

NAVAL OPERATIONAL MEDICINE



CAPABILITIES HANDBOOK

Department of the Navy
Bureau of Medicine and Surgery
7700 Arlington Boulevard
Falls Church, VA 22042-5126

2013

Introduction

This Capabilities Handbook is provided to assist Planners, Logisticians, and Operations Officers as a ready reference on the capabilities of the various medical platforms available within the Navy and Marine Corps. This information is reviewed annually, and updates are made as changes occur. It is incumbent on the user to obtain the latest edition of this book and verify the information contained.

We gratefully acknowledge and thank the Sailors and Marines who contributed to this update of the Capabilities Handbook. They represent the front lines of Navy Medicine and the operational Navy and Marine Corps that we support through Naval Expeditionary Health Service Support (NEHSS). It is to them that we dedicate this edition.

Any changes or recommendations should be forwarded to the Bureau of Medicine and Surgery, Innovation and Futures (M5B3).

Revised May 2013.

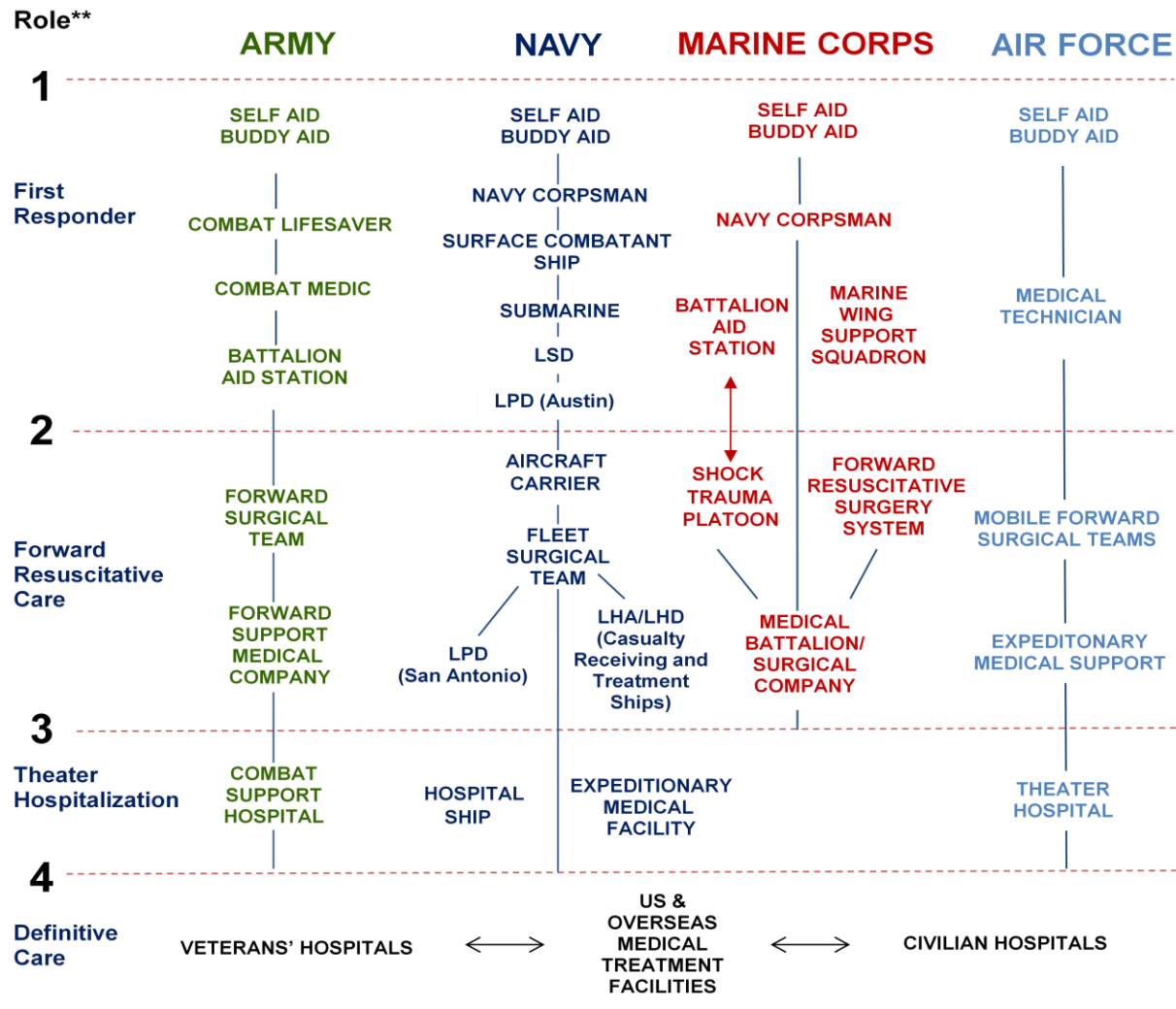
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US Military Roles of Medical Care

Service Comparison



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Role 1: Role 1 care is provided by the individual service member, combat lifesaver, or unit-level medical personnel. The emphasis of Role 1 care is to provide immediate lifesaving measures to stabilize the patient and allow for evacuation to the next role of care.

Role 2: Role 2 provides advanced trauma management and emergency medical treatment including continuation of resuscitation started in Role 1. JP 4-02 separates Role 2 care into light maneuver units (2LM) which support land maneuver formations and conduct advanced resuscitation procedures up to damage control surgery, and enhanced (2E) which provide basic secondary health care, built around primary surgery, intensive care unit, and ward beds.

Role 3: In Role 3, care is provided to all categories of patients, to include resuscitation, initial wound surgery, and post-operative treatment. This role of care expands the support provided at Role 2.

Role 4: Role 4 medical care is found in US base hospitals and robust overseas facilities and represents the most definitive medical care available within the medical care system.

(Source: JP 4-02 Health Service Support, 26 July 2012)

Navy Theater Hospitalization (Role 3)

Hospital Ships

<p><u>MISSION:</u> Provide health services in support of designated Combatant Commands (COCOM) across the full range of military operations, including the support of Military Stability Operations (MSO) and diplomatic efforts.</p> <p><u>UNITS IN SERVICE</u> USNS MERCY (T-AH-19) USNS COMFORT (T-AH-20)</p> <p>**CANNOT SUPPORT CH-53 OR V-22**</p> <p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNAHA: CORE (REDUCED OPERATING STATUS + CORE) NO MEDICAL SURGE CAPABILITY (324 PAX) FNAHB: 250 AUGMENT + (FNAHA) (4 OR/50 ICU/200 ACW) (502 PAX) FNAHC: 500 AUGMENT + (FNAHA) + (FNAHB) (6 OR/75 ICU/320 ACW/105 MCW) (131 PAX) FNAHD: HA/DR PACKAGE (3 OR/6 ICU/62 ACW/22 MCW) (217 PAX)</p>	<p><u>MEDICAL CAPACITY</u> OR: 12 ICU: 100 (Includes 20 PACU beds) ACW: 400 MCW: 500 Casualty Receiving: 50 DENTAL OR: 2 Ancillary: Lab, X-ray, Angiography, Pharmacy, Lab, CT suite, Prev Med, Biomedical Repair, Blood storage, 3000 frozen/2000 fresh</p> <p><u>COMPLEMENT (At Mobilization)</u> ** Staff numbers are approximate:</p> <table border="0"> <tr> <td>Medical Corps</td> <td>66</td> </tr> <tr> <td>Dental Corps</td> <td>4</td> </tr> <tr> <td>Nurse Corps</td> <td>168</td> </tr> <tr> <td>Medical Service Corps</td> <td>20</td> </tr> <tr> <td>Non-Medical Officer</td> <td>14</td> </tr> <tr> <td>Hospital Corpsmen</td> <td>698</td> </tr> <tr> <td>Non-Medical Enlisted</td> <td>244</td> </tr> </table>	Medical Corps	66	Dental Corps	4	Nurse Corps	168	Medical Service Corps	20	Non-Medical Officer	14	Hospital Corpsmen	698	Non-Medical Enlisted	244
Medical Corps	66														
Dental Corps	4														
Nurse Corps	168														
Medical Service Corps	20														
Non-Medical Officer	14														
Hospital Corpsmen	698														
Non-Medical Enlisted	244														

Instructions:

- OPNAV Instruction 3501.1610, Required Operational Capabilities and Projected Operational Environment for T-AH 19 Mercy Class Hospital Ships. November 2011.
- Navy Tactics, Techniques, and Procedures 4-02.6, Hospital Ships. June 2004.

Expeditionary Medical Facility (EMF)

MISSION: The EMF will receive patients from forward medical facilities or directly from combat areas in order to provide full resuscitation and emergency stabilizing surgery within the prescribed evacuation policy throughout the range of military operations. The EMF consists of health services, construction and support personnel as well as deployable medical system equipment, materials and consumables configured to support and provide up to theater hospitalization capability (Role 3).

Type	EMF-150	EMF-50	Notes
Tentage	Temper	Temper	
Acres	13.25	13.25	
CESE	105	84	
ISO Containers	168	129	
Vehicles	42	34	Based on prime movers
ICU Beds	20	20	
ACW Beds	130	30	
OR	4	4	
Temp Hold (Cots)	0	0	
Lab	1	1	Capability based on number of shelters
X-Ray	1/6	1/6	Capability based on number of equipment (fixed/mobile)
ER	Yes	Yes	Capability based on Casualty Receiving facility/equipment
Triage	Yes	Yes	Capability based on pre-Casualty Receiving facility
MRI	N/A	N/A	
CT Scanner	Yes	Yes	CT Scanner/Container available as a push package from NEMSCOM
Max Blood Storage	300/192	300/192	Number of units (blood/plasma)
Collective Protection	Yes	Yes	Currently limited to two EMFs Geo-Prepositioned
Admissions	30	10	
Surgical Cases	36	36	9 per OR table per day
Limited Specialty Outpatient	30	30	
MANPOWER UNIT TYPE CODEs (UTC)			
FN50P: EMF-50 PERSONNEL (330 PAX)			
FN1H1: 100-BED AUGMENT PERSONNEL (117 PAX)			
FN15P: EMF-150 PERSONNEL (447 PAX)			

Instructions:

- OPNAV Instruction F3501.176D, Required Operational Capabilities and Projected Operational Environment for the Navy Fleet Hospital (FH) and Expeditionary Medical Facility (EMF). Draft Document, 2013.
- Navy Tactics, Techniques, and Procedures 4-02.4, Expeditionary Medical Facilities. August 2007.

Navy Forward Resuscitative Care (Role 2)

Amphibious Assault Ships

<p><u>MISSION:</u> Primary amphibious landing ships for Marine Expeditionary Forces. Both LHAs and LHDs can be designated as primary casualty receiving and treatment ships (CRTS) by the commander, expeditionary strike group.</p> <p><u>UNITS IN SERVICE</u> USS PELELIU (LHA-5) USS WASP (LHD-1) USS ESSEX (LHD-2) USS KEARSARGE (LHD-3) USS BOXER (LHD-4) USS BATAAN (LHD-5) USS BONHOMME RICHARD (LHD-6) USS IWO JIMA (LHD-7) USS MAKIN ISLAND (LHD-8)</p> <p><u>MANPOWER UNIT TYPE CODEs (UTC)</u> FNCRH: CRTS UNIT AUGMENT (84 PAX) Medical Corps 11 Dental Corps 1 Nurse Corps 22 Medical Service Corps 1 Hospital Corpsmen 49</p> <p><u>FNSTB:</u> FLEET SURGICAL TEAM PERSONNEL AUGMENT (16 PAX)* *See page 9 for manpower breakdown</p>	<p><u>MEDICAL CAPACITY</u> OR: 6 (LHA), 4 (LHD) ICU: 15 ACW: 45 DENTAL OR: 3 ANCILLARY: Lab, X-Ray, Blood Bank, Pharmacy, Biomedical Repair, Aviation Physicals, Prev Med.</p> <p><u>COMPLEMENT: Ship's Company</u> Medical Corps 2 Dental Corps 1 Medical Service Corps 1 Hospital Corpsmen 19</p>
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Landing Platform Dock – San Antonio Class

MISSION: Transport and land Marines, their equipment and supplies by embarked landing craft or amphibious vehicles augmented by helicopters. San Antonio-class LPDs are capable of providing forward resuscitative care (Role 2) only with the FST augment.

UNITS IN SERVICE

- USS SAN ANTONIO (LPD-17)
- USS NEW ORLEANS (LPD-18)
- USS MESA VERDE (LPD-19)
- USS GREEN BAY (LPD-20)
- USS NEW YORK (LPD-21)
- USS SAN DIEGO (LPD-22)
- USS ANCHORAGE (LPD-23)
- USS ARLINGTON (LPD-24)

FNSTB: FLEET SURGICAL TEAM PERSONNEL AUGMENT (16 PAX)*

* The FST augment for San Antonio-class LPDs will be task organized based on mission requirements. See page 9 for FST manpower breakdown.

MEDICAL CAPACITY

OR: 1
ICU: 6
ACW: 24
DENTAL OR: 2
ANCILLARY:
Lab, X-Ray, Pharmacy, Prev Med, Blood Bank, Biomedical Repair

COMPLEMENT: Ship's Company

Medical Corps 1
Dental Corps 1
Hospital Corpsmen 15

Fleet Surgical Team (FST)

<p>MISSION: FSTs were established to increase the effectiveness of Fleet medical and surgical support by creating fully dedicated Fleet medical assets designed specifically to provide Role 2 care for deploying Amphibious Ready Groups (ARG) in support of peacetime forward presence missions and contingency operations. FSTs provide surgical support, expanded lab and blood bank services, intensive care and ward care on primary casualty receiving and treatment ships (CRTS), LHAs and LHDs. FSTs can also deploy aboard San Antonio-class LPDs.</p> <p>UNITS IN SERVICE</p> <p>FST #1 San Diego, PHIBRON 3 FST #2 Norfolk, PHIBRON 2 FST #3 San Diego, PHIBRON 3 FST #4 Norfolk, PHIBRON 2 FST #5 San Diego, PHIBRON 3 FST #6 Norfolk, PHIBRON 2 FST #7 Okinawa, PHIBRON 1 FST #8 Norfolk, PHIBRON 2 FST #9 San Diego, PHIBRON 3</p>	<p>COMPLEMENT</p> <table border="0"> <tr><td>OIC/CATF Surgeon</td><td>1</td></tr> <tr><td>General Surgeon</td><td>1</td></tr> <tr><td>Anesthetist/CRNA</td><td>1</td></tr> <tr><td>FP/IM/ER/PED</td><td>1</td></tr> <tr><td>Perioperative Nurse</td><td>1</td></tr> <tr><td>ICU/ERC Nurse</td><td>1</td></tr> <tr><td>Medical Regulator/Admin</td><td>1</td></tr> <tr><td>LCPO</td><td>1</td></tr> <tr><td>OR Techs</td><td>2</td></tr> <tr><td>Advanced Lab Tech</td><td>2</td></tr> <tr><td>Respiratory Therapy Tech</td><td>1</td></tr> <tr><td>General Duty HM</td><td>2</td></tr> <tr><td>Radiology Tech</td><td>1</td></tr> <tr><td>Total</td><td>16</td></tr> </table> <p>STATUS</p> <p>A FST is an element of the operating forces in an active, fully operational status headed by an Officer in Charge. FSTs are designed to augment an already established medical department with a surgical capability.</p>	OIC/CATF Surgeon	1	General Surgeon	1	Anesthetist/CRNA	1	FP/IM/ER/PED	1	Perioperative Nurse	1	ICU/ERC Nurse	1	Medical Regulator/Admin	1	LCPO	1	OR Techs	2	Advanced Lab Tech	2	Respiratory Therapy Tech	1	General Duty HM	2	Radiology Tech	1	Total	16
OIC/CATF Surgeon	1																												
General Surgeon	1																												
Anesthetist/CRNA	1																												
FP/IM/ER/PED	1																												
Perioperative Nurse	1																												
ICU/ERC Nurse	1																												
Medical Regulator/Admin	1																												
LCPO	1																												
OR Techs	2																												
Advanced Lab Tech	2																												
Respiratory Therapy Tech	1																												
General Duty HM	2																												
Radiology Tech	1																												
Total	16																												

Instruction

- COMNAVSURFPAC/COMNAVSURFLANT Instruction 5450.6, Mission, Functions, and Tasks of Fleet Surgical Teams. 8 October 2010.

Aircraft Carriers

MISSION: Operate offensively in a high density, multi-threat environment as an integral member of a carrier strike group (CSG) or expeditionary strike group (ESG); and to provide credible, sustained forward presence, conventional deterrence, and support aircraft attacks in sustained operations in war.

UNITS IN SERVICE

USS NIMITZ (CVN-68)
USS EISENHOWER (CVN-69)
USS CARL VINSON (CVN-70)
USS THEODORE ROOSEVELT (CVN-71)
USS ABRAHAM LINCOLN (CVN-72)
USS GEORGE WASHINGTON (CVN-73)
USS JOHN C STENNIS (CVN-74)
USS HARRY S TRUMAN (CVN-75)
USS RONALD REAGAN (CVN-76)
USS GEORGE H W BUSH (CVN-77)

MANPOWER UNIT TYPE CODE (UTC)

FNCVA: CV AUGMENT (1 PAX)

MEDICAL CAPACITY

OR: 1
ICU: 3
ACW: 51
DENTAL OR: 7
ANCILLARY:
Lab, X-Ray, Pharmacy, Biomedical Repair, Aviation Physicals, Prev Med, Psychology, Physical Therapy, Substance Abuse Rehabilitation Program (SARP)

COMPLEMENT: Ship's Company and Air Wing

Medical Corps	5/6*
Dental Corps	5
Nurse Corps	2**
Medical Service Corps	5
Hospital Corpsmen	47

* CVNs have 3 assigned MC officers, while Air Wings typically add an additional 2. An additional MC officer may be embarked if the Air Wing has an attached Marine Squadron or if anesthesia support comes from an anesthesiologist instead of a registered nurse anesthetist.

** Includes registered nurse anesthetist if anesthesiologist is not on board.

Navy First Responder Care (Role 1)

Amphibious Transport Dock – Austin Class

<p><u>MISSION:</u> Transport and land Marines, their equipment and supplies by embarked landing craft or amphibious vehicles augmented by helicopters.</p>	<p><u>MEDICAL CAPACITY</u> ACW: 17 DENTAL OR: 1 ANCILLARY: Lab, X-Ray, Pharmacy</p>
<p><u>UNITS IN SERVICE</u> USS CLEVELAND (LPD-7) USS DUBUQUE (LPD-8) USS DENVER (LPD-9)</p>	<p><u>COMPLEMENT: Ship's Company</u> Medical Corps 1 Dental Corps 1 Hospital Corpsmen 9</p>

Dock Landing Ships

<p><u>MISSION:</u> Transport and land Marines, their equipment and supplies by embarked landing craft or amphibious vehicles augmented by helicopters and to support amphibious operations including landings via landing craft air cushion (LCAC).</p>	<p><u>MEDICAL CAPACITY</u> ACW: 8 ANCILLARY: Lab, X-Ray, Pharmacy</p>
<p><u>UNITS IN SERVICE</u> USS WHIDBEY ISLAND (LSD-41) USS GERMANTOWN (LSD-42) USS FT MCHENRY (LSD-43) USS GUNSTON HALL (LSD-44) USS COMSTOCK (LSD-45) USS TORTUGA (LSD-46) USS RUSHMORE (LSD-47) USS ASHLAND (LSD-48)</p>	<p><u>COMPLEMENT: Ship's Company</u> Medical Corps 1 Dental Corps 1 Hospital Corpsmen 5</p>

Combatants Surface/Submarine

Independent Duty Hospital Corpsmen (IDC) (NECs 8425 SURFACE, 8402 SUBMARINE) are trained to work outside the direct purview of a Physician. IDCs are skilled in routine diagnosis and treatment as well as management of medical and surgical emergencies.

CRUISERS

<u>MISSION:</u> Multi-mission surface combatant. Equipped with Tomahawks for long-range strike capability.	<u>MEDICAL COMPLEMENT</u>	
	IDC	1
	Junior Corpsman	1

DESTROYERS

<u>MISSION:</u> Multi-mission surface combatant used primarily for anti-air warfare (AAW).	<u>MEDICAL COMPLEMENT</u>	
	IDC	1
	Junior Corpsman	1

FRIGATES

<u>MISSION:</u> Primarily for anti-submarine warfare (ASW).	<u>MEDICAL COMPLEMENT</u>	
	IDC	1
	Junior Corpsman	1

MINE COUNTERMEASURES

<u>MISSION:</u> Offensive and defensive mine warfare.	<u>MEDICAL COMPLEMENT</u>	
	IDC	1

LITTORAL COMBAT SHIP (LCS)

<u>MISSION:</u> The primary mission of these ships is coastal patrol and interdiction surveillance, an important aspect of littoral operations outlined in the Navy's strategy, <i>Forward...From the Sea</i> . They are particularly suited for maritime security missions.	<u>MEDICAL COMPLEMENT</u>	
	IDC	1

SUBMARINES

<u>MISSION:</u> Ballistic-Missile, Attack, Cruise Missile	<u>MEDICAL COMPLEMENT</u>	
	IDC	1

Unit Type Codes (UTC)

MISSION: A Unit Type Code (UTC) is a “shopping list” of predefined expeditionary capabilities (units and their capabilities) for planners to choose in developing war plans. UTCs do not represent every capability nor do they give locales.

Current and Future Forces UTCs are fed into a Joint database called Joint Operation Planning and Execution System (JOPES). JOPES provides an accurate picture of each Service’s reported expeditionary capabilities.

Type Unit Characteristic (TUCHA) Data is information containing whole or tailored Navy Civil Engineering Support Equipment (CESE) for each naval unit assigned and is used by planners in developing OPLANs, CONPLANs, etc.

Current Forces UTCs are updated quarterly to comply with Joint requirement CJCSM 3150.4.

MANPOWER AUGMENTS

FNFA1: FLEET HOSPITAL ASSISTANCE TEAM (4 PAX)

FNFA2: FLEET HOSPITAL ASSISTANCE TEAM (4 PAX)

FNSTB: FLEET SURGICAL TEAM PERSONNEL AUGMENT (16 PAX)

FNTHO: OKINAWA NH MANPOWER EXPANSION AUGMENT (377 PAX)

FNTHG: GUAM NH MANPOWER EXPANSION AUGMENT (328 PAX)

FNTHY: YOKOSUKA NH MANPOWER EXPANSION AUGMENT (173 PAX)

FNASB: ARMSVC BLOOD BANK CENTER AUGMENT (26 PAX)

FNAWB: ARMSVC WHOLE BLOOD PROCESSING LAB AUGMENT (20 PAX)

FNBDG: BLOOD DONOR CENTER AUGMENT (17 PAX)

FNCRH: CRTS UNIT AUGMENT (84 PAX)

FNCVA: CV AUGMENT (1 PAX)

FNMCB: NMCB AUGMENT (3 PAX)

** Additional UTCs are listed throughout this Handbook under platform descriptions

Forward Deployable Preventive Medicine Unit (FDPMU)

<p><u>MISSION:</u> The primary mission of the Forward Deployable Preventive Medicine Unit (FDPMU) is to provide force health protection (FHP) by rapidly assessing, preventing, and controlling health threats in a theater of operations and enhancing the capabilities of organic preventive medicine assets in meeting the FHP vision of the Department of Defense. The FDPMU is a cohesive, multi-disciplinary unit that provides rapidly deployable, portable, flexible and sustainable FHP services to forward-deployed elements of the Navy and Marine Corps through the advent of state-of-the-art detection/diagnostic equipment and real-time analytical capabilities. It can also be deployed to meet other Service FHP requirements or to support a Joint Task Force Commander when requested through official channels.</p>	<p><u>CAPABILITIES:</u> FDPMU capabilities include identifying and evaluating endemic and anthropogenic environmental health hazards (including chemical, biological, radiological, and physical agents), assessing the risk of adverse health outcomes, monitoring the health of deployed forces, advising the operational commander of significant health risks and recommending interventions. It can be task-organized to meet any contingency and adapted to operate from land bases or mobile platforms afloat.</p> <p><u>UNITS IN SERVICE:</u> FOUR</p> <p>**Can be deployed with six aircraft pallets, including one HAZMAT pallet.</p>
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Instructions:

- Navy Tactics, Techniques, and Procedures 4-02.8, Forward-Deployable Preventative Medicine Unit. January 2012.
- OPNAV Instruction 3501.347A, Required Operational Capabilities and Projected Operational Environment for the Navy Forward Deployable Preventative Medicine Unit. August 2012.

Basic FDPMU

<p><u>MISSION:</u> Provide Prev Med, Chemical, Microbiological, Entomological, and Logistical Services in support of Force Health Protection</p>	<p><u>COMPLEMENT</u></p>																
<p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNPUB: BASIC FDPMU (13 PAX)</p>	<table> <tr><td>Prev Med Officer</td><td>1</td></tr> <tr><td>Entomologist</td><td>1</td></tr> <tr><td>Industrial Hygienist</td><td>1</td></tr> <tr><td>Environmental Health Officer</td><td>1</td></tr> <tr><td>Microbiologist</td><td>1</td></tr> <tr><td>Prev Med Techs</td><td>6</td></tr> <tr><td>Laboratory Tech</td><td>1</td></tr> <tr><td>Corpsman</td><td>1</td></tr> </table>	Prev Med Officer	1	Entomologist	1	Industrial Hygienist	1	Environmental Health Officer	1	Microbiologist	1	Prev Med Techs	6	Laboratory Tech	1	Corpsman	1
Prev Med Officer	1																
Entomologist	1																
Industrial Hygienist	1																
Environmental Health Officer	1																
Microbiologist	1																
Prev Med Techs	6																
Laboratory Tech	1																
Corpsman	1																
<p><u>CESE UTC</u> FNPT1: STAKE TRUCK FNPT2: 6-PAX TRUCK FNPT3: ¾-TON TRAILER FNPT4: ECU/GEN TRAILER FNPT5: MIL GATOR</p>																	

Advanced FDPMU

<p><u>MISSION:</u> Provide Prev Med, Chemical, Advanced Microbiological, Entomological, Logistical, and Radiological services in support of Force Health Protection</p>	<p><u>COMPLEMENT</u></p>																				
<p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNPUA: Advanced FDPMU (15 PAX)</p>	<table> <tr><td>Prev Med Officer</td><td>1</td></tr> <tr><td>Entomologist</td><td>1</td></tr> <tr><td>Industrial Hygienist</td><td>1</td></tr> <tr><td>Environmental Health Officer</td><td>1</td></tr> <tr><td>Radiological Health Officer</td><td>1</td></tr> <tr><td>Microbiologist</td><td>1</td></tr> <tr><td>Biochemist</td><td>1</td></tr> <tr><td>Prev Med Techs</td><td>6</td></tr> <tr><td>Rad Health Tech</td><td>1</td></tr> <tr><td>Corpsman</td><td>1</td></tr> </table>	Prev Med Officer	1	Entomologist	1	Industrial Hygienist	1	Environmental Health Officer	1	Radiological Health Officer	1	Microbiologist	1	Biochemist	1	Prev Med Techs	6	Rad Health Tech	1	Corpsman	1
Prev Med Officer	1																				
Entomologist	1																				
Industrial Hygienist	1																				
Environmental Health Officer	1																				
Radiological Health Officer	1																				
Microbiologist	1																				
Biochemist	1																				
Prev Med Techs	6																				
Rad Health Tech	1																				
Corpsman	1																				
<p><u>CESE UTC</u> FNPT1: STAKE TRUCK FNPT2: 6-PAX TRUCK FNPT3: ¾-TON TRAILER FNPT4: ECU/GEN TRAILER FNPT5: MIL GATOR</p>																					

Environmental Health Standalone

<p><u>MISSION:</u> Provide Environmental Health services in support of Force Health Protection.</p> <p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNEHU: ENVIRONMENTAL HEALTH STANDALONE (2 PAX) FNPM: LOGISTICS SUPPORT (1 PAX)</p> <p><u>CESE UTC</u> FNPT3: ¾-TON TRAILER FNPT4: ECU/GEN TRAILER FNPT6: PICKUP</p>	<p><u>COMPLEMENT</u></p> <p>Environmental Health Officer 1 Prev Med Tech 1</p>
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Chem/Rad Standalone

<p><u>MISSION:</u> Provide Chem/Rad services in support of Force Health Protection.</p> <p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNCRB: CHEM/RAD STANDALONE (3 PAX) FNPM: LOGISTICS SUPPORT (1 PAX)</p> <p><u>CESE UTC</u> FNPT1: STAKE TRUCK FNPT3: ¾-TON TRAILER FNPT4: ECU/GEN TRAILER FNPT6: PICKUP</p>	<p><u>COMPLEMENT</u></p> <p>Industrial Hygienist 1 Prev Med Tech 1 Rad Health Officer 1</p>
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Prev Med Standalone

<p><u>MISSION:</u> Provide Prev Med services in support of Force Health Protection.</p> <p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNMPM: PREV MED STANDALONE (2 PAX)</p>	<p><u>COMPLEMENT</u></p> <p>Prev Med Officer 1 Prev Med Tech 1</p>
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Vector Standalone

<p><u>MISSION:</u> Provide Vector services in support of Force Health Protection.</p> <p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNMDV: VECTOR STANDALONE (3 PAX) FNPML: LOGISTICS SUPPORT (1 PAX)</p> <p><u>CESE UTC</u> FNPT3: ¾-TON TRAILER FNPT4: ECU/GEN TRAILER FNPT6: PICKUP</p>	<p><u>COMPLEMENT</u></p> <table border="0"> <tr> <td>Entomologist</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Prev Med Techs</td> <td style="text-align: right;">2</td> </tr> </table>	Entomologist	1	Prev Med Techs	2
Entomologist	1				
Prev Med Techs	2				

Microbiology Standalone

<p><u>MISSION:</u> Provide Microbiology services in support of Force Health Protection.</p> <p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNPMA: MICROBIOLOGY STANDALONE (2 PAX) FNPML: LOGISTICS SUPPORT (1 PAX)</p> <p><u>CESE UTC</u> FNPT1: STAKE TRUCK FNPT3: ¾-TON TRAILER FNPT4: ECU/GEN TRAILER FNPT6: PICKUP</p>	<p><u>COMPLEMENT</u></p> <table border="0"> <tr> <td>Microbiologist</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Lab Tech</td> <td style="text-align: right;">1</td> </tr> </table>	Microbiologist	1	Lab Tech	1
Microbiologist	1				
Lab Tech	1				

Radiological Standalone

<p><u>MISSION:</u> Provide Radiological services in support of Force Health Protection.</p> <p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNMRA: RADIOLOGICAL STANDALONE (2 PAX) FNPML: LOGISTICS SUPPORT (1 PAX)</p> <p><u>CESE UTC</u> FNPT4: ECU/GEN TRAILER FNPT6: PICKUP</p>	<p><u>COMPLEMENT</u></p> <table border="0"> <tr> <td>Radiological Health Officer</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Rad Health Tech</td> <td style="text-align: right;">1</td> </tr> </table>	Radiological Health Officer	1	Rad Health Tech	1
Radiological Health Officer	1				
Rad Health Tech	1				

Biochemist Standalone

<p><u>MISSION:</u> Provide Advanced Microbiology services in support of Force Health Protection.</p> <p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNPMB: BIOCHEMIST STANDALONE (1 PAX)</p>	<p><u>COMPLEMENT</u></p> <table border="0"> <tr> <td>Biochemist</td> <td style="text-align: right;">1</td> </tr> </table>	Biochemist	1
Biochemist	1		

Environmental Health Assessment Team Standalone

<p><u>MISSION:</u> Provide advanced party environmental health assessment services in support of Force Health Protection.</p> <p><u>MANPOWER UNIT TYPE CODE (UTC)</u> FNEHS: ENVIRONHLTHASS TEAM STANDALONE (5 PAX) FNFML: LOGISTICS SUPPORT (1 PAX)</p> <p><u>CESE UTC</u> FNPT3: ¾-TON TRAILER FNPT4: ECU/GEN TRAILER FNPT6: PICKUP</p>	<p><u>COMPLEMENT</u></p> <table border="0"> <tr> <td>Entomologist</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Environmental Health Officer</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Industrial Hygienist</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Prev Med Techs</td> <td style="text-align: right;">2</td> </tr> </table>	Entomologist	1	Environmental Health Officer	1	Industrial Hygienist	1	Prev Med Techs	2
Entomologist	1								
Environmental Health Officer	1								
Industrial Hygienist	1								
Prev Med Techs	2								

Expeditionary Resuscitative Surgical System (ERSS) [Concept]

<p><u>MISSION:</u> Provide an advanced modular, tailored, mission-specific medical capability close to the point of injury that supports the range of military operations (ROMO) afloat and ashore. Expeditionary medical options include immediate life and limb-saving surgery, trauma care, Medevac, and en route care. The modularity of the ERSS significantly enhances its flexibility and mobility through expandable expeditionary medical operations.</p>	<p><u>MANPOWER UNIT TYPE CODE (UTC)</u> Not assigned yet. Part of Future Forces UTCs.</p>
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Expeditionary Surgical Team (EST)

<p><u>MISSION:</u> Provides forward initial emergency resuscitative surgery; capable of functioning from a small platform or from a shore-based position. Sets up within 45 minutes, handles up to 5 damage control cases, and holds patients from 2-4 hours.</p>	<p><u>COMPLEMENT</u></p> <table> <tr> <td>General Surgeon</td> <td>1</td> </tr> <tr> <td>Anesthesia Provider</td> <td>1</td> </tr> <tr> <td>Critical Care RN</td> <td>1</td> </tr> <tr> <td>Surgical Techs</td> <td>2</td> </tr> </table>	General Surgeon	1	Anesthesia Provider	1	Critical Care RN	1	Surgical Techs	2
General Surgeon	1								
Anesthesia Provider	1								
Critical Care RN	1								
Surgical Techs	2								

Expeditionary Trauma Team (ETT)

<p>MISSION: Provides initial emergency life and limb-saving actions; capable of functioning from a small platform or shore-based position.</p>	<p>COMPLEMENT</p> <table><tr><td>Emergency Physician</td><td>1</td></tr><tr><td>Physician Assistant</td><td>1</td></tr><tr><td>IDC</td><td>1</td></tr></table>	Emergency Physician	1	Physician Assistant	1	IDC	1
Emergency Physician	1						
Physician Assistant	1						
IDC	1						

En Route Care Team (ERCT)

<p>MISSION: Provides treatment of patients during movement between roles of care. Capable of medically managing two stabilized casualties for two-hour transits.</p>	<p>COMPLEMENT</p> <table><tr><td>Flight Corpsman</td><td>1</td></tr><tr><td>Critical Care Nurse</td><td>1</td></tr></table>	Flight Corpsman	1	Critical Care Nurse	1
Flight Corpsman	1				
Critical Care Nurse	1				

Surgical Company (SC), Medical Battalion, MLG

<p><u>MISSION:</u> The SC provides general HSS to the MEF to include capabilities of care for temporary medical/surgical treatment and holding of casualties. A surgical company supports a regimental or Marine Expeditionary Brigade (MEB)-sized force.</p> <p><u>UNITS IN SERVICE</u> 1st MED BN: 3 SC 2d MED BN: 2 SC 3d MED BN: 2 SC</p> <p><u>ORGANIZATION</u> 1 HQ Platoon 4 Surgical Platoons</p>	<p><u>MEDICAL CAPACITY</u> ORs: 2 (not manned, but available for sustained operations) FRSS: 4 Shock Trauma Platoon:4 Ward (10 beds each): 4 X-ray Section: 4 Ambulance section: 4 Lab Sections: 4 En Route Care Section: 4 Dental section (augmented from Dental Battalion): 4 Maximum Patient Holding Time: 72 hours</p>
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Shock Trauma Platoon (STP)

MISSION: The STP provides direct HSS to the MEF to include collecting, clearing, and evacuation of casualties from supported MEF elements for resuscitative treatment care and temporary holding of casualties.

UNITS IN SERVICE

1st MED BN: 14

2d MED BN: 10

3d MED BN: 8

MEDICAL CAPACITY

Erect Time: 1 hour

Maximum Patient Holding Time: 6 hours

The STP is the most mobile medical support platoon of the medical battalion. It can serve as a beach evacuation station, reinforce a battalion aid station (BAS), operate as an intermediate casualty collecting and clearing point between forward medical elements and the SC, or serve as the forward element of a SC (i.e., triage/evacuation platoon) preparing to relocate. An STP reinforced with preventive medicine, group aid station, and dental personnel may also provide HSS to a Combat Logistics Battalion (CLB) or Marine Expeditionary Unit (MEU).

Forward Resuscitative Surgery System (FRSS)

<p><u>MISSION:</u> The forward resuscitative surgery system (FRSS) is a highly mobile, rapidly deployable, trauma surgical unit that will provide the emergency surgical interventions required to stabilize casualties who might otherwise die or lose limb or eyesight before receiving appropriate treatment. The FRSS has a small logistic footprint to support early introduction into the operating area, rapid movement, erection, deployment, and redeployment in forward areas.</p> <p><u>UNITS IN SERVICE</u> 1st MED BN: 14 2d MED BN: 10 3d MED BN: 8</p>	<p><u>MEDICAL CAPACITY</u> Cots: 5 (2 pre-operatives, 1 intra-operative, and 2 post-operatives)</p> <p>Maximum Patient Holding Time: 4 hours Erect time: 1 hour</p> <p>The FRSS can provide for a maximum of 18 casualties requiring surgery over a period of 48 hours before requiring resupply and relief of personnel.</p>
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Marine Corps First Responder Care (Role 1)

Battalion Aid Station (BAS)

<p><u>MISSION:</u> The BAS is a Role 1 unit whose mission is to provide First Responder medical capability to support company and platoon corpsmen and provide advanced care in the overall effort to sustain the combat force.</p> <p><u>ORGANIZATION</u> The BAS is manned by hospital corpsmen of the battalion medical platoon under the direction of the assistant battalion surgeon. The aid station element is capable of establishing and operating two aid stations when necessary, the second being led by the battalion surgeon. Aid stations are normally divided into 2 sections, with 1 officer and 10 enlisted, plus 4 medical teams of 11 enlisted each.</p>	<p><u>MEDICAL CAPACITY</u> Erect Time: 1 hour Maximum Patient Holding Time: 6 hours</p> <p>Directly provides Forward Resuscitative Capability for approximately 50 casualties.</p>
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Marine Wing Support Squadron (MWSS)

<p><u>MISSION:</u> Provide First Responder medical care to support Marine Air Wings (MAW).</p> <p><u>ORGANIZATION</u> There are 10 Marine Aircraft Groups (MAG) within 3 MAWs and each MAG has 1 MWSS. Organic to each MWSS are medical officers, hospital corpsmen, medical equipment and supplies to establish a squadron aid station capable of providing medical care to one Marine expeditionary airfield with attached flying squadrons.</p> <p>Size: (mobilization): 4 Navy officers, 33 Navy enlisted (Rotary Wing), 32 Navy enlisted (Fixed Wing)</p>	<p><u>MEDICAL CAPACITY</u> Erect Time: 1 hour Maximum Patient Holding Time: 6 hours</p> <p>Provides Role 1 care for approximately 50 casualties.</p>
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Marine Corps Dental

Dental Battalion

<p><u>MISSION:</u> The dental battalion is the source of dental services to the MEF. By attaching scalable task-organized dental sections and detachments to elements of the Marine Air-Ground Task Force (MAGTF), dental battalion personnel ensure dental readiness and optimize health during exercises, deployments, stability operations, and combat operations.</p>	<p><u>ORGANIZATION</u> The dental battalion consists of a Headquarters and Service Company and 3 dental companies from which task-organized, operational dental support is provided to the MEF, MEB, or any combination of smaller MAGTFs.</p>
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Dental Platoon-Ground (DP-G)

<p><u>MISSION:</u> The Dental Platoon-Ground (DP-G) is the dental component of the LCE of the MEB. Though normally assigned to the surgical company, the DP-G can effectively function attached to any other unit organic to the logistics combat element (LCE) able to provide transportation, facilities, and security support.</p> <p><u>ORGANIZATION</u> 6 dental officers, 9 dental technicians, and 6 Authorized Dental Allowance Lists (ADAL).</p>	<p><u>MEDICAL CAPACITY</u> One DP-G and 1 Dental Platoon-Air (DP-A) support a MEB Role force and provide emergency and essential non-emergency dental support to approximately 8,000 to 12,000 personnel using ADALs, with enough supplies to support a defined patient stream for one month (estimated at 1,700 dental casualties).</p>
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Dental Platoon-Air (DP-A)

<p><u>MISSION:</u> The Dental Platoon-Air (DP-A) is attached to the MWSS and provides dental support to personnel assigned to the Aviation Combat Element (ACE).</p> <p><u>ORGANIZATION</u> 4 wing detachments with 1 dental officer 2 dental technicians, and 1 ADAL.</p>	<p><u>MEDICAL CAPACITY</u> One DP-G and 1 DP-A support a MEB Role force and provide emergency and essential non-emergency dental support to approximately 8,000 to 12,000 personnel using ADALs, with enough supplies to support a defined patient stream for one month (estimated at 1,700 dental casualties).</p>
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Dental Section

<p><u>MISSION:</u> The smallest module of dental support is a dental section, which is the dental component of the LCE of the MAGTF.</p> <p><u>ORGANIZATION</u> 1 dental officer, 1 dental technician, and 1 ADAL</p>	<p><u>MEDICAL CAPACITY</u> The dental section provides emergency and essential non-emergency dental support to approximately 2,200 personnel using the ADAL to support a defined patient stream for one month (estimated at 175 dental casualties).</p>
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Marine Corps Logistics

Medical Logistics Platoon, Supply Company, Combat Logistics Regiment, Marine Logistics Group

<p><u>MISSION:</u> Provides supply and maintenance support for Class VIII materiel of the MEF.</p>	<p><u>ORGANIZATION</u> Medical logistics platoons consist of a headquarters section, 3 supply platoons, and an equipment repair platoon. It plans, coordinates, and supervises the common support functions of the battalion. It is also structured to facilitate task organization of detachments to support MAGTF operations.</p>
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US Military Medical Evacuation Assets

Fixed Wing

MISSION: Provide air evacuation of casualties.					
Type	Service	Config [^]	Litter ^{**}	Ambulatory ^{**}	Attendants
C-5 Galaxy	USAF	Max	0	70	2 Flight Nurses 3 Aeromed Evac Techs
KC-135 Stratotanker	USAF	Max	8	24	2 Flight Nurses 3 Aeromed Evac Techs
KC-10 Extender	USAF	Max	8	24	2 Flight Nurses 3 Aeromed Evac Techs
C-21 Learjet	USAF	Max	1	2	1 Flight Nurse 1 Aeromed Evac Tech
C-130 Hercules	USAF	Max	74	92	2 Flight Nurses 3 Aeromed Evac Techs
	USMC	Comb	50	24	
C-17 Globemaster	USAF	Max	36	54	2 Flight Nurses 3 Aeromed Evac Techs
C-27J Spartan	USAF USA	Max	24	34	4 Medical Attendants
C-23 Sherpa	USA	Max	18	30	2 Medical Attendants
*MV-22 Osprey	USAF USMC USN	Max	12	24	2 Medical Attendants
C-12 Huron	USAF USMC USN USA	Max	2	8	1 Medic
		Comb	0	8	
C-2 (COD)	USN	Max	12	24	2 Corpsmen
P-3 (Sub Hunter)	USN	Max	2	3	2 Corpsmen

[^] In maximum configuration, platforms can carry the listed number of patients for either litter OR ambulatory. In combined configuration, platforms can carry the listed number of patients for both litter AND ambulatory.

* Airframe NOT capable of flight operations onboard T-AH Platform.

**** Capacities may be significantly lower depending on mission and operational environments. Be sure to verify numbers with aircraft personnel.**

Source: Joint Publication 4-02, Health Service Support. 26 July 2012.

Rotary Wing

MISSION: Provide air evacuation of casualties.					
Type	Service	Config [^]	Litter ^{**}	Ambulatory ^{**}	Attendants
UH-1N Iroquois	USMC	Max	6	12	1 Corpsman
		Comb	3	5	
CH-46 Sea Knight	USMC	Max	15	22	2 Corpsmen
		Comb	6	15	
*CH-53D/E Sea Stallion/Super Sea St.	USMC USN	Max	24	37 (55 w/ Center Line)	2 Corpsmen
		Comb	8	19	
UH-60A/L/M	USA	Max	2	11	2 Crewmembers
		Comb	1	4	
UH-60A Blackhawk Air Ambulance Carousel Equipped	USA	Max	6	7	1 Medic
		Comb	3	1	
HH-60L/M Blackhawk Air Ambulance	USA	Max	6	6	1 Medic
		Comb	3	3	
UH-1H/V Iroquois Air Ambulance	USA	Max	6	9	1 Medic
		Comb	3	4	
CH-47 Chinook	USA	Max	24	31	1 Medic
		Comb	8	19	
UH-72 Lakota	USA	Max	2	4	1 Medic
		Comb	1	2	
UH-1Y	USMC	Max	6	12	1 Medic

[^] In maximum configuration, platforms can carry the listed number of patients for either litter OR ambulatory. In combined configuration, platforms can carry the listed number of patients for both litter AND ambulatory.

* Airframe NOT capable of flight operations onboard T-AH Platform.

**** Capacities may be significantly lower depending on mission and operational environments. Be sure to verify numbers with aircraft personnel.**

Source: Joint Publication 4-02, Health Service Support. 26 July 2012.

Ground

MISSION: Provide ground evacuation of casualties.

Type	Service	Config [^]	Litter*	Ambulatory*
M1113 Armored Personnel Carrier	USA	Max	4	10
		Comb	2	4
M996, HMMWV Ambulance	USA	Max	3	6
		Comb	1	3
M997, HMMWV Ambulance	USA	Max	4	8
		Comb	2	4
M1035, HMMWV Ambulance	USMC	Max	2	3
		Comb	1	3
Bus, Ambulance	NA	Max	20	44
M1133 Stryker Medical Evacuation Vehicle	USA	Max	4	6
		Comb	2	3
MRAP Maxx Pro-Plus Ambulance	USA	Max	2	4
		Comb	2	1
MRAP RG33L Heavily Armored Ground Ambulance	NA	Max	3	6
		Comb	1	3
MRAP Cougar Ambulance	USMC	Max	2	3
		Comb	1	3

[^] In maximum configuration, platforms can carry the listed number of patients for either litter OR ambulatory. In combined configuration, platforms can carry the listed number of patients for both litter AND ambulatory.

* Capacities may be significantly lower depending on mission and operational environments. Be sure to verify numbers with local personnel.

Source: Joint Publication 4-02, Health Service Support. 26 July 2012.

Maritime

MISSION: Provide maritime evacuation of casualties.			
Type	Service	Litter*	Ambulatory*
AAV	USMC	12	25
LCAC (with patient module)	USN	55	110
LCM 6	USN	24	48
LCM 8	USN	24	48
LCU	USN	24	48

*Platforms can carry the listed maximum number of patients for either litter OR ambulatory.

Source: Joint Publication 4-02, Health Service Support. 26 July 2012.

Appendix A: Authorized Medical/Dental Allowance Lists (AMAL/ADAL)

Health service support AMALs and ADALs are arranged in a modular concept. The equipment module contains equipment and reusable materiel required to establish the basic function of the module; e.g., operating room. The supply module contains consumable material designed to support the function in the treatment of a designated number of casualties or to perform a specific task. For readiness purposes, an equipment module may be stored in combination with its corresponding supply module. The AMALs/ADALs are maintained and resupplied by MEDLOG, supply company, MLG. Each AMAL that has a consumable block has a ratio of one set of equipment per two sets of consumables with the exception of the FRSS, which has a 1:5 ratio. The AMALs/ADALs number and nomenclatures are described below:

AMAL	Nomenclature
618–Lab Equipment	Equipment and reusable materiel to establish a laboratory capable of hematology, microbiology, urinalysis, collecting, and chemistry testing.
619–Lab Supply	Consumable supplies to perform hematology, microbiology, urinalysis, and chemistry testing for 100 patients.
627–X-Ray Equipment	Equipment, consumable supplies, and reusable materiel to establish 1 X-ray suite.
631–Shock Surgical/Triage Equipment	Equipment and reusable materiel to establish a basic shock trauma surgical team or triage supporting the receipt, resuscitation, sorting, and temporary holding of casualties.
632–Shock Surgical Team/Triage Supply	Consumable supplies required to receive, resuscitate, sort, and temporarily hold 50 casualties with major wounds.
633–Acute Care Ward Equipment	Equipment and reusable materiel to establish a 10-bed unit providing care for patients.
634–Acute Care Ward Supply	Consumable supplies to provide ward support for 100-bed days to patients.
635–Battalion Aid Station Equipment	Equipment and reusable materiel required to support 1 division, wing, group or engineer, BAS.
636–Battalion Aid Station Supply	Consumable supplies to provide aid station support, initial resuscitative and stabilizing care for 50 casualties with major wounds prior to evacuation and resupplying basic line corpsman.
637–Preventive Medicine Maneuver	Designed for an HM 8404 trained as a preventive medicine representative.
638–Preventive Medicine Technician	Designed for a Preventive Medicine Technician (HM 8432) to perform technical preventive medicine functions.
639–Operating Room Equipment	Equipment and reusable materiel required to support 1 operating room for performance of major surgical procedures, administering general anesthesia, sterilizing, and maintaining sterile materiel.
640–Operating Room Supply	Consumable supplies required to provide operating room support for 25 surgical cases.
645–FRSS	Equipment, consumable supplies, and reusable materiel required to care for 18 patients in a 48-hour period (with AMAL 646).
646–FRSS Resupply	Equipment and consumable supplies required to reconstitute the

	FRSS suite.
647-ERCS	Equipment, consumable supplies, and medical treatment protocols necessary for the medical management of 2 critically injured/ill, but stabilized, patients during transport aboard Marine Corps aircraft from elements ashore to elements at sea or ashore.
648-CASEVAC	Provides the equipment and consumables required to conduct En-Route care for two critically injured/ill, but stabilized patients within the ACE.
650- Preventive Medicine OEHS	Provides the equipment and consumables required to conduct industrial hygiene functionality and environmental health assays.
651-Preventive Medicine ENTO	Provides equipment and consumables required to conduct entomology functionality.
652- CBIRF	Provides the equipment and consumables required to provide care to military and civilian casualties from a chemical, biological, radiological, nuclear or high-yield explosives incident in CONUS and OCONUS.
660-MARSOC	Provides the equipment and consumables required to provide initial resuscitative and stabilization capability for a MARSOC unit.
685-GEO Mission/Cold Weather	Consumable supplies and reusable materiel to accommodate special mission/geographic related requirements into areas where cold-related injuries are likely to occur.
686-GEO Mission/Hot Weather Supplement	Consumable supplies and reusable materiel to accommodate special mission/geographic related requirements into areas where heat-related injuries are likely to occur.
687-GEO Mission/CBRN Individual	Materiels required for the individual to conduct primary decontamination and treatment in a CBRN environment.
688-GEO Mission/CBRN Unit	Materiels required for the units to conduct primary and secondary decontamination and treatment in a CBRN environment.
691-MEDLOG Test/Repair Equipment	Equipment and reusable materiel to perform testing, calibration, and 3d and 4th echelon maintenance of medical/dental equipment.
692-MEDLOG Test/Repair Supply	Consumable supplies to accommodate a medical repair section in the testing, calibrating, and intermediate maintenance of medical/dental equipment.
699-Sickcall	Medical materiel to provide essential treatment for DNIBs during routine sick call for 300 deployed Marine Corps forces for 30 days. This AMAL provides the sick call capability for a BAS and will usually be deployed with the BAS AMALs.
ADAL	Nomenclature
662-Field Dental Operatory	Equipment and reusable materiel establishing a field dental clinic. Consumable supplies providing emergency, diagnostic, preventive, and maintenance dental support for 400 patients.

Appendix B: Acronyms

AAV	Amphibious Assault Vehicle
AAW	Anti-Air Warfare
ASW	Anti-Submarine Warfare
ACE	Aviation Combat Element
ACW	Acute Care Ward
ADAL	Authorized Dental Allowance List
AMAL	Authorized Medical Allowance List
ARG	Amphibious Ready Group
BAS	Battalion Aid Station
BOS	Base Operations Support
CASEVAC	Casualty Evacuation
CATF	Commander Amphibious Task Force
CBIRF	Chemical-Biological Incident Response Force
CBRN	Chemical, Biological, Radiological, and Nuclear
CCRN	Critical Care Registered Nurse
CESE	Civil Engineering Support Equipment
CLB	Combat Logistics Battalion
COCOM	Combatant Commander
CONPLAN	Concept Plan
CONUS	Continental United States
CRNA	Certified Registered Nurse Anesthetist
CRTS	Casualty Receiving and Treatment Ship
CSH	Combat Support Hospital (US Army)
DNBI	Disease Non-Battle Injury
DP-A	Dental Platoon-Air
DP-G	Dental Platoon-Ground
ECU	Environmental Control Unit
EMEDS	Expeditionary Medical Support (USAF)
EMF	Expeditionary Medical Facility
ERC	En Route Care
ERCS	En Route Care System
ERCT	En Route Care Team
ERSS	Expeditionary Resuscitative Surgical System
ESG	Expeditionary Strike Group
EST	Expeditionary Surgical Team
ETT	Expeditionary Trauma Team
FDPMU	Forward Deployable Preventive Medicine Unit
FHP	Force Health Protection
FRSS	Forward Resuscitative Surgery System
FRC	First Responder Care / Forward Resuscitative Care
FST	Fleet Surgical Team (Navy)
FST	Forward Surgical Team (Army)
HA-DR	Humanitarian Assistance-Disaster Relief
HAZMAT	Hazardous Material
HM	Hospital Corpsman

HMMWV	High-Mobility Multipurpose Wheeled Vehicle
HQ	Headquarters
HSS	Health Service Support
ICU	Intensive Care Unit
IDC	Independent Duty Corpsman
JOPEs	Joint Operation Planning and Execution System
LCAC	Landing Craft Air Cushion
LCE	Logistics Combat Element
LCPO	Leading Chief Petty Officer
MACG	Marine Air Control Group
MAG	Marine Aircraft Group
MAGTF	Marine Air-Ground Task Force
MARDIV	Marine Division
MARFOR	Marine Corps Forces
MARFORCOM	Marine Corps Forces Command
MARFORPAC	Marine Corps Forces, Pacific
MARFORRES	Marine Corps Forces Reserve
MARSOC	Marine Corps Forces, Special Operations Command
MAW	Marine Air Wing
MCW	Minimal Care Ward
MEB	Marine Expeditionary Brigade
MEDEVAC	Ground or Rotary Medical Evacuation
MEDLOG	Medical Logistics
MEF	Marine Expeditionary Force
MEU	Marine Expeditionary Unit
MSO	Military Stability Operations
MLG	Marine Logistics Group
MRAP	Mine-Resistant Ambush Protected
MTF	Medical Treatment Facility
MWSS	Marine Wing Support Squadron
NEHSS	Naval Expeditionary Health Service Support
OCONUS	Outside the Continental United States
OEHS	Occupational and Environmental Health Surveillance
OIC	Officer-in-Charge
OPLAN	Operation Plan
OR	Operating Room
PAX	Personnel
ROMO	Range of Military Operations
SARP	Substance Abuse Rehabilitation Program
SC	Surgical Company
STP	Shock Trauma Platoon
THC	Theater Hospitalization Capability
TUCHA	Type Unit Characteristic
UTC	Unit Type Code

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