing obstacles.
M3	Percent	Reduction in average speed of movement due to mines, barriers, or obstacles.

NTA 1.3.2.2 Clear Minefields, Barriers, and Obstacles

To provide for clearance of barriers and obstacles from an operational area. To remove and/or neutralize mines from a route or an area to prevent interference with friendly or neutral forces and noncombatants. (JP 1, 3-0, 3-15, NDP 1, NWP 3-15 Series, 4-04.1)

M1	Percent	Increase in distance traveled due to obstacles.
M2	Casualties	Suffered while overcoming or bypassing obstacles.
M3	Percent	Reduction in average speed of movement due to obstacles.

NTA 1.3.2.3 Transit Mine Threat Area

To move forces through a known mine threat area/swept channel utilizing approved Q-routes. (JP 3-0, NDP-1, NWP 3-15 Series)

M1	Percent	Reduction in average speed due to mines/obstacles.
M2	Minutes	Required to set material/tactical conditions of readiness.
M3	Time	To transit mine threat area.

NTA 1.3.2.4 Defeat Intrusion Detection Devices. To conduct threat assessment survey and passive and active diagnostics in order to identify, disrupt, and defeat anti-intrusion detection systems that impede or prevent the movement of the assault force to an objective or device. This includes all explosive ordnance disposal procedures required to conduct such action and render the system inoperative or hazard-free. (OPNAVINST 3501.97G, NWP 3-02.4, NTTP 3-02.5)

M1	Y/N	Was threat assessment survey completed in allocated time?
M2	Y/N	Was the intrusion detection system defeated in time to support assault force mission?
M3	Y/N	Were passive and active diagnostics conducted in accordance with unit SOP?

NTA 1.3.3 Enhance Force Mobility

To enhance the movement of the force from place to place while retaining its ability to fulfill its primary mission. It includes constructing, improving, and repairing piers, wharves, roads and trails, bridges, ferries, forward airfields and landing sites/zones, and by facilitating movement on routes (road and air traffic control; refugee and straggler control). This task also includes

clearing, dredging, and establishing aids to navigation (ATON) in required harbor areas. **(JP 1, 3-0, 4-0, 4-04, NDP 1, 4, NWP 4-04 Series)**

M1	Days	To construct/improve/repair required facilities.
M2	Percent	Increase in movement time due to facility enhancement requirements.

NTA 1.3.4 Conduct Icebreaking

To provide ice breaking or clearing service to maintain SLOCs, to ensure vessel access to port facilities and waterways, and to project U.S. national presence and protect U.S. national interests. **(JP 1, 3-0, 4-0, NDP 1, 4, NWP 4-01 Series, NWP 5-01 Rev A)**

M1	Knots	Rate of movement.
M2	Days	To respond to an event (e.g., natural disaster).
M3	Hours per day	Supplies transported.

NTA 1.4 Conduct Countermobility

To construct obstacles and employ area denial efforts including mines to delay, disrupt, and destroy the enemy. The primary purpose of countermobility operations is to slow or divert the enemy, to increase time for target acquisition, and to increase weapons effectiveness. **(JP 3-0, 3-02, 3-02.1, 3-07.3, 3-10, 3-15, 4-01.6, 5-00.2, NDP 1, NWP 3-15, 3-15.2, 3-15.31 Rev B, MCRP 5-2A, FMFM 13)**

M1	Hours	Delay in enemy force movements caused by mines/obstacles.
M2	Percent	Of enemy forces unable to reach their objective due to obstacles.

NTA 1.4.1 Conduct Mining

To use air, ground, surface, and subsurface assets to conduct offensive (deploy mines to tactical advantage of friendly forces) and defensive (deploy mines for protection of friendly forces and facilities) mining operations. **(JP 1, 3-0, 3-07, 3-07.2, 3-10.1, 3-15, NDP 1, NWP 3-15 Series, NTTP 3-15.31 Rev B)**

M1	Days	To develop obstacle/mining plan.
M2	Percent	Of enemy units delayed due to mining.
M3	Percent	Of enemy units damaged or destroyed due to mining.

NTA 1.4.1.1 Plan Minefields

To sequentially develop an integrated plan to emplace minefields which will effectively support the tactical plan. Planning consists mainly of establishing obstacle restrictions at higher-level units and detailed design and citing at lower level units. **(JP 1, 3-0, 5-0, 3-15, NDP 1, NWP 2-01, 3-13, 3-15 Series, 5-01 Rev A, NTTP 3-15.31 Rev B, FM 5-102, FMFM 13)**

M1	Days	To develop obstacle/mining plan.
M2	Number	Mines to accomplish minefields objectives.

NTA 1.4.1.2 Report Minefields

To document intention to lay, initiation of laying, completion of laying, and changes to minefields. **(JP 1, 3-0, 3-15, NDP 1, NWP 3-15 Series, NTTP 3-15.31 Rev B, FM 102, FMFM 13)**

M1	Days	To develop obstacle/mining plan.
M2	Number	Minefields constructed.

NTA 1.4.1.3 Record Minefields

To record conventional minefields to determine mines emplaced and their locations. **(JP 1, 3-0, 3-15, NDP 1, NWP 3-15 Series NTTP 3-15.31 Rev B, FM 5-102, FMFM 13)**

M1	Days	To record actual obstacles/mines emplaced.
M2	Percent	Accuracy of records

NTA 1.4.1.4 Mark Minefields

To identify minefields and cleared lanes through or around obstacles. This task contributes to momentum, confidence in the safety of the lane, and prevents casualties. **(JP 1, 3-0, 3-15, NDP 1, NWP 3-15 Series, NTTP 3-15.31 Rev B, FM 13-7, FMFM 13)**

M1	Days	To identify minefields and cleared land and sea lanes.
M2	Number	Minefields reported.
M3	Time	To complete marking of minefield.

NTA 1.4.2 Place Barriers and Obstacles

To strengthen the existing operational area to slow, stop, or channel the enemy. Actions under this task could include planning, reporting, recording of barriers and obstacles, removal of aids to navigation, and placement of navigational hazards. **(JP 1, 3-0, 3-07, 3-07.2, 3-10.1, 3-15, NDP 1, NWP 3-15 Series, NTTP 3-15.31 Rev B, FMFM 13)**

M1	Casualties	Suffered during emplacement of obstacles/mines.
M2	Number	Barriers and obstacles emplaced.

NTA 1.4.3 Mark Barriers and Obstacles

To use marking devices (including signs, posts, flags, etc.) and/or personnel to identify and control barriers, obstacles, or contaminated areas in order to protect friendly forces and noncombatants. **(JP 3-0, 3-07, 3-07.2, 3-10.1, 3-15, NDP 1, NWP 3-15 Series, NTTP 3-15.31 Rev B, FMFM 13)**

M1	Casualties	Suffered during emplacement of barriers/obstacles.
M2	Number	Barriers and obstacles emplaced.

NTA 1.4.4 Detonate Mines/Explosives

To cause the explosion and the resulting destruction of enemy personnel, vehicles, aircraft, vessels (ships and submarines), obstacles, facilities, or terrain. **(JP 1, 3-0, 3-02, 3-05, 3-15, NDP 1, NWP 3-02.4, 3-05 Series, NTTP 3-02.5)**

M1	Hours	Delay in enemy force movements caused by detonation of mines/explosives.
M2	Percent	Of enemy casualties due to detonation of mines/explosives.
M3	Casualties	To noncombatants due to detonation of mines/explosives.

NTA 1.4.5 Conduct Blockade

To blockade designated areas in conjunction with U.S. policy. **(JP 1, 3-0, 3-04, 5-00.2, NDP 1, NTTP 3-07.11)**

M1	Percent	Of vessels located.
M2	Percent	Of vessels identified.
M3	Percent	Of vessels boarded.

NTA 1.4.6 Conduct Maritime Interception

To intercept commercial, private or other non-military vessels and conduct Visit, Board, Search and Seizure (VBSS) procedures. Includes operations to counter smuggling and/or resource exploitation based on the authority of the United Nations or other sanctioning body. **(JP 1, 3, 3-04, 3-07, 3-07.3, NDP 1, NWP 3-06 Series, NTTP 3-07.11, CG Maritime Law Enforcement Manual (COMDTINST M16247.1))**

M1	Lb.	Of contraband confiscated or destroyed per week.
M2	Percent	Of targeted forces interdicted.
M3	Percent	Reduction in flow of all supplies to (or from) a targeted nation.

NTA 1.4.6.1 Conduct Visit

To board a ship, aircraft, or other vessel or transport to inspect and examine the vessel's papers or examine it for compliance with applicable resolutions or sanctions. **(JP 1, 3-0, 3-04, 3-07, 3-07.3, NDP 1, NTTP 3-07.11)**

M1	Hours	Between directing vessel to heave to and placing boarding team aboard.
M2	Percent	Of vessels complying with orders to heave to.
M3	Percent	Of vessels with valid documentation.

NTA 1.4.6.2 Conduct Search

To inspect or examine a ship or other vessel to determine compliance with applicable resolutions or sanctions. **(JP 1, 3-0, 3-04, 3-07, 3-07.3, NDP 1, NTTP 3-07.11)**

M1	Hours	Time to conduct vessel search.
M2	Percent	Of vessel cargo accessible to boarding party.
M3	Percent	Of vessels complying with orders of search team.

NTA 1.4.6.3 Conduct Seizure

To confiscate or take legal possession of vessel and contraband (goods or people) found in violation of resolutions or sanctions. **(JP 1, 3-0, 3-04, 3-07, 3-07.3, NDP 1, NTTP 3-07.11)**

M1	Percent	Vessels complying with seizure orders.
M2	Pounds	Of contraband seized.
M3	Number	Of persons detained during seizure of vessel.

NTA 1.4.6.4 Escort Detained Vessels

To escort detained vessels and ensure health, safety, and welfare of detained crew until turned over to appropriate legal authorities. **(JP 1, 3-0, 3-04, 3-07, 3-07.3, NDP 1, NTTP 3-07.11)**

M1	Hours	Time vessel is under escort by friendly forces.
M2	Number	Of vessel crew in poor health or suffering injury.
M3	Hours	Friendly forces are taken off station due to escort.

NTA 1.4.6.5 Stop/Neutralize Noncompliant Vessels

To seize and secure a ship or vessel that is resisting the attempt to board and search. **(JP 1, 3-0, 3-04, 3-07, 3-07.3, NDP 1, NTTP 3-07.11)**

M1	Number	Of vessel crew injured during take down.
M2	Number	Of vessel crew killed during take down.
M3	Hours	Needed to secure vessel during take down.

NTA 1.4.7 Enforce Exclusion Zone

To use necessary means to deny use of an air or sea area to a designated force or forces. **(JP 1, 3-0, 3-07, 3-07.3, NDP 1, NWP 1-14M, NTTP 3-07.11)**

M1	Number	Vessels located.
M2	Number	Vessels identified.
M3	Number	Vessels boarded.

NTA 1.4.8 Conduct Maritime Law Enforcement

To patrol and intercept vessels for potential boarding, inspection, and possible search, and seizure in order to enforce applicable U.S. law (e.g. counterdrug, fisheries, pollution, boating safety, or immigration). Foreign laws may be enforced with the approval of the flag state. **(JP 1, 3-0, 3-07, 3-07.4, NDP 1, NWP 1-14M, 3-07, NTTP 3-07.11, Coast Guard Maritime Law Enforcement Manual (COMDTINST M16247.1))**

Note: Coordination with all applicable agencies to provide vessels and qualified boarding teams to intercept, board, and search vessels suspected of smuggling drugs, alien migrants, or other contraband is covered under tasks SN 8.3.1 *Coordinate and Control Policy for the Conduct of Operations*; ST 8.5.3 *Establish Theater Interagency Cooperation Structure*; and OP 4.7.3 *Provide Support to DOD and other Government Agencies*. Obtaining legal authority from host nation to conduct boardings within their territorial waters and/or authority from vessel's flag state to board vessels outside territorial waters, unless a consensual boarding is authorized by the vessel's master, is covered under task ST 8, *Develop and Maintain Alliance and regional Relations*.

M1	Days	Of patrol effort dedicated to maritime law enforcement (MLE) operations.
M2	Percent	Target vessels intercepted and boarding.
M3	Percent	Boarded vessels seized.

NTA 1.4.8.1 Conduct Alien Migrant Interdiction Operations

To intercept alien migrants at sea, rescue them from unsafe conditions, and prevent their passage to US waters and territory. **(JP 1, 3-0, 3-07, NDP 1, NWP 3-07, 3-07.4, Coast Guard Maritime Law Enforcement Manual (COMDTINST M16247.1))**

M1	Percent	Of scheduled and unscheduled transport (known to be carrying alien migrants) not allowed to enter or leave quarantine area.
M2	Percent	Of targets accurately identified and located.
M3	Number	Vessels intercepted.

NTA 1.4.8.2 Conduct Maritime Counterdrug Operations

To coordinate with all applicable agencies to detect and monitor vessel and air traffic and provide vessels and qualified boarding teams to intercept, board, inspect, search, and as appropriate seize, vessels suspected of smuggling drugs. **(JP 1, 3-0, 3-07, 3-07.4, NDP 1, NWP 3-07, 3-07.4, Coast Guard Maritime Law Enforcement Manual (COMDTINST M16247.1))**

M1	Incidents	Of unresolved crimes.
M2	Number	Prisoners held in confinement.
M3	Lb.	Of drugs confiscated or destroyed per week.

NTA 1.5 Dominate the Operational Area

To dominate or control land, airspace, and/or sea space to prevent enemy or other force occupation or use of the area through fire, fire potential, or occupation. **(JP 1, 3-0, 3-02 Series, 3-03, 3-18, 3-52, NDP 1, NWP 3-01.12 Rev A, 3-20 Series, 3-21.0, 6-00.1)**

M1	Percent	Of air operations delayed or canceled due to lack of an air superiority umbrella.
M2	Percent	Of joint force forces operating within areas under control of friendly ground forces.
M3	Percent	Of operationally significant areas currently controlled by friendly forces.

NTA 1.5.1 Control or Dominate the Area Through Employment of Combat Systems

To use combat systems or the threat of combat systems on or in a geographic land area or ocean area to prevent the enemy or other forces from occupying or using the area, and permit friendly forces to occupy or use the area, including the introduction of amphibious forces. Dominate a land area, airspace, or sea space to prevent enemy or other force occupation or use of the combat area through fire, fire potential, or occupation. **(JP 1, 3-0, 3-02 Series, 3-03, 3-09 Series, NDP 1, NWP 3-01.12 Rev A, 3-20 Series, FMFM 3 Series, FMFM 6)**

M1	Percent	Of identified decisive points and enemy geographic centers of gravity within the OA, under friendly control at operational end state.
M2	Percent	Of force engaged in rear area security/local security.
M3	Days	Between enemy attacks on areas controlled by friendly forces.

NTA 1.5.1.1 Maneuver Naval Forces

To move available units, personnel and equipment, and combat systems into appropriate locations to conduct screening, attack, or provide battlespace dominance. Includes conducting ship-to-shore or ship-to-objective maneuver to gain a tactical advantage over the enemy in terms of both time and space or to place them in a desired position for other purposes, such as safe

navigation of units in formation, preparation to conduct along side replenishment or refuel from other aircraft, or conduct coordinated search operations (**JP 1, 3-0, 3-02 Series, 3-03, 3-52, NDP 1, NWP 3-05 Rev D, 3-06.1, 3-06M, 3-20 Series, MCDP 1, MCDP 3, MCWP 3-0, SEA POWER 21)**)

M1	Percent	Of identified decisive points and enemy geographic centers of gravity within the OA under friendly control.
M2	Percent	Of scheduled sorties launched.
M3	Time	Between enemy attacks on areas controlled by friendly forces.

NTA 1.5.1.2 Occupy Battlespace

To physically position forces on the sea, on the ground, or in the air, thus dominating these areas and preventing the enemy from doing so. It includes enforcing exclusion zones, occupying fighting or support positions, and control of specific sea-lanes, choke points, and river waterways. (**JP 1, 3-0, 3-02, 3-02.1, NDP 1, NWP 3-01.01, 3-05 Rev D, 3-06.1, 3-06M, 3-10 Rev A, 3-10.3, 3-15, 3-20.1, 3-20.6, 3-21.0 Rev A, NTTP 3-02.2, 3-07.11)**)

M1	Percent	Of identified decisive points and enemy geographic centers of gravity within the JOA, under friendly control at operational end state.
M2	Percent	Of force engaged in rear area security.
M3	Time	Between enemy attacks on areas controlled by friendly forces.

NTA 1.5.1.3 Integrate Forces. To integrate a force in support of special operations, combat and maneuver, or other missions, while executing own unit’s specialized tasks. This includes integration with a supported service, joint task force, or agency, and requires active participation in the execution of the supported force’s assigned mission as required. The integration of forces may support mission tasks such as attacks, raids, assaults, MIO, direct action, patrols, surveillance, humanitarian relief, and counter-terrorism operations. (**JP 3-05.1, JP 3-07.2, JP 3-10, JP 3-10.1, NWP 3-09.2, NWP 3-11.23, NTTP 4-01.3, MCWP 0-1, MCWP 3-11.3, MCWP 3-33.5, MCDP 1-0, MCRP 3-41.1A, MCWP 3-21.1, 3-41.1, FM 3-90, FM 21-75)**)

M1	Y/N	Were proper immediate actions taken upon detecting direct fire?
M2	Seconds	To respond to enemy fire.
M3	Number	Friendly casualties due to improper training in small unit tactics, techniques, and procedures.

NTA 1.5.2 Conduct Amphibious Operations

To conduct a military operation launched from the sea by a naval and landing force embarked in ships or craft, with the principal purpose of projecting the landing force ashore tactically into an environment ranging from permissive to hostile (**JP 1, 1-02, 3-0, 3-02, 3-02.1, NDP 1, NWP 3-02.1, 3-05 Rev D, 3-06.1, 3-06M, NTTP 3-02.2, FMFM 1-2, FMFM 6)**)

M1	Percent	Of identified decisive points and enemy geographic centers of gravity within the OA, under friendly control at operational end state.
M2	Percent	Of force engaged in rear area security.
M3	Time	Between enemy attacks on areas controlled by friendly forces.

NTA 1.5.2.1 Conduct Ship-to-Shore or Ship-to-Objective Maneuver

To conduct ship-to-shore or ship-to-objective maneuver to gain a tactical advantage over the enemy in terms of both time and space. Maneuver is not aimed at the seizure of a beach, but builds upon the foundations of expanding the battlespace. (JP 1, 3-0, 3-02 Series, 3-02.1, NDP 1, NWP 3-02.1, FMFM 6)

M1	Percent	Of identified decisive points and enemy geographic centers of gravity within the OA, under friendly control at operational end state.
M2	Percent	Of force engaged in rear area security.
M3	Time	Between enemy attacks on areas controlled by friendly forces.

NTA 1.5.2.1.1 Deploy Coordinated Strike Forces

To employ combined arms attacks of varying size, frequency, and composition to achieve operational effect. (JP 1, 3-0 Series, NWP 3-02.1, 3-05 Rev D, 3-06.1, NTTP 3-02.2, FMFM 6)

M1	Time	Required to deploy forces.
M2	Percent	Of forces ready to deploy as scheduled.

NTA 1.5.2.1.2 Support Coordinated Strike Forces

To support combined arms attacks from the sea without establishing bases ashore. (JP 1, 3-0 Series, NWP 3-02.1, NTTP 3-02.2, FMFM 6)

M1	Percent	Of forces ready to provide support.
M2	Number	Of supporting forces required.

NTA 1.5.2.2 Conduct an Amphibious Assault

To conduct an amphibious operation that involves establishing a force on a hostile or potentially hostile shore. (JP 1, 3-0, 3-02, 3-02.1, 3-04.1, 5-00.2, NDP 1, NWP 3-02 Series, 3-02.1, 3-02.3, 3-05 Rev D, 3-06.1, 3-06M, NTTP 3-02.2, FMFM 6)

M1	Percent	Of identified decisive points and enemy geographic centers of gravity within the OA, under friendly control at operational end state.
M2	Days	Between enemy attacks on areas controlled by friendly forces.
M3	Number	Operations delayed/canceled due to enemy attack during execution.

NTA 1.5.2.2.1 Conduct Forcible Entry in Amphibious Objective Area (AOA) or Area of Operations (AO)

To seize and hold a tactical lodgment within AOA or AO, opposed or unopposed, to strike directly at an enemy's critical vulnerabilities, or to gain access into an AOA or AO and conduct decisive operations. Forcible entry into an area may be applicable for military operations other than war (MOOTW), e.g., secure an area for peace enforcement forces or non-combatant evacuation. (JP 3-0, NWP 3-05 Rev D, 3-06.1, 3-06M, MCWP 0-1)

M1	Number	Of forces required for the operation.
M2	Time	Required to prepare forces.

NTA 1.5.2.2.2 Seize and Hold Lodgment. To attack and secure a designated area in a hostile or threatened area, which ensures the continuous landing of troops and materiel and provides the maneuver space necessary for projected operations to be supported and extended throughout the area of operations. **(MCWP 0-1, FM 100-15, 100-5, JP 3-0)**

M1	Days	Until APOD/SPOD infrastructure will support introduction of follow-on forces IAW operational time lines (after initial insertion).
M2	Days	Until APOD/SPOD secured from direct fire and observed indirect fire for follow-on forces (after initial insertion).
M3	Percent	Of sea-based assets available as part of overall logistical requirement needed to support operational scheme of maneuver.

NTA 1.5.2.2.3 Buildup the Force. To rapidly buildup from an initial small power base to a force capable of securing and protecting the lodgment area (and units within it) against enemy counterattacks and hostile acts by nonmilitary elements of the local population. To buildup a logistics organization within the lodgment area to support operations. **(JP 3-0, MCWP 0-1)**

M1	Days	Until APOD/SPOD infrastructure will support introduction of follow-on forces IAW operational time lines (after initial insertion).
M2	Days	Until APOD/SPOD secured from direct fire and observed indirect fire for follow-on forces (after initial insertion).
M3	Percent	Of sea-based assets available as part of overall logistical requirement needed to support force build-up.

NTA 1.5.2.2.4 Stabilize the Lodgment. To preempt or defeat enemy counterattacks in the lodgment area, expand the initial entry point(s) for the continuous and uninterrupted flow of additional forces and materiel into the area and provide sufficient space for freedom of action by the tactical forces. To sequence combat, SOF, CS and CSS forces into the lodgment area. To link the force with combat forces within or external to the lodgment area. **(JP 3-0, MCWP 0-1, FM 100-5, 100-15)**

M1	Days	Until shore forces have air and missile defense other than from sea-based assets (after initial insertion).
M2	Hours	Until APOD/SPOD infrastructure supports introduction of follow-on forces (after initial insertion).
M3	Hours	Until APOD/SPOD secured from direct fire and observed indirect fire for follow-on forces (after initial insertion).

NTA 1.5.2.2.5 Insert Follow-On Forces. To enter follow-on forces into the lodgment area to breakout and continue operations to accomplish the final objectives of the operation or, if necessary, to help secure the lodgment before continuing the operation. **(MCWP 0-1, FM 100-15)**

M1	Days	Until APOD/SPOD have air and missile defense other than from sea-based assets (after initial insertion).
M2	Hours	Until APOD/SPOD infrastructure supports introduction of follow-on forces (after initial insertion).
M3	Hours	Until APOD/SPOD secured from direct fire and observed indirect fire for follow-on forces (after initial insertion).

NTA 1.5.2.3 Conduct an Amphibious Demonstration. To employ amphibious forces for the purpose of deceiving the enemy by a show of force with the expectation of deluding the enemy into taking a course of action unfavorable to him. **(JP 1, 3-0, 3-02, 3-02.1, NDP 1, NWP 3-02.1, 3-05 Rev D, 3-06.1, 3-06M, NTTP 3-02.2, MCWP 0-1, FMFM 6)**

M1	Days	Between enemy attacks on areas controlled by friendly forces.
M2	Percent	Of naval operations in the joint operations area (JOA) delayed/canceled due to enemy attacks during execution.
M3	Percent	Of enemy forces maneuvered in response to demonstration.

NTA 1.5.2.4 Conduct an Amphibious Raid

To employ amphibious forces for the purpose of making a swift incursion into or temporary occupation of an objective followed by a planned withdrawal. **(JP 1, 3-0, 3-02, 3-02.1, NDP 1, NWP 3-02.1, 3-05 Rev D, 3-06.1, 3-06M, NTTP 3-02.2, MCWP 0-1, FMFM 2, 1-23, 6, 7-32)**

M1	Percent	Of operations in OA, delayed/canceled due to enemy attacks during execution.
M2	Percent	Of critical terrain features under control of friendly forces.
M3	Percent	Of air operations in OA delayed/canceled due to enemy actions during execution.

NTA 1.5.2.5 Conduct an Amphibious Withdrawal

To employ amphibious forces for the purpose of extracting forces by sea in naval ships or craft from a hostile or potentially hostile shore. **(JP 1, 3-0, 3-02, 3-02.1, NDP 1, NWP 3-02.1, NTTP 3-02.2, MCWP 0-1, FMFM 2, 1-13, 6)**

M1	Time	Between enemy attacks on areas controlled by friendly forces.
M2	Number	Operations delayed/canceled due to enemy attack during execution.
M3	Percent	Of operations in OA delayed/canceled due to enemy attacks during execution.

NTA 1.5.3 Conduct Attack

To take offensive action characterized by coordinated movement supported by fire to defeat, destroy, or neutralize the enemy. Attack includes hasty, deliberate, spoiling and counter-attacks, reconnaissance in force, raids, feints, and demonstrations. Forms of maneuver for conducting attack include frontal attack, penetration, infiltration, flank attack, envelopment (single and double), and turning movement. **(JP 3-0, NWP 3-05 Rev D, 3-06.1, 3-06M, MCWP 0-1)**

M1	Casualties	Of attacking forces, depicted in percentage and total numbers.
M2	Percent	Of high-payoff or high priority targets (HPTs) damaged or destroyed by offensive action.
M3	Percent	Of enemy force held in position.

NTA 1.5.3.1 Conduct Hasty Attack

To conduct an attack in land operations in which preparation time is traded for speed in order to exploit an opportunity. **(JP 3-0, MCWP 0-1)**

M1	Casualties	Of friendly forces, depicted in percentage and total numbers.
M2	Percent	Of decisive targets damaged or destroyed by offensive action.
M3	Percent	Of enemy force held in position.

NTA 1.5.3.2 Conduct Deliberate Attack

To conduct an attack characterized by preplanned coordinated employment of fires and maneuver to close with and destroy or capture the enemy. A deliberate attack is planned and carefully coordinated and rehearsed with all concerned elements based on thorough reconnaissance, evaluation of available intelligence and relative combat strength, analysis of various courses of action, and other factors affecting the situation. It generally is conducted against a well-organized defense when a hasty attack is not possible or has been conducted and failed. **(JP 3-0, MCWP 0-1)**

M1	Casualties	Of friendly forces, depicted in percentage and total numbers.
M2	Percent	Of decisive targets damaged or destroyed by offensive action.
M3	Percent	Of enemy force held in position.

NTA 1.5.3.3 Conduct Raid

To conduct deliberate attack, usually small-scale, involving a swift penetration of hostile territory to secure information, to confuse the enemy, or to destroy his installations. It ends with a planned withdrawal back to friendly territory upon completion of the assigned mission. **(NWP 3-05 Rev D, 3-06.1, 3-06M, MCWP 0-1)**

M1	Hours	Between desired and actual time in position.
M2	Minutes	Between planned and actual time of target attack.
M3	Hours	From completion of task until friendly forces successfully withdraw from enemy area.

NTA 1.5.3.4 Conduct Feint

To conduct a limited objective attack used as a deception intended to draw the enemy's attention away from the area of the main attack. A feint is designed to induce the enemy to move his reserves or to shift his fire support in reaction to the feint. Feints must appear real and therefore require some contact with the enemy. **(NWP 3-05 Rev D, MCWP 0-1)**

M1	Percent	Of feints resulting in enemy shifting reserves.
M2	Percent	Of feints resulting in enemy shifting fire support.
M3	Percent	Of feints resulting in enemy shifting reserves and fire support.

NTA 1.5.3.5 Conduct Demonstration

To conduct a limited objective attack or show of force on a front where a decision is not sought. The demonstration is made with the aim of deceiving the enemy. A demonstration is similar to a feint, with the exception that no contact with the enemy is sought. **(NWP 3-05 Rev D, MCWP 0-1)**

M1	Percent	Of demonstrations resulting in enemy shifting reserves.
M2	Percent	Of demonstrations resulting in enemy shifting fire support.
M3	Percent	Of demonstrations resulting in enemy shifting reserves and fire support.

NTA 1.5.4 Conduct Defense

To take action to defeat an enemy attack and regain the initiative. This task is performed to buy time, to hold a piece of key terrain, to facilitate other operations, to preoccupy the enemy in one area so friendly forces can attack him in another, or to erode enemy resources at a rapid rate while reinforcing friendly operations. **(JP 3-0, MCWP 0-1)**

M1	Percent	Of enemy HPTs damaged or destroyed by defensive action.
M2	Percent	Of friendly force in reserve.
M3	Percent	Of friendly force surprised at initiation of enemy offensive action.

NTA 1.5.4.1 Conduct Security

To obtain information about the enemy and provide reaction time, maneuver space, and protection to the main body. Security is characterized by aggressive reconnaissance to obtain information about terrain and enemy, gaining and maintaining contact with the enemy to ensure continuous information, and providing early and accurate reporting of information to the protected force. Security operations include screen, guard, cover, and area security. **(NWP 3-05 Rev D, 3-06.1, 3-06M, MCWP 0-1)**

M1	Incidents	By enemy troops, or partisans, affecting security of force and means in the AO.
M2	Percent	Of secure LOCs.
M3	Percent	Of total troops used to secure critical facilities and LOCs in rear area.

NTA 1.5.4.1.1 Conduct Screen

To maintain surveillance; provide early warning (primary purpose) to the main body; or impede, destroy, and harass enemy reconnaissance within the screening force's capability. **(NWP 3-05 Rev D, 3-06.1, 3-06M, MCWP 0-1)**

M1	Incidents	By enemy troops, or partisans, affecting security of force and means in AO.
M2	Percent	Of secure LOCs.
M3	Casualties	Attributed to enemy actions in rear area, depicted in percentage and total numbers.

NTA 1.5.4.1.2 Conduct Cover

To develop the situation early and deceive, disorganize, and destroy enemy forces. To accomplish all tasks of screening and guard forces in addition to cover. To operate apart from the main force and be tactically self-contained and capable of operating independently of the main body in an offensive or defensive mission and, as necessary, become decisively engaged with enemy forces. **(NWP 3-06 Rev D, 3-06.1, 3-06M, MCWP 0-1)**

M1	Incidents	By enemy troops, or partisans, affecting security of force and means in AO.
M2	Percent	Of secure LOCs.

M3	Casualties	Attributed to enemy actions in rear area, depicted in percentage and total numbers.
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NTA 1.5.4.1.3 Provide Area Security

To provide security of designated personnel, airfields, unit convoys, facilities, main supply routes, lines of communications, equipment, and critical points. **(MCWP 0-1)**

M1	Incidents	By enemy troops, or partisans, affecting security of force and means in AO.
M2	Percent	Of secure LOCs.
M3	Percent	Of total troops used to secure critical facilities and LOCs in rear area.

NTA 1.5.4.1.4 Secure an Area

To neutralize or defeat enemy operations in a specified area delineated by the headquarters assigning the security mission. Area security is offensive or defensive in nature and focuses on the enemy, the force being protected, or a combination of the two. To deny the enemy the ability to influence friendly actions in a specific area or to deny the enemy use of an area for his own purposes. **(MCWP 0-1)**

M1	Casualties	Attributed to enemy actions in rear area, depicted in percentage and total numbers.
M2	Instances	Of rear area attacks that delay, degrade, cancel, or modify an operation in AO.
M3	Instances	Of threats to force flanks, rear areas by enemy forces.

NTA 1.5.4.1.5 Secure and Protect LOCs and Routes in AO. To prevent enemy ground maneuver forces or insurgents from engaging friendly forces with direct fire on a protected route. Providing route security on and to the flanks of a designated route, defensive in nature and terrain oriented. To prevent an enemy force from impeding, harassing, containing, seizing, or destroying traffic along the route/LOC. Includes continuous mounted and dismounted reconnaissance of route and key locations to ensure trafficability; conduct sweeps of the route to prevent emplacement of enemy mines along the route; search suspected enemy locations; establish roadblocks traffic control points and checkpoints; occupy key locations and terrain; and conduct patrols. **(MCWP 0-1)**

M1	Hours	To restore LOC following interruption.
M2	Minutes	For rapid reaction forces to reach point of LOC attack.
M3	Percent	Of traffic flow on LOCs (air, land , sea, space) interrupted by hostile action.

NTA 1.5.4.2 Conduct Delay.

To maneuver forces that are insufficient to attack or defend or when the design of the operation dictates maneuvering the enemy into an area for subsequent counterattack. To gain time for friendly forces to reestablish the defense, to cover a defending or withdrawing unit, to protect a friendly unit's flank, and to participate in an economy-of-force effort or to slow or break up enemy momentum. **(JP 3-0, MCWP 0-1)**

M1	Hours	Between planning and delay execution.
M2	Hours	Difference between planned and actual completion of delay action.

M3	Percent	Of HPTs preserved by delay action.
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NTA 1.5.5 Conduct Ground Tactical Enabling Operations

To perform specific actions peculiar to several forms and types of ground maneuver. These include, patrolling (of various types), linkup, passage-of-lines, and relief in place. These actions occur during offensive, defensive, and retrograde operations for different purposes. **(NWP 3-05 Rev D, 3-06.1, 3-06M, MCWP 0-1)**

M1	Hours	To prepare and exchange plans
M2	Minutes	To prepare supporting plans.
M3	Instances	Of fratricide.

NTA 1.5.5.1 Conduct Patrols

To use a detachment of ground, sea, or air forces to gather information or carry out a destructive, harassing, mopping-up, or security mission. **(NWP 3-05 Rev D, 3-06.1, 3-06M, MCWP 0-1)**

M1	Hours	To prepare patrol plan
M2	Casualties	Attributed to enemy action, depicted in percentage and total numbers.
M3	Percent	Of patrols that maintained radio contact during operation.

NTA 1.5.5.2 Conduct Passage-of-Lines

To move a force forward or rearward through another force's combat positions with the intention of moving into or out of contact with the enemy. **(MCWP 0-1)**

M1	Minutes	Passing unit stopped vicinity of passage points.
M2	Hours	In advance to complete passing, coordinating and exchanging information.
M3	Minutes	For passed unit to deliver fire support when requested.

NTA 1.5.5.3 Conduct Relief in Place

To replace all or part of another unit with an incoming unit (relieving unit) which usually assumes the same responsibilities and deploys initially in the same configuration as the outgoing unit. Relief in place is executed for a number of reasons, including: introducing a new unit into combat, changing a unit's mission, relieving a depleted unit in contact, retraining a unit, relieving the stress of prolonged operations in adverse conditions, resting a unit after long periods in mission-oriented protective posture (MOPP), decontaminating a unit, and avoiding excessive radiation exposure. **(MCWP 0-1)**

M1	Minutes	To relieve unit stopped vicinity of release points.
M2	Hours	In advance of relief required for coordination and exchange of plans.
M3	Minutes	Before relief begins for lanes to be marked and guides to be in place.

NTA 1.5.5.4 Cross Rivers and Gaps

To pass through or over any battlefield terrain feature, wet or dry, that is too wide to be negotiated in stride with organic transportation or overcome by self-bridging. To cross quickly rivers or streams in the path of advance. A river crossing requires special planning and support. The size of the obstacle and the enemy situation will dictate how to make the crossing without

losing momentum. Preferably, it is a hasty crossing without losing momentum; it could be deliberate crossing requiring major support and planning based on the enemy's disposition and knowledge of the friendly force. This task includes river crossing in retrograde. This task also includes preparing and/or improving access and egress points, and employing bridging (e.g., assault gap, assault float, follow-on float bridges, or constructing military standard or non-standard fixed bridges, or constructing rafts and other expedients). **(MCWP 0-1)**

M1	Percent	Of time forces approach rivers and gaps with required crossing capabilities.
M2	Minutes	For crossing unit to complete crossing once assets in place.
M3	Minutes	Access and egress preparation operations after enemy detection.

NTA 1.5.6 Enhance Movement

To enhance force mobility in the combat area by constructing or repairing combat roads and trails, forward airfields and landing zones, and by facilitating movement on routes (road and air traffic control; refugee and straggler control). **(NWP 4-04, MCWP 0-1)**

M1	MPH	Of unit movement.
M2	Days	To respond to an event (e.g. natural disaster, etc.).
M3	Hours per day	To transport supplies

NTA 1.5.6.1 Construct/Repair Combat Roads and Trails

To prepare or repair routes of travel for equipment or personnel. Task includes survey and assessment, delineating routes and sites, clearing ground cover, performing earthwork, providing drainage, stabilizing soil, and preparing surface. **(NWP 4-04.1, 4-04.2, MCWP 0-1)**

M1	Days	To construct, improve, or repair required roads and trails.
M2	Percent	Of movement time increased due to road construction or repair requirement.
M3	MPH	Movement improved due to construction or repair.

NTA 1.5.6.2 Construct/Repair Forward Airfields and Landing Zones

To prepare or repair landing zones, expeditionary airfields, landing strips to support aviation ground facility requirements in the forward battle area. **(NWP 4-04.1, 4-04.2, MCWP 0-1)**

M1	Days	To construct, improve, or repair required airfields and landing zones (LZs).
M2	Percent	Of movement time increased due to enhancement requirements.
M3	Days	To respond to an event (e.g. natural disaster).

NTA 1.5.6.3 Facilitate Movement on Routes

To expedite the forward movement of combat resources by the enforcement of main supply route regulation and control of stragglers and refugees. To allow the unimpeded passing of a moving force. Included in this task are the clearing of accidents, choke points, and other traffic and the use of multiple routes. **(NWP 4-04.1, 4-04.2, MCWP 0-1)**

M1	Days	To construct, improve, or repair required facilities.
M2	Percent	Of increased movement time due to enforcement of route for straggler and refugee control.
M3	MPH	Of route movement.

NTA 1.5.7 Conduct Naval Special Warfare

To employ Navy forces that are specially trained, equipped, and organized to conduct special operations in maritime, littoral, and riverine environments. **(JP 1, 3-0, 3-05, NDP 1, NWP 1-02, 3-05 Rev D, NTTP 3-05.14)**

M1	Time	Between enemy attacks on areas controlled by friendly forces.
M2	Number	Of enemy units destroyed.
M3	Percent	Of enemy units not mission capable.

NTA 1.5.8 Conduct Unconventional Warfare

To conduct military and paramilitary activities including guerrilla warfare and other direct offensive, low-visibility, covert and/or clandestine operations, as well as indirect activities of subversion and sabotage. This task also includes, when appropriate, integration and synchronization of indigenous and surrogate forces that are organized, trained, equipped, supported, and directed by an external source. **(JP 0-2, 1, 2-0, 3-0, 3-02, NDP 1, NWP 3-05 Rev D, 3-06M, 5-01 Rev A, NTTP 3-05.14)**

M1	Percent	Of covert/ clandestine forces compromised.
M2	Percent	Of stated objectives met.
M3	Casualties	To friendly forces due to enemy actions.

NTA 1.5.9 Conduct Information Superiority

To establish and maintain information superiority in assigned operating area through employment of both offensive and defensive information operations (IO). Offensive IO involve the integrated use of assigned and supporting capabilities and processes, mutually supported by intelligence, to affect information systems to achieve or promote specific objectives. Defensive IO processes, integrates, and coordinates polices and procedures, operations, personnel, and technology to protect information and to defend information systems. Defensive IO is conducted through information assurance, physical security, counterdeception, counterpropaganda, counterintelligence, electronic protection and special information operations. Defensive IO objectives ensure timely, accurate, and relevant information access while denying adversaries the opportunity to exploit friendly information and systems for their own purposes. **(JP 1, 3-0, 3-13, 3-51, NDP 6, NWP 3-13, 6-00.1)**

M1	Percent	Of friendly forces operating under information superiority operation umbrella.
M2	Time	Between inception of hostilities and establishment of information superiority.

Intelligence

NTA 2 DEVELOP INTELLIGENCE

To develop intelligence that is required for planning and conducting tactical operations. Analyzing the enemy’s capabilities, intentions, vulnerabilities, and the environment (to include weather and the application of tactical decision aids and weather effects matrices on friendly and enemy systems, and terrain) derives it. This task includes the development of counterintelligence information. **(JP 2-0, 2-01, 3-07.1, 3-07.4, 3-09, 3-10, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of targets accurately identified.
M2	Percent	Of targets accurately located.
M3	Days	In advance of collection intelligence requirements identified.

NTA 2.1 Plan and Direct Intelligence Operations

To assist tactical commanders in determining and prioritizing their intelligence requirements (IR), to enable them to plan and direct intelligence, counterintelligence, and reconnaissance operations to satisfy these requirements. This task requires oversight of the intelligence cycle process, which includes the identification, validation, and prioritization of IRs; the planning and directing of intelligence operations; planning, managing, and tasking of collection operations; processing and exploiting data; analyzing data and producing intelligence; disseminating intelligence; integrating intelligence with operations; and providing evaluation and feedback to ensure effective and efficient intelligence support to operations. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Days	To disseminate initial and subsequent PIRs to all units.
M2	Hours	Between updates of PIRs by plans cell.
M3	Days	In advance of collection, intelligence requirements identified.

NTA 2.1.1 Determine and Prioritize Priority Intelligence Requirements (PIR)

To assist tactical commanders in determining their PIRs and remaining IRs. PIRs are those critical pieces of intelligence the commander must know by a particular time to plan and execute a successful mission. PIRs are identified at every level and based upon guidance obtained from the mission statement, commander’s intent, and end-state objectives. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Number	Open PIRs at any one time.
M2	Percent	Of PIRs are addressed in the intelligence update.
M3	Days	In advance of collection, intelligence requirements identified.

NTA 2.1.2 Determine and Prioritize Intelligence Requirements (IR)

To identify and prioritize those items of information that must be collected and processed to develop the intelligence required to fill a gap in the command’s knowledge and understanding of the battlespace or enemy forces. Those intelligence requirements that are most critical or that would answer a PIR are known as essential elements of information (EIs). **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of IRs related to a current PIR.
M2	Percent	Of subordinate command PIRs have IRs to support them.
M3	Days	To create usable IRs to support newly designated PIRs.

NTA 2.1.3 Conduct Collection Planning and Directing

To convert IRs into collection requirements; to establish priorities; to task or coordinate with appropriate organic, supporting and external intelligence, counterintelligence, and reconnaissance sources and agencies; to integrate among collection units; to integrate collections with production and dissemination; to monitor ongoing operations and results; and to retask as required. Collection requirements management focuses on the requirements of the customer, is all-source oriented, and advocates what information is needed for collection. To develop a collection plan that will satisfy the commander's intelligence requirements. Collection planning includes assigning the appropriate collection capabilities to fulfilling specific intelligence requirements. The plan must include obtaining intelligence from all sources (national, theater, and tactical). **(JP 2-0 Series, MCDP 2, NDP 2, MCWP 2-1, NWP 2-01)**

M1	Percent	Of priority intelligence requirements (PIRs) outstanding upon engagement.
M2	Percent	Of requests for information (RFIs) have more than one type of collection asset or resource assigned.
M3	Percent	Of RFIs included in collection plan.

NTA 2.1.4 Conduct Production Planning and Directing

To determine the scope, content, and format of each intelligence product; to develop a plan and schedule for the development of each product; to assign priorities among the various production requirements; to allocate processing, exploitation and production resources; and to integrate production with collection and dissemination. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of operations discovered by enemy intelligence.
M2	Percent	Of PIR/IR/RFIs not filled due to inability to state requirements in a timely manner.
M3	Percent	Of force operations delayed, disrupted, canceled, or modified due to successful enemy intelligence collection efforts.

NTA 2.1.5 Conduct Dissemination Planning and Directing

To establish dissemination priorities, integrate dissemination with collection and production, select dissemination means, and monitor the flow of intelligence throughout the command and to external forces. It also includes providing for use of security controls that do not impede the timely delivery or subsequent use of intelligence while protecting intelligence sources and methods. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of operations discovered by enemy intelligence.
M2	Percent	Of PIR/IR/RFIs not filled due to inability to state requirements in a timely manner.
M3	Percent	Of force operations delayed, disrupted, canceled, or modified due to successful enemy intelligence collection efforts.

NTA 2.1.6 Allocate Intelligence Resources

To assign adequate resources to tactical intelligence organizations to permit accomplishment of assigned intelligence tasks. To design and establish the structure necessary to provide intelligence and counterintelligence support throughout the operation. This task includes task organization of intelligence, counterintelligence, and reconnaissance units; and identification of critical and additional personnel and equipment requirements. It also includes identifying and readying intelligence liaison teams; planning and establishing communications and information systems (CIS) connectivity with other services, joint, theater, national, and multinational intelligence organizations and assets as required; identifying and obtaining unique intelligence logistics support; and identifying and obtaining specialized capabilities (e.g., linguists). This task includes providing specialized facilities, antennas, and photographic laboratories. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, Title 10 Chapter 159, DoD Directive 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Hours	After arrival, command receives a report of organic collection assets from subordinates.
M2	Hours	After designation as a task force commander, reports initial organic collection assets to joint force commander, components, and the national intelligence agencies.
M3	Hours	After PIR satisfied, collection asset is re-tasked.

NTA 2.1.7 Supervise Intelligence, Counterintelligence, and Reconnaissance Operations

To monitor and assess the effectiveness of intelligence, counterintelligence, and reconnaissance operations to ensure they focus on all supported commanders' PIRs, intent, and concepts of operations; to quickly identify and solve problems; to rapidly identify situations requiring changes to previously developed plans; and to identify new IRs and implement planning in support of future operations. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Number	Of operations being supervised.
M2	Number	Of personnel involved in the operations.

NTA 2.2 Perform Collection Operations and Management

To gather data, information, and previously produced intelligence from all sources to satisfy the identified requirements. Collection involves mission planning, positioning of assets to locations that are favorable to satisfying collection objectives, data collection, reporting of acquired information, and continuous gathering of relevant information and intelligence from sources that are already on-hand or that are available from other intelligence organizations. **(JP 2-0, 2-01 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of targets accurately identified.
M2	Percent	Of targets accurately located.
M3	Percent	Of PIRs have at least one source that yielded intelligence information.

NTA 2.2.1 Collect Target Information

To acquire information that supports the detection, identification, location, and operational profile of enemy targets in sufficient detail to permit attack by friendly weapons. Activities include searching for, detecting, and locating targets; and then tracking to include information such as range, bearing, altitude/depth, latitude/longitude, grid, and course and speed of the target. It also includes conducting post-attack battle damage assessment (BDA) and identifying follow-on targets. This task includes optimizing the use of organic collection assets to provide bomb hit assessment (BHA) in search of (ISO) BDA for targeting cycle and re-strike assessment. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Days	From receipt of tasking, information available.
M2	Percent	Of collection requirements fulfilled by reconnaissance/surveillance assets.
M3	Percent	Of time able to respond to collection requirements.

NTA 2.2.1.1 Detect Contacts

To detect contacts. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, NWP 3-01 Series, NWP 3-13, NWP 3-15 Series, NWP 3-15.20 Series, NWP 3-21 Series, NWP 3.51.1)**

M1	Percent	Of contact cues converted into contact detections.
M2	Minutes	To recognize contact.
M3	Percent	Of time able to respond to collection requirements.

NTA 2.2.1.2 Track Contacts

To track contacts and gather information such as range, bearing, altitude/depth, latitude/longitude, grid, and course and speed of the target. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, NWP 3-01 Series, NWP 3-13, NWP 3-15 Series, NWP 3-15.20 Series, NWP 3-21 Series, NWP 3.51.1)**

M1	Percent	Accuracy of contact's position.
M2	Minutes	Since contact position has been updated.
M3	Percent	Of contacts tracked in CIEA.

NTA 2.2.1.3 Classify Contacts

To determine the classification of a contact such as whether a surface or air contact should be designated a target; or an underwater contact is a possible submarine; or a mine-like object is, in fact, a mine; **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, NWP 3-01 Series, NWP 3-13, NWP 3-15 Series, NWP 3-15.20 Series, NWP 3-21 Series, NWP 3.51.1)**

M1	Minutes	To classify a surface contact.
M2	Seconds	To classify an air contact.
M3	Percent	Of time able to respond to classification requirements.

NTA 2.2.1.4 Identify Contacts

To determine the identity of a contact. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, NWP 3-01 Series, NWP 3-13, NWP 3-15 Series, NWP 3-15.20 Series, NWP 3-21 Series, NWP 3.51.1)**

M1	Minutes	After classification to identify the contact..
M2	Minutes	To respond to emergent tasking(s).
M3	Percent	Of time able to respond to identification requirements.

NTA 2.2.1.5 Localize Contacts

To determine a contact’s position by reducing the general area of contact to a fixed point. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, NWP 3-01 Series, NWP 3-13, NWP 3-15 Series, NWP 3-15.20 Series, NWP 3-21 Series, NWP 3.51.1)**

M1	Minutes	To localize a surface contact.
M2	Minutes	To localize a sonar contact.
M3	Percent	Of time able to respond to collection requirements.

NTA 2.2.2 Collect Tactical Intelligence on Situation

To obtain information that affects a commander’s possible courses of action. Considerations include the characteristics of the area of operations and the enemy situation. Information includes threat, physical environment, health standards/endemic disease, and social/political/economic factors. This task also includes the reporting and locating of isolated or captured personnel. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Days	From receipt of tasking, information available.
M2	Percent	Of collection requirements fulfilled by reconnaissance/surveillance assets.
M3	Number	Of intelligence requirements can be filled from organic resources.

NTA 2.2.3 Perform Tactical Reconnaissance and Surveillance

To obtain, by various detection methods, information about the activities of an enemy or potential enemy or tactical area of operations. This task uses surveillance to systematically observe the area of operations by visual, aural, electronic, photographic, or other means. This includes development and execution of search plans. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, NWP 3-01 Series, NWP 3-15 Series, NWP 3-21 Series)**

M1	Days	From receipt of tasking, unit reconnaissance/surveillance assets in place.
M2	Percent	Of collection requirements fulfilled by reconnaissance/surveillance assets.
M3	Percent	Of time able to respond to collection requirements.

NTA 2.2.3.1 Search Assigned Areas

To conduct a search/localization plan utilizing ordered search modes/arcs. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, NWP 3-01.01, 3-15.2, 3-21 Series)**

M1	Hours	From receipt of tasking until search force is in place.
M2	Hours	To respond to emergent tasking(s).
M3	Percent	Of time able to respond to collection requirements.

NTA 2.2.3.1.1 Provide Cueing.

To provide cueing, early warning, or other initial data to assist in detecting targets. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, NWP 3-01 Series, NWP 3-13, NWP 3-15 Series, NWP 3-15.20 Series, NWP 3-21 Series, NWP 3.51.1)**

M1	Minutes	To transmit updated cueing information.
M2	Minutes	To respond to emergent tasking(s).
M3	Percent	Of time able to respond to search plan requirements.

NTA 2.2.3.2 Perform Tactical Reconnaissance

To obtain by visual observation or other detection methods, information about the activities and resources of an enemy or potential enemy or about the meteorological, hydrographic, or geographic characteristics of a particular tactical area of operations. **(FM 17-95, 71-100, 100-15, 34-1, 34-2, MCDP 2, MCWP 2-1, NWP 3-01.01, 3-15.2, 3-21 Series, 3-55.11)**

M1	Hours	From receipt of tasking for unit reconnaissance assets to be in place.
M2	Percent	Of collection requirements fulfilled by appropriate assets.
M3	Percent	Of time able to respond to collection requirements.

NTA 2.2.3.3 Perform Zone Reconnaissance

To conduct a directed effort to obtain detailed information concerning all routes, obstacles (to include chemical or radiological contamination), terrain, and enemy forces within a zone defined by boundaries. A zone reconnaissance normally is assigned when the enemy situation is vague or when information concerning cross-country trafficability is desired. **(FM 17-95, 71-100, MCDP 2, MCWP 2-1, NWP 3-01.01, 3-15.2, 3-21 Series, 3-55.11)**

M1	Hours	From receipt of tasking to unit reconnaissance assets being in place.
M2	Percent	Of collection requirements fulfilled by appropriate assets.
M3	Percent	Of time able to respond to collection requirements.

NTA 2.2.3.4 Perform Area Reconnaissance

To conduct a form of reconnaissance that is a directed effort to obtain detailed information concerning the terrain or enemy activity within a prescribed area, such as a town, ridgeline, woods, or other feature critical to operations. **(FM 17-95, 71-100, 100-15, 7-20, 7-30, MCDP 2, MCWP 2-1, NWP 3-01.01, 3-15.2, 3-21 Series, 3-55.11)**

M1	Hours	From receipt of tasking to unit reconnaissance assets being in place.
M2	Percent	Of collection requirements fulfilled by appropriate assets.
M3	Percent	Of time able to respond to collection requirements.

NTA 2.2.3.5 Perform Reconnaissance in Force

To form a reconnaissance operation designed to discover or test an enemy's strength or to obtain other information. **(FM 17-95, 71-100, MCDP 2, MCWP 2-1, NWP 3-01.01, 3-15.2, 3-21 Series, 3-55.11)**

M1	Hours	From receipt of tasking to unit reconnaissance assets being in place.
M2	Percent	Of collection requirements fulfilled by appropriate assets.

M3	Percent	Of time able to respond to collection requirements.
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NTA 2.2.3.6 Collect Tactical Intelligence on Ordnance and Munitions

To obtain, by various detection methods, information regarding an enemy or potential enemy's ordnance and munitions which could be utilized against friendly forces. Includes the use of visual, electronic, aural, photographic or any other means available. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Days	From receipt of tasking, unit reconnaissance/surveillance assets in place.
M2	Percent	Of collection requirements fulfilled by reconnaissance/surveillance assets.
M3	Percent	Of time able to respond to collection requirements.

NTA 2.2.4 Assess Tactical Environment

To utilize organic and non-organic sensors to detect combat threats, environmental conditions, geographic constraints and background shipping. **(JP 2-0 Series, NDP 2, NWP-2-01, 3-59.1)**

M1	Days	From receipt of tasking, unit reconnaissance/surveillance assets in place.
M2	Percent	Of collection requirements fulfilled by reconnaissance/surveillance assets.
M3	Percent	Of time able to respond to collection requirements.

NTA 2.2.5 Collect Human Intelligence

To conduct human intelligence (HUMINT) collection. This task includes Military Source Operations (MSO) and use of interviews, elicitation, open source exploitation, interrogations, liaison, and document and media exploitation (DOMEX). **(JP 2-0, 2-01, 2-01.1, 2-01.02, 2-01.3, 2-03, DODD 3115.09, SECNAVINST 5450.4F, NDP 2)**

M1	Percent	Of HUMINT operations completed in time to support operational mission planning.
M2	Percent	Of required HUMINT operations completed successfully.
M3	Yes/No	Supported operational commander provided with information necessary to adequately support mission execution.

NTA 2.2.6 Conduct Counterintelligence

To conduct counterintelligence (CI) activities in order to counteract the threat posed by foreign intelligence capabilities and by organizations or individuals engaged in espionage, sabotage, subversion, or terrorism. To identify, locate, and help counter the enemy's intelligence, espionage, sabotage, subversion, and terrorist related activities, capabilities, and intentions in order to deny the enemy the opportunity to take actions against friendly forces. **(JP 2-0, 2-01, 2-01.1, 2-01.3, 2-03, SECNAVINST 3850.2C, NDP 2)**

M1	Yes/No	CI operation contributed to denying enemy opportunity to take actions against friendly forces.
M2	Percent	Of CI operations located and countered enemy intelligence capability directed at friendly forces.
M3	Percent	Of CI operations successfully completed in allotted time.

NTA 2.3 Process and Exploit Collected Information and Intelligence

To convert collected data and previously produced intelligence into information forms suitable for the production of intelligence. **(JP 2-0, 2-01 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Hours	Turnaround to process new intelligence data.
M2	Percent	Of raw information correctly prepared for production phase.
M3	Number	Images exploited per day

NTA 2.3.1 Conduct Technical Processing and Exploitation

To perform activities such as imagery development and interpretation, document translation, electronic data conversion into standardized formats, and decryption of encoded material. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Minutes	To read wet film after recovery of aircraft or other photo system.
M2	Percent	Of collected information is unprocessed at end of 24 hours.
M3	Percent	Of collected information (which can be processed) is processed.

NTA 2.3.2 Correlate Information

To associate and combine data on a single subject to improve the reliability or credibility of the information. This task includes collating information (identifying and grouping related items of information for critical comparison). **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Number	Data points assembled by analysts on a single subject.
M2	Number	Separate sources available to (and used by) analysts to increase credibility of information.
M3	Percent	Of reported information, graded as having high reliability based upon variety of associated and combined data.

NTA 2.3.3 Conduct Site Exploitation

To exploit sensitive materials or evidence that can be used for tactical, strategic, political, or operational military value and deny enemy forces the use of sensitive material seized at the site. **(JP 2-01, 2-01.02, FM 2-22.3, NDP 2, OPNAVINST 3882.2A)**

M1	Percent	Of operations where proper security was provided during mission
M2	Percent	Of directed exploitation requirement completed
M3	Percent	Of operations completed in allotted time.

NTA 2.4 Conduct Analysis and Produce Intelligence

To convert processed and exploited information and previously developed intelligence into tailored, mission-focused intelligence that satisfies all supported commanders' intelligence requirements through evaluation, integration, interpretation, analysis, and synthesis. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Hours	For intelligence information to be prepared in a format suitable for dissemination.
M2	Minutes	After observation of activity, an Intelligence Report is disseminated.

NTA 2.4.1 Evaluate Information

To appraise information for pertinence, reliability, and accuracy. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of produced intelligence judged to be <i>timely</i> by users.
M2	Percent	Of produced intelligence judged to be <i>accurate</i> in light of event.
M3	Percent	Of produced intelligence judged to be <i>useable</i> by users.

NTA 2.4.2 Integrate Information

To integrate new data and information with other relevant information and intelligence to assist in the formation of logical estimates of enemy capabilities, limitations, courses of action, and intentions. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Hours	Between updates of enemy order of battle.
M2	Hours	Between updates of friendly force status.
M3	Hours	To reassess new threat information.

NTA 2.4.3 Interpret Information

To determine the significance of information and its effects on the current intelligence estimate; to form logical conclusions that bear on the situation and support the commander's decision-making process. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of enemy branches and sequels correctly identified during planning.
M2	Time	To process new intelligence data and integrate within the targeting cycle.
M3	Percent	Of forecasted significant enemy actions, were false alarms.

NTA 2.4.4 Analyze and Synthesize Information

To assess, synthesize and fuse new information and existing intelligence from all sources to develop timely, accurate mission-focused intelligence estimates in order to provide meaningful knowledge pertinent to the supported commanders' current and future planning and decision making needs, and to determine the significance of information in relation to the current situation. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of enemy branches and sequels correctly identified during planning.
M2	Time	To process new intelligence data and integrate within the targeting cycle.
M3	Percent	Of forecasted significant enemy actions, were false alarms.

NTA 2.4.4.1 Identify Issues and Threats

To assess threats to the friendly tactical force (including threats to forces of multinational partners). This task includes assessing potential issues and situations that could impact U.S. national security interests and objectives within the area of operations. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Hours	Between updates of enemy order of battle.
M2	Hours	Between updates of friendly force status.
M3	Hours	To reassess new threat information.

NTA 2.4.4.2 Define the Battlespace Environment

To determine and analyze the nature and characteristics of the area of operations and area of interest, and to identify gaps in currently available intelligence. To determine the types and scale of operations that are supportable and the impact of significant regional features and hazards on the conduct of both friendly and enemy operations. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, 3-59.1)**

M1	Percent	Of enemy branches and sequels correctly identified during planning.
M2	Percent	Of processed intelligence data is integrated within the targeting cycle.
M3	Percent	Of forecasted significant enemy actions, were false alarms.

NTA 2.4.4.3 Evaluate the Battlespace Environment

To evaluate the physical and civil (political, cultural, and economic) environments of the battlespace in order to identify the impact of environment on both friendly and enemy forces. The assessment includes an evaluation of the impact of significant regional characteristics such as the political, economic, industrial, geographic, demographic, topographic, hydrographic, and climatic characteristics. It also includes an impact evaluation of the population's cultural, educational, medical, linguistic, religious, historical, and psychological characteristics. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01, 3-59.1)**

M1	Percent	Of forecasted significant enemy actions relative to the social, political, economic, cultural, and medical environments that were valid.
M2	Percent	Of enemy vulnerabilities due to aforementioned environments that were identified within the intelligence cycle.
M3	Percent	Of enemy targets or vulnerabilities correctly identified.

NTA 2.4.4.4 Evaluate the Threat

To evaluate and assess threat (or potential threat) forces, military and non-military capabilities, limitations, centers of gravity, and critical vulnerabilities. To assess the enemy in terms of mobilization potential, order of battle (ground, air, maritime, electronic), tactical organization (including allied forces) and dispositions, doctrine, military capabilities, command and control, personalities including history of key leaders' performance, communications and information systems, current activities and operating patterns, and decision making processes. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of enemy branches and sequels were correctly identified during planning.
M2	Percent	Of new processed intelligence data integrated within targeting cycle.
M3	Percent	Of forecasted significant enemy actions were false alarms.

NTA 2.4.4.5 Determine Enemy Courses of Action

To identify the enemy's likely objectives and prioritized assessment of courses of action available to him. To identify, at a minimum, the enemy's most likely and most dangerous courses of actions. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of enemy branches and sequels were correctly identified during planning.
M2	Percent	Of new processed intelligence data integrated to update COA.
M3	Percent	Of forecasted significant enemy actions were false alarms.

NTA 2.4.5 Prepare Intelligence Products

To analyze the environment and the enemy’s capabilities and produce the requisite products as an aid to decision making. Intelligence products facilitate the commander’s understanding of the battlespace and identify potential opportunities to exploit enemy vulnerabilities. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Hours	To prepare intelligence information in a format suitable for dissemination.
M2	Percent	Of time, intelligence products updated with recently received information.
M3	Hours	To prepare organic collection asset plan.

NTA 2.4.5.1 Provide Support to the Commander’s Estimate

To provide as accurate an image of the battlespace and the threat as possible to support both planning and decision making. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Time	Required to prepare for support.
M2	Number	Of additional personnel required for support.

NTA 2.4.5.2 Provide Intelligence to Develop the Situation

To provide continuing knowledge on current events to update the situation and subsequent intelligence estimates. It is a dynamic process used to assess the current situation and confirm or deny the adoption of specific courses of action by the enemy; it provides the basis for adapting plans to exploit opportunities. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Hours	To prepare intelligence information.
M2	Percent	Of time, intelligence products updated with recently received information.

NTA 2.4.5.3 Provide Indications and Warning (I&W) of Threat

To provide early warning of impending hostile action in order to prevent surprise and reduce risk from enemy actions that run counter to planning assumptions. This task includes identifying hostile reactions to US reconnaissance activities and indications of impending terrorist attacks. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Minutes	To transmit an indication or warning, after identification or receipt of target information.
M2	Percent	Of enemy actions, warning provided.
M3	Hours	Lead time in predicting enemy actions.

NTA 2.4.5.4 Provide Intelligence Support to Force Protection

To identify, locate, and help counter the enemy’s intelligence, espionage, sabotage, subversion, and terrorist related activities, capabilities, and intentions in order to deny the enemy the opportunity to take actions against friendly forces. It also includes intelligence support to identify friendly vulnerabilities, evaluate security measures, and assist with the implementation of appropriate security plans and countermeasures. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Hours	To prepare intelligence information.
M2	Percent	Of time, intelligence products updated with recently received information.

NTA 2.4.5.5 Provide Intelligence Support to Targeting

To identify enemy target systems, critical nodes, and high-value and high-payoff targets; to provide intelligence to assist target planners in determining the most effective ways to engage these targets. This includes supporting the tactical targeting process. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

Note: This task supports NTA 3.1.2, *Select Target to Attack*.

M1	Percent	Of failed attacks on high priority targets (HPTs) attributed to incorrect enemy location data.
M2	Percent	Of high priority targets (HPTs) have correct location data.
M3	Percent	Of target locations verified before next targeting cycle.

NTA 2.4.6 Provide Intelligence Support to Combat Assessment

To provide intelligence support to the combat assessment process. This includes BDA, assistance with munitions effects assessment, and re-attack recommendations. BDA estimates physical damage to a particular target, functional damage to that target, and the capability of the entire targeted system to continue its operation. **(JP 2-0 Series, 3-0, 3-55, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Hours	To access and evaluate target imagery or signals.
M2	Minutes	To assess and evaluate HPT imagery or signals.
M3	Y/N	Include all sources to determine BDA.

NTA 2.5 Disseminate and Integrate Intelligence

To provide intelligence to all supported commanders in a timely way and in an appropriate form using any suitable means, while protecting that intelligence from unauthorized disclosure. This task includes ensuring the commanders understand the intelligence. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of time, intelligence disseminated late to units.
M2	Hours	To pass prepared intelligence to the force.
M3	Minutes	To disseminate updates upon receipt of new intelligence.

NTA 2.5.1 Determine the Form to be Used in Disseminating Intelligence

To select from the various types of oral, text, and graphics intelligence forms (diagrams, imagery, overlays, standardized single or all-source intelligence reports, briefings, hard and electronic formats, etc.) that best satisfy the supported commander's time requirements and ease of use requirements. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, 6, NWP 2-01)**

M1	Time	Required to make determination.
M2	Time	Required to disseminate intelligence.

NTA 2.5.2 Establish Secure and Rapid Dissemination Means

To establish flexible and responsive procedures (both *supply-push* and *demand-pull*) and create and maintain both automated and manual communications and information systems for the delivery of intelligence to all supported commanders for both routine and time-sensitive situations. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, 6, NWP 2-01)**

M1	Incidents	When intelligence messages stressed communication paths.
M2	Incidents	Of critical intelligence systems not installed on time.
M3	Incidents	Of critical intelligence information not received on time.

NTA 2.6 Evaluate Intelligence Operations

To determine the effectiveness of intelligence operations and to make any necessary changes to improve future intelligence operations. The primary task is to determine if disseminated intelligence satisfied all supported commanders' intelligence requirements on time. Additionally, the evaluation provides early identification of new IRs identified by either observed changes in the situation or clarification of the situation provided through on-going intelligence. Finally, it provides guidance and feedback regarding the effectiveness of intelligence operations to support future planning and decision-making needs. **(JP 2-0 Series, MCDP 2, MCWP 2-1, NDP 2, NWP 2-01)**

M1	Percent	Of intelligence offices have self-inspection program.
M2	Percent	Of intelligence production programs include a customer survey.
M3	Percent	Of customer complaints result in change within intelligence organization or explanation to customer of <i>why</i> no change.

Fires

NTA 3 EMPLOY FIREPOWER

To apply firepower against air, ground, and sea targets. The collective and coordinated use of target acquisition data, direct and indirect fire weapons, armed aircraft of all types, and other lethal and nonlethal means against air, ground, and sea targets. This task includes artillery, mortar, and other non-line-of-sight fires, naval gunfire, close air support, and electronic attack. It includes strike, air/surface/undersea warfare, naval surface fire support, counter air, and interdiction. **(JP 1, 3-0, 3-01.5, 3-03, 3-09, 3-09.3, 3-10.1, NDP 1, NWP 3 Series)**

M1	Percent	Of high priority targets (HPTs) successfully attacked.
M2	Percent	Of missiles, rockets, etc., successfully engage targets.
M3	Percent	Of higher authority tasked missions accomplished.

NTA 3.1 Process Targets

To positively identify and select land, sea, and air targets that decisively impact battles and engagements and match targets with appropriate firepower systems, taking into account operational requirements and capabilities, the rules of engagement, and laws of armed conflict. The term target is used in its broadest sense to include targets in military operations other than war. **(JP 2-0, 3-0, 3-01.4, 3-01.5, 3-02, 3-02.1, 3-03, 3-05 Series, 3-07.2, 3-09 Series, 3-53, 5-00.2, NDP 1, 2, NWP 3 Series)**

M1	Percent	Of desired results achieved by expected conclusion of a given phase or time line.
M2	Percent	Of selected targets have accurate coordinates available.
M3	Percent	Of targets susceptible to nonlethal kill allocated to non-lethal attack systems.

NTA 3.1.1 Request Attack

To request the employment of combat systems to deliver ordnance on specific targets or enemy positions. **(JP 3-0, 3-09 Series, NWP 3-03.4 Rev A, 3-20 Series, 3-56.1 Rev A, NTTP 3-02.2)**

M1	Time	In advance of attack targeting strategy is established.
M2	Percent	Of attack requests submitted in compliance with a given phase or time requirement.
M3	Percent	Of targets correctly identified and located.

NTA 3.1.2 Select Target to Attack

To analyze each target to determine if and when it should be attacked. This task includes: define target selection criteria, review the rules of engagement and the laws of armed conflict, compare sensor data to target selection criteria, perform target duplication checks, issue warning orders, determine target location, determine moving target intercept points, fuse target build-up reports to create a list of targets (target list), perform target list maintenance, and choose targets. **(JP 2-0, 2-01.1, 3-0, 3-01.4, 3-02, 3-02.1, 3-03, 3-05, 3-07.2, 3-09 Series, 3-12, 3-53, 3-58, 5-00.2, NDP 2, NWP 2-01, 3 Series)**

M1	Percent	Of decisive points discovered within the execution cycle are evaluated.
M2	Percent	Of effort diverted to a higher priority category discovered inside the execution cycle.

M3	Time	To select targets for attack once all intelligence data received.
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NTA 3.1.3 Select Platform(s) and System(s) for Attack

To determine the appropriate attack system (lethal and/or non-lethal) for a particular air, ground, or sea target. This task includes determining the availability of attack platform(s) and system(s) that can provide the required effects. **(JP 2-0, 3-0, 3-01.5 3-09, 3-09.3, 3-55, NDP 2, 6, NWP 3-20 Series)**

M1	Percent	Of high priority targets (HPTs) covered by at least one attack system.
M2	Time	To assign firepower resources, once targets identified.
M3	Percent	Of joint force operations delayed, disrupted, canceled or modified due to improper firepower allocation.

NTA 3.1.4 Develop Order to Fire

To create firing instructions (such as selected target, required effects, and time on target) for transmission to the selected attack platform(s) and system(s). This task may include conducting tactical fire control, issuing fire commands, issuing an air tasking order (ATO), or task force air and water space plan (e.g., no attack (NOTACK) area). **(JP 3-0, 3-02, 3-09 Series, 3-52, NDP 1, NWP 3-21.0 Rev A, 3-56 Rev A, NTTP 3-02.2)**

M1	Time	To develop and issue order to fire.
M2	Percent	Of orders to fire prepared correctly.
M3	Percent	Of orders issued to correct agency.

NTA 3.1.5 Conduct Tactical Combat Assessment

To determine the overall effectiveness of weapons employment during military operations. Combat assessment is composed of three major components: (a) battle damage assessment (BDA), (b) munitions effects assessment, and (c) re-attack recommendations. The objective of combat assessment is to identify recommendations for the course of military operations. **(JP 2-0, 3-0, NDP 1, 2, 6, NWP 2-01, 3-56.1 Rev A, NTTP 3-02.2)**

M1	Percent	Of targets have combat assessment data available.
M2	Time	Awaiting combat assessment before commencing follow-on operations or executing other options.
M3	Time	To provide full assessment of attacks.

NTA 3.1.6 Develop Countertargeting Plans

Develop plans to prevent the enemy from attaining fire control solutions on own forces. These plans require the integration of assets, timelines, and C2 arrangements. **(NTTP 3-13.1 Series)**

M1	Time	To develop plan.
M2	Percent	Of affected units contributing to plan.

NTA 3.1.7 Employ Countertargeting

Employ countertargeting tactics when either the tactical situation warrants or when indications and warnings (I&W) indicate an attack is imminent. I&W must permit sufficient time to put countertargeting assets in place. **(NTTP 3-13.1 Series)**

M1	Percent	Of units successfully countertargeted.
M2	Time	To initiate countertargeting.
M3	Percent	Of casualties sustained after countertargeting initiated.

NTA 3.2 Attack Targets

To engage the enemy and destroy, degrade, or disable targets using all available organic firepower. This task includes all lethal and nonlethal offensive and defensive actions. **(JP 1, 3-0, 3-03, 3-05, 3-07, NWP 3 Series)**

M1	Percent	Of missions requested by components executed.
M2	Percent	Of high priority missions executed within the specified time.
M3	Percent	Of preplanned targets successfully attacked during operation.

NTA 3.2.1 Attack Enemy Maritime Targets

To attack sea targets with the intent to degrade the ability of enemy forces to conduct coordinated operations and/or perform critical tasks. This task includes all efforts taken to control the battlespace by warfare commanders, including strikes against high payoff and high value targets, such as missile launching ships and submarines, and other strike and power projection units throughout the theater. This task includes also those efforts taken to undermine the enemy’s will to fight. **(JP 1, 3-0, 3-03, 3-05, 3-07, 3-09, NDP 1, NWP 2-01, 3 Series)**

M1	Percent	Of attacking systems penetrate to target to deliver ordnance.
M2	Minutes	After target identification to complete attack.
M3	Percent	Of enemy forces destroyed.

NTA 3.2.1.1 Attack Surface Targets

To attack surface targets at sea. Attacks may be conducted with various types of weapons such as naval or other gunfire, cruise missiles or other missile systems, torpedoes, air dropped or air launched weapons, sea mines, or other weapon systems. **(NWP 2-01, 3-15 Series, 3-20 Series)**

M1	Percent	Of attacking systems penetrate to target to deliver ordnance.
M2	Minutes	After target identification to complete attack.
M3	Percent	Of enemy forces destroyed, delayed, disrupted, or degraded.

NTA 3.2.1.2 Attack Submerged Targets

To attack submerged targets. Attacks may be conducted with various types of weapons such as torpedoes (air, surface, or submarine launched), depth bombs or other dropped explosive devices, sea mines, or other weapon systems. **(NWP 2-01, 3-15 Series, 3-21 Series)**

M1	Percent	Of attacking systems penetrate to target to deliver ordnance.
M2	Minutes	After target identification to complete attack.
M3	Percent	Of enemy forces destroyed, delayed, disrupted, or degraded.

NTA 3.2.2 Attack Enemy Land Targets

To attack land targets with the intent to degrade the ability of enemy forces to conduct coordinated operations and/or perform critical tasks. This task includes all efforts taken to control the battlespace by warfare commanders, strikes against high payoff and high value targets such as C⁴I facilities/nodes and ammunition storage facilities throughout the theater, and efforts undertaken to undermine the enemy’s will to fight, including interdiction efforts. **(JP 1, 3-0, 3-03, 3-05, 3-07, 3-09, NDP 1, NWP 2-01, 3 Series)**

M1	Percent	Of attacking systems penetrate to target to deliver ordnance.
M2	Minutes	After target identification to complete attack.
M3	Percent	Of enemy forces destroyed, delayed, disrupted, or degraded.

NTA 3.2.3 Attack Enemy Aircraft and Missiles (Offensive Counter Air)

To integrate and synchronize attacks on enemy air capabilities throughout the engagement envelopes of organic systems. This task seeks to establish control of the airspace and then to allow all friendly forces to exploit this advantage. **(JP 1, 3-01 Series, 3-0, NDP 1, NWP 3 Series)**

M1	Percent	Of preplanned targets successfully attacked during operation.
M2	Percent	Of enemy forces destroyed, delayed, disrupted, or degraded.
M3	Percent	Of attacking systems penetrate to target to deliver ordnance.

NTA 3.2.4 Suppress Enemy Air Defenses (SEAD)

To coordinate, integrate, and synchronize attacks, which neutralize, destroy, or temporarily degrade enemy air defenses by destructive and/or disruptive means. **(JP 1, 3-0, 3-01.4, NDP 1, NWP 3-13.1.13, 3-56.1 Rev A, NTTP 3-03 Series, 3-13.1, 3-01.42)**

M1	Percent	Of enemy air defenses destroyed.
M2	Percent	Of enemy air defense capabilities neutralized by nonlethal means.
M3	Percent	Of friendly air losses due to enemy air defenses.

NTA 3.2.5 Conduct Electronic Attack

To employ electromagnetic or directed energy to attack personnel, facilities, or equipment to degrade, neutralize, or destroy enemy combat capability. This task includes actions taken to prevent or reduce the enemy’s effective use of the electromagnetic spectrum, such as jamming, and anti-radiation missiles, misinformation, intrusion, and meaconing. **(JP 1, 3-0, 3-51, NDP 1, NWP 3-13.1.13, NTTP 3-13.1)**

M1	Hours	To initiate electronic attack.
M2	Percent	Of electronic attack actions achieve desired effects on enemy.
M3	Percent	Of tasked electronic attacks that are conducted.

NTA 3.2.5.1 Conduct Command and Control (C2) Attack

To prevent effective C2 of adversary forces by denying information through influencing, degrading, or destroying the adversary C2 system. **(JP 1, 3-0, 3-13, 3-51, NDP 6)**

Note: This task includes the integration of operations security (OPSEC), military deception (MILDEC), psychological operations (PSYOP), electronic warfare (EW), computer network operations (CNO), physical destruction, and the related activities of civil affairs (CA) and public affairs (PA).

M1	Time	To plan C2 attack on newly identified adversary C2 targets.
M2	Incidents	Of blue on blue/gray/white.
M3	Percent	Of assigned enemy C2 targets attacked resulting in desired effects.

NTA 3.2.6 Interdict Enemy Operational Forces/Targets

To apply air, ground, and sea-based weapon systems to disrupt, divert, delay, destroy, suppress, or neutralize enemy military equipment and potential including aircraft on the ground, ships in port, material, personnel, fortifications, infrastructure, and command and control facilities before they can be effectively brought to bear against friendly forces. **(JP 3-0, 3-03, NDP 1, NWP 3 Series)**

M1	Number	COA denied to enemy due to friendly interdiction.
M2	Percent	Of enemy forces or materials diverted, disrupted, delayed or destroyed before effectively used against friendly organizations.
M3	Percent	Of enemy LOC capacity, required for offensive operations, disrupted or destroyed.

NTA 3.2.7 Intercept, Engage, and Neutralize Enemy Aircraft and Missile Targets (Defensive Counter Air)

To intercept, engage, neutralize, or destroy enemy aircraft and missiles in flight. Includes disruption of the enemy's theater missile (ballistic missiles, air-to-surface missiles, and air, land and sea-launched cruise missiles) operations through an appropriate mix of mutually supportive passive missile defense, active missile defense, attack operations, combat air patrol (CAP), and supporting C4I measures. **(JP 1, 3-0, 3-01 Series, 3-01.5, NDP 1, NWP 3 Series)**

M1	Number	COA denied to enemy due to friendly interdiction.
M2	Percent	Of enemy targets engaged.
M3	Percent	Of targets attacked with desired effects.

NTA 3.2.8 Conduct Fire Support

To employ lethal fires against hostile targets which are in close proximity to friendly forces to assist land and amphibious forces to maneuver and control territory, populations, and key waters. Fire support can include the use of close air support (CAS) (by both fixed- and rotary-wing aircraft), naval surface fire support (NSFS), land-based fire and special operations forces (SOF). **(JP 1, 3-0, 3-09 Series, NDP 1, NWP 3-05 Rev D, NTTP 3-02.2)**

M1	Number	COA denied to enemy due to friendly interdiction.
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M2	Number	Friendly branches/sequels formerly closed to joint force (not feasible/acceptable) become feasible/acceptable because of friendly interdiction.
M3	Percent	Of enemy targets engaged.

NTA 3.2.8.1 Organize Fire Support Assets

To organize fire support assets to provide fire support for operations. This includes the assignment of direct and general support missions to NSFS; direct support, general support, and general support reinforcing missions to artillery. This task also provides air apportionment and allocation functions. **(JP-3-0, 3-09, NDP 1, NWP 3-20.6, 3-56.1 Rev A, NTTP 3-02.2, FMFM 6-18)**

M1	Number	Of assets available.
M2	Time	Required to ready assets for fire support.
M3	Percent	Of available assets prepared.

NTA 3.2.8.2 Illuminate/Designate Targets

To illuminate targets to aid in target identification and designation and aid in controlling the guidance system of friendly ordnance. **(JP 1, 3-09 Series, NWP 3-05 Rev D, NTTP 3-13.1, 3-022.2)**

Note: Also see NTA 1.2.9, *Perform Initial Terminal Guidance (ITG)*.

M1	Percent	Of targets correctly identified and illuminated.
M2	Percent	Of targets properly illuminated during smart weapon's time of flight.

NTA 3.2.8.3 Engage Targets

To employ lethal fires against hostile targets. This task includes providing target locations, providing target descriptions, and specifying methods of fire. **(JP 1, 3-09 Series, NDP 1, 6, NTTP 3-02.2, FMFM 3-18)**

M1	Percent	Of targets attacked with desired effects.
M2	Percent	Of operational maneuver delayed, disrupted or modified due to lack of operational fires.
M3	Number	Of friendly branches/sequels formerly closed to joint force (not feasible/acceptable) become feasible/acceptable due to friendly operational fires.

NTA 3.2.8.4 Adjust Fires

To verify impact point of ordnance on selected targets and determine and recommend adjustments to the firing units to increase accuracy. **(JP 3-03, 3-09 Series, NTTP 3-03.4, 3-02.2)**

M1	Number	Incidents of fratricide while attacking targets in support of operational maneuver.
M2	Number	Adjusted rounds prior to striking target.
M3	Time	After strike of previous round until adjustment data provided.

NTA 3.2.9 Conduct Nonlethal Engagement

To employ means designed to impair the performance of enemy personnel and equipment. This task includes employing incapacitating agents, deceptive maneuvers, battlefield psychological activities, electronic attack against enemy systems (jamming and use of electromagnetic or directed energy weapons), and countering target acquisition systems. **(JP 1, 3-0, 3-02, 3-05, 3-11, 3-13, 3-51, 3-53, 3-58, NDP 1, NWP 3-05 Rev D, NTTP 3-13.1)**

M1	Percent	Of targets attacked with desired effects.
M2	Percent	Of operational maneuver delayed, disrupted, canceled, or modified due to lack of operational fires.
M3	Number	Friendly branches/sequels formerly closed (not feasible or acceptable) become feasible or acceptable due to friendly nonlethal engagements.

NTA 3.2.10 Integrate Tactical Fires

To combine and coordinate all fires and non-lethal means, maximizing their effects in accomplishing the mission and minimizing their effects on friendly/neutral forces and noncombatants. **(JP 3-0, 3-09 Series, NDP 1, NWP 3-20.32, 3-56.1 Rev A, NTTP 3-02.2)**

M1	Percent	Of attacks not deconflicted with friendly forces operating in AO.
M2	Incidents	Of destroyed HPTs subsequently engaged by fires from another component.
M3	Percent	Of HPTs attacked by the joint force as non-ATO targets.

NTA 3.2.11 Conduct Computer Network Attack

To disrupt, deny, degrade, or destroy information resident in computers and computer networks or the computers and networks themselves. **(JP 3-13, NTTP 3-13.1)**

M1	Units	Number of missions accomplished through attacks on an adversary's information, information systems, information-based processes, and computer-based networks
M2	Percent	Of planned targets successfully engaged by computer network (CN) attack

NTA 3.3 Conduct Coordinated Special Weapons Attack

To combine tactical forces into cohesive NCA-directed special weapons attacks. Includes preparedness to employ strategic deterrence forces. **(JP 3-0, 3-12, NDP 1, NWP 3-09, NTTP 3-02.2)**

M1	Percent	Of attacks not deconflicted with friendly forces operating in AO.
M2	Hours	To re-attack a theater strategic objective not neutralized (from original time on target (TOT)).
M3	Percent	Of strategic national missions aborted due to lack of necessary theater/JOA support.

Logistics

NTA 4 PERFORM LOGISTICS AND COMBAT SERVICE SUPPORT

To sustain forces in the combat zone by arming, fueling, fixing equipment, moving, supplying, manning, maintaining visibility over, and by providing personnel and health services. Includes logistic support, as necessary, to U.S. agencies and friendly nations or groups. **(JP 1-05, 3-0, 3-01.1, 3-07.1, 3-08 Vol 1, 3-09, 4-0, 4-01, 4-01.4, 4-01.7, 4-02, 4-03, NDP 1, NWP 4-01, 4-08, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series, NAVSUP P485)**

M1	Days	Of supply in theater.
M2	Tons	Of backlogged support requirements.
M3	Number	Of backlogged support items.

NTA 4.1 Arm.

To provide munitions to weapon systems. This includes bombs, mines, missiles, torpedoes, demolition munitions, artillery projectiles, and any other type of conventional ordnance. **(JP 4-0, 4-01, NDP 4, NWP 4-01.4, 4-08, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series)**

Note: NTA 4.5, *Provide Transport Services* (to provide Class V supplies and services to military units by employing transportation and supply services) applies to this task.

M1	Percent	Of required lift available.
M2	Days	After required date replenishment stocks are delivered.
M3	Percent	Of minimum safety level of build up stocks was maintained at staging areas.

NTA 4.1.1 Schedule/Coordinate Armament of Task Force

To schedule and coordinate armament and rearmament of naval/amphibious/land forces to ensure provision of continued support to forces operating both at sea and ashore. This task includes replenishment-at-sea (underway replenishment (UNREP)) from sea- and shore-based assets in addition to replenishment of the forces operating ashore from sea and shore-based assets. **(JP 4-0, 4-01.2, NDP 1, 4, NWP 4-01.4, 4-08, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series)**

M1	Hours	After receipt of warning order for staff to develop a replenishment concept.
M2	Days	After required date, replenishment stocks delivered.
M3	Percent	Of minimum safety level of build up stocks maintained at staging areas.

NTA 4.1.2 Provide Munitions Management

To project and allocate available munitions stocks in accordance with combat priorities to weight the main effort. **(JP 4-0, 4-01, NDP 1, 4, NWP 4-01 Series, 4-08 Series, 4-10, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series)**

M1	Days	After required date, replenishment stocks delivered.
M2	Percent	Of minimum safety level of build up stocks maintained at staging areas.
M3	Percent	Of fire missions delayed or not completed due to munitions shortfall.

NTA 4.1.3 Provide Munitions, Pyrotechnics, and Specialty Items

To supply munitions items such as small arms ammunition, grenades, mines, rockets, missiles, bombs, torpedoes, countermeasures, and naval gun, tank, and artillery rounds. **(JP 4-0, 4-01, NDP 4, NWP 4-01, 4-08, 4-10, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series)**

M1	Days	After required date replenishment stocks are delivered.
M2	Percent	Of minimum safety level of build up stocks maintained at staging areas.
M3	Percent	Of fire missions delayed or not completed due to munitions shortfall.

NTA 4.1.4 Maintain Explosives Safety

To determine and coordinate proper and compatible stowage and explosive quantity distance arc requirements from arrival in theater to end user for all explosives and ammunition. **(NAVORD PUB-OP5)**

Note: NTA 6.1.1, *Protect Against Combat Area Hazards* applies to this task.

M1	Number	Of explosive safety violations.
M2	Number	Of explosive mishaps/accidents.
M3	Casualties	Due to accidents.

NTA 4.1.5 Onload and/or Offload Ordnance

Receive, inspect, and load ordnance into magazines and/or onto weapon delivery systems. This includes performing weapons systems checks and procedural checklists and using ordnance test, handling and movement equipment. This task also includes download and reload functions and providing facilities for the receipt, supply, storage, loading and unloading of munitions and ammunitions. **(JP 4-0, 4-01, NDP 4, NWP 4-01, 4-08, 4-10, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series, Title 10 Chapter 159, DoD Directive 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Incidents	Weapons failure during tactical evolution
M2	Y/N	Message request issued prior to commencement of ammunition handling operations
M3	Percent	Of Shipboard personnel involved in ammunition handling have completed related personnel qualification standards (PQS) and are designated by the commanding officer

NTA 4.2 Fuel

To provide fuel and petroleum products (petroleum, oils, and lubricants) to ships, aircraft, weapon systems, and other equipment. **(JP 4-0, 4-01, 4-03, NDP 1, 4, NWP 4-01, 4-01.4, 4-04.1, 4-08 Series, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series)**

Note: NTA 4.5, *Provide Transport Services* (to provide Class III supplies and services to military units by employing transportation and supply services) applies to this task.

M1	Hours	After receipt of warning order for staff to develop a replenishment concept.
M2	Percent	Of daily Class III provided by host nation.
M3	Days	Operational delay due to fuel shortages.

NTA 4.2.1 Conduct Fuel Management

To monitor and forecast fuel requirements. To manage the distribution of petroleum products based on forecasted unit requirements and availability. **(JP 4-0, 4-03, NDP 1, 4 NWP 3-56.1 Rev A, 4-01, 4-01.4, 4-01.41, 4-08 Series, 5-01, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series)**

M1	Percent	Of daily Class III provided by host nation.
M2	Gallons	Lost to enemy action.
M3	Gallons Per Day	Of required fuel delivered to theater.

NTA 4.2.1.1 Schedule/Coordinate Refueling

To schedule and conduct fueling and replenishment of naval/amphibious/ land forces to ensure provision of continued support to forces operating at sea and ashore. Includes UNREP from sea and shore-based assets in addition to replenishment of the forces operating ashore from sea- and shore-based assets. Also includes amphibious assault bulk fuel system (AABFS), offshore petroleum distribution system (OPDS), and bulk offload of fuel to barrels/bladders from shipping. **(JP 4-0, 4-01, 4-03, MCWP 4-1, 4-11, NDP 4, NWP 3-02.1, 3-56.1 Rev A, 4-01, 4-01.4, 4-08, NAVSUP PUB Series)**

M1	Percent	Of daily Class III provided by host nation.
M2	Gallons	Lost to enemy action.
M3	Gallons Per Day	Of required fuel delivered to theater.

NTA 4.2.1.2 Conduct Aerial Refueling

To schedule and conduct air-to-air refueling with refueling tanker aircraft. To control and coordinate distribution of fuel from and to aircraft while airborne. This includes monitoring fuel requirements and managing the distribution of airborne fuel products based on unit requirements and availability during mission execution. **(JP 3-0, 3-04, 4-0, 4-01, 4-03, NDP 1, 4, NWP 3-01.10, 3-22.5 Series, 3-56.1 Rev A, 4-01, 4-08)**

M1	Percent	Of sorties completed.
M2	Lb.	Of fuel transferred.
M3	Percent	Of lift available.

NTA 4.2.2 Move Bulk Fuel

To move bulk fuels by tankers, rail tank cars, hose lines, or bulk transporters to using or refueling units. This includes forward arming and refueling points (FARPs). **(JP 4-0, 4-01, 4-03, NDP 4, NWP 4-01, 4-01.4, 4-08, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series)**

M1	Percent	Of daily Class III provided by host nation.
M2	Barrels	Lost to enemy action.
M3	Barrels Per Day	Of required fuel delivered to theater.

NTA 4.2.3 Provide Packaged Petroleum Products

To provide packaged products including lubricants, greases, hydraulic fluids, compressed gases, and specialty items that are stored, transported, and issued in containers with a capacity of 55 gallons or less. **(JP 4-0, 4-03, NDP 4, NWP 4-08, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series)**

M1	Percent	Of packaged petroleum products provided by host nation.
M2	Days	Supply of packaged petroleum products in place to support campaign
M3	Days	Operational delay due to packaged petroleum products shortage.

NTA 4.2.4 Provide Petroleum, Oil and Lubricants (POL)

To provide supply, storage, and distribution of petroleum, oils, lubricants, liquid oxygen (LOX) and liquid nitrogen. Includes receipt, storage, and issue of bulk liquid fuel, lubricating oil, LOX and Nitrogen, including document processing incident thereto, transferring and rotating bulk liquid fuel and lubricating oil in storage, conducting inventories, operating fuel testing laboratories, and quality surveillance. **(NAVSUP P-558, Fuel Management Ashore, NATOPS, NAVAIR 00-80T-109, MO230 Maintenance Manual, MILHDBK 201B)**

M1	Percent	Control and issue accuracy
M2	Percent	Availability rate of POL
M3	Percent	Daily transactions are entered into applicable databases within one work day.

NTA 4.3 Repair/Maintain Equipment

To preserve, repair, and ensure continued operation and effectiveness of units (ships, aircraft, ground forces, weapons systems, and their equipment). It includes the policy and organization related to the maintenance of equipment (afloat and ashore); development of maintenance strategies; standards of performance for both preventive and corrective maintenance; technical engineering support; provision of repair parts and end items; and battle damage repair. This task includes facilities support for hangars and aircraft maintenance shops (intermediate and depot level). **(JP 4-0, NDP-4, NWP 4-07, MCWP 4-1, MCWP 4-11, 3M MANUAL, OPNAVINST 4790.16, 4790.2J, 4790.4D, NSTM 001, Title 10 Chapter 159, DoD Directive 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Hours	After receipt of warning order, command staff has developed concept and policies for equipment repair, maintenance and evacuation, and establishment of rear area facilities.
M2	Percent	Of the support policies and procedures completed using the joint operations planning and execution system (JOPES) planning process.
M3	Days	Average equipment down time.

NTA 4.3.1 Schedule/Coordinate Task Force Repair Assets

To schedule and coordinate the repair and maintenance assets of naval/amphibious forces. **(JP 4-0, NDP 4, NWP 4-07, MCWP 4-1, MCWP 4-11, OPNAVINST 4790.2J, 4790.4D, NSTM 001)**

M1	Percent	Of the support policies and procedures completed using JOPES planning process.
M2	Percent	Of operational ready of equipment.
M3	Percent	Of TPFDD maintenance units deployed and operational.

NTA 4.3.2 Repair, Maintain, and Modify Equipment

To repair, maintain, and modify naval forces; to ensure continued support to forces operating ashore during the repair process; and to ensure coordination of the internal task force repair, maintenance, and modification assets. This function includes the provision of repair parts and end items at the right place and right time and all the actions taken before, during, and after battle to keep equipment operational. It also includes employment of depot level maintenance, dry-docking facilities, fixed cranes, marine railways, ship repair shops, and fitting out/ship repair piers. It includes deployable repair capabilities such as a tender and strike group IMA's. **(JP 4-0, NDP 4, NWP 4-07, MCWP 4-1, MCWP 4-11, OPNAVINST 4790.2J, 4790.4D, NSTM 001, Title 10 Chapter 159, DoD Directive 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Percent	Of the support policies and procedures completed using JOPES planning process.
M2	Percent	Of equipment operational ready.
M3	Percent	Of TPFDD maintenance units deployed and operational.

NTA 4.3.2.1 Perform Preventive Maintenance

To conduct maintenance checks and services to quickly identify potential problems. Preventive maintenance includes quick turnaround repairs by component replacement, minor repairs, performance of scheduled services, and calibration. **(JP 4-0, MCWP 4-1, 4-11, NDP 4, NWP 4-07, 3M MANUAL, OPNAVINST 4790.2J, 4790.4D, NSTM 001)**

M1	Number	Of planned maintenance system (PMS) tasks.
M2	Number	Of PMS tasks completed.
M3	Percent	Of PMS tasks completed.

NTA 4.3.2.2 Diagnose and Repair

To monitor equipment and material performance through the use of on-board sensors, diagnostic equipment, and visual inspections in order to identify impending and/or actual malfunctions. This task includes trend analysis and efforts taken to restore an item to serviceable condition through correction of a specific failure or unserviceable condition. **(JP 4-0, NDP 4, NWP 4-07, MCWP 4-1, MCWP 4-11, 3M MANUAL, OPNAVINST 4790.4D, NSTM 001)**

M1	Percent	Of equipment operational ready.
M2	Percent	Of TPFDD maintenance units deployed and operational.
M3	Percent	Of equipment deadlined for maintenance.

NTA 4.3.2.3 Perform Quality Assurance (QA)

To ensure repairs are performed in accordance with directives and that the repaired equipment is safe for operation. This task provides qualified inspectors and data analysts to support the maintenance effort. **(JP 4-0, NDP 4, NWP 4-07, MCWP 4-1, MCWP 4-11, 3M MANUAL, OPNAVINST 4790.2J, 4790.4D, NSTM 001)**

M1	Percent	Of the support policies and procedures completed using JOPES planning process.
M2	Percent	Of equipment operational ready.
M3	Percent	Of TPFDD maintenance units deployed and operational.

NTA 4.3.2.4 Perform Fleet Modernization

To upgrade existing systems or add new equipment, subsystems, or other components to improve the level of performance, reliability, or safety. This includes ship alterations (SHIPALTs), ordnance alterations (ORDALTs), engineering changes, and other changes, improvements, or alterations. **(JP 4-0, MCWP 4-1, 4-11, NDP 4, NWP 4-07, OPNAVINST 4790.2J, 4790.4D, NSTM 001)**

M1	Percent	Of equipment operational ready.
M2	Percent	Of equipment scheduled for alteration.
M3	Number	Of equipment scheduled for alteration.

NTA 4.3.2.5 Provide Battle Damage Repair to Ships at Sea

To provide off-ship firefighting, underwater and on board damage assessment, structural analysis, and repairs. This task also includes emergency towing for damaged ships and vessels in the combat zone. **(U.S. Navy Salvage Manual NAVSEA PUB S300-A6-MAN-030)**

M1	Number	Of ships to repair.
M2	Number	Of ships restored to full duty.
M3	Time	To effect repairs.

NTA 4.3.3 Provide Repair Parts (CLASS IX)

To provide any part, subassembly, assembly, or component required for installation in the preventive or corrective maintenance of an end item, subassembly, or component. Includes repair parts management (handling, stocking level, storage, and inventory control). **(JP 4-0, NDP 4, NWP 4-07, 4-08, 4-09, MCWP 4-1, MCWP 4-11, 3M MANUAL, OPNAVINST 4790.2J, 4790.4D, NSTM 001)**

M1	Percent	Of equipment operational ready.
M2	Percent	Of equipment deadlined for maintenance.
M3	Percent	Of equipment deadlined for supply.

NTA 4.3.3.1 Substitute

To provide suitable replacement parts from the logistics supply system in place of those routinely provided but currently not available. It includes the removal of serviceable parts, components, and assemblies from unserviceable or not economically repairable equipment (materiel authorized for disposal). It also includes the immediate reuse of these parts in restoring a like item of equipment to a combat-operable or serviceable condition. **(JP 4-0, NDP 4, NWP 4-07, 4-08, 4-09, MCWP 4-1, MCWP 4-11, 3M MANUAL, OPNAVINST 4790.2J, 4790.4D, NSTM 001)**

M1	Percent	Of the support policies and procedures were completed using the JOPES planning process.
M2	Percent	Operational ready capable equipment.
M3	Percent	TPFDD maintenance units deployed and operational.

NTA 4.3.3.2 Exchange and Return

To issue serviceable materiel in exchange for unserviceable materiel on an item-for-item basis. It also includes the turnaround of equipment to the battle or supply system. **(JP 4-0, NDP 4, NWP 4-07, 4-08, 4-09, MCWP 4-1, MCWP 4-11, 3M MANUAL, OPNAVINST 4790.2J, 4790.4D, NSTM 001)**

M1	Percent	Of the support policies and procedures completed using JOPES planning process.
M2	Percent	Of equipment operational ready.
M3	Percent	Of TPFDD maintenance units deployed and operational.

NTA 4.4 Provide Personnel and Personnel Support

To provide support to units and individual Service members, as well as providing units with trained, healthy, fit personnel. This task includes civilian and contract personnel. This task includes planning and management of civilian and military personnel authorizations billet structure and related activities, Drug and Alcohol Abuse Program, Military Equal Opportunity Support, 1st Lieutenant/Self Help, civilian personnel management, equal employment opportunity (EEO), injury compensation and employee/labor relations services. Services include correspondence management, mail management, information management, Admin data calls, directives management, messages, POD/POW, telephone directories, official ceremonies, travel arrangements and publications management. **(JP 1-0, 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, MCWP 4-1, MCWP 4-11, NAVPERSMAN 15560)**

M1	Percent	Of unit and non-unit personnel scheduled to move to mobilization station or POEs arrived IAW planned arrival dates and times.
M2	Percent	Of units actual manning meets or exceeds authorized manning.
M3	Percent	Of unit personnel requirements are provided at D-Day.

NTA 4.4.1 Distribute Support and Personnel

To provide support and replacements to military units. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, MCWP 4-1, MCWP 4-11, NAVPERSMAN 15560)**

Note: NTA 4.5, *Provide Transport Services* applies to this task.

M1	Hours	To complete TPFDD for refinement conference.
M2	Personnel	Replacements transported daily.
M3	Percent	Of total required replacements filled.

NTA 4.4.1.1 Provide Personnel Readiness Management

To distribute personnel to subordinate commands based on documented manpower requirements or authorizations to maximize mission preparedness. To provide for reception, staging, onward movement, and integration (RSOI) of military and civilian personnel. This includes replacements and return-to-duty personnel. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, MCWP 4-1, MCWP 4-11, NAVPERS 15560, CNRF 5420.12, CNRF 1001.5E, BUPERSINST 1001.39E, OPNAVINST 1000.16A, OPNAVINST 11010.20G)**

M1	Number	Of record transactions accomplished correctly.
M2	Percent	Of record transactions accomplished correctly.
M3	Number	Of personnel provided per command.

NTA 4.4.1.2 Provide Personnel Accounting and Strength Reporting

To record by-name data on personnel when they arrive in and depart from units, when their duty status changes, and when their grade changes. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, MCWP 4-1, MCWP 4-11, NAVPERS 15560)**

M1	Number	Record errors.
M2	Number	Personnel assigned incorrectly.
M3	Percent	Of total transactions with record errors.

NTA 4.4.1.3 Provide Replacement Personnel Management

To provide replacement management for the physical reception, accounting, processing, support, and delivery of military (replacements, return-to-duty, transient) and civilian personnel. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, MCWP 4-1, MCWP 4-11, NAVPERS 15560)**

M1	Number	Of personnel processed daily.
M2	Hours	Average time to process an individual.

NTA 4.4.1.4 Perform Casualty Operations and Mortuary Affairs Management

To record, report, verify, and process casualty information and provide for the necessary care and disposition of deceased personnel and their personal property. **(JP 4-0, 4-06, NDP 4, NWP 4-09, NAVPERS 15560)**

M1	Percent	Of Tasks completed to establish a joint mortuary affairs office (JMAO).
M2	Percent	Of required mortuary collection points, field processing centers, personal effects depots, and US cemeteries in the theater established.
M3	Days	Delay in identification, care, and evacuation or disposition of deceased personnel due to lack of graves registration units.

NTA 4.4.1.5 Execute Casualty Assistance Calls Program

To make personal notification of a casualty, provide circumstances of an incident, and keep the next of kin (NOK) informed of search efforts on those members reported in a missing status. To inquire of the needs of the family and extend assistance. To perform administrative tasks in support of a casualty including contacting the Navy-Marine Corps Relief Society, American Red Cross or other service organizations, assist in arrangement of funeral or memorial services, and offer assistance in completion of survivor benefits applications. Also includes assisting in transportation requirements, dependent escort, and monitoring shipment progress of household goods and personal effects. **(JP 1-05, NDP 4, NAVPERS 15560, OPNAVINST 1770.1)**

M1	Hours	To complete notification of NOK.
M2	Hours	To appoint casualty assistance calls officer (CACO).

NTA 4.4.2 Perform Fleet/Field Services

To perform logistic service tasks for units in the theater, to include clothing exchange and shower/bath, mail, laundry, food, and sanitary services. **(JP 3-0, 4-0, NDP-4, NWP 4-09, MCWP 4-1, MCWP 4-11, NAVSUP P484, P485, P486, P487)**

M1	Percent	Of personnel provided with required individual clothing and equipment.
M2	Days	Between access to laundry and bath facilities.
M3	Days	Between deviation from standard in distributing mail to unit level.

NTA 4.4.2.1 Provide Billeting, Berthing, Family Housing, and Related Services

To provide short and long-term housing for military, dependents, and associated civilian support personnel. Includes billeting/berthing/ housing management and related services. **(DoD Manual 4165.63M)**

M1	Days	To provide finished housing.
M2	Percent	Of quarters provided meets standard.
M3	Percent	Of quarters provided meets is substandard.

NTA 4.4.2.2 Provide Food Services

To furnish meals for personnel. **(JP 4-0, 4-01.5, CJCSM 3122.03, NDP 4, NWP 4-09, MCWP 4-1, MCWP 4-11, NAVSUP P486)**

M1	Number	Of personnel
M2	Number	Hot meals served.
M3	Days	Between hot meals.

NTA 4.4.2.3 Provide Exchange and/or Commissary Services

To provide goods and services at a savings to military personnel and their families. Ships' stores provide personal necessities as well as laundry, dry cleaning, and barber facilities. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, MCWP 4-1, MCWP 4-11, NAVSUP P487, Title 10 Chapter 159, DoD Directive 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Days	After deployment of forces before establishment of adequate armed forces exchange or ship's store ashore.
M2	Days	After deployment of forces before establishment of adequate laundry, dry-cleaning and/or barber services facilities.
M3	Days	Between resupply for military exchange, ship's store ashore or laundry, dry-cleaning and/or barber services facilities.

NTA 4.4.2.4 Provide Billeting to Noncombatant Evacuees

To use available military resources (including afloat and ashore) to provide accommodations, food and emergency supplies to U.S. dependents, U.S. Government civilian employees, and private citizens (U.S. and third nation) who have been evacuated from the area of operations. **(JP 1, 3-0, 3-07, 3-07.5, 5-00.2, NDP 1, 6, NWP 3-07)**

M1	Y/N	Were supplies sufficient to accommodate personnel?
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NTA 4.4.3 Perform Personnel Administrative Service Support

To support forces with personnel administration, financial, and resource management services; religious ministry support activities; and public affairs and legal services. **(JP 1-05, 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, NAVPERS 15560)**

M1	Percent	Of required component personnel services capabilities are in place and operational by the day the operational deployment begins (C-Day).
M2	Number	Complaints.
M3	Number	Complaints per 1000 customers.

NTA 4.4.3.1 Provide Career and Other Personnel and Administrative Services

To attract and retain the numbers of quality personnel needed to meet manpower requirements. To maintain an effective fighting force by recognizing personnel achievements and promoting qualified personnel. This task includes awards programs, reenlistment and continuation incentive programs, and a career information and counseling program. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, NAVPERS 15560)**

M1	Percent	First term retention rate.
M2	Days	To process awards.
M3	Days	To process promotions.

NTA 4.4.3.2 Conduct Postal Operations

To provide a network to process mail (including e-mail) and provide postal services. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, MCWP 4-1, MCWP 4-11, NAVPERS 15560)**

M1	Days	To process mail.
M2	Tons	Of backlogged mail (by class).
M3	Percent	Of routes have alternative routing sites.

NTA 4.4.3.3 Provide Morale, Welfare, and Recreation Services

To provide personnel with recreational and fitness activities and goods and services. **(DODINST 1015.10)**

M1	Days	To establish adequate recreation/fitness facilities.
M2	Hours Per Day	Allotted to personal leisure/recreational/fitness activities.
M3	Percent	Of personnel out of commission due to lack of or deficient physical conditioning.

NTA 4.4.3.4 Provide Band Support

To provide music to enhance unit cohesion and the morale of naval personnel; to support civil-military operations, multinational operations, recruiting operations, and national and international community relations operations; and to support civil affairs and psychological operations. **(JP 4-0, CJCSM 3122.03, NAVPERS 15560)**

M1	Number	Events scheduled.
M2	Percent	Of requests for events were scheduled.
M3	Percent	Of events scheduled were provided.

NTA 4.4.4 Perform Financial Services

To perform financial services for military personnel, civilians, and foreign nationals. These services include commercial accounting, pay disbursement, accounting, travel pay, and financial technical advice and guidance. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, MCWP 4-1, MCWP 4-11, NAVPERS 15560, NAVSO P3050, P6048)**

M1	Number	Of actions performed.
M2	Days	Delay in processing action.
M3	Dollars	Processed per day.

NTA 4.4.5 Provide Religious, Spiritual, Moral, and Morale Support

To advise the commander on matters of religion, moral, and morale concerns. To provide religious support and provide religious program personnel both ashore and afloat. To evaluate and assist command religious programs under the commander's authority. **(JP 1-05, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, MCWP 6-12, NAVPERS 15560)**

M1	Number	Of services provided.
M2	Percent	Of personnel with services available.
M3	Percent	Of religions/denominations provided services.

NTA 4.4.6 Provide Childcare Services and Youth Recreation Programs

To provide childcare services and youth recreation programs for infants through the age 18, in support of the parenting needs of active duty personnel. The Child and Youth program operates child development centers (CDC), child development homes (CDH), school-age care (SAC)/youth programs and childcare alternative options in contract spaces. **(Public Law 104-106, DODINST 6060.2, 6060.3, 6060.4, OPNAVINST 1700.9E)**

M1	Percent	Of youth participation
M2	Y/N	CDC/CDH/SAC/Youth Program DOD certified
M3	Days	CDC/CDH/SAC Childcare waiting list turnover

NTA 4.4.7 Provide Fleet and Family Support for Deployment, Crisis Response and Career Support and Retention

To provide Fleet and Family Support services that directly support deployment and mission readiness by preparing service and family members to anticipate, understand and cope with the demands associated with the Navy lifestyle and operating tempo. Also includes crisis response activities, such as clinical counseling, victim advocacy, family advocacy, casualty/disaster response, prevention education, critical incident intervention and mobilization/repatriation. This task includes services integral to increasing service member retention and building family support for active duty retention. **(OPNAV 1754.1A)**

M1	Percent	Of Personnel Standards met
M2	Percent	Of Personnel Training Standards met.
M3	Percent	Of deployable readiness programs and service standards met.

NTA 4.4.8 Provide DoD School Support

To provide facility support to dependent schools overseas, which are under the cognizance of the Department of Defense Education Activity (DoDEA). Facilities include, but are not limited to, school buildings, athletic facilities, libraries, and dormitories. **(Title 10 Chapter 159, DoD Directive 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Percent	Of facilities adequate with respect to condition
M2	Percent	Of facilities adequate with respect to functionality.
M3	Percent	Of Facility Condition Assessment Inspections completed on schedule

NTA 4.4.9 Provide Personal Property Services

To provide personal property (household goods) services for military and government civilian personnel. These services include processing personal property requests, inbound and outbound shipments (including Personally Procured Moves (PPM)), outbound non-temporary storage (NTS), local moves, damage claims, and POV support. **(Defense Transportation Regulation DOD 4500.9-R, NAVSUP 490)**

M1	Percent	Of shipping applications processed within 3 business days of receipt
M2	Percent	Of outbound shipments picked up within 1 day of scheduled date
M3	Percent	Of inbound shipments delivered within 1 day of scheduled date

NTA 4.5 Provide Transport Services

To distribute logistic support in the form of material, support services, and personnel to military units and others by employing transportation services. To move materiel or personnel by towing, self-propulsion, or carrier via any means, such as railways, highways, waterways, pipelines, oceans, Logistics over-the-shore (LOTS), Joint LOTS (JLOTS), and airways. This task includes technical operations and moving and evacuating cargo, personnel, and equipment. At aerial and seaports of debarkation, responsibilities of transportation support include off-load, operational control of the ports and beaches, and management of the throughput. **(JP 1, JP 0-2, 3-07.3, 4-0, 4-01, 4-01.2, 4-05, NDP 1, 4, NWP 4-01 Series, NTPP 3-02.3, MCWP 4-1, MCWP 4-11, FMFM 4-1)**

M1	Days	Delay in operations due to late arrivals.
M2	Percent	Of fire missions delayed or canceled due to ammo shortfall.
M3	Percent	Of required support material was distributed during execution at the time and place required.

NTA 4.5.1 Load/Offload, Transport, and Store Material

To provide mobile, long-term prepositioning and short-term deployment/ redeployment of unit equipment and supplies in support of designated elements. Includes afloat pre-positioning shipping (APS) for land forces and expeditionary pre-positioning shipping (maritime pre-positioning forces (MPF)) for expeditionary forces and forces to offload that shipping (e. g., cargo handling (CH) battalion). To provide strategic sealift in support of the rapid deployment of heavy mechanized combat units, for movement of an aviation IMA to a contingency area to support a designated mix of fixed-wing, tilt-rotor, and helicopter aircraft in an expeditionary environment, and to provide crane ships or other services to discharge cargo in less developed or war damaged ports on a worldwide basis. Task includes management of the inventory and facilities support for special warfare and expeditionary forces and operations, maintenance and wash down of associated equipment, and

the loading and unloading of landing craft. (JP 1, 4-0, 4-01.5, NDP 4, NWP 4-01 Series, NTPP 3-02.3, MCWP 4-1, MCWP 4-11, Title 10 Chapter 159, DoD Directive 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)

M1	Number	Passengers per day transported in support of operations.
M2	Ton miles	Of supplies and equipment transported per day.
M3	Hours	To establish a joint movement center (JMC) upon arrival in theater.

NTA 4.5.2 Provide or Contract for Shipping

To provide government owned or contracted vessels for transportation services. Includes providing worldwide capabilities of shipping dry cargo (general break bulk or containerized), fluids of various nature and type, and refrigerated or frozen goods. To provide worldwide coverage in point-to-point ocean transport services (i.e., ocean transport tankers, dry cargo common user ocean transport ships). Task includes providing ice-strengthened shipping, roll-on/roll-off (RO/RO) ships, and barges (including for lighter aboard ship (LASH)/Navy construction engineers (SEABEES)) when required. Task also includes planning and provisioning for fast surge capacity for large volume of military equipment and the overall management and prioritization of lift. (JP 4-0, 4-01.2, NDP 4, NWP 4-01 Series)

M1	Percent	Of ships available within required time.
M2	Days	Before contract awarded to meet lift requirement.
M3	Percent	Of government vessels activated within standards.

NTA 4.5.3 Provide Position Reports for In Transit Visibility

To maintain timely and accurate status of cargo/passenger movement. (JP 4-0, 4-01.2, NDP 4, NWP 4-01 Series)

M1	Hours per day	Required to locate items during transit.
M2	Percent	Of supplies sent to correct destination.
M3	Hours	Communications connectivity not available.

NTA 4.5.4 Transport Personnel and Cargo

To provide the means for and to transport personnel and/or cargo. (JP 1, 4-0, 4-01, 4-01.2, NDP 1, 4, NWP 4-01 Series)

M1	Number	Passengers transported per day.
M2	Percent	Of passengers arrive on time at final destination.
M3	Number	Passengers stranded in transit each day.

NTA 4.5.4.1 Transport Personnel

To provide the means and to transport personnel. (JP 1, 4-0, 4-01, 4-01.2, NDP 1, 4, NWP 4-01 Series)

M1	Number	Passengers per day transported.
M2	Percent	Of passengers arrive on time at final destination.
M3	Number	Passengers stranded in transit each day.

NTA 4.5.4.2 Transport Cargo

To provide the means for and to transport cargo. (JP 1, 4-0, 4-01, 4-01.2, NDP 1, 4, NWP 4-01 Series)

M1	Tons	Of cargo transported each day.
M2	Y/N	Were sufficient assets available to transport required cargo?

NTA 4.5.5 Provide Materials Handling Equipment (MHE)/Weight Handling Equipment (WHE)

To provide specialized mechanical devices to assist in rapid handling (offloading aircraft, landing craft, and shipping, and uploading to other means of transportation or storage) of supplies, materiel, and equipment. This task includes providing qualified personnel to operate MHE/WHE. (JP 4-0, 4-01.5, NDP 4, NWP 4-01 Series, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series, FMFM 4-1)

M1	Hours	To attain all required MHE.
M2	Percent	Of authorized MHE.
M3	Percent	Of required personnel qualified to operate MHE.

NTA 4.5.6 Construct, Maintain, and Operate Logistics Over-The-Shore

To provide means to transport material from vessels in stream to the shore when other means are unavailable (i.e., lack of port facilities). To construct, maintain, and operate LOTS and JLOTS facilities to provide for movement of equipment, personnel, and supplies from amphibious and follow-on echelon shipping in the absence of established port facilities. This task is accomplished through the erection of elevated causeway sections (ELCAS), lighterage for ship-to-shore transport, and the emplacement of AABFS and OPDS. (JP 1, 4-0, 4-01.6, NDP 1, 4, NTP 3-02.3, NWP 4-01 Series)

M1	Tons	Of supplies offloaded per day.
M2	Percent	Of authorized equipment and supplies available to conduct offload.
M3	Percent	Of supplies lost or destroyed during offload.

NTA 4.6 Supply the Force

To receive, store, issue, and resupply materiel for military units and others. Includes contracting, receipt, storage, inventory control, and issuance of end items, repairable and consumable materiel, and management of retrograde both at sea and ashore. (JP 3-0, 4-0, NDP-4, NWP 4 Series, 4-08, MCWP 4-1, MCWP 4-11, NAVSUP PUB Series)

M1	Days	To begin unloading of ships upon arrival in theater.
M2	Days	Late delivery of replenishment stocks.
M3	Days	Of supplies stockpiled to support campaign.

NTA 4.6.1 Provide General Supply Support

To supply Class I (subsistence), Class II (clothing, individual equipment, tools), Class IV (barrier and construction material), and Class VII (major end items). **(JP 3-0, 4-0, NDP 1, 4, NWP 4-08, MCWP 4-1, MCWP 4-11, NAVSUP P484, P485)**

M1	Percent	Of requisitions filled.
M2	Percent	Of required delivery dates (RDD) achieved.
M3	Percent	Of requisitions filled by substitutes.

NTA 4.6.2. Manage Supplies

To provide all required supplies when and where the user needs them. To include requesting, procuring, receiving, storing, and issuing supplies. **(JP 3-0, 4-0, 4-01, NDP 4, NWP 4Series, 4-08, 4-09, MCWP 4-1, MCWP 4-11, NAVSUP P484, P485)**

M1	Days	To begin unloading of ships upon arrival in theater.
M2	Days	Late delivery of replenishment stocks.
M3	Days	Of supplies stockpiled to support campaign.

NTA 4.6.2.1 Provide Preparation, Preservation, and Packaging (PP&P) of Supplies and Equipment

To provide the means to safeguard supplies and equipment in transit and to facilitate their handling and storage. **(JP 4-0, 4-01, NDP 4, NWP 4-01, MCWP 4-1, MCWP 4-11, NAVSUP P484, FMFM 4-1)**

M1	Percent	Of supplies and equipment received undamaged.
M2	Percent	Of required PP&P equipment available.
M3	Hours	To complete required PP&P of material.

NTA 4.6.3 Provide Underway Replenishment (UNREP)

To conduct underway replenishment in support of operating forces by providing refrigerated stores, dry provisions, repair/spare parts, general stores, fleet freight, mail, personnel, petroleum, oils, and lubricants (POL), ammunition, and other items to all classes of afloat units. **(JP 1, 3-0, 4-0, NDP 4, NWP 4-01.4, NAVSUP P484, P485)**

M1	Percent	Of actual vs. planned time alongside.
M2	Percent	Of transfer rates meet class standards.
M3	Percent	Of actual vs. planned time to prepare for UNREP evolution.

NTA 4.6.4 Provide Inport Replenishment

To conduct replenishment inport in support of operating forces by providing refrigerated stores, dry provisions, repair/spare parts, general stores, fleet freight, mail, personnel, POL, ammunition, and other items to all classes of afloat units. **(JP 4-0, 4-01, NDP-4, NWP 4-08, MCWP 4-1, MCWP 4-11, NAVSUP P484, P485)**

M1	Tons	Frustrated cargo at a specific time.
M2	Percent	Of supply on hand.
M3	Tons per day	Of supplies delivered to units.

NTA 4.6.5 Provide Vertical Replenishment

To conduct vertical replenishment in support of operating forces by providing refrigerated stores, dry provisions, spares, general stores, fleet freight, mail, personnel, ammunition, and other items with helicopters. **(JP 4-0, 4-01, NDP-4, NWP 4-01.4, NAVSUP P484, P485, P486)**

M1	Lifts/hr	Of vertical replenishments.
M2	Percent	Of planned time required to complete.
M3	Tons per day	Of supplies delivered to units.

NTA 4.6.6 Provide Air Delivery

The delivery and unloading of personnel or materiel from aircraft in flight. **(JP 1, 3-0, 4-0, MCWP 4-1, 4-11, NDP-4, NWP 4-01, NAVSUP PUB Series)**

M1	Percent	Of equipment undamaged.
M2	Percent	Of personnel receive injuries.
M3	Percent	Of air deliveries on time, on target.

NTA 4.6.7 Provide Carrier Onboard Delivery/Vertical Onboard Delivery (COD/VOD) Delivery

Provide for the delivery of personnel and repair parts to fleet units via COD and VOD assets. **(JP 4-0, JP 4-01, NDP-4, NWP 4-01, 4-01.4, NAVSUP PUB Series, MCWP 4-1, MCWP 4-11)**

M1	Percent	Of missions scheduled are completed.
M2	Percent	Of COD/VOD deliveries meet scheduled estimated time of arrival (ETA).

NTA 4.7 Perform Civil Military Engineering Support. To repair and construct facilities and lines of communication, and to provide water, utilities, and other related infrastructure. **(JP 3-0, 3-02, 3-10, 4-0, 4-01.5, 4-01.6, 4-04, 5-00.2, NDP-4, NWP 4-04, NTTP 4-04.1)**

M1	Time	To identify and marshal forces to construct facilities in OA.
M2	Time	Establish berthing and subsistence support.
M3	Time	To restore essential utilities in the rear areas.

NTA 4.7.1 Perform Construction Engineer Services

To construct or renovate temporary and/or permanent facilities (well drilling, water purification and distribution systems, pipeline installation). This task includes constructing marshaling, distribution, and water purification and storage facilities. Task also includes constructing pipelines, constructing/renovating fixed facilities, drilling wells for water, and dismantling fortifications. **(JP 3-0, 4-0, 4-01.5, 4-04, 4-05, NDP 4, NWP 4-04, 4-04.1)**

M1	Time	To identify and marshal forces to construct/dismantle facilities in OA.
M2	Gal/day	Of purified water provided.
M3	Time	To restore essential utilities in the rear areas.

NTA 4.7.1.1 Conduct Engineer Reconnaissance

To collect data that provides information on terrain, hydrographic, meteorological, and infrastructure characteristics, such as built-up areas, transportation networks, utilities, existing natural or manmade obstacles, necessary to support commanders for ongoing or future operations. **(JP 3-34, MCWP 3-17)**

M1	Percent	Of reconnaissance completed in time to support mission requirements
M2	Percent	Of collection requirements fulfilled by appropriate assets
M3	Percent	Of LOCs correctly classified

NTA 4.7.1.2 Conduct Horizontal Construction

To conduct construction and/or maintenance of roads and trails, Main Supply Routes (MSR), airfields, site preparation for structures or construction of base camps, command posts, and maintenance facilities. This task includes asphalt roads and runways, paved storage, staging, parking areas, soil stabilization, drainage system installation, and other actions required to shape the terrain to meet operational requirements. **(JP 1-0, 3-0, 3-34, 4-0, 4-01, 4-01.5, 4-34, 4-05, MCWP 3-17, NDP 4, NWP 3-10, 4-01, 4-04, 4-04.1 Series, NTTP 4-04.1)**

M1	Percent	Of construction tasks correctly planned and estimated.
M2	Percent	Of work in place executed correctly and completed on schedule.
M3	Y/N	Project material properly identified and scheduled to support project completion on time IAW project plans and specifications.

NTA 4.7.1.2.1 Conduct Airfield Damage Repair.

To conduct Airfield Damage Repair (ADR) during base recovery after an attack or damage on airfield runways and taxiways. This task includes repairing spalls, FOD removal, small and large crater repair, or any combination of these effects. This task also includes repairs to central base camp power, sewage and water, petroleum, oil and lubricant (POL) distribution systems, and communication systems. **(MCWP 3-17, NWP 4-04, NTTP 4-04.1, NTRP 4-04.2.1)**

M1	Hours	To commence repair of airfield or LZ upon notification.
M2	Percent	Of projects completed in time to meet mission requirements.
M3	Hours	Delay in project completion due to lack of quality workmanship (rejection of work)

NTA 4.7.1.3 Conduct Vertical Construction.

To construct, improve, and maintain encampments, combat service support areas (CSSAs), and other forward logistics sites and required support facilities. This task includes site preparation, facility inspection, construction, and erecting or assembling pre-engineered structures or Advance Base Functional Component (ABFC) facilities. **(JP 3-34, NWP 4-04, NTTP 4-04.1, NTRP 4-04.2.1).**

M1	Percent	Of construction tasks correctly planned and estimated.
M2	Percent	Of work in place executed correctly and completed on schedule.
M3	Y/N	Project material properly identified and scheduled to support project completion on time IAW project plans and specifications

NTA 4.7.1.4 Conduct Utilities Construction

To construct and repair electrical systems, water pipelines, sewage collection systems, and drainage systems. (MCWP 3-17, NWP 4-04, NTTP 4-04.1, NTRP 4-04.2.1)

M1	Percent	Of construction tasks correctly planned and estimated.
M2	Percent	Of work in place executed correctly and completed on schedule.
M3	Y/N	Project material properly identified and scheduled to support project completion on time IAW project plans and specifications

NTA 4.7.1.5 Perform Underwater Construction Engineer Services

To construct or renovate permanent waterfront facilities, such as piers, wharfs, underwater cable systems, underwater pipelines, and mooring systems. This task includes underwater engineering, construction, repair, and inspection support, site surveying, design, and construction of underwater projects including piers, bulkheads, and other structures to support seaports of embarkation (SPOE) and seaports of departure (SPOD). (JP 3-57, NWP 4-04, NTTP 4-04.1, NTRP 4-04.2.1)

M1	Percent	Of construction tasks correctly planned and estimated.
M2	Percent	Of work in place executed correctly and completed on schedule.
M3	Y/N	Project material properly identified and scheduled to support project completion on time IAW project plans and specifications

NTA 4.7.1.6 Perform Bridging

To perform bridging support for gap-crossing operations critical to mobility. This task includes installing and/or supervising other units in the installation of standard and nonstandard, and permanent construction bridging, including planning and controlling bridging operations in support of mobility operations. Types of gap crossings include: river-crossing operations; dry-gap crossing; over bridging operations; and nonstandard bridging operations. (MCRP, 3-17A, MCWP 3-17, 3-17.1, NWP 4-04, NTTP 4-04.1, NTRP 4-04.2.1)

M1	Hours	To assess situation and develop engineering solution
M2	Y/N	Bridge properly classified
M3	Percent	Of project completed in time to meet mission requirements.

NTA 4.7.1.7 Conduct Facilities Operations and Maintenance

Conduct public works and maintenance management operations to maintain and repair existing advance base shore facilities. This task includes maintaining water production as well as steam and electrical power generation and distribution systems for advance base facilities, and maintenance of structures of all types including wood, prefabricated, steel and concrete, roads and other paved areas. (MCWP 3-17, NWP 4-04, NTTP 4-04.1, NTRP 4-04.2.1)

M1	Percent	Of construction tasks correctly planned and estimated
M2	Percent	Of work in place executed correctly and completed on schedule

M3	Y/N	Project material properly identified and scheduled to support project completion on time IAW project plans and specifications.
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NTA 4.7.2 Provide or Obtain Engineer Construction Material

To acquire or obtain material needed to construct or repair facilities or lines of communication. **(JP 4-0, 4-04, NDP 4, NWP 4-04, 4-04.1, 4-08, NAVSUP P484, P485)**

M1	Time	Delay in construction commencement.
M2	Percent	Of material non-usable.
M3	Percent	Of required material inbound/supplied.

NTA 4.7.3 Perform Rear Area Restoration

To repair rear area facilities damaged by combat (clear rubble, restore electrical power), natural disaster, or other causes. **(JP 3-0, 3-10, 3-10.1, 4-0, 4-04, NDP 4, NWP 4-04, 4-04.1)**

M1	Time	To restore operations.
M2	Percent	Of facilities beyond repairs.
M3	Percent	Of required equipment available.

NTA 4.7.4 Conduct Port Operations

To organize and supervise port operations to support build up of forces ashore. This will include port loading, port safety, ships' scheduling, establishing navigation aids/vessel traffic systems, and dredging for safe navigation. **(JP 1, 4-0, 4-01.5, NDP 4, NWP 3-10 Rev A, 4-01, 4-01.1)**

M1	Days	Downtime for critical facilities.
M2	Days	Required to make facilities operational.
M3	Number	Of berth facilities/anchorages available.

NTA 4.7.5 Perform Lines of Communication (LOC) Sustainment

To maintain land, water, and air routes that connect an operating military force with one or more bases of operations and along which supplies and reinforcements move. Task includes constructing/maintaining roads, highways, over-the-shore facilities, ports, railroad facilities, and repairing/expanding existing airfield facilities. Task also includes raising and removing grounded or sunken vessels and providing towing services for ships with propulsion system casualties or non-self propelled craft. **(JP 1, 0-2, 3-0, 4-0, 4-01, 4-04, NDP 4, NWP 3-10 Rev A, 4-01 Series, 4-04, 4-04.1, U.S. Navy Salvage Manual Vol. I (NAVSEA PUB SO300-A6-MAN-010) and Vol. II (NAVSEA PUB S300-A6-MAN-030), U.S. Navy Towing Manual (NAVSEA SL740-AA-MAN-020))**

M1	Time	Delay in scheduled arrivals due to LOC interruption.
M2	Time	Average delay in scheduled arrivals due to LOC interruption.
M3	Percent	Of maintenance equipment/supplies on hand to maintain routes.

NTA 4.7.6 Supply Electric Power

To supply electric power generation and distribution to military units through fixed or mobile generation, and/or a tactical distribution grid system. (JP 4-0, 4-04, NDP 4, NWP 4-04, 4-04.1, FMFM 4-1)

M1	Percent	Of generation system operational.
M2	Percent	Of required kW provided.
M3	Hours	Of power in excess of maintenance standards.

NTA 4.7.7 Provide Water

To produce, purify, store, and distribute water to the force. (JP 4-0, 4-04, NDP 4, NWP 4-04, 4-04.1, FMFM 4-1)

M1	Percent	Of generation system operational.
M2	Percent	Of required gallons provided.
M3	Percent	Of required purified water available.

NTA 4.7.8 Provide Humanitarian Support

To provide engineering and construction support and repair for Humanitarian Assistance to include repair of local facilities (buildings, bridges, roads, electrical distribution systems, water distribution and purification systems, sewage removal, etc.), and distribution of relief supplies. (JP 1, 3-0, 3-07, 3-07.6, 4-0, 4-04, NDP 1, 4, NWP 3-07, 4-04)

M1	Days	Downtime for critical facilities.
M2	Days	Relief supplies on hand.
M3	Days	Required to make facilities operational.

NTA 4.7.9 Provide Environmental Disaster Relief Support

To provide support for environmental disaster relief, to include identification and location of hazardous environment, securing potential environmental hazards. Environmental hazards may include oil, hazardous materials, biological, or radiological substances. Task includes the transport and deployment of clean-up materials, hazard control/clean-up of hazardous releases, decontamination, and worker health safety. It also includes providing messing, berthing, and hotel services for other agency workers, and providing command and control facilities. In addition, the task covers the management of environmental hazards and, if required, the transport and evacuation of personnel. This task prevents or minimizes enemy environmental exploitation. (JP 1, 3-0, 3-07, 3-57, 4-0, 4-04, NDP 1, 4, NWP 3-07, 4-04 Series, COMDTINST 16450.1, COMDTINST 16465.1)

M1	Hours	Until force on scene.
M2	Percent	Of cleanup material present.
M3	Days	Habitability restored.

NTA 4.7.10 Provide Environmental Remediation (Hazardous Waste Clean-Up)

To provide environmental engineering and remediation (hazardous waste clean-up) for in-theater real estate used by U.S. forces. (JP 3-0, 3-07, 3-57, 4-0, 4-04, NDP 4, NWP 4-04 Series, 4-11)

M1	Days	To complete operation.
M2	Percent	Of residual remaining.
M3	Incidents	Of personnel injuries due to clean up.

NTA 4.7.11 Provide Chiller Plant and Air Conditioning Services

To provide Chiller Plant and Air Conditioning services. Task includes air-conditioning and chilled water equipment and associated distribution systems. (OPNAVINST 11000.16A, OPNAVINST 11010.20G)

M1	Y/N	Are chiller plant and air conditioning services available to meet mission requirements?
M2	Number	Of line breaks during the previous 12 months per length of system in miles
M3	Percent	Of heating and air conditioning available to mission critical facilities

NTA 4.7.12 Provide Natural Gases, Compressed Gases, and Miscellaneous Utilities

To provide natural gas for heating or as a fuel for a central power plant and to provide compressed gas systems, including the operation of pneumatic power plants, systems, and buildings and maintenance of pneumatic power, acetylene, nitrogen, hydrogen, and oxygen generating plants. It also includes helium processing/storage facilities, ice-making plants, energy monitor and control systems, and centralized cathodic protection systems. (OPNAVINST 11000.16A, OPNAVINST 11010.20G)

M1	Y/N	Is natural gas available to meet mission requirements?
M2	Y/N	Are compressed gases and miscellaneous utilities available to meet mission requirements?
M3	Number	Of line breaks during the previous 12 months per length of system in miles

NTA 4.7.13 Provide Steam and Hot Water Heating

To provide steam to a steam distribution system for delivery to multiple buildings. (OPNAVINST 11000.16A, OPNAVINST 11010.20G)

M1	Y/N	Are steam and hot water heating available to meet mission requirements?
M2	Number	Of line breaks during the previous 12 months per length of system in miles
M3	Percent	Of steam service available to facilities with direct support function to the warfighter

NTA 4.7.14 Collect, Treat, and Dispose of Sewage

To provide sewage treatment and distribution services. This task includes collection, treatment and disposal of sewage and industrial waste. (OPNAVINST 11000.16A, OPNAVINST 11010.20G)

M1	Y/N	Are sewage treatment and distribution services available to meet mission requirements?
M2	Number	Of line breaks during the previous 12 months per length of system in miles
M3	Number	Of annual violations

NTA 4.8 Conduct Civil Affairs in Area

To conduct those activities that embrace the relationship between the military forces and civil authorities/people in a friendly country or area or in an occupied country or area when military forces are present. **(JP 3-0, 3-05, 3-07 Series, 3-53, 3-57, 4-0, 5-00.2, NDP 1, NWP 3-07, 3-10 Rev A)**

M1	Days	After identification of need, adequate shelter procured.
M2	Incidents/Day	Of Military actions against civilians.
M3	Days	Required to organize relief effort in country.

NTA 4.8.1 Support Peace Operations

To provide logistics, medical, and other services to mixed populations in support of disaster relief, humanitarian assistance, and civil action programs. **(JP 1, 3-0, 3-07, 3-57, 4-0, NDP 1, 4, NWP 3-07, 4-02 Series)**

M1	Days	To determine solution.
M2	Tons	Food/medical provided to right agencies.
M3	Days	Until infrastructure restored.

NTA 4.8.2 Provide Staff Support

To advise the commander on matters relating to the state of morale and welfare including health, sanitation, and medical readiness. **(JP 3-0, 4-0, 5-00.2, CJCSM 3122.03, NDP 1, 4)**

M1	Hours	To assess the situation and define assistance needed.
M2	Percent/Hours	Delivered to correct agencies.
M3	Hours	Required to distribute supplies and services.

NTA 4.8.3 Provide Interagency Coordination

To coordinate civil affairs, security, and emergency management with local, state and federal agencies and to facilitate information sharing and cooperation. This collaborative relationship supports the National Response Plan (NRP) and the National Incident Management Plan (NIMP). **(JP 3-0, 3-05, 3-07 Series, 3-53, 3-57, 4-0, 5-00.2, NDP 1, NWP 3-07, DoD 2000.12-H, DoD 2000.16, DoD 3020.40, USNORTHCOM OPORD 05-01)**

M1	Number	Of incidents/situations requiring coordination
M2	Hours	To assess situation and define assistance needed
M3	Number	Incidents of failed/ineffective coordination

NTA 4.8.3.1 Provide Customs Support

Conduct Customs and Agricultural Pre-clearance entry requirements prior to redeployment. This includes inspections and examinations of Department of Defense personnel, cargo, and equipment returning to the customs territory of the United States. **(DoD 4500.9R Defense Transportation Regulation (DTR Part V), DoD 5030.49 Customs & Border Clearance Program)**

M1	Hours	To report custom inspection results to the US border entry point and to the military customs staff advisor.
M2	Percent	Of redeploying unit personnel and equipment examined or inspected.
M3	Percent	Of violations of border crossing laws and regulations reported to supported commander and appropriate law enforcement agencies.

NTA 4.8.4. Coordinate with Nongovernmental Organizations

To coordinate civil affairs with appropriate NGOs, including private voluntary organizations (PVOs). (JP 3-0, 3-05, 3-07 Series, 3-53, 3-57, 4-0, 5-00.2, NDP 1, NWP 3-07)

M1	Number	Of incidents/situations requiring coordination.
M2	Hours	To assess situation and define assistance needed.
M3	Number	Incidents of failed/ineffective coordination.

NTA 4.8.5 Maintain Cultural Awareness

To maintain cultural awareness, ensuring personnel understand a region's or nation's culture and appreciate how cultural differences may affect own and hosts' perceptions and actions. Competencies include but are not limited to: basic facts about the country and culture (location, size, neighboring countries, dominant language, facts about the government and recent history, major personalities, religions, etc.), basic facts about the relationship between the country/region and the U.S., and major "do's and don'ts". Competencies also may include "survival" language skills consisting of a few common greetings and some limited words and phrases in the dominant language of the region or country. (CJCSI 3126.01, NWP 5-01, NWP 3-07.11, NTTP 3-07.3.2, DODINST 1338.19, SECNAVINST 1754.6, DODD 5160.41)

M1	Percent	Of personnel assigned to deploying units that have received the required cultural training within the prescribed time prior to a foreign port visit.
M2	Percent	Of personnel with permanent change of station (PCS) orders overseas that received the required tailored cultural training with the prescribed time frame.
M3	Number	Of culture-related incidents for deploying units that caused operational disruption.

NTA 4.8.6 Administer Host Nation Support Agreements

To support the administration of host nation support agreements, including Status of Forces Agreements (SOFA), treaties and alliances. (OPNAVINST 11000.16A)

M1	Days	To coordinate logistic support with joint, other-Service, and host nation agencies.
M2	Y/N	Are Host Nation Agreements accepted in sufficient time after coordination is completed?
M3	Y/N	Is liaison established and maintained with host-nation authorities, military and civilian law enforcement agencies, and other organizations as required by the factors of METT-TC?

NTA 4.9 Train Forces and Personnel

To prepare Marines, Sailors, civilians, and individual units to fight, operate, and win at the tactical level of war. This task includes advising and training forces of friendly nations and groups. **(JP 1, 0-2, 3-0, 3-07.3, 3-09.1, 3-11, 4-05, CJCSI 3500.01, NDP-1, 4, COMUSFLTFORCOM OPORDER 2000, CFFCINST 3501.3)**

M1	Percent	Of time devoted to training to METL.
M2	Percent	Of forces devoted to training to METL.
M3	Percent	Of METL the unit is proficient in.

NTA 4.9.1 Conduct Mission Area Training

To provide training in command and control, weapons employment, mobility (navigation, seamanship, damage control, engineering, and flight operations), and warfare specialty through adequate preparation, effective presentation, and practice to individual watch stations, watch teams, details, parties, and training teams. **(CFFCINST 3501.3)**

M1	Percent	Of missions covered by a METL.
M2	Percent	Of mission areas meeting specified training readiness standard.
M3	Time	Devoted to mission area training.

NTA 4.9.2 Assess Training

To conduct the evaluation of the performance of individual watch stations and personnel, watch teams, details, parties, and the effectiveness of training teams measured against specified tactical and training standards. This task, conducted by the combatant commanders, shipboard training teams, and afloat training organizations, includes after-action reviews, type commander directed readiness reviews, and organizational assessments. It provides feedback for altering policy and identifying training trends. **(CFFCINST3501.3)**

M1	Percent	Of scheduled training conducted.
M2	Percent	Of required personnel qualified
M3	Percent	Of training tasks not completed and rescheduled.

NTA 4.9.3 Develop Training Plans and Programs

To prepare unit and individual training plans and programs including developing unit METL, scheduling training, and providing for assessment of training performance and effectiveness. To analyze applicable tasks in plans and external directives and select for training those tasks which are essential to accomplish the unit's missions in wartime and military operations short of war. To select tasks and to establish supporting standards and conditions for each task in the METL for collective, individual, and leader training. **(JP 1, 0-2, 3-0, 3-07, 3-07.3, 4-05, CJCSI 3500.01, NDP 1, 4, COMUSFLTFORCOM OPORDER 2000, CFFCINST3501.3)**

M1	Percent	Of time devoted to training to METL.
M2	Percent	Of forces devoted to training to METL.
M3	Percent	Of METL the unit is proficient in.

NTA 4.9.4 Provide/Execute Training for US and Other Nation Units and Individuals

To provide adequate preparation, effective presentation, practice and rehearsal, thorough evaluation, and certification of the execution of unit (collective) and individual tasks. **(JP 1, 0-2, 3-0, CJCSI 3500.01, NDP 1, 4, COMUSFLTFORCOM OORDER 2000, CFFCINST 3501.3)**

M1	Percent	Of time devoted to training to METL.
M2	Percent	Of forces devoted to training to METL.
M3	Percent	Of METL the unit is proficient in.

NTA 4.9.5 Provide Mobile Training Teams (MTTs)

To provide instruction to U.S. and non-U.S. units using approved programs of instruction concerning weapons, equipment, basic skills, limited maintenance training, and other organic capabilities including appropriate operational training. **(JP 1, 0-2, 3-0, CJCSI 3500.01, NDP 1, 4, COMUSFLTFORCOM OORDER 2000, CFFCINST 3501.3)**

M1	Percent	Of personnel trained IAW training plan.
M2	Days	To train forces to METL.
M3	Percent	Of METL unable to train to.

NTA 4.9.6 Provide Training Services

To provide units and resources to support training. Research Development, Test and Evaluation (RDT&E), and Tactical Development and Evaluation (TAC D&E) tests and trials. **(JP 1, 0-2, 3-0, CJCSI 3500.01, NDP 1, 4, COMUSFLTFORCOM OPORD 2000, CFFCINST 3501.3)**

M1	Percent	Of personnel trained IAW training plan.
M2	Percent	Of requirements met.
M3	Days	Of underway training (tests, trials) services provided

NTA 4.10 Perform Resource Management

To perform resource management of personnel, equipment, and funds. This includes services such as planning, programming, budgeting, and execution support; budget analysis; and force budget, financial, and management support for commanders. Additional activities include those such as contracting and monitoring contract performance, real property repair and maintenance, equipment systems acquisition, recruiting, providing and accounting for all classes of supply, total asset visibility and budgeting. For emergency management, resource management includes establishing systems for describing, inventorying, requesting and tracking resources; activating these systems; dispatching resources; and deactivating or recalling resources. **(JP 1, 4-0, 4-04, NDP 4, NWP 4-08, NAVSUP P500, NAVCOMP MANUALS, CNICINST 3440.17)**

M1	Days	Between identification of need before completion of action.
M2	Number	Of individual actions undertaken.
M3	Percent	Of funds expended with respect to operational budget.

NTA 4.10.1 Provide for Real Estate Management

To coordinate the use, lease or purchase of real assets in support of naval forces and other agencies afloat and ashore. **(JP 1, 4-0, 4-04, NDP 4, NWP 4-09, NAVCOMP MANUALS)**

M1	Days	Between identification of need for asset(s) until completion of acquisition.
M2	Number	Of individual acquisition actions undertaken.
M3	U.S. Dollar	Expended (amount of money in real terms).

NTA 4.10.2 Manage Contracts and Contract Personnel

To ensure contracts provide for mission requirements. This task requires inclusion of support contractors in sustainment planning. It also includes monitoring contract performance. This task includes properly adjusting required deliverables in light of requirements and allowable scope of effort. It also includes providing required Department of Defense (DOD) support to include support to individual contractor personnel. **(JP 3-0, 4-0, 4-04, 4-05, NDP 4, NWP 4-08, NAVCOMP MANUALS)**

M1	Percent	Of ports in theater with husbanding (port service support, etc.) contracts in place when forces deploy.
M2	Days	To modify contracts/deliverables after identification of need.
M3	Claims	Filed by contractor pursuant to disputes clause of contract.

NTA 4.10.3 Coordinate Base and Station Activities

To ensure performance of naval base and station actions to support fleet and other commands and units. **(JP 4-01.5, 4-02, NDP 4, NWP 4-01.1)**

M1	Percent	Actions completed on time.
M2	Number	Complaints received.

NTA 4.10.3.1 Provide Ceremonial Guard Services

To provide Honor Guard for military funerals for eligible beneficiaries, and to provide Ceremonial or Color Guard services for events such as parades, dedications and sporting events. **(OPNAVINST 11000.16A)**

M1	Y/N	Are Guard personnel fully trained and available?
M2	Y/N	Do Guard personnel have all required equipment to perform their duties?
M3	Percent	Of events rescheduled, cancelled, or postponed due to lack of qualified personnel or lack of availability of personnel required.

NTA 4.10.4 Evaluate Programs and Personnel

To detect and prevent fraud, waste, and mismanagement within the organization. This task includes the necessary investigations, external/internal oversight, audit liaison, Manager's Internal Control Programs and Inspections Programs. **(OPNAVINST 11000.16A)**

M1	Percent	Of investigations completed by due date
M2	Percent	Of referrals transferred with the required timeframe
M3	Percent	Of liaison support provided for visit preparations and coordination

NTA 4.10.5 Perform Program Management

To perform program management to define, develop, deliver, and launch products, solutions, systems and applications across the range of military operations. This task includes requirements development, project planning, project monitoring and control, risk management, and supplier

agreement management. Program management also entails schedule development, cost control, quality control, and reach back to engage Naval enterprise resources beyond organic capabilities. **(DOD 5000 series; SECNAVINST 3500.35; OPNAVINST 3500.35, NWP 4-04)**

M1	Y/N	Unit provided effective project planning and management of operational efforts
M2	Y/N	Unit coordinated logistics support with joint, other-services, and host nation agencies
M3	Y/N	Cost and quality control provided

NTA 4.10.6 Manage Business Functions

To manage business functions, including planning, management and performance of business process improvements and strategic sourcing. **(OPNAVINST 11000.16A)**

M1	Days	For Contracting Officer Representatives (COR) and Quality/Performance Assurance personnel to be trained after contract assignment.
M2	Percent	Of contract invoices validated against performance delivered.
M3	Percent	Of contract financial reports reviewed and validated.

NTA 4.10.7 Assess Organizational Performance and Implement Improvements

To assess the capabilities of the Enterprise or Claimancy (people and materiel) to meet projected requirements, while taking into account opportunities for technological advancement, cost savings, procedural and technical efficiencies, and changes in Navy policy or doctrine. This task includes the identification of resource requirements based on mission area assessments. **(JP 0-2, 5-0, CJCSI 3100.01)**

M1	Days	From identification of material deficiency to improvement plan.
M2	Weeks	From approval of improvement/modification plan to first item modification.
M3	Weeks	From plan approval to completion of improvement.

NTA 4.11 Provide Operational Legal Advice

To deliver legal services by providing legal advice and assistance on all operational matters concerning military, domestic, foreign, and international law; and rules of engagement. **(JP 1-0, 3-0, 3-57, 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, JAG MANUAL)**

M1	Number	Of requests for legal advice on operational/international law matters from units without assigned staff judge advocate.
M2	Minutes	After emergent operational law/ROE question is posed before an accurate answer is provided.
M3	Hours	For non-emergent operational legal response.

NTA 4.11.1 Provide Command Legal Service Support

To provide advice and assistance in the functional areas of the law, including administrative, contract, international, and operational law, as well as claims, legal assistance, and military justice. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, JAG MANUAL)**

M1	Requests	For advice or assistance in functional areas of the law.
M2	Percent	Of questions regarding functional areas of the law which cannot be answered within one hour.

NTA 4.11.2 Interpret Administrative/Contract Law

To review facts; interpret applicable statutes, laws, and directives; and provide legal advice tailored to the command mission on administrative law and contract law matters. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, JAG MANUAL)**

M1	Hours	After administrative contract law question is posed before accurate response is provided.
M2	Percent	Of time, resources on hand are not sufficient to provide answer to question.
M3	Percent	Of questions on admin./contract law could not be responded to within one hour.

NTA 4.11.3 Administer Criminal Law

To provide legal advice to commanders regarding the administration of military justice. Task includes providing advice on disposition of offenses, the preparation of charges, and conduct of courts-martial. The administration of criminal law also includes defense and judicial requirements. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, JAG MANUAL)**

M1	Days	After criminal act before referral of charges to court-martial or article 32 investigation.
M2	Number	Of courts martial tried.
M3	Number	Of search authorizations issued.

NTA 4.11.4 Process Claims

To investigate and adjudicate all claims against the United States arising under domestic laws and reciprocal international agreements. To assert affirmative claims on behalf of the United States. **(JP 4-0, 5-00.2, CJCSM 3122.03, NDP 4, JAG MANUAL)**

M1	Days	Between initial receipt of claim to adjudication or forwarding to next level for further processing.
M2	Days	Between incident giving rise to possible affirmative action claim before reporting to chain of command.
M3	Days	Between incident and completion of investigation.

NTA 4.11.5 Provide Legal Assistance

To execute all legal assistance matters, including those associated with preparation for overseas movement (POM). To implement the commander's preventive law program and establish a system for the delivery of legal assistance. **(JP 3-0, 4-0, 5-00.2, CJCSM 3122.03, NDP 4, NWP 4-09, JAG MANUAL)**

M1	Hours	After deployment of forces before legal office is established.
M2	Hours	To produce a requested legal document.
M3	Percent	Of unit personnel unable to deploy on time due to legal problems.

NTA 4.11.6 Interpret International/Operational Law

To provide timely and accurate advice to commanders in an international environment. To provide legal support for operational law activities, especially law of war and civil affairs legal issues. To provide advice regarding existing rules of engagement and recommended changes.

(JP 1, 3-0, 3-57, 4-0, 5-0, NDP 4, NWP 4-09, JAG MANUAL)

M1	Minutes	After emergent operational law question is posed before an answer is provided.
M2	Hours	After non-emergent operational law question is posed before answer is provided.
M3	Hours	After initial request for additional or changed ROE before receipt of response from higher echelon commander.

NTA 4.11.7 Provide Military Courts

To establish and maintain military courts, as required, to maintain order and administer justice over own forces and over all personnel subject to military authority. **(JP 1, 3-0, 3-57, 4-0, 5-0, NDP 4, 6, NWP 4-09, JAG MANUAL)**

M1	Time	To establish military court.
M2	Days	After referral of charges to court-martial until court convenes.
M3	Number	Of courts martial tried.

NTA 4.11.8 Conduct Investigations

To conduct informal or formal investigations for a commander as a result of legal proceedings or in anticipation of such possible proceedings. Coordinate, as required, with other service, national, or allied entities. **(JP 1, 3-0, 3-57, 4-0, 5-0, NDP 4, 6, NWP 4-09, JAG MANUAL)**

M1	Time	From report of incident to commencing investigation.
M2	Time	To complete investigation.
M3	Units	Number of investigations ongoing at any point in time.

NTA 4.12 Provide Health Services

To preserve, promote, improve, conserve, and restore the mental and physical well being of the force and other designated populations. This task includes providing emergency and routine health care to all personnel; advising commanders on the state of health, sanitation and medical readiness of deploying forces on a continual basis; maintaining health and dental records; keeping a current mass casualty plan; training personnel in basic and advanced first aid; maintaining medical intelligence information files; implementing preventive medicine measures; and ensuring combat readiness of health care personnel assigned to various wartime platforms through continuous training. This task includes facilities support for hospitals, medical laboratories, medical and dental clinics, emergency vehicle garages, ophthalmic support buildings and rehabilitation centers. **(JP 3-02, 3-02.13-07.3, 4-0, 4-02 Series, 5-00.2, NDP 4, NWP 4-02 Series, MCWP 4-11.1, Title 10 Chapter 159, DoD Directive 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Percent	Accountability of personnel entering the health services treatment pipeline.
M2	Hours	From wound or injury until person is in surgery.
M3	Percent	Of casualties returned to duty.

NTA 4.12.1 Perform Triage

To classify incoming casualties by level of treatment required. **(JP 4-0, 4-02 Series, NDP 4, NWP 4-02 Series, MCWP 4-11.1, FMFM 4-50)**

M1	Percent	Accountability of personnel entering triage facility.
M2	Hours	Person is in triage until discharged or moved from triage facility.
M3	Percent	Of casualties returned to duty.

NTA 4.12.2 Provide Ambulatory Health Care

To provide routine, acute, and emergent health services to individuals. **(JP 4-0, 4-02 Series, NDP 4, NWP 4-02 Series, MCWP 4-11.1)**

M1	Percent	Accountability of personnel entering the health services treatment pipeline.
M2	Hours	From wound or injury until person is treated.
M3	Percent	Of casualties returned to duty.

NTA 4.12.3 Provide Surgical and Inpatient Care

To provide resuscitative and surgical care and inpatient services. **(JP 4-0, 4-02 Series, NDP 4, NWP 4-02 Series, MCWP 4-11.1))**

M1	Percent	Accountability of personnel entering the health services treatment pipeline.
M2	Hours	From wound or injury until person is in surgery.
M3	Percent	Of casualties returned to duty.

NTA 4.12.4 Provide Dental Care

To provide routine, acute, and emergent dental services and care to individuals and provide advice and assistance to commanders as required. **(JP 4-0, 4-02 Series, NDP 4, NWP 4-02 Series, MCWP 4-11.1)**

M1	Percent	Accountability of personnel entering the dental services treatment pipeline.
M2	Hours	From person entering facilities until treatment begins.
M3	Percent	Of casualties returned to duty.

NTA 4.12.5 Provide Patient Movement

To provide capabilities for medical regulating, patient evacuation and appropriate En Route Care from the point of injury/illness throughout the patient care system. **(JP 4-0, 4-02 Series, NDP 4, NWP 4-02 Series, MCWP 4-11.1)**

M1	Percent	Accountability of personnel entering the health services treatment pipeline.
M2	Hours	From wound or injury until person is treated.
M3	Percent	Of casualties survive transport to next treatment site.

NTA 4.12.6 Provide Industrial and Environmental Health Services

To implement and monitor occupational and environmental hazard abatement measures. Task includes hazardous material (HAZMAT) management, storage, and disposal. **(JP 4-0, 4-02 Series, NDP 4, NWP 4-02 Series, MCWP 4-11-1)**

M1	Number	Of environmental health services “customers.”
M2	Hours	Turnaround time for technical lab testing results.

NTA 4.12.7 Maintain Records

To maintain health and dental records, and other documentation relating to the provision of health care. **(JP 4-0, 4-02 Series, NDP 4, NWP 4-02 Series, MCWP 4-11.1)**

M1	Number	Of records maintained in facility.
M2	Number	Of records used daily.
M3	Incidents Per Week	Of records use.

NTA 4.12.8 Obtain and Analyze Medical Information

To review, catalog, and report information obtained in the course of current operations to include communicable diseases, epidemiological data, chemical and biological agents, and other useful information. **(JP 4-0, 4-02 Series, NDP 4, NWP 4-02 Series, MCWP 4-11.1)**

M1	Number	Of records maintained in facility.
M2	Number	Of reports completed daily.
M3	Percent	Of queries answered successfully.

NTA 4.12.9 Train Medical and Nonmedical Personnel

To provide training in first aid, preventive medicine, and in advanced skills to support medical response to mass causality situations and operation specific threats. **(JP 4-0, 4-02 Series, CJCSI 3500.01, NDP 4, NWP 4-02 Series, MCWP 4-11.1)**

M1	Number	Persons trained daily.
M2	Number	Lessons taught daily.
M3	Percent	Average score on examinations.

NTA 4.12.10 Provide Health Services in Support of Humanitarian and Civic Assistance

To provide health services to local populace in support of humanitarian assistance, to include disaster relief and civil action programs. **(JP 1, 3-0, 3-07, 3-57, 4-0, 4-02 Series, NDP 1, 4, NWP 3-07, 4-02 Series, MCWP 4-11.1)**

M1	Percent	Accountability of personnel entering the health services treatment pipeline.
M2	Hours	Average time from person entering facility until person is receiving treatment.
M3	Percent	Of health services “customers” die while in treatment facility.

NTA 4.12.11 Provide Medical Staff Support

To advise the commander on matters relating to the state of health, sanitation, and medical readiness. (JP 3-0, 4-0, 4-02 Series, NDP 4, NWP 4-02 Series, MCWP 4-11.1)

M1	Percent	Accountability of personnel entering the health services treatment pipeline.
M2	Personnel/Per day	Provided medical treatment (military personnel).
M3	Percent	Of medical personnel available for assignment.

NTA 4.12.12 Perform Level II/III Medical Support

To provide and support large scale and Level III medical care for forces ashore (to include hospital (T-AH class) ships and embarked fleet surgical teams (FSTs) in amphibious shipping). (JP 1, 3-0, 4-0, 4-02 Series, NDP 4, NWP 4-02 Series, MCWP 4-11.1)

M1	Percent	Of total casualties treated each day are noncombatants.
M2	Personnel Per day	Treated.
M3	Personnel Per day	Returned to duty (patients).

NTA 4.12.13 Provide Emergency Medical Services

To provide core functions to include driving and operating ambulances, assessing situation, triaging casualties, providing in-field treatment, and transporting casualties to competent medical facilities. (DODI 6000.13, DODI 6055.06, OPNAVINST 11320.23F, NFPA 1710)

Note: This task will not be conducted in an imminently immediately dangerous to life or health (IDLH) atmosphere/area; however this task may be performed on contaminated casualties exposing EMS providers to contamination. This task maybe dependent on NTA 6.5.10 *Provide Technical Rescue Services*.

M1	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the ART for First Arriving Company (BLS with AED) to Medical emergencies.
M2	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the ART for arrival of Transport Unit (BLS with AED) to Medical emergencies.
M3	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the ART for arrival of ALS Capability during Medical emergencies.

NTA 4.13 Conduct Recovery and Salvage

To obtain damaged, discarded, condemned, or abandoned allied or enemy materiel both ashore and at sea. Includes monitoring and management of recovered material from initial identification to ultimate disposal, disposition, or repair. (JP 0-2, 1, 3-02, 4-0, 5-00.2, NDP 4, NWP 3-02.1, 3-06.M, 3-10, 3-20.31 Rev A, 4-04.1, 4-07)

M1	Days	To complete recovery of objects on board.
M2	Days	To return objects to port or required delivery destination.
M3	Percent	Of equipment operational ready.

NTA 4.13.1 Conduct Debeaching and Towing of Stranded and/or Damaged Vessels

To free stranded vessels and/or tow vessels with propulsion system casualties using ocean tugs, pulling gear, divers, and portable salvage machinery. (U.S. Navy Salvage Manual Vol. I (NAVSEA PUB SO300-A6-MAN-010) and Vol. II (NAVSEA PUB S300-A6-MAN-030), US Navy Towing Manual (SL740-AA-MAN-020))

M1	Time	Required to ready towing vessel.
M2	Gallons	Per minute dewatering capability.
M3	Pounds	Hydrodynamic resistance of tow.

NTA 4.13.2 Conduct Debeaching, Harbor Clearance, and Recovery

To clear beaches, piers, and channels of sunken and grounded vessels using tugs, pulling gear, portable salvage machinery, explosives, divers, and heavy lift craft. (US Navy Salvage Manual Vol. I (NAVSEA PUB SO300-A6-MAN-010) and Vol. II (NAVSEA PUB S300-A6-MAN-030))

M1	Time	Required to clear designated area.
M2	Tons	Of linear pull of pulling gear.
M3	Pounds	Explosives required for operation.

NTA 4.13.3 Provide Required Location and Number of Emergency Ship Salvage Material (ESSM) Bases, Contract Barges, Lift Craft, Deep Submergence Vehicles, and Tugs

To provide for emergency ship salvage, object recovery, and harbor clearance. Task includes providing material assets beyond the organic allowances of assigned salvage forces and/or not in Navy inventory and the identification and provision of preposition materials and equipment using Supervisor of Salvage (NAVSEA 00C) centrally managed salvage funds and assets. (NAVSEAINST 4740.8, OPNAVINST 4740.2F, ESSM CATALOG NAVSEA PUB 099-LP-017-3010)

M1	Number	Of additional assets available.
M2	Time	Required to obtain additional vessels.
M3	Dollars	Required for additional assets.

NTA 4.13.4 Perform Underwater Object Recovery

To locate and recover items of intelligence value or otherwise useful to the operational commander, using submersibles, remotely operated vehicles, divers, advanced underwater search techniques, and other methods. (U.S. Navy Salvage Manual Vol. I (NAVSEA PUB SO300-A6-MAN-010) and Vol. II (NAVSEA PUB S300-A6-MAN-030))

M1	Feet	Depth of water.
M2	Time	Required to locate object.
M3	Time	Required to recover object.

NTA 4.13.5 Salvage Sunken, Grounded, and Beached Vessels

To raise or extract ship and craft and return them to use using pulling gear, tugs, divers, heavy lift craft, portable salvage equipment, and other systems. **(U.S. Navy Salvage Manual Vol. I (NAVSEA PUB SO300-A6-MAN-010) and Vol. II (NAVSEA PUB S300-A6-MAN-030))**

M1	Time	Required to ready towing vessel.
M2	Gallons	Per minute dewatering capability.
M3	Pounds	Hydrodynamic resistance of tow.

NTA 4.13.6 Perform Emergency Towing

To tow combatant, logistics force, and other vessels with propulsion system casualties using ocean going tugs or other ships. **(U.S. Navy Towing Manual (SL740-AA-MAN-020))**

M1	Time	Required to ready towing vessel.
M2	Gallons	Per minute dewatering capability.
M3	Pounds	Hydrodynamic resistance of tow.

NTA 4.13.7 Conduct Salvage of Oil and Fuels Cargo

To offload liquid petroleum products from sunken or grounded ships or barges using lighters, specialized pumps, underwater and surface hot tap tank penetration devices, barges, bladders, and other equipment. **(U.S. Navy Salvage Manual Vol. V (NAVSEA PUB SO300-A6-MAN-050))**

M1	Gallons	Of petroleum products to be salvaged.
M2	Time	Required to salvage petroleum products.
M3	Number	Vessels required to offload fuel.

NTA 4.13.8 Salvage Sunken Submarines

To salvage sunken submarines using compressed air, surface support vessels, divers, pontoons, and other equipment. **(U.S. Navy Salvage Manual Vol. IV (NAVSEA PUB SO300-A6-MAN-040))**

M1	Time	To arrive on scene from notification of operation.
M2	Feet	Depth of water at salvage site.
M3	Time	Time required to complete operation.

NTA 4.13.9 Rescue Crew of Sunken Submarines

To rescue crewmen trapped in sunken submarines using submersibles (operating from surface ships or submarines) to attach to the sunken vessel. **(NWP 3-50.1 Rev A)**

M1	Number	Of crewmen rescued
M2	Time	To respond to notification of emergency
M3	Hours	Required to reach submarine with submersible vessel

NTA 4.14 Provide Support Services to Operations and Maintenance

To provide services, units, and facilities to support research development, test, and evaluation (RDT&E), tactical development and evaluation (TAC D&E), and operations and maintenance tests and trials. (JP 1, 0-2, 3-0, CJCSI 3500.01, NDP 1, 4, COMUSFLTFORCOM OPOD 2000, Title 10 Chapter 159, DoD Directive 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)

M1	Percent	Of personnel trained IAW training plan.
M2	Percent	Of requirements met.
M3	Days	Of underway training (tests, trials) services provided.

NTA 4.14.1 Conduct Diving Operations

To conduct diving operations including the supervision and training of personnel and maintenance and operation of diving equipment and systems. (U.S. Navy Diving Manual Rev 5, U.S. Navy Salvage Manual Vol. I-II, OPNAVINST 3150.27B)

M1	Y/N	Was diver support for underwater ordnance disposal operations conducted in accordance with Navy Diver Manual?
M2	Y/N	Were proper procedures followed upon detection of underwater ordnance?
M3	Percent	Of underwater ordnance present in assigned search area detected, located, and identified/

NTA 4.15 Provide Fleet/Base Support

To provide Shore Installation Management support and services to the Fleet. (OPNAVINST 11000.16A, OPNAVINST 11010.20G)

M1	Percent	Of fleet units unable to meet mission requirements due to inadequate base support.
M2	Y/N	Is installation management structure in place to provide adequate services to tenant commands?
M3	Time	To respond to fleet unit or tenant command support request.

NTA 4.15.1 Maintain Installation Facilities

To maintain the facilities necessary to operate a Naval installation. This task includes sustainment, restoration, and modernization of facilities, maintenance of harbors and airfields, transportation, communications and IT infrastructures, habitability services, and upkeep of grounds. (OPNAVINST 11000.16A, OPNAVINST 11010.20G)

M1	Percent	Of installation facilities that utilize the Sustainment/Restoration/Modernization model.
M2	Y/N	Is the base infrastructure adequate to support tenant commands and fleet units?
M3	Time	To respond to tenant command trouble call.

NTA 4.15.1.1 Provide Facility Management and Facility Investment

To provide facility sustainment, restoration, and modernization and facilities planning, engineering and management activities for all Class 1 and Class 2 real property assets to ensure the facility infrastructure supports the mission of the war fighter. Also includes facility

management support identified with NATO/Host Nation Liaison for construction projects and facilities agreements. **(OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Y/N	Does Installation provide Facility Investment and Facility Management services required to meet mission requirements?
M2	Y/N	Report promulgated monthly with current project status to all major customers.
M3	Percent	Of Facility Condition Assessment Inspections completed on schedule.

NTA 4.15.1.2 Provide Facility Services

To provide building services and other miscellaneous services for the installation. The services include pest control services, janitorial services, refuse collection and recycling, grounds maintenance, airfield and street sweeping and snow removal. **(OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Y/N	Is Pest Control surveillance and treatment carried out in accordance with Installation Integrated Pest Management Plan?
M2	Y/N	Are dumpster pickups scheduled at the minimum number to prevent overflow?
M3	Y/N	Are all commodities that generate a positive net benefit recycled and are all State, Local, and Federal diversion goals and requirements met?

NTA 4.15.1.3 Provide Base Infrastructure

To provide facilities to transport people and cargo. This task includes roads, parking lots, railroads, bridges, helicopter pads and lighting and street lighting. **(DODD 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Y/N	Does base infrastructure meet mission requirements?
M2	Y/N	Are primary roads inspected for maintenance and repair annually?
M3	Y/N	Are street lights inspected for maintenance and repair bi-annually?

NTA 4.15.1.4 Dredge Port Channels

To provide dredging so that operating channels, maneuvering areas, anchorages and moving basins for ships and other watercraft are open and maintained. **(OPNAVINST 11000.16A, NAVFAC DM 25 and DM 26 Series)**

M1	Y/N	Are required harbor operational depths maintained to meet mission requirements (NAVFAC DM 25 and DM 26 Series)?
M2	Percent	Of dredging equipment operational and available?
M3	Percent	Of personnel trained and qualified for dredging operations.

NTA 4.15.1.5 Provide Base Communications

To provide base-level administrative telephone services to Navy and non-Navy customers. Task includes operation, maintenance and management of switches and on-base telephone cable plants. Also includes operation of centrally managed systems such as intercoms, walkie-talkies, electronic pagers and other communication devices. **(OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Percent	Of personnel with requirements have access to telephone service.
M2	Percent	Of personnel with requirements have access to secured telephone service.
M3	Percent	Of personnel with requirements have access to rapid communications.

NTA 4.15.1.6 Provide Information Technology Services

To provide installation-wide information services, including information technology support and management of the Navy Marine Corps Internet (NMCI) and non-NMCI systems. (OPNAVINST 11000.16A, OPNAVINST 11010.20G)

M1	Percent	Of required NMCI NIPRNET seats available.
M2	Percent	Of required NMCI SIPRNET seats available.
M3	Percent	Of VTCs available.

NTA 4.15.2 Provide Port Facilities, Operations and Maintenance

To provide Shore Installation Management support to Navy forces afloat to conduct port operations. (OPNAVINST 11000.16A, OPNAVINST 11010.20G)

M1	Percent	Of ships and submarines unable to meet mission requirements due to inadequate fleet support.
M2	Y/N	Is port ops manning sufficient to provide adequate support to ships and submarines?
M3	Number	Of fleet maintenance requests not supported.

NTA 4.15.2.1 Support Ship Harbor Movements

To support ship and submarine arrivals and departures from the harbor and approved anchorages. (OPNAVINST 3140.24E, NWP 10-I-10)

M1	Minutes	To complete disconnect/connect hotel and berthing services.
M2	Minutes	Allowable deviation for supporting ship/submarine underway on schedule.
M3	Percent	Of ships/submarines underway on time.

NTA 4.15.2.2 Provide Tug Services

To provide tug boats and other support craft used to accomplish ship movements. (NWP 10-I-10)

M1	Percent	Of on time evolutions.
M2	Percent	Of tug employment.
M3	Minutes	To respond to an emergency radiological condition.

NTA 4.15.2.3 Provide At-Berth Support

To provide logistics support to ships and submarines within the harbor or at approved anchorages. (NAVFAC P-80, NSTM 582, NSTM 611)

M1	Percent	Number requests for support met / Total number requested.
M2	Percent	Of equipment delivered on time in support of evolution.
M3	Percent	Of critical piers operational.

NTA 4.15.2.4 Provide Harbor Master Services

To provide harbor master services to manage the movement of ships and submarines and schedule the delivery of services to ships. This task also includes administration, management, and training for all Port Operations functions and Senior Officer Present Afloat (SOPA) administrative support. **(NWP 10-1-10)**

M1	Percent	Of movements scheduled in POMS.
M2	Percent	Of evolutions completed IAW Logistics Requests (LOGREQ).
M3	Yes/No	Were changes incorporated to accomplish on time movements?

NTA 4.15.2.5 Provide Piloting Services

To provide piloting services for ship and submarines when entering or leaving the harbor or when operating in restricted waters. **(NWP 10-1-10)**

M1	Percent	Of on time evolutions.
M2	Y/N	Were Pilot logs current?
M3	Y/N	Were Standard Operating Procedures (SOP) followed?

NTA 4.15.2.6 Provide Magnetic Silencing

To provide support for the operation and maintenance of the port magnetic silencing operation, to include Electromagnetic Roll (EMR), ranging, deperming, calibration, and technical assistance support. **(OPNAVINST 4780.6V, OPNAVINST C8950.2G, OPNAVINST 9700.1)**

M1	Percent	Of supported evolutions.
M2	Y/N	Were Standard Operating Procedures (SOP) followed?
M3	Percent	Of range personnel trained and qualified in magnetic silencing operations.

NTA 4.15.3 Provide Air Facilities, Operations and Maintenance

To provide Shore Installation Management support to Navy air forces to conduct airfield operations. **(OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Percent	Of aircraft unable to meet mission requirements due to inadequate fleet support.
M2	Y/N	Is air ops manning sufficient to provide adequate support to aircraft?
M3	Number	Of fleet maintenance requests not supported.

NTA 4.15.3.1 Provide Air Traffic Control Services

To provide air traffic control services for the installation to assure the orderly and expeditious movement of aircraft departing, landing or approaching the airfield for landing. This task provides the capability to coordinate with the Federal Aviation Administration (FAA) and external Air Traffic Controller (ATC) agencies to ensure proper hand-off of station aircraft. This task also provides special use airspace control services. **(OPNAVINST 3710.7T, NAVAIRINST 00-80T-114, NAVAIRINST 13034.1C, FAA ORDER 7110.65, FAR SECTION 91.169)**

M1	Percent	Hours full mission capable (FMC) / Hours required.
M2	Percent	Of qualified air traffic controllers.
M3	Y/N	Are air traffic control personnel working hours within allowable limits?

NTA 4.15.3.2 Provide Airfield Services

To provide flight line and runway support including marshalling, parking, towing, de-icing, and aircraft servicing to ensure safe and efficient ground movement and positioning of aircraft, operation and maintenance of airfield facilities, ground support equipment, arresting gear, aircraft salvage equipment, and optical landing systems. This task also provides airfield lighting, clearance of runway debris, ice, or snow, and maintaining the Bird Aircraft Strike Hazard (BASH) Program and Foreign Object Damage (FOD) Program. **(OPNAVINST 3710.7T, OPNAVINST 4790.2H, NAVAIRINST 13640.1B, NAVAIRINST 13800.13B, NAVAIRINST 3710.1E)**

M1	Percent	Number requests for marshalling/parking met / Total number requested.
M2	Percent	Number requests for de-icing met / Total number requested.
M3	Percent	Number requests for towing met / Total number requested.

NTA 4.15.3.3 Provide Passenger Terminal/Cargo Services

To operate an air terminal facility, including passenger services, cargo handling, hazardous cargo handling, dispatching, and operating equipment. **(OPNAVINST 3710.7T)**

M1	Percent	Total number of passengers manifested and boarded that met complete scheduled aircraft load completion time / Total number of passengers.
M2	Percent	Total number of TCNs manifested and loaded that met complete scheduled aircraft load complete time / Total number of TCNs.
M3	Percent	Total number of unit line numbers (ULN) processed and loaded that met complete scheduled aircraft load complete time / Total number of ULNs.

NTA 4.15.3.4 Provide Airfield Administration and Station Aircraft Support

To provide support for airfield administration and management, transportation, air crew training, search and rescue, and aviation safety. This task includes support of special events, such as VIP visits, open houses, and air shows. **(OPNAVINST 3710.7T, NAVAIRINST 00-80R-14, NAVAIRINST 00-80R-14-1, NAVAIRINST 00-80R-20)**

M1	Percent	Number actual operating hours / Number required operating hours.
M2	Percent	Of air crew personnel qualified in search and rescue operations.
M3	Y/N	Are safety exclusion zones properly marked and enforced during air shows?

NTA 4.15.3.5 Provide Aircraft Servicing Support

To provide, or contract for, fuel receipt/delivery, issue, and storage and defueling services for aircraft. This task includes skid (hot pit), truck and defueling operations, maintenance and calibration of aviation fuel support equipment and facilities, inventory control, fuel spills management and fuel support for Ground Support Equipment (GSE). It also includes receipt/delivery, issue, and storage of liquid oxygen and nitrogen used in support of aircraft

servicing. **(DODI 4140.25M, MIL-STD-3004A, OPNAVINST 3710.7T, OPNAVINST 4790.2H, NAVAIRINST 00-80T-109, NAVAIRINST 13640.1B, NAVAIRINST 3710.1E, NAVSUP Publication P-558)**

M1	Percent	Of fueling service within local contracting time specifications (time from receipt of request or scheduled delivery until actual delivery of fuel).
M2	Percent	Of fueling demand met.
M3	Percent	Number of aircraft serviced spill free / Total number of aircraft requiring fueling/defueling (Spill Control).

NTA 4.15.3.6 Provide Ground Electronics for Air Operations

To provide maintenance and support for ground electronics, navigation aids, radars, communication systems, weather advisory systems, etc. used in air operations. **(OPNAVINST 3710.7T, OPNAVINST 4790.2H, NAVAIRINST 13640.1B, NAVAIRINST 13800.13B)**

M1	Percent	Of hours ATC Communications mission capable (MC)/Required hours of operation.
M2	Percent	Of hours Precision Approach Systems mission capable (MC)/Required hours of operation.
M3	Percent	Of hours Non-Precision Approach Systems mission capable (MC)/Required hours of operation.

NTA 4.15.4 Provide Operations Support

To provide operating and operations support to naval forces afloat and ashore. This task includes providing facilities and equipment necessary to execute meteorological and oceanographic missions and communications infrastructure. **(Title 10 Chapter 159, DoD Directive 4165.6, OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Percent	Of fleet units unable to meet mission requirements due to inadequate operations support.
M2	Percent	Of facilities adequate with respect to condition.
M3	Percent	Of facilities adequate with respect to functionality.

4.15.4.1 Operate Small Arms Weapons Ranges

To support Small Arms Weapons training to include personnel support (range attendants), target provision support, maintenance and retrieval support, range scheduling, range upkeep/ordnance sweeps, and environmental cleanup. **(OPNAVINST 3591.1E)**

M1	Percent	Of targets on hand to meet scheduled demand or expected throughput for the next 30 days.
M2	Yes/No	Range meets all capability/training/safety standards specified in OPNAVINST 3591.1E ?
M3	Yes/No	Does the range management/scheduling system allow for customer prioritization?

Command and Control

NTA 5 EXERCISE COMMAND AND CONTROL

To exercise authority and direction over assigned or attached forces in the accomplishment of a mission. C2 involves maintaining visibility over and arranging personnel, equipment, and facilities during the planning and conducting of military operations. **(JP 0-2, JP 3-0, 3-01.1, 3-03, 3-05, 3-08v2, 3-09.3, 3-10.1, 4-01.1, 4-01.3, 6-0, 6-02, 3-09, 5-00.2, CJCSM 6120.05, NDP 1, NDP 6, NWP 5-01 Rev A, MCDP 6, ATP 1(D))**

M1	Hours	Prior to execution OPLAN/OPORDER/OPGEN published and delivered to units.
M2	Percent	Of units receive their orders on schedule.
M3	Percent	Of units at desired position and appropriate degree of readiness at execution.

NTA 5.1 Acquire, Process, Communicate Information, and Maintain Status

To obtain information on the mission, enemy forces, neutral/non-combatants, friendly forces, terrain, and weather. To translate that information into usable form and to retain and disseminate it. This task includes disseminating any type information. **(JP 1, 2-0 Series, 3-0, 6 Series, NDP 6, NWP 5-01 Rev A, MCDP 6, MCWP 6-22)**

M1	Percent	Of units are in communication with commander throughout planning and execution.
M2	Hours	To process status information and disseminate to subordinate units.
M3	Percent	Of available information examined and considered in latest status report.

NTA 5.1.1 Communicate Information

To send and receive internal and external data (to include verbal, semaphore, flashing light, signal flag, electronic, written). This activity includes obtaining, relaying, and distributing data and information by any means including establishing communication links with service, joint, interagency, intra-agency, and coalition forces. Information can include the mission, courses of action, air tasking orders, operational plans and orders, intelligence, environmental conditions, friendly troop/unit status and location, relaying I&W information, and other reports. **(JP 1, 3-0, 6 Series, NDP 6, MCDP 6, 6-22)**

M1	Percent	Of addressees received messages.
M2	Hours	After activation force establishes means to send both data and voice traffic with all units and senior commanders.
M3	Percent	Of time, desired communications path available.

NTA 5.1.1.1 Transmit and Receive Information

To send and receive information (including tactical commanders assessments) between units and/or higher formations or commands (including the officer in tactical command (OTC) and functional commanders) to build the tactical picture. **(JP 1, 3-0, 6-0, 6-02, NDP 6)**

M1	Percent	Of the time, subordinate commanders in communication with OTC during execution.
M2	Minutes	Lag between the commander's common picture of the battlespace and real world.

NTA 5.1.1.1.1 Provide Internal Communications

To send and receive information required for own unit operations and to provide tactical information through the use of internal communication systems. **(JP 3-0, 6-0, 6-02, NDP 6, Class Combat Systems Doctrine (CNLS/CNSP INST C3516 Series))**

M1	Percent	Of time, desired communications path available.
M2	Minutes	Lag between commander's common picture of the battlespace and real world.
M3	Percent	Link data efficiency.

NTA 5.1.1.1.2 Provide External Communications

To provide tactical information through the use of external communications systems. This task includes the use of the entire electromagnetic spectrum for voice, tactical data information link (TADIL), teletype (TTY), and other data link communications, and flashing light, semaphore, and flag hoist for visual communications. **(CJCSM 6120.01D, NTP 4, ACP 165, ACP 125, ACP 126)**

M1	Minutes	Without communications path to higher authority during 24 hour period.
M2	Percent	SIPRNET communications accessibility.

NTA 5.1.1.1.2.1 Receive and Transmit Force Orders

To provide and acknowledge tactical directions, including automated combat system data and orders for cover/kill/cease-fire/hold-fire orders. To provide threat warnings and weapons control status. **(JP 6-0, 6-02, NDP 6)**

M1	Percent	Of addressees received messages.
M2	Percent	Of the time, subordinate commanders in communication with OTC during execution.
M3	Percent	Of time, desired communications path available.

NTA 5.1.1.1.2.2 Relay Communications

To pass information which cannot reach its targeted audience directly. This includes the use of aircraft for tactical relay. **(JP 3-0, 6-0, 6-02, NDP 6)**

M1	Number	Messages relayed.
M2	Minutes	To relay required messages.
M3	Percent	Correct messages received.

NTA 5.1.2 Manage Means of Communicating Information

To direct, establish, or control the instruments used in sending or receiving information and to use various communication networks (visual, radio, wire and cable, and messenger) and modes (e.g., frequency modulation (FM), multi-channel, radio teletype (RATT), continuous wave (CW), tactical satellite, data, facsimile) for obtaining or sending information. To operate these nets under various levels of emissions control (EMCON). **(JP 6-0, 6-2, MCWP 6-22, NDP 6)**

M1	Percent	Of C4I resources required to support force redeployment identified.
M2	Percent	Of time, force maintained voice and data communications (unsecure and secure).
M3	Percent	Of C2 nodes have all required communications capabilities.

NTA 5.1.2.1 Control Communication Nets

To ensure controlled nets (voice and data) carry information appropriate to their function. **(JP 6-0, 6-02, MCWP 6-22, NDP 6)**

M1	Percent	Of C4I resources (required to support force redeployment) identified.
M2	Percent	Of local area networks (LANs) authorized to interoperate are capable of interoperating (e.g., contingency Theater Air Control System automated planning system (CTAPS), Global Combat Support System (GCCS), joint deployable intelligence support system, (JDISS), joint maritime command information system (JMCIS)).
M3	Percent	Of time networks up and fully operational.

NTA 5.1.2.2 Promulgate Force Communication Plan

To pass to all users the communications plans and procedures, to include frequency, purpose, and guard requirements. Communications plans include net parameters, net participants, and what information each net will carry. **(JP 6-0, 6-02, MCWP 6-22, NDP 6, NWP 5-01 Rev A)**

M1	Percent	Of critical C4I architecture nodes are identified in the OPLAN/OPORDER/OPTASK.
M2	Percent	Of C4I resources (required to support force redeployment) identified.
M3	Percent	Of OPLANs address existing terminals and lines of communications and known or estimated throughput capability.

NTA 5.1.3 Maintain Information and Naval Force Status

To screen, circulate, store, and display data and information in a form that supports decision making and the tactical picture. To store, protect, display, publish, reproduce, and distribute information to include force organization, casualty reports (CASREP's) and readiness data, and maintain information in tactical decision aids (TDAs). **(JP 2-0 Series, 6 Series, CJCSI 3150.01, MCWP 6-22, NDP 6, NWP 1-03.41, 5-01 Rev A, NTTP 1-03.3 Rev A)**

M1	Minutes	To enter most current information on status of forces.
M2	Percent	Of operational readiness data displayed, is current.
M3	Percent	Of decisions delayed because data not presented to decision maker in suitable format.

NTA 5.1.3.1 Maintain and Display Tactical Picture

To process (to include fusing, correlating, and filtering) and maintain (automated and manual) raw data and display image-building information as the tactical picture. This tactical picture forms the primary basis for tactical level situation assessment. **(JP 6-0, 6-02, CJCSI 3150.01, MCWP 6-22, NDP 6)**

M1	Number	Unresolved ambiguities in tactical picture.
M2	Percent	Dual tracks at any given moment.
M3	Incidents	Number of track numbers not constant

NTA 5.1.3.2 Maintain and Display Force Command and Coordination Status

To track and display task organization, assignments, and execution information to include warfare commander responsibilities. **(JP 3-0, 6-0, 6-02, CJCSI 3150.01, MCWP 6-22, NDP 6, NWP 3-56 Rev A)**

M1	Percent	Of friendly unit's/organization's personnel on which status is known.
M2	Minutes	To enter most current information on status of forces.
M3	Percent	Of decisions delayed as a result of data not presented to decision maker in suitable format.

NTA 5.1.3.3 Maintain and Display Unit Readiness

To track and display information on Unit Readiness to include status on all materiel deficiencies and personnel limitations. **(JP 3-0, 6-0, CJCSI 3150.01, MCWP 6-22, NDP 6, NTP 1-03.3)**

M1	Seconds	From receipt of reports until data is posted to appropriate data bases or passed to work centers.
M2	Percent	Mission capable aircraft employed versus aircraft requested.

NTA 5.1.4 Manage Fleet Telecommunications and Enterprise Services

To manage Fleet Telecommunications and Enterprise Services, which include activities to determine, establish, direct, monitor and control Fleet Telecommunications, Fleet Transports and Enterprise Services for fleet and DoD users. **(OPNAVINST C3501.226, USSTRATCOM CONOPS – Joint Concept of Operations for Global Information Grid NetOps, DODD 8500.1, CJCSI 6250.01)**

M1	Minutes	From report of failure to mitigation.
M2	Y/N	Maintain geographic plot of ships and other afloat commands within assigned Navy Communications area (NAVCOMMAREA)
M3	Y/N	Maintain current statuses of authorized frequencies and control the use of assigned Navy Tactical radio frequencies

NTA 5.1.5 Provide Communication Services

To provide communications services to Fleet users, such as surface/submarine messaging circuits, air/surface termination, search and rescue communications, electronic message delivery, weather broadcast and international maritime/Navy satellite communication interfaces. **(OPNAVINST C3501.226, USSTRATCOM CONOPS – Joint Concept of Operations for Global Information Grid NetOps, DODD 8500.1, CJCSI 6250.01)**

M1	Hours	To submit theater frequency requests.
M2	Y/N	Provide surface/submarine messaging circuits (FSM/CUDIXS/BCST/SSIXS)
M3	Y/N	Provide air/surface termination.

NTA 5.1.6 Provide Visual Information Support

To create a record of unit activities. Still and motion video recordings include friendly forces, equipment, and positions before, during, and after engagements; terrain features in current or projected operational areas; battle damage to friendly, enemy, or indigenous property; any essential element of friendly information that assists a commander in conducting (planning,

preparing, executing, and assessing) operations. **(JP 3-13, JP 3-53, JP 3-61, OPNAVINST C3501.2J, NTP 3-13.12)**

M1	Time	To provide combat camera team when determined necessary for 30 days sustained operation.
M2	Y/N	To acquire imagery from surface, subsurface, and air, with proper focus, exposure, and composition.
M3	Time	To provide one finished electronic still imagery product to customer from time imaging processing begins.

NTA 5.2 Analyze and Assess Situation

To evaluate all information received to continuously determine courses of actions. **(JP 0-2, 2-0, 3-0, 3-53, 3-55, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)**

M1	Percent	Of time, a political event of interest occurs without options being available.
M2	Percent	Of time, commander/senior staff member made aware by source outside the staff of an emerging political event, which could impact the theater.

NTA 5.2.1 Analyze Mission and Current Situation

To examine all available information. This includes analyzing the mission, mission requirements, and evaluating updated status information. In this task, the commander analyzes higher-level guidance, identifies enemy centers of gravity, reviews assessments of the situation, and prepares a mission statement along with the commander’s critical information requirements (CCIRs). Initial intent and initial planning guidance are developed and issued to facilitate determining the proposed course(s) of action. **(JP 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A, MCWP 5-1, FMFM 3-1)**

M1	Minutes	To complete assessment of latest information (cycle time).
M2	Percent	Of enemy actions or operations (which affected the course of the battle) not forecast.

NTA 5.2.1.1 Review and Evaluate Situation

To review the general tactical situation, including available tactical data, intelligence assessments, environmental conditions, and other external information. Includes assessment of own force and enemy capabilities for planning purposes. **(JP 2-0, 3-0, NDP 5, 6, NWP 5-01 Rev A)**

M1	Hours	Since last review of commander’s plans.
M2	Percent	Of information coming into the headquarters, of which the commander has cyclic management.

NTA 5.2.1.2 Review and Evaluate Mission Guidance

To review the superior commander’s mission guidance and intentions including objectives, specified tasks, and implied tasks. To identify constraints or restraints on actions and assumptions, and to relate the guidance to the general tactical situation. **(JP 2-0, 3-0, NDP 5, 6, NWP 5-01 Rev A)**

M1	Time	After the request or occurrence, force reviews or develops flexible deterrent options.
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M2	Percent	Of items in guidance, require specific actions by unit.
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NTA 5.2.1.3 Review Rules of Engagement (ROE)

To determine limitations on tactical action based on Rules Of Engagement (ROE). This also includes understanding the freedom for action provided by ROE. **(JP 3-0, 5-0, NDP 5, 6, NWP 5-01 Rev A)**

M1	Time	Allowed for exceptions to ROE.
M2	Incidents	Of constraints on commander's actions to accomplish mission objectives.
M3	Number	Of identified relaxations to ROE required to accomplish mission.

NTA 5.2.1.4 Request Changes to ROE

To request changes to ROE based on the review of the situation and current ROE. **(JP 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)**

M1	Time	To request change to commander's ROE.
M2	Number	Of changes to commander's ROE requested.
M3	Time	Allowed for exceptions to ROE.

NTA 5.2.1.5 Determine and Prioritize Commander's Critical Information Requirements (CCIR)

To identify and prioritize those items of information, which are critical to the war fighter's decision-making process. **(JP 2-0, 3-0, NDP 5, 6, NWP 5-01 Rev A)**

M1	Number	Of items identified.
M2	Number	Of items of critical information missed.
M3	Time	To prioritize critical information received.

NTA 5.2.2 Decide on Need for Action or Change

To decide whether actions are required that are different from those the unit or organization has already been directed to execute. **(JP 1, 2-0, 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)**

M1	Hours	In advance of implementation decision is made to change plan.
M2	Minutes	To complete assessment of latest information (cycle time).

NTA 5.3 Determine and Plan Actions and Operations

To make estimates and decisions based on assigned, projected, or implied tasks. To examine all aspects of potential operations, including options to alter planned or ongoing actions, and determine the acceptable degree of risk. It also includes formulating the commander's guidance and intent and developing a mission essential task list including tasks and linked conditions and measures. **(JP 2-0, 3-0, 5-0, 5-00.2, NDP 5, NDP 6, NWP 5-01 Rev A)**

M1	Time	Available to complete planning.
M2	Time	To complete planning.
M3	Modifications	Made to plan in order to attain commander's approval.

NTA 5.3.1 Develop Concept of Operations

To determine how the tactical commander intends to operate and fight his unit. (JP 2-0, 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)

M1	Hours	Until plan is approved by superior commander.
M2	Y/N	Does the OTC approve the CONOPS?
M3	Hours	Until plan is submitted to superior commander.

NTA 5.3.1.1 Define the Mission

To state the mission in the commander's terms. (JP 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)

M1	Percent	Of available reports reviewed.
M2	Minutes	To complete assessment of latest information.

NTA 5.3.1.2 Provide Concept of Operations

To provide the commander's initial determination of a concept of operations and follow-on adjustments, as necessary, for achieving the mission. (JP 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)

M1	Minutes	To complete assessment of latest information.
M2	Percent	Of planning assumptions are valid.
M3	Number	Of subsequent updates.

NTA 5.3.1.3 Develop Requirements and Priorities

To establish and validate support requirements, including force logistics requirements and C4I requirements. It includes developing requirements for resources or capabilities (i.e., information, material, services, equipment, and personnel) and requesting additional assets, as the situation requires. Requirements are based upon concept of operations, COA, scheme of maneuver, and status of resources. (JP 3-0, 5-0, 5-00.2, NDP 5, NWP 5-01 Rev A, MCWP 5-1, FMFM 3-1)

M1	Minutes	To complete assessment of latest information.
M2	Hours	In advance, projections are made.

NTA 5.3.1.4 Develop Procedures

To establish common reporting and tactical procedures, to include development of communications plan(s). (JP 3-0, 5-0, 5-00.2, NDP 5, NWP 5-01 Rev A)

M1	Percent	Of procedures (for which advantages and disadvantages were available) compared.
M2	Hours	To develop procedures.
M3	Number	Alternatives available.

NTA 5.3.2 Issue Planning Guidance

To provide naval planners with information to develop courses of action. This task includes guidance on the collection of intelligence to support operations and support planning. Commander's guidance may include establishing planning time lines, providing operational limitations or constraints (such as rules of engagement), establishing priorities for planning, and initiating an

estimate of the situation. It also includes the development of specified and implied tasks. **(JP 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A, MCWP 5-1, FMFM 3-1)**

M1	Percent	Of functional areas covered by planning guidance (complementary).
M2	Incidents	Of amendments issued to Planning Guidance due to requests for clarification.
M3	Hours	After being notified of his tasks, the joint force commander issued or approved initial planning guidance.

NTA 5.3.3 Develop Courses of Action

To define options for completing the mission based on analysis of the mission and a determination of mission feasibility with regard to enemy forces, friendly/neutral forces, non-combatants, and environmental factors. This activity includes evaluating available resources for supporting different courses of actions. **(JP 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A, MCWP 5-1, FMFM 3-1)**

M1	Percent	Of COAs presented to commander, not suitable, feasible, or acceptable.
M2	Days	In advance of execution, COAs developed.
M3	Number	Alternative COAs developed.

NTA 5.3.4 Analyze and Compare Courses of Action

To analyze and evaluate each proposed friendly course of action as though opposed by each enemy capability. To examine or war game each COA to determine its advantages and disadvantages, and to ensure it satisfies the criteria of suitability, feasibility, acceptability, and flexibility. To evaluate the advantages and disadvantages of each COA, comparing them with respect to governing factors. **(JP 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A, MCWP 5-1, FMFM 3-1)**

M1	Percent	Of decision points had no developed branches or sequels.
M2	Incidents	Of limitations, (ultimately identified during execution) were not identified during analysis.
M3	Incidents	Of capabilities (ultimately required) not previously identified.

NTA 5.3.5 Select or Modify Course of Action

To decide on the course of action that offers the best prospect for success and to issue a clear and concise statement of the general scheme of maneuver, supporting fires, and support for the operation. This task includes finalizing the naval commander’s concept and intent. It also includes modifying a course of action previously selected and, therefore, is a cyclic process and it includes setting and revising priorities. This task also includes the ability to make real time changes to targeting and strike plans such as changes to cruise missile strike mission plans. **(JP 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A, MCWP 5-1, FMFM 3-1)**

M1	Days	In advance of execution, COAs selected.
M2	Days	Since COAs last reviewed.
M3	Percent	Of unit assignments changed with selection of a new COA.

NTA 5.3.6 Prioritize Subordinate Commander Requirements

To resolve asset request conflicts and, in such cases, determine allocation of assets for subordinate commanders. **(JP 3-0, 5-0, 5-00.2, NDP 6)**

M1	Hours	To validate requirement for assets.
M2	Percent	Of time, unable to fulfill warfare mission areas due to lack of resources.
M3	Incidents	Of unfilled requirements.

NTA 5.3.7 Establish Force Command and Control Policy

To specify chain of command between the principle commanders and forces under their tactical control/tactical command; to specify subordinate command relationships. To identify degree of authority delegated to each warfare commander during cold-to-hot and hot-to-cold war transition periods and the areas in which the principle commanders can expect to assume control by command override. **(JP 1, 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 3-56 Rev A, 5-01 Rev A)**

M1	Percent	Of warfare commanders understand delegated responsibilities.
M2	Percent	Completeness of guidance (i.e. coverage of functional areas).

NTA 5.3.8 Issue Tactical Commander's Estimate

To restate force mission and commander's intent; to identify subordinate's objectives, missions, and tasks. **(JP 2-0, 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 3-56 Rev A, 5-01 Rev A)**

M1	Hours	After receipt of warning order, commander's estimate issued.
M2	Hours	Before execution, commander's concept and intent issued.
M3	Hours	Before execution, the commander's estimate issued.

NTA 5.3.9 Prepare Plans/Orders

To complete written or oral communications that convey information that governs actions, including those in selected COAs. It includes developing and completing plans and orders, coordinating support, and approving orders. This task guides, develops, and integrates detailed plans that support the mission. The COA mission requirements and capabilities are considered in the production of the plan. The commander's intent is refined and the operation plan is produced in this task, as well as other supporting plans and documents that integrate resources with maneuver. As the operation progresses, this activity is the decision-maker articulating, by whatever means necessary, his plan for meeting new challenges in the battlespace. **(JP 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)**

M1	Percent	Of standing plans complete.
M2	Hours	To prepare plans.
M3	Percent	Of time, from alert to initiation, used to prepare plans.

NTA 5.3.9.1 Formulate Standing Plans

To formulate those pre-planned actions that can be included as standing plans and to modify existing plans, as necessary. **(JP 3-0, 5-0, 5-00.2, NDP 5, NWP 5-01 Rev A)**

M1	Percent	Of standing plans complete.
M2	Hours	To prepare plans.
M3	Time	To modify existing plans

NTA 5.3.9.2 Develop Contingent Responses

To formulate immediate responses to threats that can be foreseen or anticipated. This task includes such items as cruise missile mission planning and dissemination. **(JP 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)**

M1	Percent	Of standing responses complete.
M2	Hours	To complete planning after receipt of all intelligence data.

NTA 5.3.9.3 Plan Tactical Operations

To produce the detailed plan to accomplish the assigned mission, based upon the assessment and the selected course of action. This task includes completing detailed staff planning, integrating staff plans, reviewing staff plans, generating revision requirements, and developing an integrated plan. **(JP 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)**

M1	Percent	Of standing plans complete.
M2	Percent	Of responses were preplanned.
M3	Hours	To approve orders.

NTA 5.3.9.4 Rehearse Operation

To conduct one or more exercises under conditions approximating those of the contemplated operation or mission. Rehearsals may be conducted by the entire force or by individual units; rehearsals may deconflict activities and validate the operation plan. **(JP 3-0, 3-02, 5-0, NDP 5, 6, NWP 5-01 Rev A)**

M1	Percent	Of strike force involved in rehearsal.
M2	Percent	Of rehearsal conditions replicate mission plan.
M3	Percent	Of supporting units participate in rehearsal.

NTA 5.4 Direct, Lead, and Coordinate Forces

To direct subordinate units so that they understand and contribute effectively and efficiently to the attainment of the commander's concept and intent and assigned tactical military objectives. This task includes preparing and completing plans and orders, intelligence collection plans, essential elements of information, logistic plans, and promulgating rules of engagement. **(JP 1, 0-2, 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)**

M1	Percent	Of time, joint force commander is positioned to allow himself to best affect the accomplishment of the operational end state for each operation.
M2	Incidents	Of subordinate commanders requesting clarification of orders.
M3	Percent	Of completed planning documents (e.g., mission analysis, COA decision, synchronization matrix) passed to components as completed to allow parallel planning.

NTA 5.4.1 Direct Forces

To command and control operations of the task organization and the force. **(JP 1, 3-0, 5-0, 5-00.2, NDP 6)**

M1	Hours	To issue orders.
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M2	Percent	Of mission objectives attained.
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NTA 5.4.1.1 Issue Orders

To guide and command the execution of the plans. The commander’s direction is guided by the operation order derived during the planning of the operation, as well as by the commander’s intent, and may be varied as the battlespace situation changes. This task includes submitting orders and plans for transmission to subordinate, supporting, or attached units for execution, to adjacent and higher units for coordination and/or approval, and to promulgate ROE to subordinates. **(JP 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)**

M1	Percent	Of units receive complete orders on first transmission.
M2	Hours	To issue all plans and orders.
M3	Time	Prior to execution, all units receive orders.

NTA 5.4.1.2 Exercise Tactical Command and Control

To execute command and control (e.g., order warfare degrees of readiness; direct asset assignment, movement, and employment; control tactical assets, including allied and joint forces assigned). **(JP 3-0, 5-0, 5-00.2, NDP 6, NWP 3-21, 3-21.0 Rev A, 3-56.1 Rev A)**

M1	Time	For units to respond to tasking.
M2	Percent	Of units responding appropriately to orders.
M3	Percent	Of mission objectives attained.

NTA 5.4.2 Lead Forces

To provide leadership to assigned forces and to those attached. **(JP 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 3-56 Rev A, 5-01 Rev A)**

M1	Percent	Of units responding appropriately to orders.
M2	Percent	Of units achieving objectives.
M3	Percent	Of objectives attained at end of mission.

NTA 5.4.2.1 Maintain Command Presence

To allow the commander to act, either directly or through direct communication, so as to infuse among subordinates the commander’s will and intent. In addition to guiding, directing, and controlling operations, a commander must make his personal presence felt through personal positioning, communication, and involvement. **(JP 1, 0-2, 3-0, 5-0, NDP 5, 6, NWP 5-01 Rev A)**

M1	Percent	Of subordinate commanders can explain concept and intent of superior.
M2	Time	Between visits to or communications with subordinate units.

NTA 5.4.2.2 Maintain Unit Discipline

To preserve ordered behavior and obedience within the naval forces even under the severest combat conditions in order to execute the commander’s concept and intent. **(JP 3-0, 4-0, 5-0, NDP 5, 6, NWP 5-01 Rev A)**

M1	Percent	Of personnel receive NJP.
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M2	Number	Courts Martial cases.
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NTA 5.4.3 Synchronize Tactical Operations and Integrate Maneuver with Firepower

To arrange surface, subsurface, air, and ground forces and coordinate detection assets and tactical fires with the maneuver of forces in time, space, and purpose to support the commander’s concept of operations and produce maximum relative combat power of combined arms at the decisive point. The goal is to maximize the effects of fires to accomplish the mission and minimize the effects on friendly/neutral forces and noncombatants. This task includes requests to higher authorities and requests to or support of non-assigned units operating within the area of operations, ships and units of foreign nations not under US command, and coordinating with external agencies and elements. **(JP 1, 3-0, 3-01.4, 3-02, 3-02.1, 3-03, 3-05, 3-09, NDP 1, 5, NWP 3-21, 3-01.01, 3-56 Rev A, 5-01 Rev A, NTTP 3-02.2, FMFM 2-7, FMFM 7)**

M1	Percent	Of missions delayed, disrupted, canceled, or modified due to lack of integration of assets.
M2	Percent	Of subordinate missions executed without requested JF or component support.
M3	Hours	Prior to execution, all units have an execution matrix, which shows the sequence and timing of each unit task throughout the operation.

NTA 5.4.3.1 Coordinate Strike Missions

To provide centralized direction for the allocation and tasking of assigned/ supporting air assets based upon the commander’s apportionment decisions and guidance. This task includes the development and promulgation of strike plans, policy, and intentions and, when directed, the coordination of joint air operations. **(JP 1, 3-0, 3-02, 3-05, 3-09, 5-0, NDP 1, NTTP 3-03.1 Rev E, 3-03.4 Rev A, NWP 3-22.5 Series, 3-20.7, 3-05 Rev D, 5-01 Rev A)**

M1	Percent	Of scheduled sorties launched.
M2	Percent	Of sorties successfully completed.
M3	Percent	Of warfare commander plans/intentions deconflicted with TLAM Launch Plan

NTA 5.4.3.2 Develop/Publish Fire Support Measures

To prepare and promulgate fire support measures for deconfliction of friendly naval surface fire support, close air support, strike, artillery and other direct fires with movement of friendly forces. This task includes establishment of fire support control and coordination measures such as free fire, restricted fire, fire support coordination lines, no-fire, coordinated fire lines, restrictive fire lines, and phase lines. It also includes arranging for necessary support assets not organic to the Task Force. **(JP 1, 3-0, 3-02, 3-02.1, 3-05, 3-09, 5-0, 5-00.2, NDP 1, 5, NWP 3-05 Rev D, 3-56 Rev A, 5-01 Rev A, NTTP 3-02.2, FMFM 7)**

M1	Percent	Of friendly units located in restricted zone.
M2	Time	To promulgate changes to fire support control and coordination measures.
M3	Number	Of strike missions aborted due to changes in fire support control and coordination plan.

NTA 5.4.3.3 Coordinate Naval Surface Fire Support (NSFS)

To coordinate NSFS with maneuver of forces ashore into a cohesive action maximizing their effect in accomplishing the mission and minimizing adverse effects on friendly/neutral forces and

noncombatants. (JP 1, 3-0, 3-02, 3-02.1, 3-05, 3-09, 3-09.1, 5-0, 5-00.2, NDP 1, 5, 6, NWP 3-20.1, 3-05 Rev D, 3-56 Rev A, 5-01 Rev A, NTTP 3-02.2, FMFM 7)

Note: Also see NTA 3.2.8.1, *Organize Fire Support Assets*.

M1	Number	Targets successfully engaged.
M2	Percent	Of friendly forces execute assigned missions on time.
M3	Percent	Of personnel and equipment coming through SLOCs experience no delay, disruption, or cancellation due to enemy naval action.

NTA 5.4.3.4 Coordinate Artillery Support

To coordinate artillery support with maneuver of forces ashore into a cohesive action maximizing their effect in accomplishing the mission and minimizing adverse effects on friendly/neutral forces and non-combatants. (JP 1, 3-0, 3-02, 3-02.1, 3-09, 5-0, 5-00.2, NDP 1, 5, NWP 3-02.1, 5-01 Rev A, NTTP 3-02.2, FMFM 7)

M1	Number	Targets successfully engaged.
M2	Percent	Of friendly forces execute assigned missions on time.
M3	Number	Fires on friendly/neutral forces.

NTA 5.4.3.5 Coordinate Close Air Support

To coordinate close air support (CAS) with maneuver of forces ashore into a cohesive action maximizing their effect in accomplishing the mission and minimizing adverse effects on friendly/neutral forces and non-combatants. (JP 1, 3-0, 3-02, 3-02.1, 3-09.3, 5-0, 5-00.2, NDP 1, 5, NWP 3-02.1, 3-56.1 Rev A, 5-01 Rev A, NTTP 3-02.2, FMFM 7)

M1	Minutes	Of on station time of CAS support.
M2	Number	Of CAS sorties scheduled.
M3	Percent	Of CAS sorties scheduled were flown.

NTA 5.4.3.6 Coordinate Offensive Mining Operations

To coordinate offensive mining operations to neutralize opposition maritime firepower and minimize threat to friendly forces. (JP 1, 3-0, 3-07, 3-07.2, 3-10.1, 3-15, NDP 1, NWP 3-15 Series)

M1	Hours	To coordinate minefield plan and input to MTO.
M2	Y/N	Was planned minefield effectiveness achieved at > 50% SIT?
M3	Y/N	Was minefield re-seeding considered?

NTA 5.4.4 Establish Liaisons

To provide personnel to other units or external agencies to allow for better communication and coordination. This includes providing support and facilities for liaisons assigned to one's own unit. (JP 2-0, 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)

M1	Time	From alert order until force liaison structure is established.
M2	Incidents	Of friendly forces orders/taskings delayed because of insufficient liaison.

M3	Percent	Of plan changes are due to missing or late information from a unit or agency.
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NTA 5.4.5 Report and Analyze Mission Readiness To review data and produce routine, periodic, situation, and status reports as well as reporting ability to continue mission following significant tactical events. **(JP 1, 3-0, 5-0, 5-00.2, CJCSI 3150.01, NDP 6, NTTP 1-03.3 Rev A)**

Note: The data for conducting this report is maintained at NTA 5.1.3.3, *Maintain and Display Unit Readiness*.

M1	Time	To prepare readiness reports
M2	Percent	Of accurate reports

NTA 5.5 Conduct Information Warfare (IW)

To integrate the use of operations security (OPSEC), military deception (MILDEC), psychological operations (PSYOP), electronic warfare (EW), computer network operations (CNO), physical destruction, and the related activities of civil affairs (CA) and public affairs (PA), mutually supported by intelligence to deny information and to influence, degrade, or destroy adversary C2 capabilities, and to protect friendly C2 against such actions. Employing IW includes two component activities: (1) prevent or deny enemy effective C2 of adversary forces (also called C2 attack) and (2) maintain effective friendly C2 (also called C2 protect). **(JP 1, 3-0, 3-13, 3-51, NDP 6, NWP 3-13, NWP 3-13.1.13)**

M1	Percent	Of IW targets included in targeting plans.
M2	Number	Mission plans have integrated IW efforts.
M3	Percent	Of enemy operations are delayed, disrupted, canceled, or modified due to the IW plan.

NTA 5.5.1 Plan, Integrate, and Employ C2 Attack

To plan actions to prevent effective C2 of adversary forces by denying information through influencing, degrading, or destroying the adversary C2 system. **(JP 1, 3-0, 3-13, 3-51, NDP 6, NWP 3-13)**

M1	Percent	Of OPLANs include a deception plan.
M2	Percent	Of the Battle Plan has C2 attack integrated.
M3	Time	To plan C2 Attack on newly identified adversary C2 targets.

NTA 5.5.2 Plan, Integrate, and Employ C2 Protection

To plan actions to maintain effective command and control of own forces by turning to friendly advantage (or negating) an adversary's efforts to deny information to friendly forces. It also includes turning to friendly advantage (or negating) an adversary's efforts to influence, degrade, or destroy the friendly C2 system. **(JP 1-02, 3-0, 3-13, 3-51, 5-0, 5-00.2, NDP 6, NWP 3-13)**

Note: This task includes the integration of OPSEC, MILDEC, PSYOP, EW, CNO, physical destruction, and the related activities of CA and PA.

M1	Percent	Of enemy operations are delayed, disrupted, canceled, or modified due to the C2W plan.
M2	Percent	Of campaign plans have integrated command and control warfare (C2W) efforts.
M3	Percent	Of plans consider friendly/adversary use of the electromagnetic (EM) spectrum (i. e., the joint restricted frequency list ((JRFL)).

NTA 5.5.3 Conduct Psychological Operations

To conduct planned operations to convey selected information and indicators to foreign audiences to influence their emotions, motives, objective reasoning, and ultimately the behavior of foreign governments, organizations, groups, and individuals. This includes: (1) Identifying afloat reproduction and printing capabilities available for development of approved psychological operations (PSYOP) products to include handbills, leaflets, and posters, (2) Identifying delivery capabilities to include air, ordnance, and electronic means, (3) Conducting support to joint PSYOP plans, and (4) Maintaining, deploying, and identifying shortfalls in PSYOP support equipment not available afloat. **(JP 1-02, 3-0, 3-07, 3-13, 3-13.1, NDP 6, NTTP 3-13.1, MCWP 3-36.2, OPNAVINST 3434.1)**

M1	Percent	Of enemy forces decoyed from main attack area by PSYOP and/or deception plan.
M2	Percent	Of PSYOP objectives accomplished in the JOA/theater of operations.
M3	Percent	Of PSYOP effort focused on stabilizing and reinforcing allied forces and host nation.

NTA 5.5.4 Conduct Electronic Warfare Support (ES)

To obtain signals intelligence (SIGINT) information about the activities of an enemy or potential enemy in the tactical area of operations. This task employs land, sub-surface, airborne, shipboard, and space sensors to complement perishable information obtained by other sources. This task includes providing, either on a time-share or dedicated basis, assets or asset protection to meet the commander's needs in a tactical environment. **(JP 3-13, 3-13.1 NWP 3-13.1.13, NTTP 3-13.1)**

M1	Time	To rapidly reprogram warfighter sensors and seekers within the electromagnetic spectrum.
M2	Time	From receipt of data to classification to dissemination of tactical information.
M3	Units	Number of unresolved emitter ambiguities in the tactical picture.

NTA 5.5.4.1 Conduct Measurement of Own Force Electronic Emitters

To develop a database of own forces emitters in order to monitor and control own force emissions. This task would entirely depend upon a valid, up-to-date "own force" database, this will significantly minimize inter-force interference, blue on blue attacks (both soft and hard kill) and provide systems analysis to determine signals security deficiencies and recommend appropriate corrective action. **(JP 3-13, NWP 3-13.1.13, OPNAVINST S5513.8B, OPNAVINST 3430.23B, OPNAVINST 5450.191B)**

Note: This task also supports the precise implementation of the following tasks: NTA 5.5.5, Perform Information Assurance; NTA 5.5.5.2, Perform Electronic Protection; NTA 3.2.5, Conduct Electronic Attack.

M1	Percent	Of own ship's emitters properly identified and recorded
M2	Incidents	Blue-on-Blue/Gray/White due to incorrect own force electronic emission measurement
M3	Incidents	Of SIGSEC violations due to incorrect own force electronic emission measurement.

NTA 5.5.4.2 Conduct Electronic Warfare Reprogramming

To reprogram electronic warfare systems and libraries to ensure the continuing life-cycle integrity of EW systems' library data and implement the mechanism for informing commanders of changes in the EW environment and the potential impact of those changes on deployed platform and force protection systems. This task includes effectively countering hostile wartime reserve modes (WARM) and maintaining a vigilant intelligence review effort in order to minimize the impact of threat WARM on naval reprogrammable EW systems. **(CJCSI 3210.04, OPNAVINST 3430.23B, JP 3-51)**

M1	Percent	WARM signals recognized.
M2	Y/N	Threat change analysis request (TCAR) properly formatted and addressed.
M3	Y/N	Personnel identified and trained to reprogram sensors.

NTA 5.5.5 Perform Information Assurance

To protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality, and nonrepudiation. This includes providing for restoration of information systems by incorporating protection, detection and reaction capabilities. **(JP 1-02, JP 3-13, NTTP 3-13.1)**

M1	Units	Number of incidents reported on adversary's attempt to attack friendly information, information systems, information-based processes and computer-based networks.
M2	Units	Number of viruses detected.
M3	Units	Number of denials issued after unauthorized access attempts.

NTA 5.5.5.1 Provide Computer Network Defense

To protect and defend information, computers, and networks from disruption, denial, degradation, or destruction. **(CJCSI 6510.01)**

M1	Units	Number of successful attacks on friendly information, information systems, information-based processes, and computer-based networks.
M2	Percent	Degradation due to successful attacks on friendly systems.
M3	Percent	Of computer attacks successfully thwarted.

NTA 5.5.5.2 Perform Electronic Protection To protect personnel, facilities, and equipment from any effects of friendly or enemy employment of electronic warfare that degrade, neutralize, or destroy friendly combat capability. **(JP 1-02, JP 3-13, NTTP 3-13.1)**

M1	Units	Number of friendly operations disrupted or degraded due to friendly interference.
M2	Percent	Of friendly operations disrupted or degraded due to adversarial actions.

M3	Percent	Degradation to I&W capability due to friendly interference.
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NTA 5.5.6 Perform Spectrum Management

To plan, coordinate, manage and control use of the electromagnetic spectrum through operational engineering, administrative and visualization procedures, with the objective of ensuring electronic systems (radar, communications and electronic warfare support equipment) perform their functions in the intended environment without causing or suffering unacceptable interference or degradation. **DOD Directive 3222.3, JP 3-13, CJCSI 3210.01, CJCSI 3210.03A, OPNAVINST 3430.26, NWP 3-13, NTTP 3-13.1, NTTP 3-13.2)**

M1	Time	To respond to emergent tasking.
M2	Percent	Of the time the information warfare commander (IWC) makes correct changes in response to changing environmental conditions.
M3	Minutes	For units to acknowledge and report cyber condition zebra.

NTA 5.6 Conduct Acoustic Warfare

Action involving the use of underwater acoustic energy to determine, exploit, reduce, or prevent hostile use of the underwater acoustic spectrum and actions, which retain friendly use of the underwater acoustic spectrum. This task includes acoustic warfare support measures, acoustic warfare countermeasures, and acoustic warfare counter-countermeasures. **(JP 1, 3-0, NDP 1)**

M1	Percent	Sonar coverage of surveillance area.
M2	Incidents	Requiring use of acoustic countermeasures.
M3	Incidents	Requiring use of acoustic counter-countermeasures.

NTA 5.7 Establish a Task Force Headquarters

To organize a headquarters for the command and control of designated and organized forces under the duly authorized force commander. This includes developing a command and control structure, a force liaison structure, and effectively integrating force staff augmentees. **(JP 3-0, 5-0, 5-00.2, NDP 6)**

M1	Days	To deploy forward and establish in theater a task force headquarters element.
M2	Days	After arrival at deployed site, task force headquarters established communications with host-nation, US Department of State (DOS) representatives and nongovernmental agencies
M3	Days	To establish a liaison structure.

NTA 5.7.1 Develop a Force Command and Control Structure

To establish a structure for command and control of subordinate forces, maintain liaison with elements of the force, and integrate augmented personnel. **(JP 0-2, 3-0, 5-0, CJCSM 3122.03, NDP 5, 6, NWP 5-01 Rev A)**

M1	Days	To deploy forward and establish in theater a task force headquarters element.
M2	Hours	After arrival in operational area, to establish communication links up, down, across.
M3	Days	After arrival at deployed site, task force headquarters established communications with host-nation, US DOS representatives and non-governmental agencies

NTA 5.7.2 Deploy Force Headquarters Advance Element

To deploy elements of the headquarters into the operational area in advance of the remainder of the force. This activity includes collecting and updating information relevant to the pre-deployment site survey. **(JP 3-0, 5-0, 5-00.2, NDP 5, 6, NWP 5-01 Rev A)**

M1	Days	To identify members of advance element.
M2	Days	In advance of remainder of force, advance element in place.
M3	Days	To collect and assess information relevant to site.

NTA 5.7.3 Plan and Execute Command Transition

To establish continuous, uninterrupted, and unambiguous guidance and direction for command transition; to plan and execute command transition. To ensure possession of adequate C4I capabilities, specific procedures, adequate communications, connectivity, manning, intelligence support, and C2 capability for command transitions. **(JP 0-2, 3-0, 5-0, MCWP 6-22, NDP 5, 6, NWP 5-01 Rev A)**

M1	Days	Prior to execution, execution matrix available.
M2	Hours	To complete transition after receipt of execution order.
M3	Percent	Of checklist items completed on time.

NTA 5.8 Provide Public Affairs Services

To advise and assist the commander, associated commands, and coalition partners (or host nation in military operations other than war) in providing information to internal and external audiences, by originating (and assisting civilian news media in originating) print and broadcast news material, and assisting with community relations projects. The task includes establishing an information bureau to meet area requirements and includes the coordination of the combat camera group's activities. **(JP 1, 3-0, 3-07 Series, 3-53, 3-57, NDP 1, 5, 6)**

M1	Percent	Of OPLANs include discussion of media organizations in AOR, their likely attitude toward operations, and special impact media organizations may have on operations.
M2	Percent	Of OPLANs address local customs, laws, and policies concerning presence of media in area of responsibility (AOR) nations.
M3	Hours	To provide to the press an initial theater position on a breaking news story.

Force Protection

NTA 6 PROTECT THE FORCE

To protect the tactical forces fighting potential so that it can be applied at the appropriate time and place. This task includes those measures the force takes to remain viable and functional by protecting itself from the effects of or recovery from enemy activities. **(JP 2-01, 3-0, 3-01.5, 3-02, 3-03, 3-07.1, 3-07.2, 3-07.5, 3-09, 3-10.1, 3-11, 3-17, 3-61 NDP 1, 6, NWP 3 Series, FMFM 13)**

M1	Casualties	To friendly forces due to enemy actions.
M2	Casualties	To friendly forces due to enemy activities and natural occurrences

NTA 6.1 Enhance Survivability

To protect personnel, equipment, ships, aircraft, supplies, areas, and installations from enemy and friendly operations and systems and natural occurrences. **(JP 1, 3-0, 3-02, 3-03, 3-13, 3-15, 3-51, 3-54, 3-58, NDP 1, NWP 3 Series).**

M1	Percent	Of friendly casualties due to enemy actions.
M2	Casualties	To friendly forces due to enemy actions and natural occurrences.
M3	Percent	Of casualties due to natural occurrences

NTA 6.1.1 Protect Against Combat Area Hazards

To protect friendly forces in the battlespace by reducing or avoiding the effects of enemy weapons systems and sensors and friendly mutual interference or fratricide. This task includes providing safety to personnel, units, and equipment during operations and training (e.g., through positive identification). **(JP 1, 3-0, 3-02, 3-03, 3-01.4, 3-13, 3-15, 3-51, NDP 1, NWP 3 Series)**

M1	Minutes	To confirm identity of unidentified target.
M2	Percent	Of targets accurately located.
M3	Percent	Of targets accurately identified.

NTA 6.1.1.1 Protect Individuals and Systems

To use protective positions, measures, or equipment to reduce the effects of enemy and friendly weapon systems and to enhance force effectiveness. This activity physically protects a military unit, area, activity, or installation against acts designed to impair its effectiveness and to retain the unit's capability to perform its missions and tasks. It includes employing local security, observation posts, and protective positioning of equipment. While moving, forces employ a variety of movement techniques designed to enhance protection (e.g., the use by maritime forces of convoys, circuitous routing, dispersal and defensive formations, and zigzag plans; includes the use by naval aircraft of routing and formations that enhance self-protection, plus individual aircraft jinking techniques). The task includes providing for passive defense in a nuclear/biological/ chemical (NBC) - chemical/biological/radiological (CBR) environment. **(JP 1, 3-0, 3-02, 3-03, 3-01.4, 3-11, 3-13, 3-15, 3-51, NDP 1, 4, NWP 3 Series, FMFM 13)**

M1	Incidents	Of degradation of friendly forces attributed to inadequate protective measures.
M2	Minutes	For force to issue downwind hazard warnings of NBC attack.

M3	Percent	Of friendly units employ NBC monitoring equipment.
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NTA 6.1.1.2 Remove Hazards

To eliminate the presence of hazards to equipment and personnel. This task includes hazardous material removal, decontamination, and explosive ordnance disposal. **(JP 3-0, 3-02, 3-07, 3-11, 3-15, NDP 1, NWP 3 Series)**

M1	Percent	Of identified hazards cleared (munitions, HAZMAT, etc) cleared.
M2	Number/Percent	Units decontaminated (personnel & essential equipment).
M3	Percent	Of rear area restored to critical mission capability.

NTA 6.1.1.2.1 Conduct Explosive Ordnance Disposal

To detect, locate, access, identify, and dispose of domestic or foreign conventional ordnance, underwater ordnance, and improvised explosive devices (IED) that present a threat to military operations and military and civilian facilities, materiel, and personnel, regardless of location. This task includes render safe and recovery of conventional or underwater ordnance, and improvised explosive (IED) devices as appropriate. This task also includes the detection, evaluation, decontamination, recovering, rendering safe, and/or disposing of nuclear, chemical, and biological agents or munitions as appropriate. **(JP 3-0, 3-02, 3-07, 3-11, 3-15, NDP 1, NWP 3 Series, NTTP 3-02.41).**

M1	Y/N	EOD support allows the unit to accomplish its mission.
M2	Y/N	Collateral damage incurred during the EOD operation is within acceptable limits.
M3	Y/N	Safeguard classified materials and publication during the EOD operations.

NTA 6.1.1.2.2 Provide Support to the Secret Service

To provide support to the U. S. Secret Service, the Department of State, and the Department of Defense for the protection of the President and other designated high-risk personnel to include support such as explosives device threat location and identification. **(JP 3-0, 3-02, 3-07, 3-11, 3-15, NDP 1, NWP 3 Series, NTTP 3-02.41, FM 9-15)**

M1	Y/N	EOD support accomplishes the intent of protecting the executive from death or injury from ordnance and improvised explosive devices.
M2	Y/N	Collateral damage incurred during the conduct of the EOD operations is in acceptable limits.
M3	Y/N	Safeguarded classified materials and publications during EOD operation.

NTA 6.1.1.3 Positively Identify Friendly Forces

To provide the means, procedures, and equipment to positively identify friendly forces and distinguish them from unknown, neutral, or enemy forces. This task includes positively distinguishing friendly from enemy forces through various methods that may include procedural, visual, electronic, and acoustic, in addition to providing information to the force commander to aid in the identification of unknown contacts. **(JP 1, 3-0, 3-09.3, 3-52, 5-00.2, NDP 1, 6, NWP 3 Series)**

M1	Minutes	To confirm identity of unidentified target.
M2	Number/Percent	Of forces accurately identified.
M3	Percent	Of friendly casualties due to friendly actions.

NTA 6.1.2 Conduct Perception Management

To convey and/or deny selected information and indicators to foreign audiences to influence their emotions, motives, and objective reasoning. To convey and/or deny selected information and indicators to intelligence systems and leaders at all levels to influence official estimates, ultimately resulting in foreign behaviors and official actions favorable to the originator's objectives. In various ways, perception management combines truth projection, operations security, cover and deception, and psychological operations. **(JP 1-02, JP 3-13, NTTP 3-13.1)**

M1	Percent	Of adversarial operations that are delayed, disrupted, modified, or canceled due to perception management efforts
M2	Time	After warning orders disseminated to initiated perception management campaign

NTA 6.1.2.1 Employ Operations Security

To deny adversaries information about friendly capabilities and intentions by identifying, controlling, and protecting indicators associated with planning and conducting naval operations. OPSEC process consists of five distinct actions: identification of critical information, analysis of threat, analysis of vulnerability, assessment of risk and application of appropriate OPSEC measures. **(JP 0-2, 1, 2-0, 3-0, 3-02.1, 3-02.2, 3-05, 3-07, 3-10, 3-53, 3-54, 6-0, NDP 1, 6, NTTP 3-13.1)**

M1	Percent	Of communications encrypted.
M2	Percent	Of communications sent by secure transmission means.
M3	Incidents	Of classified items divulged to enemy forces.

NTA 6.1.2.1.1 Employ Electronic Security

To deny unauthorized persons information of value that might be derived from their interception and study of non-communications electromagnetic radiations, e.g., radar. **(JP 3-0, 3-02.1, 3-07.2, 3-54, NDP 1, 6)**

M1	Interceptions	Of friendly communications during planning and execution.
M2	Percent	Of friendly emitters exploited by enemy.
M3	Teams	Fielded to monitor friendly emitters.

NTA 6.1.2.1.2 Employ Concealment Techniques

To protect friendly forces and personnel from observation and surveillance. This task includes the use of maneuver, deceptive lighting, certain emissions control postures, camouflage, physical evidence controls, smoke, and other obscurants. **(JP 3-0, 3-01.1, 3-02.1, 3-03, 3-04.1, 3-05, 3-07.1, 3-07.2, 3-09.1, 3-10, 3-10.1, 3-15, 3-54, 3-58, 4-01.6, NDP 1, 6, NTTP 3-58.1)**

M1	Minutes	To execute concealment
M2	NM	Compression of enemy surveillance window.
M3	NM	Expansion of friendly engagement window.

NTA 6.1.2.1.3 Employ Communication Security

To deny unauthorized persons information derived from telecommunications of the U.S. Government related to national security and to ensure the authenticity of such communications. Such protection results from the application of security measures (including crypto security, transmission security, emissions security, password management and file protection) to telecommunications systems and automated information systems (AIS), which generate, handle, process, store, or use classified or sensitive government or government-derived information, the loss of which could adversely affect the national security interest. It also includes the application of physical security measures to communications security (COMSEC) information or materials. **(JP 3-0, 3-02.1, 3-07.2, 3-54, NDP 1, 6)**

M1	Interceptions	Of friendly communications during planning and execution.
M2	Percent	Of friendly emitters exploited by enemy.
M3	Incidents	Of signal fratricide experienced by force due to failure to apply frequency allocation or frequency management.

NTA 6.1.2.2 Conduct Deception in Support of Tactical Operations

To mask the real objectives of tactical operations and delay effective enemy reaction. This is done by misleading the enemy about friendly intentions, capabilities, objectives, and the locations of vulnerable units and facilities. This task includes manipulating, distorting, or falsifying evidence available to the enemy to enhance security of real plans, operations, or activities. It includes counter-targeting and physical and electronic (imitative, simulative, and manipulative) deception. **(JP 3-0, 3-01.5, 3-02, 3-02.1, 3-05, 3-53, 3-58, NDP 1, 6, NTTP 3-58.1)**

M1	Percent	Of desired time, deception plan held enemy's attention.
M2	Number	Of enemy forces deployed/diverted to deal with deception threat.
M3	Number	Indicators of false intentions provided to the enemy.

NTA 6.1.3 Conduct Counterdeception

To negate, neutralize, diminish the effects of (or gain advantage from) a foreign deception operation. (Counterdeception does not include the intelligence function of identifying foreign deception operation.) **(JP 1-02, JP 3-13, NTTP 3-13.1)**

M1	Percent	Of adversary deception operations utilized for friendly tactical advantage.
M2	Number	Of adversary deception operations negated due to friendly operations.

NTA 6.1.4 Conduct Counterpropaganda Operations

To conduct activities that identify adversary propaganda and, thereby, contribute to situational awareness and serve to expose adversary attempts to influence friendly populations and military forces. **(JP 1-02, JP 3-13, NTTP 3-13.1)**

M1	Percent	Of adversary propaganda operations identified.
M2	Time	To inception of a Counterpropaganda operation after initial identification.
M3	Units	Number of adversary propaganda endeavors that are exposed in order to influence population and military forces to friendly advantage.

NTA 6.1.5 Maintain Counterreconnaissance

To protect a military unit, area, activity, or an installation against hostile observation acts. **(JP 2-0, 3-0, 3-10, 3-10.1, NDP 1, 2, 6, NWP 2-01, 3-05 Rev D)**

M1	Number/Percent	Of components receiving a counterreconnaissance plan prior to execution.
M2	Number/Percent	Of priority intelligence requirements assigned to counter-reconnaissance assets.
M3	Percent	Of operations delayed, disrupted, canceled, or modified due to compromise of friendly intentions.

NTA 6.1.6 Protect the Environment

To protect the environment through awareness, compliance, prevention, mitigation and elimination of threats to the natural environment. **(NWP 4-11)**

M1	Percent	Of environmental programs that are in compliance with federal, state, local, and tribal regulations.
M2	Y/N	Is manning sufficient to provide adequate oversight of environmental programs?
M3	Y/N	Was environmental awareness training for fleet units conducted annually?.

NTA 6.1.6.1 Support Environmental Compliance

To support compliance with environmental regulations. This task supports all activities required to achieve compliance with environmental laws, regulations, Executive Orders, DOD environmental policy, and overseas Final Governing Standards (FGS) or the Overseas Environmental Baseline Guidance Document (OEBGD) as applicable. This task does not include meeting requirements for conservation or pollution prevention. **(OPNAVINST 5090.1B, DODI 4715.6)**

M1	Y/N	Obtains and renews environmental permits in accordance with legally required timelines.
M2	Y/N	Supports the disposal of hazardous and industrial waste within legally required time limits and mission requirements.
M3	Y/N	Supports the development and approval of National Environmental Policy Act (NEPA) or equivalent planning documentation in accordance with programmatic timelines.

NTA 6.1.6.2 Conserve Cultural and Natural Resources

To support the conservation, protection and enhancement of cultural and natural resources of installations and surrounding areas. Includes activities to achieve compliance with cultural and natural resources laws, regulations, Executive Orders, DOD environmental policy, and overseas Final Governing Standards (FGS) or the Overseas Environmental Baseline Guidance Document (OEBGD) as applicable. **(OPNAVINST 5090.1B, DODI 4710.1, DODI 4715.3)**

M1	Y/N	Updates Integrated Natural Resource Management Plans (INRMPs) and Integrated Cultural Resources Management Plans (ICRMPs) in accordance with all program cycles.
M2	Y/N	Implements legally required natural and cultural resources protection and enhancement measures identified in INRMPs and ICRMPs in accordance with all program cycles.

M3	Y/N	Supports the fleet through proactive natural and cultural resources initiatives critical to the protection of Navy Operational Readiness.
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NTA 6.1.6.3 Prevent Environmental Pollution

To prevent environmental pollution by source reduction (pollutant elimination and/or reduction) or pollutant minimization. This task includes activities to achieve compliance with pollution prevention laws, regulations, Executive Orders, DOD environmental policy, and overseas Final Governing Standards (FGS) or the Overseas Environmental Baseline Guidance Document (OEBGD) as applicable. **(OPNAVINST 5090.1B, DODI 4715.4)**

M1	Y/N	Updates Pollution Prevention Plans in accordance with all program cycles.
M2	Y/N	Supports the fleet through proactive pollution prevention initiatives critical to the protection of Navy Operational Readiness.
M3	Percent	Of designed and implemented environmental protection systems (pollution abatement devices, oily water separators, etc) fully mission capable.

NTA 6.2 Rescue and Recover

To rescue and recover military and civilian personnel, equipment and systems. **(JP 1, 3-0, 3-05, 3-50 Series, NDP 1, 6, NWP 3-50.1 Rev A)**

M1	Hours	To reach area of isolated personnel after <i>Go</i> decision.
M2	Hours	To rescue and recover designated personnel.
M3	Hours	To rescue an aircrew after ejection or bailout.

NTA 6.2.1 Evacuate Noncombatants from Area

To use available military and civilian resources (including host-nation resources) to evacuate U.S. dependents, U.S. Government civilian employees, and private citizens (U.S. and third nation) from the area of operations. This task includes providing temporary security augmentation to U.S. Government and U.S. privately owned facilities ashore. **(JP 1, 3-0, 3-07, 3-07.5, 5-00.2, NDP 1, 6, NWP 3-07)**

M1	Number/Percent	People safely evacuated.
M2	Number	People safely evacuated each day.
M3	Days	From receipt of order to evacuate first noncombatant.

NTA 6.2.2 Conduct Personnel Recovery

To execute Personnel Recovery (PR) operations using component, joint, multinational, and multi-agency Personnel Recovery capabilities to report, locate, support, recover, and debrief and reintegrate U.S. military, Department of Defense (DOD) civilians, contractors, and other designated personnel. At the tactical level, PR includes Search and Rescue (SAR), Combat Search and Rescue (CSAR), and Survival, Escape, Resistance, and Evasion (SERE).

M1	Hours	To reach area of isolated personnel after <i>Go</i> decision.
M2	Hours	To rescue and recover designated personnel
M3	Minutes	From notification a person was missing until rescue units prepared to authenticate identity of isolated personnel.

NTA 6.2.2.1 Perform Search and Rescue (SAR)

To employ aircraft, surface ships, submarines, specialized rescue teams, and equipment for search and rescue (SAR) of personnel in distress on land or at sea. **(JP 1, 3-0, NDP 1, 6, NWP 1-02, 3-50.1 Rev A)**

M1	Hours	To reach area of isolated personnel after <i>Go</i> decision.
M2	Hours	To rescue a survivor or isolated person.
M3	NM ²	Search area coverage.

NTA 6.2.2.2 Perform Combat Search and Rescue (CSAR)

To locate and extract personnel from enemy controlled area during wartime or contingency operations. To conduct recovery operations during an in-extremis situation by means of an emergency extraction of hostages and/or sensitive items and expeditiously transport them to a designated safe haven. **(JP 3-0, 3-50.2, 3-50.21, NDP 1, 6, NWP 3-05 Rev D, 3-50.1 Rev A, 3-50.22)**

M1	Hours	To reach area of isolated personnel after <i>Go</i> decision.
M2	Hours	To rescue an aircrew after ejection or bailout.
M3	Number/Percent	Of aircrews missing behind enemy lines recovered.

NTA 6.2.2.3 Conduct Tactical Recovery of Aircraft and Personnel (TRAP)

To conduct and plan the tactical recovery operations of aircraft and personnel (TRAP). To locate and extract distressed personnel and sensitive equipment from enemy controlled area during wartime or contingency operations to prevent capture. TRAP is performed by an assigned and briefed aircrew and is a subcomponent of combat search and rescue (CSAR) and/or joint combat search and rescue (JCSAR) missions, but is only executed once the location of survivors is confirmed. A TRAP mission may include personnel to conduct the search portion of CSAR or the over water portion of search and rescue missions. The composition of a tactical recovery mission may vary from a single aircraft and aircrew to an assault support mission package that consists of multiple fixed-wing and rotary-wing aircraft with an onboard compliment of security, ground search, and medical personnel. **(JP 1, 3-0, 3-50.2, MCWP 2-6, 3-2, 3-11.4, 3-24, 3-25.4, NDP 1, NWP 3-05)**

M1	Number/Percent	Of personnel sending distress signals, rescued.
M2	Hours	To rescue an aircrew after ejection or bailout.
M3	Number/Percent	Of aircrews missing behind enemy lines recovered.

NTA 6.2.2.4 Conduct Submarine Escape and Survival

To use equipment and methods to ensure ability of personnel to escape from a severely damaged submarine and survive until rescued. **(SSM, COMSUBLANT/COMSUBPAC Joint OPOD 2000/2001; COMSUBLANT/ COMSUBPACINST 3500.1)**

M1	Y/N	Unit personnel are knowledgeable of procedures to maximize survival time.
M2	Percent	Of personnel who survive after escape.
M3	Y/N	Unit has effective escape and survival plan.

NTA 6.3 Provide Security for Operational Forces and Means

To enhance freedom of action by identifying and reducing friendly vulnerability to hostile acts, influence, or surprise. This includes measures to protect from surprise, observation, detection, interference, espionage, terrorism, and sabotage. This task includes actions for protecting and securing the flanks and rear area of operational formations, and protecting and securing critical installations, facilities, and systems. It also includes protection of harbors, ports, and installations against acts, which may undermine the effectiveness of friendly forces. **(JP 1, 3-0 Series, NDP 1, 2, NWP 3 Series, NTTP 3-13.1)**

M1	Incidents	Of friendly operations degraded due to enemy observation, detection, interference, espionage, terrorism and/or sabotage.
M2	Incidents	By enemy troops, or partisans, affecting security of force and means in the operations area.
M3	Percent	Of operationally significant hazards removed or neutralized successfully.

NTA 6.3.1 Protect and Secure Area of Operations

To protect the routes, land, water, and air, which connect an operating military force with a base of operations and along which supplies and military forces move. **(JP 1, 3-0 Series, 3-10, NDP 1, 4, NWP 3 Series, 3-10, 3-10.3)**

M1	Incidents	Of interruption of logistics and/or movement of military forces disrupted due to hostile action
M2	Percent	Of LOC traffic delayed or destroyed due to hostile action.
M3	Time	To restore LOC to full capacity following an interruption.

NTA 6.3.1.1 Establish and Maintain Rear Area Security

To provide for rear area security including measures taken prior to, during, and/or after an enemy airborne attack, sabotage, infiltration, guerrilla action, and/or initiation of psychological or propaganda warfare to minimize the effects thereof. **(JP 1, 3-0, 3-10, MCWP 3-41.1, NDP 1, NWP 3-02 Series)**

M1	Incidents	Of rear area security degradation due to enemy airborne attack, sabotage, infiltration, guerrilla action, and/or initiation of psychological or propaganda warfare.
M2	Number/Percent	Of tactical units diverted to deal with rear area threat.
M3	Incidents	Which result in damage to forces, material, or equipment in rear area.

NTA 6.3.1.2 Protect/Secure Installations, Facilities, and Personnel

To protect installations, facilities, personnel and their families. **(JP 1, 3-0, 3-01 Series, 3-10, MCWP 3-41.1, NDP 1, NWP 3 Series, 3-10 Rev A, DODI 2000.16, OPNAVINST 5530.14)**

M1	Number/Percent	Of critical friendly facilities (e.g., ports of debarkation, command posts) destroyed, damaged, or rendered inoperable by sabotage or insurgents or terrorist actions.
M2	Percent	Of critical friendly facilities hardened or protected against hostile acts.
M3	Incidents	Of operations delayed, disrupted, canceled or modified due to enemy attacks against operationally critical installations, facilities, and systems.

NTA 6.3.1.3 Provide Harbor Defense and Port Security

To provide naval forces for the protection of vessels and port/waterfront facilities. This task includes protecting friendly forces within a designated geographic area; harbors, approaches, or anchorages against external threats, sabotage, subversive acts, accidents, theft, negligence, civil disturbance, and disasters. **(JP 3-0, 3-10, 4-0, 4-01.5, 4-04, MCWP 3-41.1, NDP 1, NWP 3-07.12, DODI 2000.16, OPNAVINST 5530.14)**

M1	Incidents	That result in significant damage to strategic/tactical logistic lift within the port/harbor.
M2	Number/Percent	Reduction of shipping/throughput because of attack, sabotage, civil disturbance, accidents, theft, negligence, and disasters.
M3	Time	To restore port/harbor to full capacity after incident.

NTA 6.3.1.4 Protect Lines of Communication

To protect the land, water, and air routes which connect an operating military force with a base of operations and along which supplies and military forces move. **(JP 1, 3-0 Series, 3-10, NDP 1, 4, NWP 3 Series, 3-10 Rev A, 3-10.3)**

M1	Percent	Reduction in LOC capacity resulting from enemy attacks.
M2	Time	Delay in scheduled arrivals due to LOC interruption.
M3	Percent	Of LOCs used to move logistics in operational area are secure.

NTA 6.3.1.5 Establish and Enforce Protection Perimeter

To establish a force protection perimeter to include assessment zone, warning zone, threat zone, and the minimum standoff zone. Task includes enforcing perimeter boundaries and conducting access control to prevent unauthorized entry and counter the introduction of unauthorized personnel, hazardous materials, contraband and/or prohibited items from entering an installation or restricted area. **(NWP 3-07.2 Rev A, SWDG TACMEMO 3-20, 4-01, DODI 2000.16, OPNAVINST 5530.14)**

M1	Y/N	Were unauthorized personnel, vessel, or vehicle permitted inside the minimum standoff zone?
M2	Number	Of minimum standoff zone penetrations.
M3	Number	Of minimum standoff zone penetrations successfully repelled.

NTA 6.3.1.6 Conduct Surveillance Detection Operations

To identify, locate, and help counter the enemy's intelligence, espionage, sabotage, subversion, and terrorist-related activities, capabilities, and intentions in order to deny the enemy the opportunity to take actions against friendly forces. **(NTTP 3-07.2.1 Rev A, DOD Directive 5200.08)**

M1	Y/N	Does the AT/FP plan include surveillance detection operations?
M2	Percent	Required counter surveillance conducted?
M3	Y/N	ATFP Plan includes counter-surveillance and detection operations?

NTA 6.3.1.6.1 Evaluate Base Security Plans

To conduct Force Protection Condition (FPCON)/Random Antiterrorism Measures, surveillance detection, assessments (criticality, vulnerability, and risk), and exercises to determine base security readiness. **(JP 3-10.1, SECNAVINST 3300.2B, DODI 2000.16, OPNAVINST 3300.53B)**

M1	Y/N	Latest directives are included in inspector checklists
M2	Hours	To clear base of non-essential personnel upon receipt of unambiguous warning
M3	Incidents	Of OPREP-3 reports of unattended bags turn out to be improvised explosive devices (IEDs)

NTA 6.3.1.6.2 Operate Low Level Source Networks

To identify, recruit and monitor local personnel who can assist in providing early indication and warnings of potential criminal or hostile activities. **(DOD Directive 5525.5, OPNAVINST 5580.1A)**

M1	Incidents	Where sources provide early indications of impending attacks.
M2	Percent	Of sources remain unrecognized in the local community.
M3	Time	Required to validate low-level source reports.

NTA 6.3.2 Conduct Military Law Enforcement Support (Afloat and Ashore)

To enforce military law and order and collect, evacuate, and intern enemy prisoners of war. **(JP 3-0, 3-07 Series, 3-10, 3-10.1, 3-57, 4-0, NDP 1, 4, NWP 1-14M, 4-09)**

M1	Time	To identify and marshal law enforcement forces.
M2	Time	To construct a theater internment center (as required).

NTA 6.3.2.1 Manage Enemy Prisoners of War

To collect, process, evacuate, intern, safeguard, and transfer enemy prisoners of war and civilian internees. **(JP 0-2, 1, 1-05, 3-0, 3-02.1, 3-05, 3-07 Series, 3-10, 3-53, 3-57, 4-0, 5-00.2, NDP 1, NWP 1-14M)**

M1	Number/Percent	Of prisoners requiring medical attention.
M2	Number	Of prisoners who died during internment.
M3	Number/Percent	Of prisoners who escaped.

NTA 6.3.2.2 Maintain Law and Order

To enforce laws and regulations and maintain the discipline of units and personnel, and provide first response. This task includes performing counterdrug activities, combating terrorism, and coordinating with civil/law enforcement authorities. This task also includes law enforcement, criminal investigation, and military prisoner confinement. **(JP 1, 3-0, 3-05 Series, 3-07 Series, 3-07.3, 3-53, 4-0, NDP 1, NWP 1-14M, OPNAVINST 3440.17, OPNAVINST 5530.14)**

M1	Incidents	Of courts-martial cases.
M2	Quantity	Of contraband confiscated per week.
M3	Number	Of crimes reported

NTA 6.3.2.2.1 Assure Traffic Safety and Security of Routes

To provide safe and secure supply and transportation routes to expedite the movement of resources and to maintain traffic safety. Included in this task are methods to improve and restore traffic safety, direct traffic flows, clear accidents or chokepoints, construct detours and alternate routes, and respond to other traffic and road emergencies. **(DOD Instruction 5200.08, DOD Directive 5525.5, SECNAVINST 5520 5530.4C, OPNAVINST 5580.1A)**

M1	Y/N	Were evolutions conducted IAW Commander's guidance, Doctrine and operating directives?
M2	Percent	Personnel qualified in traffic safety and enforcement IAW policy and doctrine.

NTA 6.3.2.2.2 Review and Apply Use of Force Rules

To review and understand the basis for the Standing Rules of Engagement and Standing Rules for Use of Force and apply the Use of Force Continuum, including the use of deadly force. **(CJCS 3121.01, SECNAVINST 5500.29, OPNAVINST 3591.1, OPNAVINST 5530.13, OPNAVINST 5530.14)**

M1	Percent	Armed personnel trained in use of force (UOF)/UODF procedures IAW policy and doctrine.
M2	Y/N	Plans and pre-planned responses include UOF/UODF rules and freedom of action considerations IAW policy and doctrine.
M3	Incidents	UOF/UODF inappropriately/incorrectly applied.

NTA 6.3.2.2.3 Employ Military Working Dog Assets

Maintain, train, and employ military working dogs (MWDs) for law enforcement and counter-narcotics, counter-explosives and counter-terrorism patrols. This task includes custody and proper handling of required target training aids for dog proficiency. **(OPNAVINST 5585 Series)**

M1	Y/N	Were MWD operations and kennel support conducted IAW applicable directives?
M2	Y/N	Were handling and custody procedures for target training aids performed IAW applicable policy?
M3	Percent	Percent of auxiliary security force trained and ready?

NTA 6.3.2.2.4 Restrict Personnel

To provide administration, control and maintenance of restricted personnel, disciplinary barracks and confinement facilities. **(OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Days	To process punitive transients.
M2	Percent	Of required prisoner services available (religious, barber, medical, clinical, galley).
M3	Percent	Of authorized billets manned.

NTA 6.3.2.3 Manage Refugees and Refugee Camps

To collect, process, evaluate, safeguard, house, and release refugees. This task may include determination of political asylum status. **(JP 1, 3-0, 3-07 Series, 3-57, NDP 1, NWP 1-14, 3-07)**

M1	Time	To identify and marshal forces and construct refugee camp.
M2	Number	Of refugees processed and held.
M3	Number/ Percent	Of refugees requiring medical attention.

NTA 6.3.2.4 Detain Personnel.

To provide for the temporary detention and/or security for movement of enemy Prisoners of War (EPW), Civilian Internees (CI), Retained Personnel (RP), Enemy Combatants (EC), or designated U.S. Military Personnel. (JP 0-2, 1, 1-05, 3-0, 3-02.1, 3-05, 3-07 Series, 3-10, 3-53, 3-57, 4-0, 5-00.2, NDP 1 NWP 1-14M, OPNAVINST 3501.346)

M1	Y/N	Were detainees properly searched, segregated, controlled and secured?
M2	Percent	Of detainees not properly safeguarded.
M3	Percent	Of detainees not properly transported and transferred.

NTA 6.3.3 Combat Terrorism

To perform defensive and offensive measures to reduce vulnerability of individuals and property to terrorist acts; to prevent, deter, and respond to terrorism. (JP 1, 3-0, 3-07, 3-07.2, NDP 1, 2, NWP 3-07)

M1	Incidents	Of terrorism or violence against friendly forces without warning.
M2	Time	To respond to a combat terrorist response order.
M3	Casualties	From terrorist event.

NTA 6.5 Perform Consequence Management

To employ all consequence management techniques available to restore combat capabilities to units and bases damaged by enemy attack or natural occurrences. (JP 1, 3-0, NDP 1, 6, NWP 1-02, NWP 3-20.31 Rev A, NWP 3-50.1 Rev A)

M1	Y/N	Was consequence management incorporated in the region's AT/FP Plan?
M2	Y/N	Was consequence management contained in the region's continuity of operations plan (COOP)?
M3	Percent	Of assigned mission critical facilities not mission capable after an incident.

NTA 6.5.1 Provide Disaster Relief

To deliver disaster relief, including personnel and supplies, and provide a mobile, flexible, rapidly responsive medical capability for acute medical and surgical care. (JP 1, 3-0, 3-07, 4-0, NDP 1, 4, NWP 1-14M, 3-02 Series, 3-07, 4-02 Series, 4-04)

M1	Time	To restore critical services (utilities, water, food, supplies).
M2	Days	To make facilities operational.
M3	Time	To identify and mobilize forces to provide field/afloat medical facilities and temporary housing.

NTA 6.5.2 Coordinate Damage Control Operations

To perform all necessary actions required responding to and fight all shipboard and base fires. Task includes performing all necessary actions required to respond to a casualty, provide casualty control, and make all necessary repairs to minimize and prevent further damage and maintain material conditions of readiness. **(FXP 4, NWP 3-20.31 Rev A, NSTM 555, 079 (Vol 2))**

Note: Also see NTA 4.3.2.5, *Provide Battle Damage Repair to Ships at Sea.*

M1	Hours	To restore combat capabilities after enemy attack or natural occurrences.
M2	Percent	Of combat capabilities restored.

NTA 6.5.3 Provide Emergency Assistance

To perform all necessary actions required assisting another unit in responding to an enemy attack or natural occurrence. **(FXP 4, NWP 3-20.31 Rev A)**

Note: Also see NTA 4.3.2.5, *Provide Battle Damage Repair to Ships at Sea.*

M1	Hours	To restore combat capabilities after enemy attack or natural occurrences.
M2	Percent	Of combat capabilities restored.

NTA 6.5.4 Provide Emergency Management

To protect and sustain Navy forces and mission capabilities, and to assist civil authorities in preparedness, response mitigation, and recovery for disasters and emergencies that threaten Navy forces or civilian communities. **(OPNAVINST 11000.16A, OPNAVINST 11010.20G)**

M1	Percent	Of full-time Installation EMOs onboard (based upon manpower requirements).
M2	Percent	Of collateral-duty Installation EMOs onboard (based upon manpower requirements).
M3	Y/N	Emergency Management Functional Area Annex included in Installation EM Plan?

NTA 6.5.5 Provide Fire and Emergency Services Programs

To establish, direct, and integrate DOD Fire and Emergency Services (F&ES) policy, strategies, protocols, standards, and operational emergency response programs into installation operations to protect the installation and ensure readiness. This task includes internal fire and emergency services programs of fire prevention, firefighter safety and occupational health, training, and wellness programs. This task requires collaborative planning, preparedness actions, routine execution of standard operating guides/procedures, and conducting self-assessment of the F&ES organization program. **(DODD 1010.10, DODI 6055.06, DODI 2000.18, DODI 6055.6, OPNAVINST 11320.23F, National Response Plan, National Fire Protection Association Standards)**

M1	Percent	Of responses required to meet Installation Wildland Fire Management Plan.
M2	Percent	Of compliance with fire safety and occupational health, NFPA 1500.
M3	Percent	Of facilities (including areas such as piers, open storage locations, etc.) surveyed or inspected annually.

NTA 6.5.6 Provide Incident Command

To take action(s) to prepare for, prevent, respond to, or recover from any event impacting lives or property. The task can be associated with an attack, natural, or manmade situations involving disasters or other catastrophic occurrences. This task includes pre-event preparedness, during incident and post-incident activities, which protect public health and safety, protect the environment, restore essential operations and services, and provide emergency relief to governments, businesses, and individuals affected by the incident. The task may include defense support to civil authorities through automatic/mutual aid agreements between military installations and local communities, foreign and domestic. **(DODI 2000.18, DODI 3025.1, DODM 6055.06, JP 3-41, National Response Plan, DODI 6055.6, OPNAVINST 11320.23F, National Incident Management System (NIMS)**

M1	Percent	Of emergency response fire officers trained and certified as incident commanders.
M2	Percent	Of emergency response firefighters not trained and certified at appropriate levels in National Incident Management System (NIMS).
M3	Percent	Of EOC members and emergency support function personnel trained and certified in the NIMS.

NTA 6.5.7 Provide Aircraft Rescue and Firefighting Services

To provide core services to include operating aircraft rescue and firefighting apparatus, provide aircrew rescue path, perform search and rescue in an imminently immediately dangerous to life or health (IDLH) atmosphere/area to assist with aircrew egress, extinguish interior and exterior fires, protect the environment by mitigating POL and other hazardous materials contamination, safe the area by securing or eliminating other hazards, and support aircraft investigation processes. **(DODM 6055.06, NAVAIR 00-80R-14, OPNAVINST 11320.23F, NFPA 403, NFPA 1500, DODI 6055.6, NAVAIR 00-80R-14)**

M1	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the DOD ART for unannounced aircraft emergencies.
M2	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the DOD ART for announced aircraft emergencies.
M3	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the NFPA ART for unannounced aircraft emergencies.

NTA 6.5.8 Provide Structural Firefighting Services

To provide services to include, driving/operating apparatus, ventilating structure, perform search and rescue in an immediately dangerous to life or health (IDLH) atmosphere/area, extinguishing fires, protecting exposures, performing salvage and overhaul, and conduct an investigation to determine cause(s) of fires **(DODM 6055.06, JP 3-41, DODI 2000.18, DODI 6055.6, OPNAVINST 11320.23F, NFPA 1500)**

M1	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the ART for First Arriving Company Structural Fire emergencies.
M2	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the ART for Initial Full Alarm Assignment Structural Fire emergencies.

M3	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the ART for First Arriving Company for Other Fire Response and Investigative Response.
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NTA 6.5.9 Provide HazMat/CBRNE Response and Incident Management

To provide core services to include establishing hot, warm and cold zones, conducting rescue operations in an immediately dangerous to life or health (IDLH) atmosphere/area, perform atmospheric monitoring, detection and environmental sampling to determine contaminant and level of contamination, individual protective equipment and decontamination requirements; extract and decontaminate casualties and first responders, preserve evidence, support investigation, mitigate contamination under conditions as specified. **(DODI 3025.1, DODM 6055.06, JP 3-41, DODI 2000.18, DODI 6055.6, DODI 2000.18, OPNAVINST 11320.23F, NFPA 472, NFPA 473, NFPA 1500)**

M1	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the ART for First Arriving Company to (Defensive Operations) to HazMat/CBRNE emergencies.
M2	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the ART for arrival of Full Alarm Assignment to (Offensive Operations) to HazMat/CBRNE emergencies.
M3	Percent	Of personnel trained and certified as HazMat technicians on duty daily.

NTA 6.5.10 Provide Technical Rescue Services

To provide core rescue services (includes, but not limited to following types of rescue: confined space(s), water and/or ice, disentanglement and high and low rope), situation assessment, rescue requirements determination, safety concerns mitigation, and casualty treatment and transfer to medical authority. **(DODM 6055.06, JP 3-41, DODI 2000.18, DODI 6055.6 OPNAVINST 11320.23F, NFPA 1500)**

Note: This task may have to be accomplished in an imminently immediately dangerous to life or health (IDLH) atmosphere/area.

M1	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the ART for First Arriving Company to technical rescue emergencies.
M2	Percent	Of time the fractile response rate indicates the percentage of responses equal to or less than the ART for arrival of Full Alarm Assignment to technical rescue emergencies.
M3	Percent	Of personnel assigned emergency response duties trained and certified for technical rescue.

NTA 6.6 Provide for Operational Safety of Personnel and Equipment

To eliminate accidents, deaths, and occupational illnesses by applying risk management strategies. **(DOD Instruction 6055.1, OPNAVINST 5100.23G, OPNAVINST 5100.19D)**

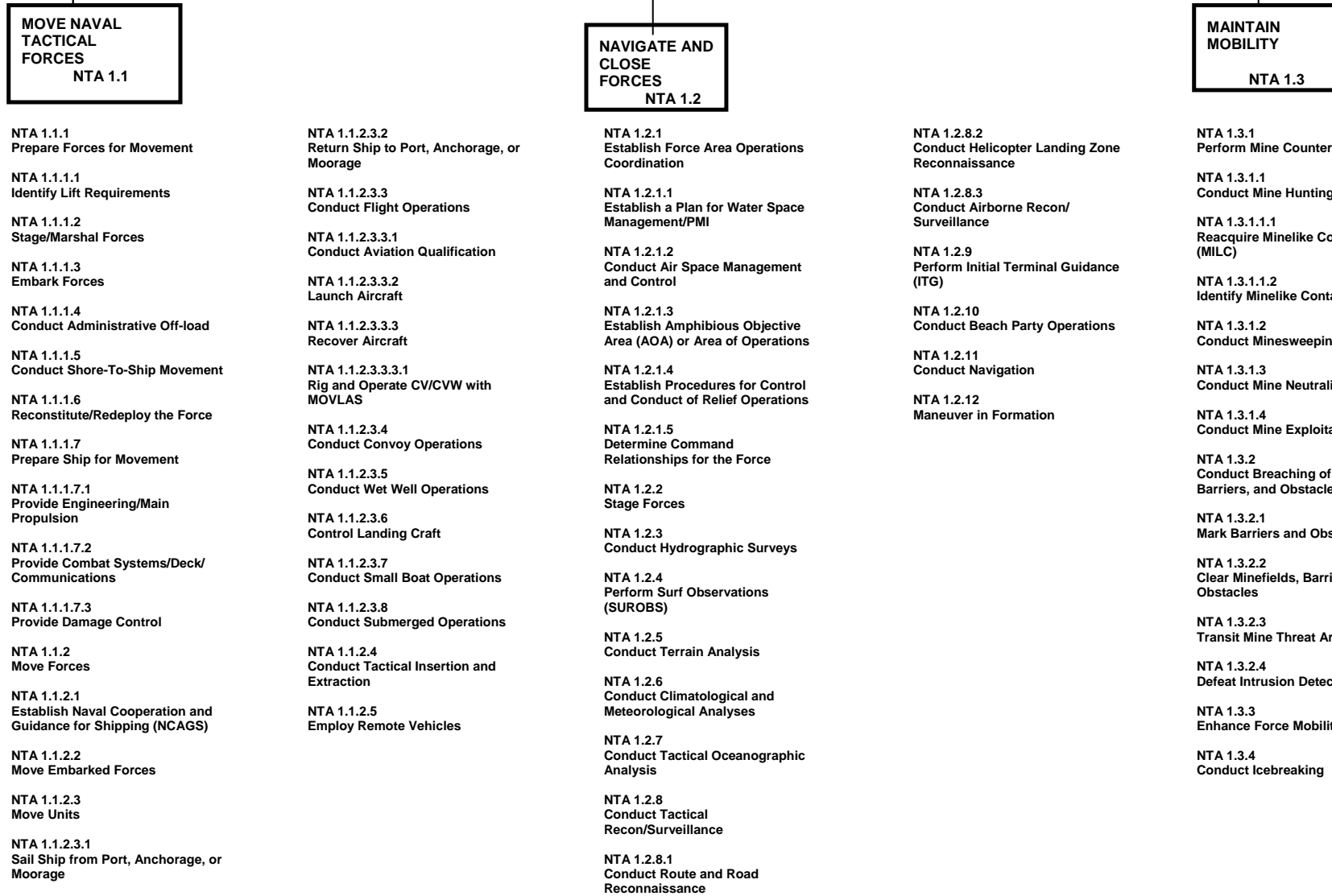
M1	Percent	Of watch standers fully or interim qualified.
M2	Y/N	Unit personnel are knowledgeable of and practice required safety tag-out procedures.
M3	Number	Of accidents, deaths, and occupational illnesses per year.

NTA 6.6.1 Provide Safety and Occupational Health (SOH) Programs

To direct, establish, develop and integrate SOH policy, strategies, protocols, standards, and programs mandated by Federal Law, DOD, and Navy for Occupational Safety and Health (OSH), Traffic Safety (TS), Recreation and Off-duty Safety (RODS), Radiation Safety (sources owned by Host), and Explosives Safety (ES) programs to ensure SOH force readiness at the installation. This task provides technical consultation, program management, inspections/evaluations, mishaps and near misses investigations, education and training, and awareness programs. **(29CFR 1960, 23CFR 1204, 29CFR 1910, 49CFR 390, 49CFR 571, 10CFR 172, Executive Order 12196, Executive Order 13043, DODI 6055.1, DODI 6055.4, DODI 6055.9, DODI 00.3, SECNAVINST 5100.10, OPNAVINST 5100.12, OPNAVINST 5100.23, OPNAVINST 8020.14, OPNAVINST 5100.8, NAVSEA OP5, BUPERS 1710.20)**

M1	Percent	Of tenant activities receiving OSH BOS services at the installation.
M2	Y/N	Are SOH offices adequately staffed with fully qualified journeyman safety specialists?
M3	Percent	Of required OSH training conducted.

**NTA 1 DEPLOY / CONDUCT
 MANEUVER**



**NTA 1 DEPLOY /
 CONDUCT MANEUVER**

**CONDUCT
 COUNTER-
 MOBILITY
 NTA 1.4**

- NTA 1.4.1
Conduct Mining
- NTA 1.4.1.1
Plan Minefields
- NTA 1.4.1.2
Report Minefields
- NTA 1.4.1.3
Record Minefields
- NTA 1.4.1.4
Mark Minefields
- NTA 1.4.2
Place Barriers and Obstacles
- NTA 1.4.3
Mark Barriers and Obstacles
- NTA 1.4.4
Detonate Mines/Explosives
- NTA 1.4.5
Conduct Blockade
- NTA 1.4.6
Conduct Maritime Interception
- NTA 1.4.6.1
Conduct Visit
- NTA 1.4.6.2
Conduct Search
- NTA 1.4.6.3
Conduct Seizure
- NTA 1.4.6.4
Escort Detained Vessels
- NTA 1.4.6.5
Stop/Neutralize Noncompliant

- NTA 1.4.7
Enforce Exclusion Zone
- NTA 1.4.8
Conduct Maritime Law Enforcement
- NTA 1.4.8.1
Conduct Alien Migrant Interdiction Operations
- NTA 1.4.8.2
Conduct Maritime Counter-Drug Operations

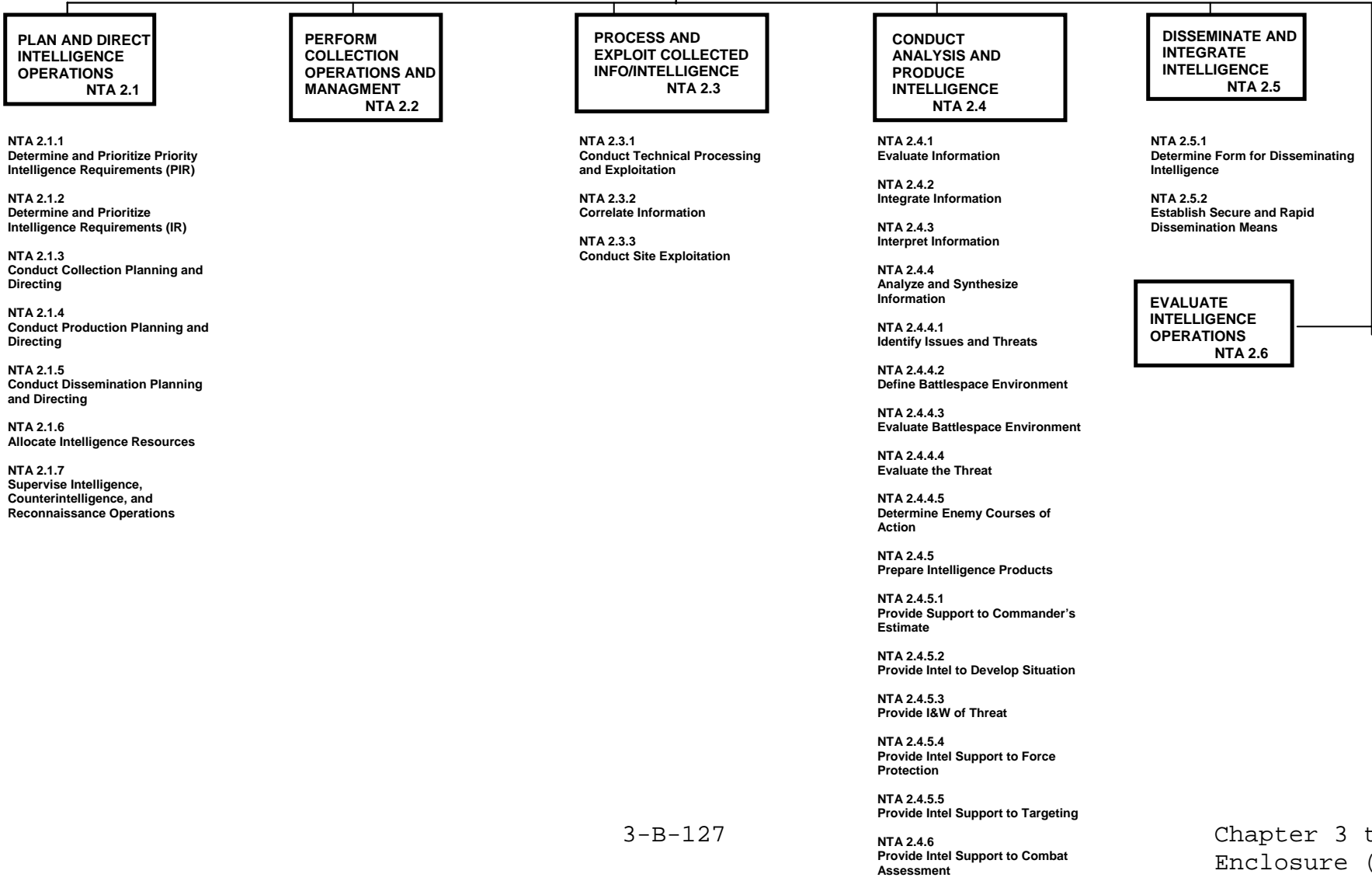
**DOMINATE THE
 OPERATIONAL
 AREA
 NTA 1.5**

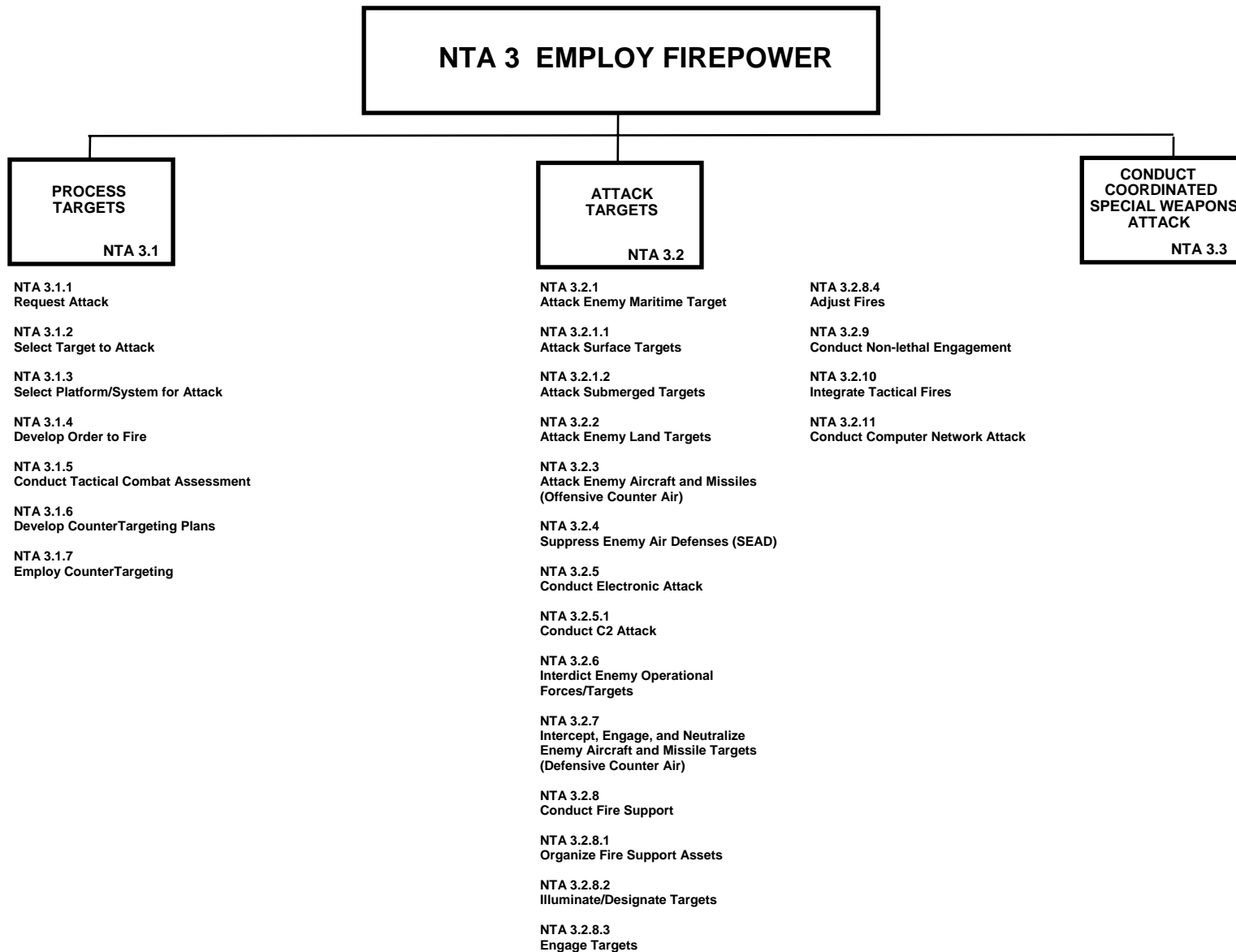
- NTA 1.5.1
Control or Dominate the Area Through Employment of Combat Systems
- NTA 1.5.1.1
Maneuver Naval Forces
- NTA 1.5.1.2
Occupy Battlespace
- NTA 1.5.1.3
Integrate Forces
- NTA 1.5.2
Conduct Amphibious Operations
- NTA 1.5.2.1
Conduct Ship-To-Shore/Objective Maneuver
- NTA 1.5.2.1.1
Deploy Coordinated Strike Forces
- NTA 1.5.2.1.2
Support Coordinated Strike Forces
- NTA 1.5.2.2
Conduct an Amphibious Assault
- NTA 1.5.2.2.1
Conduct Forcible Entry in AOA or Area of Operations
- NTA 1.5.2.2.2
Seize and Hold Lodgment
- NTA 1.5.2.2.3
Buildup the Force
- NTA 1.5.2.2.4
Stabilize the Lodgment
- NTA 1.5.2.2.5
Insert Follow-On Forces

- NTA 1.5.2.4
Conduct an Amphibious Raid
- NTA 1.5.2.5
Conduct an Amphibious Withdrawal
- NTA 1.5.3
Conduct Attack
- NTA 1.5.3.1
Conduct Hasty Attack
- NTA 1.5.3.2
Conduct Deliberate Attack
- NTA 1.5.3.3
Conduct Raid
- NTA 1.5.3.4
Conduct Feint
- NTA 1.5.3.5
Conduct Demonstration
- NTA 1.5.4
Conduct Defense
- NTA 1.5.4.1
Conduct Security
- NTA 1.5.4.1.1
Conduct Screen
- NTA 1.5.4.1.2
Conduct Cover
- NTA 1.5.4.1.3
Provide Area Security
- NTA 1.5.4.1.4
Secure an Area
- NTA 1.5.4.1.5
Secure and Protect LOCs and Routes in AO

- NTA 1.5.4.2
Conduct Delay
- NTA 1.5.5
Conduct Ground Tactical Enabling Operations
- NTA 1.5.5.1
Conduct Patrols
- NTA 1.5.5.2
Conduct Passage-of-Lines
- NTA 1.5.5.3
Conduct Relief in Place
- NTA 1.5.5.4
Cross Rivers and Gaps
- NTA 1.5.6
Enhance Movement
- NTA 1.5.6.1
Construct/Repair Combat Roads and Trails
- NTA 1.5.6.2
Construct/Repair Forward Airfields and Landing Zones
- NTA 1.5.6.3
Facilitate Movement on Routes
- NTA 1.5.7
Conduct Naval Special Warfare
- NTA 1.5.8
Conduct Unconventional Warfare
- NTA 1.5.9
Conduct Information Superiority

NTA 2 DEVELOP INTELLIGENCE





NTA 4 PERFORM LOGISTICS AND COMBAT SERVICE SUPPORT

ARM NTA 4.1

- NTA 4.1.1
Schedule/Coordinate Armament of Task Force
- NTA 4.1.2
Provide Munitions Management
- NTA 4.1.3
Provide Munitions, Pyrotechnics and Specialty Items
- NTA 4.1.4
Maintain Explosives Safety
- NTA 4.1.5
On-Load and/or Off-Load Ordnance

FUEL NTA 4.2

- NTA 4.2.1
Conduct Fuel Management
 - NTA 4.2.1.1
Schedule/Coordinate Refueling
 - NTA 4.2.1.2
Conduct Aerial Refueling
- NTA 4.2.2
Move Bulk Fuel
- NTA 4.2.3
Provide Packaged Petroleum Products
- NTA 4.2.4
Provide Petroleum, Oil and Lubricants (POL)

REPAIR/MAINTAIN EQUIPMENT NTA 4.3

- NTA 4.3.1
Schedule/Coordinate Task Force Repair Assets
 - NTA 4.3.2
Repair/Maintain/Modify Equipment
 - NTA 4.3.2.1
Perform Preventive Maintenance
 - NTA 4.3.2.2
Diagnose and Repair
 - NTA 4.3.2.3
Perform Quality Assurance (QA)
 - NTA 4.3.2.4
Perform Fleet Modernization
 - NTA 4.3.2.5
Provide Battle Damage Repair to Ships at Sea
 - NTA 4.3.3
Provide Repair Parts (Class IX)
 - NTA 4.3.3.1
Substitute
 - NTA 4.3.3.2
Exchange and Return

PROVIDE PERSONNEL AND PERSONNEL SUPPORT NTA 4.4

- NTA 4.4.1
Distribute Support and Personnel
 - NTA 4.4.1.1
Provide Personnel Readiness Management
 - NTA 4.4.1.2
Provide Personnel Accounting and Strength Reporting
 - NTA 4.4.1.3
Provide Replacement Personnel Management
 - NTA 4.4.1.4
Perform Casualty Operations and Mortuary Affairs Management
 - NTA 4.4.1.5
Execute Casualty Assistance Calls Program
- NTA 4.4.2
Perform Fleet/Field Services
 - NTA 4.4.2.1
Provide Billeting, Berthing, Family Housing, and Related Services
 - NTA 4.4.2.2
Provide Food Services
 - NTA 4.4.2.3
Provide Exchange and/or Commissary Services
 - NTA 4.4.2.4
Provide Billeting to Non-Combatant Evacuees
- NTA 4.4.3
Perform Personnel Administrative Service Support
 - NTA 4.4.3.1
Provide Career and Other Personnel and Administrative Services
- NTA 4.4.3.2
Conduct Postal Operations
- NTA 4.4.3.3
Provide Morale, Welfare, and Recreation Services
- NTA 4.4.3.4
Provide Band Support
- NTA 4.4.4
Perform Financial Services
- NTA 4.4.5
Provide Religious, Spiritual, Moral, and Morale Support
- NTA 4.4.6
Provide Childcare Services and Youth Recreation Programs
- NTA 4.4.7
Provide Fleet and Family Support for Deployment, Crisis Response and Career Support and Retention
- NTA 4.4.8
Provide DoD School Support
- NTA 4.4.9
Provide Personal Property Services

**NTA 4 PERFORM LOGISTICS
 AND COMBAT
 SERVICE SUPPORT**

**PROVIDE
 TRANSPORT
 SERVICES**
 NTA 4.5

- NTA 4.5.1
Load/Offload, Transport, Store Material
- NTA 4.5.2
Provide or Contract for Shipping
- NTA 4.5.3
Provide Position Reports for In Transit Visibility
- NTA 4.5.4
Transport Personnel and Cargo
- NTA 4.5.4.1
Transport Personnel
- NTA 4.5.4.2
Transport Cargo
- NTA 4.5.5
Provide Materials Handling Equipment (MHE)/Weight Handling Equipment (WHE)
- NTA 4.5.6
Construct, Maintain, and Operate Logistics Over-the-Shore

**SUPPLY THE
 FORCE**
 NTA 4.6

- NTA 4.6.1
Provide General Supply Support
- NTA 4.6.2
Manage Supplies
- NTA 4.6.2.1
Provide Preparation, Preservation, and Packaging (PP&P) of Supplies and Equipment
- NTA 4.6.3
Provide Underway Replenishment (UNREP)
- NTA 4.6.4
Provide Inport Replenishment
- NTA 4.6.5
Provide Vertical Replenishment
- NTA 4.6.6
Provide Air Delivery
- NTA 4.6.7
Provide COD/VOD Delivery

**PERFORM CIVIL
 MILITARY ENGINEERING
 SUPPORT**
 NTA 4.7

- NTA 4.7.1
Perform Construction Engineer Services
- NTA 4.7.1.1
Conduct Engineer Reconnaissance
- NTA 4.7.1.2
Conduct Horizontal Construction
- NTA 4.7.1.2.1
Conduct Airfield Damage Repair
- NTA 4.7.1.3
Conduct Vertical Construction
- NTA 4.7.1.4
Conduct Utilities Construction
- NTA 4.7.1.5
Perform Underwater Construction Engineer Services
- NTA 4.7.1.6
Perform Bridging
- NTA 4.7.1.7
Conduct Facilities Operations and Maintenance
- NTA 4.7.2
Provide or Obtain Engineer Construction Material
- NTA 4.7.3
Perform Rear Area Restoration
- NTA 4.7.4
Conduct Port Operations
- NTA 4.7.5
Perform LOC Sustainment
- NTA 4.7.6
Supply Electric Power
- NTA 4.7.7
Provide Water
- NTA 4.7.8
Provide Humanitarian Support

**CONDUCT
 CIVIL
 AFFAIRS IN
 AREA**
 NTA 4.8

- NTA 4.8.1
Support Peace Operations
- NTA 4.8.2
Provide Staff Support
- NTA 4.8.3
Provide Interagency Coordination
- NTA 4.8.3.1
Provide Customs Support
- NTA 4.8.4
Coordinate with Non-Governmental Organizations
- NTA 4.8.5
Maintain Cultural Awareness
- NTA 4.8.6
Administer Host Nation Support Agreements

**TRAIN FORCES
 AND PERSONNEL**
 NTA 4.9

- NTA 4.9.1
Conduct Mission Area Training
- NTA 4.9.2
Assess Training
- NTA 4.9.3
Develop Training Plans and Programs
- NTA 4.9.4
Provide/Execute Training for US and Other Nations/Units and Individuals
- NTA 4.9.5
Provide Mobile Training Teams (MTTs)
- NTA 4.9.6
Provide Training Services

**NTA 4 PERFORM LOGISTICS
 AND COMBAT
 SERVICE SUPPORT**

**PERFORM
 RESOURCE
 MANAGEMENT
 NTA 4.10**

- NTA 4.10.1
Provide for Real Estate Management
- NTA 4.10.2
Manage Contracts and Contract Personnel
- NTA 4.10.3
Coordinate Base and Station Activities
- NTA 4.10.3.1
Provide Ceremonial Guard Services
- NTA 4.10.4
Evaluate Programs and Personnel
- NTA 4.10.5
Perform Program Management
- NTA 4.10.6
Manage Business Functions
- NTA 4.10.7
Assess Organizational Performance and Implement Improvements

**PROVIDE
 OPERATIONAL
 LEGAL ADVICE
 NTA 4.11**

- NTA 4.11.1
Provide Command Legal Service Support
- NTA 4.11.2
Interpret Administrative/Contract Law
- NTA 4.11.3
Administer Criminal Law
- NTA 4.11.4
Process Claims
- NTA 4.11.5
Provide Legal Assistance
- NTA 4.11.6
Interpret International/Operational Law
- NTA 4.11.7
Provide Military Courts
- NTA 4.11.8
Conduct Investigations

**PROVIDE HEALTH
 SERVICES
 NTA 4.12**

- NTA 4.12.1
Perform Triage
- NTA 4.12.2
Provide Ambulatory Health Care
- NTA 4.12.3
Provide Surgical and Inpatient Care
- NTA 4.12.4
Provide Dental Care
- NTA 4.12.5
Provide Patient Movement
- NTA 4.12.6
Provide Industrial and Environmental Health Services
- NTA 4.12.7
Maintain Records
- NTA 4.12.8
Obtain and Analyze Medical Information
- NTA 4.12.9
Train Medical and Non-Medical Personnel
- NTA 4.12.10
Provide Health Services In Support Of Humanitarian/Civic Assistance
- NTA 4.12.11
Provide Medical Staff Support
- NTA 4.12.12
Perform Level II/III Medical Support
- NTA 4.12.13
Provide Emergency Medical Services

**CONDUCT
 RECOVERY/
 SALVAGE
 NTA 4.13**

- NTA 4.13.1
Conduct Debeaching and Towing of Stranded and/or Damaged Vessels
- NTA 4.13.2
Conduct Debeaching, Harbor Clearance, and Recovery
- NTA 4.13.3
Provide Required Location and Number of Emergency Ship Salvage Material (ESSM) Bases, Contract Barges, Lift Craft, Deep Submergence Vehicles, and Tugs
- NTA 4.13.4
Perform Underwater Object Recovery
- NTA 4.13.5
Salvage Sunken, Grounded, and Beached Vessels
- NTA 4.13.6
Perform Emergency Towing
- NTA 4.13.7
Conduct Salvage of Oil and Fuels Cargo
- NTA 4.13.8
Salvage Sunken Submarines
- NTA 4.13.9
Rescue Crew of Sunken Submarines

**PROVIDE SUPPORT
 SERVICES TO
 OPERATIONS AND
 MAINTENANCE
 NTA 4.14**

- NTA 4.14.1
Conduct Diving Operations

**NTA 4 PERFORM LOGISTICS
AND COMBAT
SERVICE SUPPORT**

**PROVIDE
FLEET/BASE
SUPPORT
NTA 4.15**

NTA 4.15.1
Maintain Installation Facilities

NTA 4.15.1.1
Provide Facility Management
and Facility Investment

NTA 4.15.1.2
Provide Facility Services

NTA 4.15.1.3
Provide Base Infrastructure

NTA 4.15.1.4
Dredge Port Channels

NTA 4.15.1.5
Provide Base Communications

NTA 4.15.1.6
Provide Information Technology
Services

NTA 4.15.2
Provide Port Facilities,
Operations
and Maintenance

NTA 4.15.2.1
Support Ship Harbor
Movements

NTA 4.15.2.2
Provide Tug Services

NTA 4.15.2.3
Provide At-berth Support

NTA 4.15.2.4
Provide Harbor Master
Services

NTA 4.15.2.5
Provide Piloting Services

NTA 4.15.2.6
Provide Magnetic
Silencing

NTA 4.15.3 Provide Air
Facilities, Operations and
Maintenance

NTA 4.15.3.1 Provide Air
Traffic Control Services

NTA 4.15.3.2 Provide
Airfield Services

NTA 4.15.3.3 Provide
Passenger
Terminal/Cargo Services

NTA 4.15.3.4 Provide
Airfield Administration
and Station Aircraft
Support

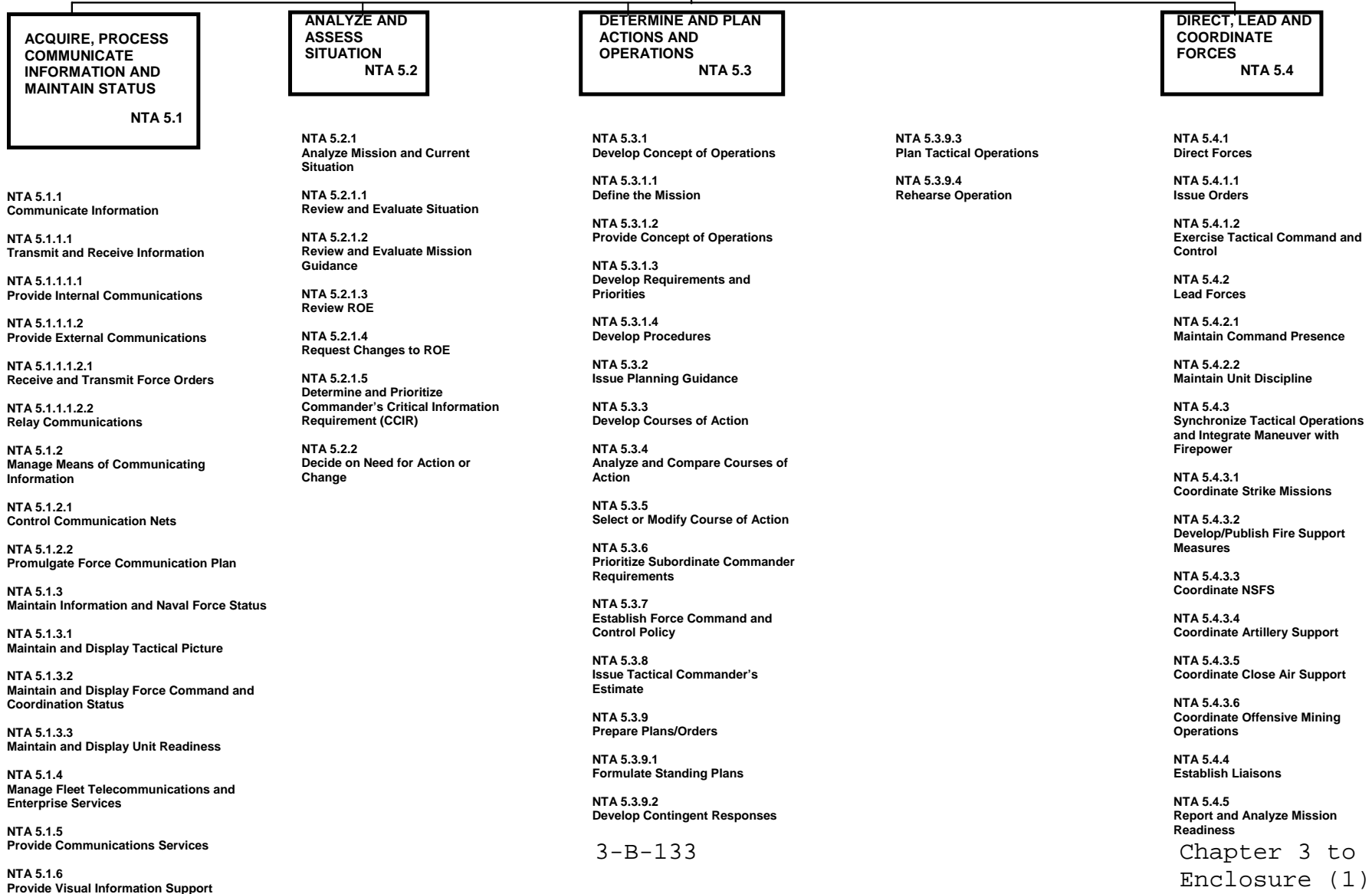
NTA 4.15.3.5 Provide
Aircraft Servicing Support

NTA 4.15.3.6 Provide
Ground Electronics for Air
Operations

NTA 4.15.4 Provide
Operations Support

NTA 4.15.4.1 Operate
Small Arms Weapons
Ranges

NTA 5 EXERCISE COMMAND AND CONTROL



**NTA 5 EXERCISE
COMMAND**



- NTA 5.5.1
Plan, Integrate, Employ C2 Attack
- NTA 5.5.2
Plan, Integrate, Employ C2 Protect
- NTA 5.5.3
Perform Psychological Operations
- NTA 5.5.4
Conduct Electronic Warfare Support (ES)
 - NTA 5.5.4.1
Conduct Measurement of Own Force Electronic Emitters
 - NTA 5.5.4.2
Conduct Electronic Warfare Reprogramming
- NTA 5.5.5
Perform Information Assurance
 - NTA 5.5.5.1
Provide Computer Network Defense
 - NTA 5.5.5.2
Perform Electronic Protection
- NTA 5.5.6
Perform Spectrum Management

- NTA 5.7.1
Develop a Force Command and Control Structure
- NTA 5.7.2
Deploy Force Headquarters Advance Element
- NTA 5.7.3
Plan and Execute Command Transition

NTA 6 PROTECT THE FORCE

ENHANCE SURVIVABILIT

NTA 6.1

NTA 6.1.1
Protect Against Combat Area Hazards

NTA 6.1.1.1
Protect Individuals and Systems

NTA 6.1.1.2
Remove Hazards

NTA 6.1.1.2.1
Conduct Explosive Ordnance Disposal

NTA 6.1.1.2.2
Provide Support to the Secret Service

NTA 6.1.1.3
Positively Identify Friendly Forces

NTA 6.1.2
Conduct Perception Management

NTA 6.1.2.1
Employ Operations Security

NTA 6.1.2.1.1
Employ Electronic Security

NTA 6.1.2.1.2
Employ Concealment Techniques

NTA 6.1.2.1.3
Employ Communication Security

NTA 6.1.2.2
Conduct Deception in Support of
Tactical Operations

NTA 6.1.3
Conduct Counterdeception

NTA 6.1.4
Conduct Counterpropaganda Operations

RESCUE AND RECOVER

NTA 6.2

NTA 6.2.1
Evacuate Noncombatants from
Area

NTA 6.2.2
Conduct Personnel Recovery

NTA 6.2.2.1
Perform Search and Rescue (SAR)

NTA 6.2.2.2
Perform Combat Search and
Rescue (CSAR)

NTA 6.2.2.3
Conduct Tactical Recovery of
Aircraft and Personnel (TRAP)

NTA 6.2.2.4
Conduct Submarine Escape and
Survival

PROVIDE SECURITY FOR OPERATIONAL FORCES AND MEANS

NTA 6.3

NTA 6.3.1
Protect and Secure Area of
Operations

NTA 6.3.1.1
Establish and Maintain Rear Area
Security

NTA 6.3.1.2
Protect/Secure Installations,
Facilities and Personnel

NTA 6.3.1.3
Provide Harbor Defense and Port
Security

NTA 6.3.1.4
Protect Lines of Communication

NTA 6.3.1.5
Establish and Enforce Protection
Perimeter

NTA 6.3.1.6
Conduct Surveillance Detection
Operations

NTA 6.3.1.6.1
Evaluate Base Security Plans

NTA 6.3.1.6.2
Operate Low Level Source
Networks

NTA 6.3.2
Conduct Military Law Enforcement
Support (Afloat & Ashore)

NTA 6.3.2.1
Manage Enemy Prisoners of War

NTA 6.3.2.2
Maintain Law and Order

NTA 6.3.2.2.1
Assure Traffic Safety and Security of
Routes

NTA 6.3.2.2.2
Review and Apply Use of Force Rules

NTA 6.3.2.2.3
Employ Military Working Dog Assets

NTA 6.3.2.2.4
Restrict Personnel

NTA 6.3.2.3
Manage Refugees and Refugee Camps

NTA 6.3.2.4
Detain Personnel

NTA 6.3.3
Combat Terrorism

NTA 6 PROTECT THE FORCE

**PERFORM
CONSEQUENCE
MANAGEMENT**
NTA 6.5

- NTA 6.5.1
Provide Disaster Relief
- NTA 6.5.2
Coordinate Damage Control
Operations
- NTA 6.5.3
Provide Emergency Assistance
- NTA 6.5.4 Provide Emergency
Management
- NTA 6.5.5 Provide Fire and
Emergency Services Programs
- NTA 6.5.6 Provide Incident
Command
- NTA 6.5.7 Provide Aircraft
Rescue and Firefighting
Services
- NTA 6.5.8 Provide Structural
Firefighting Services
- NTA 6.5.9
Provide HAZMAT/CBRNE
Response and Incident
Management
- NTA 6.5.10
Provide Technical Rescue
Services

**PROVIDE FOR
OPERATIONAL
SAFETY OF PERSONNEL
AND EQUIPMENT**
NTA 6.6

- NTA 6.6.1
Provide Safety and Occupational
Health (SOH) Programs