

COMSCINST <b>12410.25B</b>	COG CODE <b>N13</b>	DATE <b>21 FEB 1994</b>
----------------------------	---------------------	-------------------------



**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. Purpose. 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).

21 February 1994

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.

COMSCINST 12410.25B

21 February 1994

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

21 February 1994

**SPONSOR'S CODES**

Use with enclosures (2) through (7).

<b>CODE NO.</b>	<b>SPONSOR'S CODES</b>
<b>US NAVY FACILITIES</b>	
1	COMMANDER, MILITARY SEALIFT COMMAND, PACIFIC
2	COMMANDER, MILITARY SEALIFT COMMAND, ATLANTIC
3	CO, FLEET TRAINING CENTER, NORFOLK, VA
4	CO, FLEET TRAINING CENTER, SAN DIEGO, CA
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 ISLAND, SAN FRANCISCO, CA
10	CO, NAVAL DAMAGE CONTROL TRAINING CENTER, PHILADELPHIA, 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 DIEGO, 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 AMPHIBIOUS SCHOOL, CORONADO, CA
20	CO, NAVAL AMPHIBIOUS SCHOOL, LITTLE CREEK, VA
21	CO, HC3 (FRAMP), NAS, NORTH ISLAND, SAN DIEGO, 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	CO, EXPLOSIVE ORDNANCE DETACHMENT, MOFFITT FIELD, CA
28	CO, EXPLOSIVE ORDNANCE DETACHMENT, GUANTANAMO BAY CUBA
29	CO, NAVAL SEA SYSTEMS COMMAND, SAFETY SCHOOL, NORFOLK, VA
30	OIC, NAVAL AIR MAINTENANCE TRAINING DET., NAS, SAN DIEGO, CA
30a	OIC, NAVAL AIR MAINTENANCE TRAINING DET., NAS, NORFOLK, VA
31	RESERVED
32	NAVY ENVIRONMENTAL AND PREVENTIVE MEDICINE UNIT (NEPMU) NO. 2, NORFOLK, VA
33	NEPMU NO. 5, SAN DIEGO, 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 TRANSPORTATION MANAGEMENT SCHOOL, OAKLAND, CA
38	CO, NAVAL UNDERSEA MEDICAL INSTITUTE, GROTON, CT
39	CO, NAVAL SURFACE FORCE, U.S. ATLANTIC FLEET, NORFOLK, VA
40	CO, MILITARY OCEAN TERMINAL, BAYONNE, NJ
41	CO, NORFOLK, NAVAL SHIPYARD, PORTSMOUTH, VA
42	CO, HEALTH SCIENCE EDUCATION AND TRAINING COMMAND, BETHESDA, MD
43	COMSCMED, MEDICAL REPRESENTATIVE, NAPLES, ITALY

Enclosure (1)

## COMSCINST 12410.25B

21 February 1994

44 MSCO, MEDICAL REPRESENTATIVE, NORFOLK, VA  
45 FLEET COMBAT TRAINING CENTER ATLANTIC, DAM NECK, VIRGINIA BEACH, VA  
46 FLEET ANTI-SUBMARINE WARFARE TRAINING CENTER, ATLANTIC, 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 DIX, 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 CALIFORNIA MARITIME ACADEMY, VALLEJO, CA  
63 U.S. MERCHANT MARINE ACADEMY, KINGS POINT, NY  
64 MAINE MARITIME ACADEMY, CASTINE, ME  
65 CALIFORNIA MARITIME ACADEMY, RADAR SCHOOL, SAN FRANCISCO, CA  
66 STATE UNIVERSITY OF NEW YORK, MARITIME COLLEGE, FT SCHUYLER, BRONX, NY  
67 MASSACHUSETTS MARITIME ACADEMY, BUZZARDS BAY, MA  
68 GREAT LAKES MARITIME ACADEMY, TRAVERSE CITY, MI  
69 DELGADO COMMUNITY COLLEGE, NEW ORLEANS, LA  
70 RESERVED  
71 RESERVED

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

72 M.M.&P MARITIME ADVANCEMENT TRAINING, EDUCATION AND SAFETY PROGRAM (RADAR SCHOOL), SEATTLE WA  
73 M.M.&P MARITIME INSTITUTE OF TECHNOLOGY AND GRADUATE STUDIES, LINTHICUM HEIGHTS, MD  
74 SIU HARRY LUNDBERG SCHOOL OF SEAMANSHIP, PINEY POINT, MD  
75 AMO SCHOOL OF ENGINEERING, DANIA, FL  
76 THE CALHOON MEBA ENGINEERING SCHOOL, EASTON, MD  
77 DISTRICT 2, MEBA-AMO, TOLEDO, OH  
78 RAYTHEON OCEAN SYSTEM CO., EAST PROVIDENCE, RI  
79 SEAMENS CHURCH INSTITUTE, NEW YORK, NY  
80 MARINE SAFETY INTERNATIONAL, NEW YORK, NY  
81 HOBART SCHOOL OF WELDING TECHNOLOGY, TROY, OH  
82 TIDEWATER CENTER FOR LIFE SUPPORT TRAINING, NORFOLK, VA

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

<b>COURSE TITLE AND SPONSOR</b>	<b>ELIGIBILITY</b>
<b>REQUIRED:</b>	
1. Basic Fire Fighting (3 days) Sponsor: 1 and 2 Ref: OPNAVINST 3541.1D; CMPI 410, para 1-3.G	All CIVMAR personnel shall take this course at least once. Unlicensed personnel will take this course every 3 years.
2. Damage Control (2-5 days) Sponsor: 1 and 2 Ref: CMPI 410	All CIVMAR personnel shall take this course every 3 years.
3. Advanced Fire Fighting (3-6 days) Sponsor: 1 and 2 Ref: 46 CFR; and CMPI 410	All Licensed Officers every 3 years in lieu of Basic FF. Other key designated personnel may attend.
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).	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 pre-designated team.
5. Chemical, Biological and Radiological Defense (CBR-D) (1-5 days) Sponsor: 1 and 2	All CIVMAR personnel shall take this course at least once.
6. Liferaft Instruction (5-10 days) Sponsor: 1 and 2 Ref: COMSCINST 12410.32	All hands assigned to USNS MERCY and USNS COMFORT. Also required for specified military personnel assigned as MTF.
7. Small Arms Training (3-5 days) Sponsor: 1, 2, 16, 47, 55, 56 and other facilities Ref: COMSCINST 3121.9, COMSCINST 5530.3	Personnel as required by COMSCINST 3121.9. Training required annually.

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

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



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

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

**GENERAL TRAINING FOR CIVMAR PERSONNEL  
REQUIRED FOR RECOMMENDED**

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















## GENERAL TRAINING

### Deck Department

	MASTER	MASTER UNREPP	FIRST OFFICER	* FIRST/SECOND OFFICER CARGO	CHIEF OFFICER CABLE	SECOND OFFICER	THIRD OFFICER	BOATSWAIN	BOATSWAIN UNREPP	BOATSWAIN MATE	BOATSWAIN MATE RIG CAPT	CARPENTER	CARPENTER/MAINTENANCE	QUARTERMASTER	ABLESEAMAN	ABLESEAMAN MAINTENANCE	ORDINARY SEAMAN																					
11. COORDINATED SHIPBOARD ALLOWANCE LIST (5 DAYS) SPONSOR: 1 AND 2	X	X	X	X	X																																	
12. NATIONAL SEALIFT PROGRAM (5 DAYS) SPONSOR: 63	X		X																																			
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	X		X			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	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	X		X	X																																		

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

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

<p style="text-align: center;"><b>SUPPLY DEPARTMENT</b></p>	S U P P L Y  O F F I C E R	J R  S U P P L Y  O F F I C E R	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	C H I E F  C O O K	S E C O N D  C O O K	T H I R D  C O O K	C O O K  B A K E R	N I G H T  C O O K	S E C O N D  C O O K	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	L A U N D R Y M A N	Y E O M A N  S T O R E K E E P E R	A S S T  S T O R E K E E P E R	G A L L E Y M A N	U T I L I T Y M A N	M E S S M A N		
1. SHIPBOARD PEST MANAGEMENT (2 DAYS) B-322-1075 (RECERTIFIED EVERY THREE YEARS) SPONSOR: 32, 33, 34, AND 31 REF: BUMEDINST 6250.13A			R		X	R	R	X	X	X	X			X									
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 4000.2	X	X	R	R	R	R	R	R	R	R	R	R	R	R	R	X	X		R	R	R		
3. FOOD SERVICE SANITATION INSTRUCTOR B-322-2101 (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			X	X	X	X		X															
4. FUNDAMENTALS OF COOKING AND BAKING (14 DAYS) SPONSOR: COORDINATE THROUGH 1 AND 2			X			X		X	X	X	X												
5. FORKLIFT TRUCK OPERATION (5 - 10 DAYS) ELECTRIC, SIDELIFT, ETC) SPONSOR: 15, 16, 17, AND 18 REF: SUPPLY CONFERENCE 4- 6 DEC 1990																	X	X					
6. FORKLIFT TRUCK OPERATION (3 DAYS) A-690-0068 (GAS/ELECTRIC) SPONSOR: 9 REF: SUPPLY CONFERENCE 4 - 6 DEC 1990; OP- 4098; NWP 14; OPNAV 8023.2; OP-4; OP-5; OPNAV 3345; OPNAV 2173																	X	X	X	X	X		





<p style="text-align: center;"><b>RADIO OFFICERS PURSERS MEDICAL SERVICES OFFICERS</b></p>	SUPPLY OFFICER	CHIEF RADIO OFFICER	FIRST ASSISTANT RADIO OFFICER	RADIO ELECTRONIC OFFICER					PURSER	JR PURSER													
1. COMMUNICATION SECURITY MATERIAL SYSTEMS CUSTODIAN REQUIRED FOR SHIPS W/CSMS MATERIAL (5 DAYS) A-4C-0014 SPONSOR: 3, 4, 5, 6, 7, AND 8	X	X																					
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	X	X	X																				
3. INMARSAT SATELLITE COMMUNICATIONS OPERATIONS AND MAINTENANCE (5 DAYS) SPONSOR: MAGNAVOX, TORRANCE, CA	X	X	X																				
4. HIGH FREQUENCY SIMPLEX TELETYPE OVER RADIO (SITOR) OPERATIONS AND MAINTENANCE (5 DAYS) SPONSOR: R.F. HARRIS, ROCHESTER, NY	X	X	X																				
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													
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										R													

















## **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`

Superintendent  
Maine Maritime Academy  
Castine, ME

Superintendent  
Texas Maritime Academy  
Galveston, TX 77550

President  
Massachusetts Maritime Academy  
Buzzards Bay, MA 02532

President  
California Maritime Academy  
Vallejo, CA 94591

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