

DEPARTMENT OF THE NAVY COMMANDER MILITARY SEALIFT COMMAND WASHINGTON NAVY YARD BLDG 210 901 M STREET SE WASHINGTON DC 20398-5540

COMSCINST 12410.25B N1 21 February 1994

# COMSC INSTRUCTION 12410.25B

Subj: CIVILIAN MARINE (CIVMAR) CAREER DEVELOPMENT PLAN

Ref: (a) 46 CFR, Parts 10 and 12 (b) NAVEDTRA 10661 (c) NAVEDTRA 10052 (d) NAVEDTRA 10500 (e) CMPI 410

Encl: (1) Sponsor's Codes

- (2) General Training for CIVMAR Personnel
- (3) Training Courses for Deck Department
- (4) Training Courses for Engineer Department
- (5) Training Courses for Supply Department
- (6) Training Courses for Radio Officer, Purser and Medical Service Officer
- (7) Training Courses for Damage Control Personnel
- (8) Upgrade Training Schools
- (9) Maritime Academies

1. <u>Purpose</u>. This instruction is a compilation of information on career development, identified mandatory training and shipboard training requirements for Military Sealift Command (MSC) CIVMAR personnel.

- 2. Cancellation. COMSCINST 12410.25A.
- 3. Scope

a. Procedures and requirements necessary for CIVMAR personnel to obtain higher U.S. Coast Guard (USCG) licenses or endorsements are identified in reference (a).

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b. Courses and study material necessary or desirable in preparing CIVMARs to function more efficiently in their present position or to prepare for upgrade purposes are listed in references (b) through (d). Reference (d) must be reviewed by Area Command Training Divisions to ensure currency of Navy course requirements and course content.

c. COMSC has the overall responsibility for establishing CIVMAR training policy as indicated in reference (e). COMSC recognizes the need for a decentralized system of decision making, specifically, training activities carried out by Area Commanders. COMSC encourages Area Commands to explore and define ways in which training priorities may be more explicitly identified to meet current circumstances and provide COMSC with recommendations. Area Commands have a primary role in determining training needs of their own CIVMAR employees and how these needs should be met. Training priorities are:

(1) Priority 1 - Mandatory by law/regulations or declared essential in order to perform a particular function. Failure to provide this training will have a direct adverse effect on mission accomplishment.

(2) Priority 2 - Needed by the employee to effectively perform their job function or required to provide for systematic replacement of skilled employees through developmental programs, and if deferred beyond the ensuing training cycle, will have an adverse effect on mission accomplishment.

(3) Priority 3 - Desired and may be helpful. Training for an employee who is performing at a satisfactory level but which will provide an increase in efficiency and productivity.

d. A technical representative or subject matter expert may ride the ship to provide shipboard training and recommendations or evaluation for special equipment situations (i.e., UNREP STREAM rigs, conveyor, elevator, etc.).

e. CIVMARs who attain positions of higher responsibilities should have, by normal career development training, attended those courses required for their subordinates. Examples are the Master being familiar with all helicopter operations requirements; the Chief Engineer being familiar with the maintenance and repair of all equipment associated with UNREP; the Supply Officer being familiar with all aspects of Supply Division functions. Supervisors or senior licensed officers, who are ;unfamiliar with their subordinates duties, will not be able to effectively perform or evaluate their subordinates duties or performance. Those who wish to obtain positions of higher responsibility should take courses that will prepare them for the next position.

# 4. Information

a. Enclosure (1) provides a list of sponsor codes to be used with enclosures (2) through (7). Enclosures (2) through (7) are forwarded as a basic guide to identified required (R) or Recommended (X) training courses. These enclosures summarize all billet specific Priority 1 and 2 training identified by appropriate authorities. The position titles identified in CMPI 512 are listed. (There are some positions identified with an asterisk (\*) indicating an unofficial but commonly used position title.) Courses will be added or deleted based on new requirements identified by other controlling instructions. Quotas should be obtained by the Area Command Training Division in a timely manner to ensure MSC operational requirements are met. Some U.S. Navy courses may require 1 year lead time in order to obtain the necessary quotas.

b. Discrete equipment training during the familiarization training for ships under construction or conversion may be conducted at the factory, Navy schools or builders yard by equipment subject matter experts.

c. Senior officers (Master, First Officer, Chief Engineer, First Assistant Engineer, Purser, Supply Officer and Chief Steward) may be nominated on a periodic basis to attend an Office of Personnel Management (OPM) Course in Management, Human Relations or Supervision.

- d. Enclosure (8) lists known Upgrade Training Schools.
- e. Enclosure (9) lists Maritime Academies in the United States.

### 5. Action

a. Area Command Training Divisions will maintain sufficient supply of NAVEDTRA training manuals to support the training efforts of their employees. In addition, a limited supply of audio visual training aids are to be maintained in accordance with reference (e).

b. Ships' Training Officers and Department Heads are encouraged to counsel, instruct and aid their subordinates or other interested personnel on using available training/study materials and disseminate information on available training opportunities.

c. Area Commanders are encouraged to provide COMSC with information on current or new courses so the latest information may be provided to the fleet through a change to the instruction.

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d. In order to conserve costs and receive maximum benefits, U.S. Navy or other federally conducted courses will be considered first, before a commercial or manufacturer training facility is selected.

Distribution:

COMSCINST 5000.19

List I (Case A, B)

SNDL 41B (MSC Area Commands) (COMSCPAC and COMSCLANT only) (50)

- 41B (MSC Area Commands) (COMSCFE and COMSCEUR only) (10)
- 41C (MSC Subarea Commands) (5)
- 41D3 (MSC Offices) (2)
- 41F (MSCCENTACT)

Copy to: (2 each)

- SNDL 41G (COMFSRON)
  - 41K (MSCUs)
  - 41L (COMPSRONs)
  - 41M (MSC TAGOS Units)
  - T-100 (Masters, civil service manned ships)
  - T-101 (Masters & Operators, contract-operated tankers
  - T-102 (Masters & Operators, contract-operated FSS)
  - T-103 (Masters & Operators, contract-operated TAGOS)

MSC Reps

# **SPONSOR'S CODES**

# Use with enclosures (2) through (7).

CODE NO.	SPONSOR'S CODES
US NAVY FACI	ILITIES
1	COMMANDER, MILITARY SEALIFT COMMAND, PACIFIC
2	COMMANDER, MILLITARY SEALIFT COMMAND, ATLANTIC
3	CO, FLEET TRAINING CENTER, NORFOLK, VA
4	CO, FLEET TRAINING CENTER, NON OEK, VA
5	CO, FLEET TRAINING CENTER, MAYPORT, FL
6	CO, FLEET TRAINING GROUP, PEARL HARBOR, HI
7	CO, FLEET TRAINING GROUP, WESTPAC, YOKOSUKA, JAPAN
8	CO, FLEET MINE WARFARE TRAINING CENTER, CHARLESTON, SC
9	CO, NAVAL TECHNICAL TRAINING CENTER, TREASURE I SLAND,
	SAN FRANCI SCO, CA
10	CO, NAVAL DAMAGE CONTROL TRAINING CENTER, PHI LADELPHI A, PA
11	RESERVED
12	CO, SERVICE SCHOOL COMMAND, NTC, SAN DIEGO, CA
13	CO, NUCLEAR WEAPONS TRAINING GROUP, ATLANTIC, NAVAL STATION,
	NORFOLK, VA
14	CO, NUCLEAR WEAPONS TRAINING GROUP, PACIFIC, NAS NORTH ISLAND,
	SAN DI EGO, CA
15	CO, NAVAL WEAPONS STATION, EARLE, NJ
16	CO, NAVAL WEAPONS STATION, CONCORD, CA
17	CO, NAVAL WEAPONS STATION, YORKTOWN, VA
18	CO, NAVAL WEAPONS STATION, CHARLESTON, SC
19	CO, NAVAL AMPHI BI OUS SCHOOL, CORONADO, CA
20	CO, NAVAL AMPHI BI OUS SCHOOL, LI TTLE CREEK, VA
21	CO, HC3 (FRAMP), NAS, NORTH I SLAND, SAN DI EGO, CA
22	CO, HSL-37, NAS, BARBERS POINT, HI
23	CO, NAVAL SURFACE FORCE, PACIFIC, SAN DIEGO, CA
24	RESERVED
25	RESERVED
26	CO, SUPSHIP, SAN FRANCISCO, CA
27 28	CO, EXPLOSI VE ORDNANCE DETACHMENT, MOFFI TT FIELD, CA CO, EXPLOSI VE ORDNANCE DETACHMENT, GUANTANAMO BAY CUBA
20	CO, NAVAL SEA SYSTEMS COMMAND, SAFETY SCHOOL, NORFOLK, VA
30	OIC, NAVAL SEA STSTEMS COMMAND, SAFETT SCHOOL, NORFOLK, VA
30a	OIC, NAVAL AIR MAINTENANCE TRAINING DEL., NAS, SAN DIEGO, CA
31	RESERVED
32	NAVY ENVIRONMENTAL AND PREVENTIVE MEDICINE UNIT (NEPMU) NO. 2, NORFOLK, VA
33	NEPMU NO. 5, SAN DI EGO, CA
34	NEPMU NO. 6, PEARL HARBOR, HI
35	NEPMU NO. 7, NAPLES, ITALY
36	NAVY DI SEASE VECTOR ECOLOGY AND CONTROL CENTER, NAS, ALAMEDA, CA
37	CO, NAVAL TRANSPORTATI ON MANAGEMENT SCHOOL, OAKLAND, CA
38	CO, NAVAL UNDERSEA MEDI CAL I NSTI TUTE, GROTON, CT
39	CO, NAVAL SURFACE FORCE, U.S. ATLANTIC FLEET, NORFOLK, VA
40	CO, MILITARY OCEAN TERMINAL, BAYONNE, NJ
41	CO, NORFOLK, NAVAL SHI PYARD, PORTSMOUTH, VA
42	CO, HEALTH SCIENCE EDUCATION AND TRAINING COMMAND, BETHESDA, MD

- 42 CO, HEALTH SCIENCE EDUCATION AND TRAINING COMMAND, BETHESDA, MD
- 43 COMSCMED, MEDICAL REPRESENTATIVE, NAPLES, ITALY

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- 44 MSCO, MEDICAL REPRESENTATIVE, NORFOLK, VA
- 45 FLEET COMBAT TRAINING CENTER ATLANTIC, DAM NECK, VIRGINIA BEACH, VA
- 46 FLEET ANTI-SUBMARI NE WARFARE TRAI NI NG CENTER, ATLANTI C, NORFOLK, VA
- 47 FLEET TRAINING UNIT, U.S. ATLANTIC FLEET, LITTLE CREEK, VA
- 48 MSC SUPPLY SCHOOL, ATHENS, GA
- 49 CO, FLEET TRAINING CENTER, GREAT LAKES, IL
- 50 NAVAL SHIP SYSTEMS ENGINEERING STATION, PHILADELPHIA, PA
- 51 NAVAL SHIP WEAPONS SYSTEM ENGINEERING STATION, PORT HUENEME, CA

#### OTHER GOVERNMENT FACILITIES

- 52 OFFICE OF PERSONNEL MANAGEMENT, SAN FRANCISCO, CA
- 53 OFFICE OF PERSONNEL MANAGEMENT, NEW YORK, NY
- 54 OFFICE OF CIVILIAN PERSONNEL MANAGEMENT, NWS, CONCORD, CA
- 55 FT DI X, NJ
- 56 PATRICK AFB, COCOA BEACH FL
- 57 US ARMY TRANSPORTATION SCHOOL, FT EUSTIS, VA
- 58 RESERVED
- 59 RESERVED

#### MARITIME ACADEMIES AND OTHER ACADEMIC INSTITUTIONS

- 60 TEXAS A&M UNIVERSITY AT GALVESTON, GALVESTON, TX
- 61 THE TEXAS A&M UNIVERSITY SYSTEMS, COLLEGE STATION, TX
- 62 CALI FORNI A MARI TI ME ACADEMY, VALLEJO, CA
- 63 U.S. MERCHANT MARI NE ACADEMY, KI NGS POI NT, NY
- 64 MAINE MARITIME ACADEMY, CASTINE, ME
- 65 CALI FORNI A MARI TI ME ACADEMY, RADAR SCHOOL, SAN FRANCI SCO, CA
- 66 STATE UNIVERSITY OF NEW YORK, MARITIME COLLEGE, FT SCHUYLER, BRONX, NY
- 67 MASSACHUSETTS MARI TI ME ACADEMY, BUZZARDS BAY, MA
- 68 GREAT LAKES MARITIME ACADEMY, TRAVERSE CITY, MI
- 69 DELGADO COMMUNI TY COLLEGE, NEW ORLEANS, LA
- 70 RESERVED
- 71 RESERVED

#### UNION SCHOOLS, MANUFACTURER'S AND OTHER TRAINING FACILITIES

- 72 M.M.&P MARI TI ME ADVANCEMENT TRAINING, EDUCATION AND SAFETY PROGRAM (RADAR SCHOOL), SEATTLE WA
- 73 M.M.&P MARI TI ME I NSTI TUTE OF TECHNOLOGY AND GRADUATE STUDIES, LI NTHI CUM HEI GHTS, MD
- 74 SI U HARRY LUNDBERG SCHOOL OF SEAMANSHIP, PI NEY POI NT, MD
- 75 AMO SCHOOL OF ENGINEERING, DANIA, FL
- 76 THE CALHOON MEBA ENGINEERING SCHOOL, EASTON, MD
- 77 DI STRI CT 2, MEBA-AMO, TOLEDO, OH
- 78 RAYTHEON OCEAN SYSTEM CO., EAST PROVI DENCE, RI
- 79 SEAMENS CHURCH I NSTI TUTE, NEW YOR, NY
- 80 MARINE SAFETY INTERNATIONAL, NEW YORK, NY
- 81 HOBART SCHOOL OF WELDING TECHNOLOGY, TROY, OH
- 82 TI DEWATER CENTER FOR LIFE SUPPORT TRAINING, NORFOLK, VA

#### GENERAL TRAINING FOR CIVMAR PERSONNEL REQUIRED OR RECOMMENDED

#### COURSE TITLE AND SPONSOR

#### ELIGIBILITY

#### **REQUIRED**:

- Basic Fire Fighting (3 days) Sponsor: 1 and 2 Ref: OPNAVINST 3541.1D; CMPI 410, para 1-3.G
- Damage Control (2-5 days) Sponsor: 1 and 2 Ref: CMPI 410
- Advanced Fire Fighting (3-6 days) Sponsor: 1 and 2 Ref: 46 CFR; and CMPI 410
- 4. Air Capable Ships Helicopter Fire Fighting Team Training (1 day) J-495-0414
  Sponsor: 1 thru 10
  Ref: NWP 42.1.3.8; NAVAIR 00-80R-14 Minimum per ship is 18 (NWP-42).
- Chemical, Biological and Radiological Defense (CBR-D) (1-5 days) Sponsor: 1 and 2
- Liferaft Instruction (5-10 days) Sponsor: 1 and 2 Ref: COMSCINST 12410.32
- Small Arms Training (3-5 days) Sponsor: 1, 2, 16, 47, 55, 56 and other facilities Ref: COMSCINST 3121.9, COMSCINST 5530.3

All CIVMAR personnel shall take this course at least once. Unlicensed personnel will take this course every 3 years.

All CIVMAR personnel shall take this course every 3 years.

All Licensed Officers every 3 years in lieu of Basic FF. Other key designated personnel may attend.

Flight Deck personnel and Helo FF teams are to attend this course every 3 years. Helo FF teams are not required to attend as a predesignated team.

All CIVMAR personnel shall take this course at least once.

All hands assigned to USNS MERCY and USNS COMFORT. Also required for specified military personnel assigned as MTF.

Personnel as required by COMSCINST 3121.9. Training required annually.

#### GENERAL TRAINING FOR CIVMAR PERSONNEL REQUIRED OR RECOMMENDED

COURSE TITLE AND SPONSOR	ELIGIBILITY
<ol> <li>New Employees Indoctrination (1-2 days)</li> <li>Sponsor: 1 and 2</li> <li>Ref: 5 U.S.C. Chap. 41; 5 C.F.R. Part 410; CPI 410</li> </ol>	Required for all new employees. Includes Civilian Employee Assistance Program (CEAP); Basic EEO; Prevention of Sexual Harassment, etc.
<ol> <li>Supervisory Training Sponsor: 1 and 2</li> <li>Ref: 5 U.S.C. Chap. 33; 5 C.F.R. Part 412; 5 U.S.C. Chap. 41; 5 C.F.R. Part 410; CPI 410</li> </ol>	All Supvisors will receive Basic supervisory training through completion of a course on Supervisory Development approved by Area Command Training Division.
<ol> <li>EEO Counselors, Basic Sponsor: 52 thru 54 Ref: CPI 720.1-6c; COMSCINST 12720.2</li> </ol>	Those employees selected as EEO Advisors. Refresher training every 5 years.
<ol> <li>EEO training (4 hours)</li> <li>Sponsor: 1 and 2</li> <li>Ref: CPI 720.1-6d; COMSCINST 12720.2</li> </ol>	Newly appointed supervisors and annual refresher training for all hands.
<ol> <li>Prevention of Sexual Harassment (1 day)</li> <li>Sponsor: 1 and 2</li> <li>Ref: CPI 720.1-6d; COMSCINST 12720.2</li> </ol>	All employees.
<ul> <li>13. Cardio-Pulmonary Resuscitation (CPR) Basic Rescuer Certificate (8 hours)</li> <li>Sponsor: 1, 2, 68, 69, 70, 82, Ship's MDR (MSC Nurses or Corpsman) and local offices of the American Red Cross of American Heart Assn.</li> <li>Ref: 46 CFR; IMO SWTC Convention 1978;SHIP</li> </ul>	Mandatory for all original license applicants and MDR. For MDR certification must be current. Recommended for all CIVMARS.
<ol> <li>Afloat Safety and Occupational Health Training (2 days) Sponsor: 1 and 2 Ref: OPNAVINST 5100.19B; COMSCINST 5100.17B</li> </ol>	All CIVMAR personnel on a one time basis. Shipboard Safety Officers (every 3 years).

#### GENERAL TRAINING FOR CIVMAR PERSONNEL REQUIRED OR RECOMMENDED

#### COURSE TITLE AND SPONSOR

#### ELIGIBILITY

15. Shipboard Hazardous Material/Hazardous Waste Coordinator Shipboard HM/HW Coordinator. On ships without a Supply Officer, the First Officer is the HM/HW Coordinator. Recommended for Cargo Officer. (2 days) (J-8B-0008) Sponsor: 3, 4, and 48 Ref: 29 CFR 1910.1200; COMSCINST 5100.17B; COMSCINST 5100.19B 16. Asbestos Ripout Training of Shipboard and IMA Personnel (1 day) Three team members 1 supervisor. The 1st A/E and two workers for each K-760-2166 ship not certified asbestos free. Sponsor: 4 Ref: OPNAVINST 5100.19B; OPNAVINST 5260.1B; 29 CFR 1910; COMSCINST 5100.17; COMSCINST 6260.3 17. Department Head Adminstrative Management Systems (DHAMS) Master and Department Heads both initial and refresher when requested. (up to 5 days) Sponsor: 1 and 2 Ref: COMSCINST 5230.5 18. Conveyor operations (1 day) For specified personnel onboard AFS. Sponsor: 49 and 50 Ref: AFS Working Group 19. Ozone Depletion Systems (ODS) For all licensed engineers, and key unlicensed engineers (Refer engineers Sponsor: TBD (see 1 and 2) and unlicensed Jr. Engineers). ODS certified Universal Technician Test is Ref: 40 CFR Part 82 required for those identified. Others may attend. 20. Oil Pollution Act of 1990 (1-5 days) Required for Personnel having responsibilities under Vessel Response Plan. Sponsor: TBD (see 1 and 2) Ref: 33 CFR 155.1055

#### GENERAL TRAINING FOR CIVMAR PERSONNEL REQUIRED FOR RECOMMENDED

#### COURSE TITLE AND SPONSOR

#### ELIGIBILITY

21. Navy Bulk Petroleum (2 days) J-651-0468 One required per UNREP ship with refueling capabilities. Recommend Cargo Sponsor: 20 Mate attend. 22. Landing Craft Beach and Surf Salvage (4 days) J-062-0037 For T-ATF only. Ship and crew. Sponsor: 19 and 20 **RECOMMENDED:** 1. Lifeboat Handling Instruction (5-10 days) Every CIVMAR should have a Lifeboatman endorsement. Optional training Sponsor: 1, 61, 61, Self Study and Shipboard Phase II for document upgrade. Ref: Appendix A to COMSCINST 12410.1C 2. Standards of First Aid (16 hours) Recommended for all embarked personnel. American Red Cross (ARC) Standard First Aid and Personal Safety (Multi-Media Standards First Aid) 3. Basic Computer Courses (1-5 days) Recommended for designated employees who will be working with Sponsor: Various - obtain information from Area Command computers. Training Office. 4. Rigid Hull Inflatable Boat (RHIB) (3-5 days) Recommended for Deck and Engine personnel who operate and maintain Sponsor: Marine Resources, Newport Beach, CA the RIB. Arranged by 1 and 2. 5. Exchange Location Operation (1-2 days) Those individuals selected to be Exchange Location Operators. Sponsor: 1, 2 and 80 6. Management Development (3-10 days) Recommended for all Licensed Officers and Department Heads. Sponsor: 1 and 2 to coordinate Ref: 5 U.S.C. Chap. 33; 5 C.F.R. Part 412; 5 U.S.C. Chap. 4; 5 C.F.R. Part 410

	AE DECK DEPARTMENT	MASTER	MASTERUNREP	F I R S T O F F I C E R	* FIRST/SECONDOFFICERCARGO	C H I E F O F F I C E R C A B L E	SECONDOFFICER	T H I R D O F F I C E R	B O A T S W A I N	B O A T S W A I N U N R E P	B O A T S W A I N M A T E	BOATSWAINMATE RIG CAPT	CARPENTER	C A R P E N T E R/ M A I N T E N A N C E	Q U A R T E R M A S T E R	A B L E S E A M A N	A B L E S E A M A N M A I N T E N A N C E	ORDINARY SEAMAN			
1.	AMMUNITION ADMINISTRATION (5 DAYS) J-041-0103 REQUIRED ONE/SHIP (DECK OR SUPPLY) SPONSOR: 4, 5, 6, 7, 8, AND 4			Х	Х		Х														
2.	FLEET OPTICAL SCANNING AMMUNITION MARKING SYSTEMS MAINTENANCE (3 DAYS) J-041-0184 REQUIRED ONE PER SHIP SPONSOR: 4 AND 45				Х		Х	Х													
3.	FLEET OPTICAL SCANNING AMMUNITION MARKING SYSTEMS OPERATOR (5 DAYS) J-041-0185 REQUIRED ONE PER SHIP (DECK OR SUPPLY) SPONSOR: 4 AND 45				Х		х	X													
4.	AMMUNITION IDENTIFICATION AND HANDLING (5 DAYS) REQUIRED ONE DECK OFFICER AND ONE BOATSWAIN PER SHIP SPONSOR: 16 REF: OPNAV 8023.2; OPNAV 3206		Х	Х	X			X	X								Х	Х			

UNREP SHIPS DECK DEPARTMENT	M A S T E R	M A S T E R U N R E P	F I R S T O F F I C E R	* FIRST/SECONDOFFICER CARGO	C H I E F O F F I C E R C A B L E	S E C O N D O F F I C E R	T H I R D O F F I C E R	B O A T S W A I N	BOATSWAINUNREP	B O A T S W A I N M A T E	B O A T S W AI N M A T E R I G C A P T	C A R P E N T E R	C A R P E N T E R M A I N T E N A N C E	Q U A R T E R M A S T E R	A B L E S E A M A N	A B L E S E A M A N M A I N T E N A N C E	O R D I N A R Y S E A M A N			
1. STANDARD TENSION ALONG SIDE METHOD STREAM OPERATOR (12 DAYS) A-060-0025 SPONSOR: 9 REF: NWP 14				R				X	R	X	R				Х	Х	Х			
2. NSWSES - NAVY STANDARD WINCH (STREAM) OPERATIONS AND MAINTENANCE) (5 DAYS) GROUP TRAINING SHIP SPECIFIC 10 PEOPLE SPONSOR: NSWSES, PORT HUENEME, CA REF: SHIP INTRODUCTION PROGRAM - EQUAL TO A-060-0025 ABOVE				R				X	R	X	R				Х	Х	Х			
3. FUEL PROBE AND CARGO DROP REEL MAINTENANCE (3 DAYS) A-690-0077 ONE REQUIRED ONE PER SHIP SPONSOR: 9 REF: NWP-14				X				X	X	X	Х									
4. FORKLIFT TRUCK OPERATOR (3 DAYS) A-690-0068 (RECERTIFICATION REQUIRED) (GAS AND ELECTRIC) 50% OF UNLIC DECK REQUIRED PER SHIP REF: OP-4098; NWP 14; OPNAV 8023.2; OP-4; OP-5; OPNAV 3345; OPNAV 2173								X	X	Х	Х	Х				Х	Х			
<ol> <li>FORKLIFT OPERATOR (5-10 DAYS) (SIDELIFT, ELECTRIC, ETC) 50% OF UNLIC DECK REQUIRED PER SHIP SPONSOR: 15, 16, 17, AND 18 (CAN BE RECERTIFIED BY SHIP'S CO.) REF: NWP 14, OPNAV 8023.2; OP-4; OP-5; OPNAV 3345; OP-2173; OP-4098</li> </ol>								X	X	Х	Х	X			Х	Х	Х			

	M A S T E R	M A S T E R U N R E P	F I R S T O F F I C E R	* FIRST/SECOND OFFICER CARGO	C H I E F O F F I C E R C A B L E	S E C O N D O F F I C E R	T H I R D O F F I C E R	B O A T S W A I N	B O A T S W A I N U N R E P	B O A T S W A I N M A T E	B O A T S W AI N M A T E R I G C A P T	C A R P E N T E R	C A R P E N T E R M A I N T E N A N C E	QUARTERMASTER	A	A B L E S E A M A N M A I N T E N A N C E	O R D I N A R Y S E A M A N			
6. FZ ALARM SYSTEM (4 DAYS) SPONSOR: 26 AND OJT				X																
7. MECHANICAL DUNNAGING (3 DAYS) SPONSOR: 16 AND 16 REF: OPNAV 8023.2; OPNAV 3206				R				Х	R	Х	Х	Х				Х	Х			
8. MAGAZINE SPRINKLER SYSTEMS OPERATIONS MAINTENANCE AND REPAIR (5 DAYS) K-041-2048 REQUIRED ONE (DECK OR ENGINE) FOR SHIPS W/MAGAZINES SPONSOR: 3, 4, 6, AND 7 REF: OPNAV 8023.2; OP-3347			Х	X		X	X				Х									

HELICOPTER OPERATIONS DECK DEPARTMENT NOTE: HCO/FDO HELO OPNS, Helo FAM and Helo indoc may be substituted for each other.	МАЮТШК	MASTER UNREP	FIRST OFFICER	* FIRSTSECOND OFFICER CARGO	CHIEF OFFICER CABLE	SECOND OFFICER	THIRD OFFICER	B O A T S W A I N	BOATSWAIN UNREP	BOATSWAIN MATE	BOATSWANMATE RIG CAPT	CARPENTER	С	QUARTERMASTER	A	A B L E S E A M A N M A I N T E N A N C E	O R D I N A R Y S E A M A N			
1. HELICOPTER OPERATIONS INDOCTRINATION (3 DAYS) E-2G-0200 REQUIRED FOR HCO DESIGNEES SPONSOR: 21 REF: NWP 42, PARA 1.3; COMNAVSURFPACINST 3501.4; COMSCINST 12410.17 OR	X	X	R	X			R													
2. HELICOPTER FAMILIARIZATION (5 DAYS) D-2G-0038 SPONSOR: 24 REF: NWP 42, PARA 1.3; COMSCINST 12410.17 OR	X	X	R	X			R													
3. HCO/FDO HELICOPTER OPERATIONS INDOCTRINATION (3 DAYS) 3-2G-0201 SPONSOR: 22 REF: NWP 42; COMSCINST 12410.17	X	Х	R	Х			R													
<ul> <li>LANDING SIGNALMAN ENLISTED (5 DAYS)</li> <li>E-600-0506 REQUIRED FOR LSE DESIGNEES</li> <li>SPONSOR: 12, 22 AND 24</li> <li>REF: NWP 42, PARA 1.3G; COMSCINST 12410.17</li> </ul>							Х	R		R					Х					

	GENERAL TRAINING Deck Department	MASTER	MASTER UNREP	F I R S T O F F I C E R	* FIRST/SECONDOFFICERCARGO	CHIEF OFFICER CABLE	S E C O N D O F F I C E R	T H I R D O F F I C E R	B O A T S W A I N	B O A T S W A I N U N R E P	BOATSWAIN MATE	BOATSWAINMATE RIG CAPT	C A R P E N T E R	С А R Р E Z T E R Z A – Z T E Z A Z C E	QUARTERMASTER	A B L E S E A M A N	A B L E S E A M A N M A I N T E N A N C E	O R D I N A R Y S E A M A N			
1.	GAS FREE ENGINEERING AND GAS FREE ENGINEERING PETTY OFFICER FOR SURFACE (AFLOAT) OPERATIONS (5 DAYS) A-495-0051 SPONSOR: 3, 4, 7, 9, AND 10 REF: NSTM 074, VOL 3; NWP 50-3A; COMSCINST 5100.17B	X	X	X	R	X	X	X													
2.	COMMUNICATIONS SECURITY MATERIAL SYSTEMS, (CSMS) CUSTODIAN (5 DAYS) A-4C-0014 ONE REQUIRED PER SHIP WITH CSMS IF MILDET/SPONSOR NOT RESPONSIBLE. SPONSOR: 3, 4, 5, 6, 7, AND 8 REF: CMS - 1	Х	Х	Х																	
	AFLOAT SAFETY OFFICER (10 DAYS) A-4J-0020 SPONSOR: NEWPORT RI AND OTHERS REF: COMSCINST 5100.17			R			V		V							V					
	DAMAGE CONTROL P-250 PORTABLE EMERGENCY PUMP OPERATION AND MAITNENANCE (5 DAYS) (VARIOUS COURSES) SPONSOR: 2, 3, 4, 5, 6, 7, 8, 9, AND 10			X			X	X	X							X					
5.	FOAM GENERATING SYSTEM OPERATIONS AND MAINTENANCE (9 DAYS) A-495-2179 SPONSOR: 3 AND 4							Х								Х	Х				

	GENERAL TRAINING Deck Department	M A S T E R	MASTER UNREP	F I R S T O F F I C E R	* FIRST/SECONDOFFICERCARGO	CHIEF OFFICER CABLE	SECONDOFFICER	THIRD OFFICER	B O A T S W A I N	BOATSWAINUNREP	B O A T S W A I N M A T E	BOATSWAINMATE RIG CAPT	C A R P E N T E R	C A R P E N T E R M A I N T E N A N C E	QUARTERMASTER	A	A B L E S E A M A N M A I N T E N A N C E	ORDINARY SEAMAN			
6.	BASIC CHEMICAL, BIOLOGICAL RADIOLOGICAL DEFENSE (CBR-D) (DAYS TBD) A-495-0421 SPONSOR: 3, 4, 5, 6, 7, 8, 9, AND 10 REQUIRED ONE PER SHIP W/CBR-D REQUIREMENT REF: MSC READINESS CONF. OF DEC 82; CMPI 410.2-2F(1)	X	X	X	x	X	x	R	X												
7.	BOATSWAINS MATE FUNDAMENTAL AND COXSWAIN TRAINING (19 DAYS) J-060-0036 MUST BE CERTIFIED AS 2ND CLASS SWIMMER SPONSOR: 19 AND 20								Х	Х	Х					Х	Х	Х			
	BASIC BOAT COXSWAIN (8 DAYS) J-062-0634 MUST BE CERTIFIED AS 2ND CLASS SWIMMER SPONSOR: 7, 19, AND 20								Х		Х		Х	Х	Х	Х	Х	Х			
	FUNDAMENTALS OF MARINE DIESEL SYSTEMS FOR LICENSED ENGINEERS AND DECK OFFICERS (5 DAYS) SPONSOR: 63	X	Х	Х																	
10.	BASIC SUPPLY MANAGEMENT (15 DAYS) SPONSOR: 48 REQUIRED ONE/SHIP W/O SUPPLY OFFICER			Х	X		X														

GENERAL TRAINING Deck Department	MASTER	MASTER UNREP	F I R S T O F F I C E R	* FIRST/SECONDOFFICERCARGO	CHIEF OFFICER CABLE	SECOND OFFICER	⊢∃_КО О⊬⊩-ОШК	BOATSWAIN	BOATSWALN UNREP	B O A T S W A I N M A T E	BOATSWAINMATE RIG CAPT	CARPENTER	C A R P E N T E R M A I N T E N A N C E	QUARTERMASTER	A BL S E A M A N	A L S E A M A N M A I N T E N A N C E	O R D I N A R Y S E A M A N			
11. COORDINATED SHIPBOARD ALLOWANCE LIST (5 DAYS) SPONSOR: 1 AND 2	X	Х	Х	Х	Х															
12. NATIONAL SEALIFT PROGRAM (5 DAYS) SPONSOR: 63	Х		Х																	
13. SEAMANS HEALTH IMPROVEMENT PROGRAM (SHIP). REQUIRED ONE PER SHIP WHEN NO MSO ASSIGNED. RECERTIFY EVERY 3 YEARS. NOTE: CONTACT AREA COMMAND TRAINING OFFICE FOR APPROVED SITES. REF: IMO STCW CONVENTION 1978; SHIP OR	Х		Х			X	X													
14. INTERMEDIATE EMERGENCY MEDICAL TECHNICIAN. REQUIRED ONE PER SHIP WHEN NO MSO ASSIGNED. REQUIRED FOR DCA (MEDICAL). RECERTIFY EVERY 3 YEARS. NOTE: CONTACT AREA COMMAND TRAINING OFFICE FOR APPROVED SITES. REF: IMO STCW CONVENTION 1978; SHIP OR	X		X			X	×													
15. SHIPBOARD MEDICAL CARE (2-4 WEEKS) RECERTIFY EVERY 3 YEARS, REQUIRED ONE/ SHIP W/O MSO SPONSOR: 62 AND 73 REF: SHIP, COMSCINST 6000.1	Х		Х	Х																

Enclosure (3) page 8 is an training chart for officers.

Enclosure (4) contains training charts for the engineering department.

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1.	SHIPBOARD PEST MANAGEMENT (2 DAYS) B-322-1075 (RECERTIFIED EVERY THREE YEARS) SPONSOR: 32, 33, 34, AND 31	S U P P L Y O F F I C E R	JR SÜPPLY OFFICER	CHLEF STEZA RD R	SECOND STEWARD	THIRD STEWARD X	STEWARD COOK	ст_шғ соох <b>R</b>	SECOND COOK X	тныко соок Х	соок вакек Х	N-GHT СООК ВАКШК <mark>Х</mark>	SECOND COOK BAKER	A S S T C O O K	THIRD PANTRYMAN X		ASST LAURDRYMAR	YEOMAN STOREKEEPER	АЗЯТ ЯТОКЕКЕРЕК	G A L L E Y M A N	UTILITYMAN	M E 0 0 M A N	
	REF: BUMEDINST 6250.13A				_				_				_		_					_	_	_	
2.	FOOD SERVICE SANITATION BASIC/REFRESHER (1 DAY) B-322-2103; SPONSOR: 1, 2, 32, 33, 34, 35, 43, 44, 70 PLUS ON BOARD ALL MSC SHIPS ON A CONTINUING BASIS ANNUALLY REF: CMPI 410, SECNAVINST 4061.1, COMSCINST	X	X	R	R	R	R	R	R	R	R	R	R	R	R	R	x	x		R	R	R	
400	0.2 FOOD SERVICE SANITATION INSTRUCTOR B-322-2101			Х	Х	Х	Х	-	Х														 
	(5 DAYS RECERTIFIED EVERY THREE YEARS BY TAKING 1 DAY COURSE B-322-2102 REQUIRED ONE/SHIP W/O MSO SPONSOR: 1, 32, 33, 34, AND 35 REF: COMSCINST 4000.2			Χ	^	~			~														
4.	FUNDAMENTALS OF COOKING AND BAKING (14 DAYS) SPONSOR: COORDINATE THROUGH 1 AND 2			Х			Х		х	Х	Х	х											
5.																		Х	Х				
6. 409	FORKLIFT TRUCK OPERATION (3 DAYS) A-690-0068 (GAS/ELECTRIC) SPONSOR: 9 REF: SUPPLY CONFERENCE 4 - 6 DEC 1990; OP-																	X	X	X	X	X	

SUPPLY DEPARTMENT	S U P P L Y O F F I C E R	JR SÜPPLY OFFICER	C H I E F S T E W A R D	S E C O N D S T E W A R D	T H I R D S T E W A R D	S T E W A R D C O O K	ст-шн соок	SECORD COOK	T H I R D C O O K	СООК ВАКЕ R	N I G H T COOK BAKER	SECOND COOK BAKER	A S S T C O O K	T H I R D P A N T R Y M A N	L A U N D R Y M A N	A S S T L A U N D R Y M A N	YEOMAN STOREKEEPER	ASST STOREKEEPER	GALLEYMAN	U T I L I T Y M A N	MESSMAN	
7. MSC SUPPLY OFFICER SCHOOL (MSC MODIFIED MODULE (16 WEEKS) SPONSOR: 48 REF: SUPPLY CONFERENCE 4-6 DEC 90	R	R	X														Х					
8. SUPPLY ACCOUNTING CLASS (SAC 224) (5 DAYS) SPONSOR: 48 AND MSCMIDLANT, NORFOLK, VA REF: SUPPLY CONFERENCE 4 - 6 DEC 90	R	R															R					
9. COORDINATED SHIPBOARD ALLOWANCE LIST (COSAL) USE AND MAINTENANCE (4 DAYS) SPONSOR: 48 REF: SUPPLY CONFERENCE 4 - 6 DEC 1990	R	R															R					
10. SUPPLY MANAGEMENT (15 DAYS) (BASIC) SPONSOR: 48 REF: N4 CC MAIL - 11/02/92			Х		Х	Х		Х									R	Х				
11. SUPPLY MANAGEMENT (ADVANCE) (15 DAYS) SPONSOR: 48 REF: COMSCINST 4000.2			Х		Х	Х	X	х									R	Х				
12. AMMUNITION ADMINISTRATION (5 DAYS) J-041-0103 ONE/SHIP REQUIRED (DECK OR SUPPLY) ON THOSE SHIPS CARRYING AMMO. SPONSOR: 4, 5, 6, 7, 8, AND 45	Х																					

SUPPLY DEPARTMENT	S U P P L Y O F F I C E R	JR SÜPPLY OFFICER	C H I E F S T E W A R D	S E C O N D S T E W A R D	THIRD STEWARD	ST E W A R D COOK	от-шн соох	SECOR COOK	ТНІКО СООК	СООК ВАКЕК	NIGHT COOK BAKER	SECOND COOK BAKER	A S S T COOK	THIRD PANTRYMAN	LAUZZAZ	ASST LAUNDRYMAN	YEOMAN STOREKEEPER	ASST STOREKEEPER	G A L L E Y M A N	U T I L I T Y M A N	M H S S M A N	
13. FLEET OPTICAL SCANNING AMMUNITION MARKING SYSTEMS OPERATOR (5 DAYS) J-041-0185 REQUIRED FOR AE ONE/SHIP (DECK OR SUPPLY) SPONSOR: 4 AND 75																	X	Х				

RADIO OFFICERS PURSERS MEDICAL SERVICES OFFICERS	SUPPLY OFFICER X	CHIEF RADIO OFFICER X	F I R S T A S S T R A D I O O F F I C E R	R A D I O E L E C T R O N I C O F F I C E R	P U R S E R	JR PURSER		MEDICAL SERVICES OFFICER							
CUSTODIAN REQUIRED FOR SHIPS W/CSMS MATERIAL (5 DAYS) A-4C-0014 SPONSOR: 3, 4, 5, 6, 7, AND 8		~													
2. RADAR/RACAS MAINTENANCE (20 DAYS) SPONSOR: RAYTHEON CO, MANCHESTER, NH AND SAN DIEGO, CA REF: RAYTHEON CO, IN ORDER FOR WARRANTY TO REMAIN VALID	Х	х	Х												
3. INMARSAT SATELLITE COMMUNICATIONS OPERATIONS AND MAINTENANCE (5 DAYS) SPONSOR: MAGNAVOX, TORRANCE, CA	Х	Х	Х												
4. HIGH FREQUENCY SIMPLEX TELETYPE OVER RADIO (SITOR) OPERATIONS AND MAINTENANCE (5 DAYS) SPONSOR: R.F. HARRIS, ROCHESTER, NY	Х	Х	Х												
5. FOOD SERVICES SANITATION INSTRUCTOR CERTIFICATION (5 DAYS) B-322-2101 MUST RECERTIFY EVERY 3 YEARS B-322-2102 SPONSOR: 32, 33, 34, AND 35							R								
<ul> <li>6. SHIPBOARD PEST MANAGEMENT (2 DAYS) B-322-0075 MUST BE RECERTIFIED EVERY 3 YEARS SPONSOR: 31, 32, 33, AND 34 REF: NAVMED P-5010-8</li> </ul>							R								

RADIO OFFICERS PURSERS MEDICAL SERVICES OFFICERS	SUPPLY OFFICER	C H I E F R A D I O O F F I C E R	FIRST ASST RADIO OFFICER	R A D I O E L E C T R O N I C O F F I C E R	PURSER	שהמבט אל		MEDICAL SERVICES OFFICER							
<ul> <li>7. REFRESHER TRAINING FOR SURFACE FORCE INDEPENDENT DUTY CORPSMAN (6 WEEKS) B-300-0033 RECERTIFY EVERY 3 YEARS.</li> <li>COMPLETION OF REFRESHER TRAINING FOR THIS COURSE SATISFIES THE REQUIREMENT FOR COURSES 6 AND 8 THROUGH 20. SPONSOR: NAVAL SCHOOL OF HEALTH SCIENCES, PORTSMOUTH, VA OR SAN DIEGO, CA REF: COMSCINST 6000.1</li> </ul>								R							
<ol> <li>HEALTH ASPECTS OF MARINE SANITATION DEVICES (1 DAY) B-322-2130 MUST RECERTIFY EVERY 3 YEARS (PART OF REFTRA) SPONSOR: 33 REF: NAVMED P-5010; OPNAVINST 5090.1</li> </ol>								R							
9. HAZARDOUS MATERIAL INFORMATION SYSTEM (1 DAY) B-322-2360 SPONSOR: 32, 33, 34, AND 35 REF: OPNAVINST 5100.19B								R							
10. HEARING CONSERVATION AFLOAT (1 DAY) B-322-2310 RECERTIFY EVERY 3 YEARS SPONSOR: 32, 33, 34, AND 35 REF: OPNAVINST 5100.19B								R							
<ol> <li>FUNDAMENTALS OF RESPIRATORY PROTECTION (1 DAY) B-322-2340</li> <li>SPONSOR: 32, 33, 34, AND 35</li> <li>REF: COMSCINST 5100.17B; OPNAVINST 5100.19B</li> </ol>								R							
12. HEAT STRESS AFLOAT (1 DAY) B-322-2320 SPONSOR: 32, 33, 34, AND 35; RECERTIFY EVERY 3 YRS REF: COMSCINST 5100.17B; OPNAVINST 5100.19B								R							

RADIO OFFICERS PURSERS MEDICAL SERVICES OFFICERS	S U P P L Y O F F I C E R	C H I E F R A D I O O F F I C E R	FIRST ASST RADIO OFFICER	R A D I O E L E C T R O N I C O F F I C E R	P U R S E R	JR PURSER		MEDICAL SERVICES OFFICER							
<ul> <li>13. TUBERCULOSIS CONTROL PROGRAM (1 DAY)</li> <li>B-322-2241; RECERTIFY EVERY 5 YEARS (PART OF RETRA)</li> <li>SPONSOR: 32, 34, AND 35</li> <li>REF: NAVMEDCOMINST 6224.1 SERIES</li> </ul>								R							
<ul> <li>14. ASBESTOS HAZARDS AND CONTROL PROGRAM</li> <li>(1 DAY) B-322-2331 RECERTIFY EVERY 3 YEARS</li> <li>SPONSOR: 32 AND 33</li> <li>REF: OPNAVINST 5100.19B</li> </ul>								R							
15. EPIDEMIOLOGY AND INFECTIOUS DISEASE AFLOAT (1 DAY) B-322-2205 - MUST RECERTIFY EVERY 3 YEARS SPONSOR: 33 REF: COMSCINST 6000.1								R							
16. VIRAL HEPATITUS (1 DAY) B-322-2240 RECERTIFY EVERY 5 YEARS SPONSOR: 32, 34, AND 35 REF: COMSCINST 6000.1								R							
17. WATER ANALYSIS, MEMBRANE FILTER TECHNIQUE (1 DAY) B-322-2503 MUST RECERTIFY EVERY 3 YEARS SPONSOR: 32, 33, 34, AND 35 REF: NAVMED P-5010-6								R							
18. WATER SANITATION AFLOAT (1 DAY) B-322-2120 RECERTIFY EVERY 3 YEARS (PART OF REFTRA) SPONSOR: 32, 33, 34, AND 35 REF: NAVMED P-5010-6								R							

RADIO OFFICERS PURSERS MEDICAL SERVICES OFFICERS	S U P P L Y O F F I C E R	C H I E F R A D I O O F F I C E R	FIRST ASST RADIO OFFICER	RADIO ELECTRONIC OFFICER	PURSER	JR PJRSER		MEDICAL SERVICES OFFICER							
19. SEXUALLY TRANSMITTED DISEASES; EPIDEMIOLOGY, DIAGNOSIS, TREATMENT, AND INTERVIEWING TECHNIQUE (1 DAY) (PART OF REFTRA) (B-32202220) RECERTIFY EVERY 5 YEARS SPONSOR: 32, 33, 34, AND 35 REF: COMSCINST 6000.1								R							
20. LABORATORY INDOCTRINATION REFRESHER OR EQUIVALENT (5 DAYS) B-322-2590 FOR WESTPAC SHIPS (PART OF REFTRA) SPONSOR: 33								R							
21. CPR INSTRUCTOR (16 HOURS) SPONSOR: AMERICAN RED CROSS AND AMERICAN HEART ASSOCIATION								Х							
								R							

	D A M A G E C O N T R O L O F F I C E R Y	A S S T D C O F F I C E R	D A M A G E C O N T R O L M A N											
<ol> <li>GAS FREE ENGINEER AND GAS FREE ENGINEERING PETTY OFFICER FOR SURFACE (AFLOAT)</li> <li>OPERATIONS (5 DAYS) A-495-0051 SPONSOR: 3, 4, 7, 9, AND 10</li> </ol>	Х	X	X											
2. COMMUNCIATIONS SECURITY MATERIAL SYSTEMS (CSMS) CUSTODIAN (5 DAYS) A-4C-0014	X													
3. AFLOAT SAFETY OFFICER (10 DAYS) A-4J-0020 SPONSOR: NEWPORT RI AND OTHERS	X	X	X											
4. SMALL ARMS WATCHSTANDER QUALIFICATIONS (ASHORE/AFLOAT) INSTRUCTOR (12 DAYS) J-041-0148 REQUIRED FOR SMALL ARMS INSTRUCTOR DESIGNEE SPONSOR: 4 AND 47	X	X	Х											
5. DAMAGE CONTROL P-250 PORTABLE EMERGENCY PUMP OPERATION AND MAINTENANCE (5 DAYS) (VARIOUS COURSES) SPONSOR: 2, 3, 4, 5, 6, 7, 8, 9, AND 10	Х	Х	х											
6. FOAM GENERATING SYSTEM OPERATIONS AND MAINTENANCE (9 DAYS) A-495-2179 SPONSOR: 3 AND 4	Х	Х	X				R							

DAMAGE CONTROL PERSONNEL	DAMAGE CONTROL OFFICER	A S S T D C O F F I C E R	D A M A G E C O N T R O L M A N										
<ol> <li>SHIPBOARD INSTRUCTOR (5 DAYS) A-012-0023 OR EQUIVALENT APPROVED BY AREA COMMAND SPONSOR: 3 AND 12</li> </ol>	X	X	Х										
<ol> <li>BASIC CHEMICAL, BIOLOGICAL, RADIOLOGICAL DEFENSE (CBR-D) (DAYS TBD) A-495-0421 SPONSOR: 3, 4, 5, 6, 7, 8, 9, AND 10</li> </ol>	X	X	X										
9. FIREFIGHTING INSTRUCTOR (6 WEEKS) SPONSOR: 3 AND 9 REF: CMPI 410.2-2F(1)	R												
10. MARINE FIREFIGHTING AND EMERGENCY TRAINING COURSE (5 DAYS) SPONSOR: 61	X												
11. FUNDAMENTALS OF MARINE DIESEL SYSTEMS FOR LICENSED ENGINEERS AND DECK OFFICERS (5 DAYS) SPONSOR: 63	X	X	X										

DAMAGE CONTROL PERSONNEL 12. BASIC SUPPLY MANAGEMENT (15 DAYS)	D A M A G E C O N T R O L O F F I C E R X	ASST DC OFFICERX	DAMAGE CONTROLMANX										
SPONSOR: 48		~	~										
13. COORDINATED SHIPBOARD ALLOWANCE LIST (5 DAYS) SPONSOR: 1 AND 2	Х		Х										
14. SEAMANS HEALTH IMPROVEMENT PROGRAM (SHIP). RECERTIFY EVERY 3 YEARS. NOTE: CONTACT AREA COMMAND TRAINING OFFICE FOR APPROVED SITES. OR	x	X	x										
15. INTERMIDIATE EMERGENCY MEDICAL TECHNICIAN. REQUIRED FOR DCA (MEDICAL). rECERTIFY EVERY 3 YEARS. NOTE: CONTACT AREA COMMAND TRAINING OFFICE FOR APPROVED SITES. OR	x	x	Х										
16. SHIPBOARD MEDICAL CARE (2-4 WEEKS) RECERTIFY EVERY 3 YEARS, REQUIRED ONE/SHIP W/O MSO SPONSOR: 62 AND 73	Х	Х	Х										

DAMAGE CONTROL PERSONNEL	DAMAGE CONTROL OFFICER	ASST DC OFFICER	D A M A G E C O N T R O L M A N										
17. STANDARD TENSION ALONG SIDE METHOD STREAM OPERATOR (12 DAYS) A-060-0025 SPONSOR: 9 REF: NWP 14			Х										
18. MAGAZINE SPRINKLER SYSTEMS OPERATIONS MAINTENANCE AND REPAIR (5 DAYS) K-041-2048 ONE REQUIRED FOR SHIPS W/MAGAZINES (DECK OR ENGINE) SPONSOR: 3, 4, 6, AND 7	X	х	х										
19. HELICOPTER OPERATIONS INDOCTRINATION (3 DAYS) E-2G-0200 REQUIRED FOR HCO DESIGNEES SPONSOR: 21 OR	Х	Х	Х										
20. HELICOPTER FAMILIARIZATION (5 DAYS) D-2G-0038 SPONSOR: 24 OR	X	х	Х										
21. HCO/FDO HELICOPTER OPERATIONS INDOCTRINATION (3 DAYS) 3-2G-0201 SPONSOR: HSL 22	Х	Х											

### **UPGRADE TRAINING SCHOOLS**

### DECK AND ENGINE PROGRAMS

MARINE SAFETY CONSULTANTS, Tidewater School of Navigation, 100 West Plume St. Suite 208, Norfolk, VA 23510, Tel: (804) 625-7004

HOUSTON MARINE TRAINING SERVICES, 1600 20th St., Kenner, LA 70062, Tel: 1-800-535-8803

MARITIME PROFESSIONAL MASTERS, MATES AND ENGINEERS TRAINING, 2256 S.E. 17th St, Fort Lauderdale, FL 33316, Tel: (305) 525-1014

HAMPTON ROADS MARITIME TRAINING CENTER, 207 Granby St., Suite 307, Norfolk, VA 23510, Tel: (804) 625-2126

NORTHEAST MARITIME INC., 105 William St., 3rd Floor, New Bedford, MA 02740, Tel: (508) 992 - 4025

# DECK ONLY

SEAMAN'S CHURCH INSTITUTE, 241 Water St, New York, NY 10038, Tel: (212) 349-9090

CRAWFORD'S NAUTICAL SCHOOL, 222 Queen Anne Ave., North, Seattle, WA 98109, Tel: (206) 283-0191

MARITIME INSTITUTE OF TECHNOLOGY AND GRADUATE STUDIES, 5700 Hammonds Ferry Road, Linthicum Heights, MD 21090, Tel: (301) 859-5700

### MARITIME ACADEMIES

At the time of entrance into an academy, applicants for Maritime Academies should normally meet the physical and educational requirements, must be between the ages of 17-24 if not a veteran or must be under the age of 27 if a veteran. Applicants may communicate directly with any of the following institutions for specific information relating to programs and eligibility requirements.

# **U.S. MERCHANT MARINE ACADEMY**

Superintendent United States Merchant Marine Academy Kings Point, NY 11024

# STATE ACADEMIES

President New York State Maritime College Fort Schuyler, NY 10465` President Massachusetts Maritime Academy Buzzards Bay, MA 02532

Superintendent Maine Maritime Academy Castine, ME

Superintendent Texas Maritime Academy Galveston, TX 77550 President California Maritime Academy Vallejo, CA 94591

Director Maritime Programs Northwestern Michigan College Great Lakes Maritime Academy Traverse City, MI 49684