

## **USCG Approved Rating Forming Part of an Engineering Watch Programs**

### **California Maritime Academy - Cadet Program**

P.O. Box 1392

Vallejo CA 94590-0644  
E-Mail: Web Page:

#### **COURSE**

#### **APPROVAL**

#### **THIRD ASSISTANT ENGINEER PROGRAM**

Any engine cadet successfully completing the entire four-year undergraduate Third Assistant Engineer program presenting your Training Record Book with all required assessments and entries completed will:

- 1) Satisfy the training requirements of 46 CFR 10.901(c)(2) and Table A-III/1 of the STCW Code, for Officer in Charge of a Engineering Watch in a Manned Engine Room or Designated Duty Engineer in a Periodically Unmanned Engine Room; AND
- 2) Satisfy the training requirements of 46 CFR 12.15-3(e) and Table A-III/4 of the STCW Code for Rating Forming Part of an Engineering Watch; AND
- 3) Satisfy the Basic and Advanced Fire Fighting training requirements of 46 CFR 10.205(g) and 10.401(g)(1) for a license; the Advanced Fire Fighting training requirements of Section A-VI/3 and Table A-VI/3 of the STCW Code; and the Fire Fighting training requirements of 46 CFR 13.113(d)(2)(i)(A), 13.113(e)(1)(i)(A) or (B), 13.201(e), 13.301(e), 13.401(e) or 13.501(e) for any tankerman endorsement; AND
- 4) Satisfy the First Aid & CPR training requirements of 46 CFR 10.205(h)(1)(ii) and (h)(2)(iii); AND
- 5) Satisfy the requirements of 10.516(a)(3)(iv) and may examine for a license as Third Assistant Engineer Mate of Steam or Motor Vessels of Any Horsepower; AND
- 6) Satisfy the service requirements of 46 CFR 12.15-7(b)(1) and the examination requirements of 46 CFR 12.15-9 and may be issued an endorsement as Qualified Member of the Engine Department – Any Rating; AND
- 7) Satisfy the Personal Survival training requirements of Section A-VI/1 of the STCW Code and 46 CFR 10.205(l)(1); AND
- 8) Satisfy the Fire Prevention and Fire Fighting training requirements of Section A-VI/1 of the STCW Code and 46 CFR 10.205(l)(2); AND
- 9) Satisfy the Elementary First Aid training requirements of Section A-VI/1 of the STCW Code and 46 CFR 10.205(l)(3); AND
- 10) Satisfy the Personal Safety & Social Responsibilities training requirements of Section A-VI/1 of the STCW Code and 46 CFR 10.205(l)(4); AND
- 11) Satisfy the Medical First Aid training requirements of Section A-VI/4 and Table A-VI/4-1 of the STCW Code; AND
- 12) Satisfy the training and examination requirements of 46 CFR 12.10-3(a)(6) and 12.10-5 and may be issued an endorsement as Lifeboatman and the Proficiency in Survival Craft requirements of Section A-VI/2 and Table A-VI/2-1 of the STCW Code; AND
- 13) Satisfy the requirements of Section A-VI/2 and Table A-VI/2-1 of the STCW Code for Fast Rescue Boats.

### **Military Sealift Command**

Afloat Personnel Management Office  
P.O. Box 120  
Virginia Beach VA 23458-0120  
E-Mail: Jay.Jepson@msceast.msc.nav Web Page:

#### **COURSE**

#### **APPROVAL**

#### **RATING FORMING PART OF AN ENGINEERING**

Any Applicant who successfully completed your Rating Forming part of a Engineering Watch Program will satisfy the Service, Training and Assessment requirements of 46 CFR 12.15-3(d), 46 CFR 12.15-7(c), and Section A-III/4 and Table A-III/4 of the STCW code, Specification of Minimum Standard of Competence for Ratings Forming Part of an Engine Watch For Motor and/or Steam Propulsion. The specific propulsion mode(s) the applicant qualifies for will be noted on the certificate of training.

# USCG Approved Rating Forming Part of an Engineering Watch Programs

## Seafarers Harry Lundeberg School of Seamanship

P.O. Box 75

Piney Point

MD 20674-

(301) 994-0010

E-Mail: [education@seafarers.org](mailto:education@seafarers.org)

Web Page: <http://www.seafarers.org>

### COURSE

### APPROVAL

#### **BASIC AUXILIARY PLANT OPERATION**

Any applicant who has successfully completed your 140-hour Basic Auxiliary Plant Operations course and who presents your Certificate of Training WITHIN ONE YEAR of the completion of training, will be granted 90 days of sea service and will satisfy the examination requirements of 46 CFR 12.15-9 for the General Safety (80XXX) examination module, PROVIDED they have also completed EITHER your 63-hour Basic Motor Plant Operations course and/or your 70-hour Basic Steam Plant Operations course. Successful completion of this course will be accepted as the equivalent of the following assessments from the National Assessment Guidelines for Table A-III/4 of the STCW Code: RFPEW-1-1A, RFPEW-1-1B/1, RFPEW-1-1B/2, RFPEW-1-1C/1, RFPEW-1-1C/2, RFPEW-1-1D, RFPEW-1-1E, RFPEW-1-1F, RFPEW-1-1G, RFPEW-1-1H/1, RFPEW-1-1H/2, RFPEW-1-1K, RFPEW-1-2A, RFPEW-1-2B, RFPEW-1-2C, RFPEW-1-2D, RFPEW-1-2E, RFPEW-1-2F, RFPEW-1-3A, RFPEW-1-3B, RFPEW-1-3C, RFPEW-2-1A, RFPEW-2-1B, RFPEW-2-2A, RFPEW-2-3A, RFPEW-4-1A, RFPEW-4-2A, and RFPEW-4-2B. Applicants who have successfully completed this course need not present individually completed "Control Sheets" for the assessments in application for STCW certification.

#### **BASIC MOTOR PLANT OPERATIONS**

Any applicant who has successfully completed your 63-hour Basic Motor Plant Operations course and who presents your Certificate of Training WITHIN ONE YEAR of the completion of training, will satisfy the examination requirements of 46 CFR 12.15-9 for the Oiler (87XXX) examination modules, PROVIDED they have also completed your 140-hour Basic Auxiliary Plant Operations course. Successful completion of this course will be accepted as the equivalent of the following assessments from the National Assessment Guidelines for Table A-III/4 of the STCW Code: RFPEW-1-1A, RFPEW-1-1I/1, RFPEW-1-1J, RFPEW-2-1C, and RFPEW-2-2B. Applicants who have successfully completed your course need not present individually completed "Control Sheets" for the assessments in application for STCW certification.

#### **BASIC STEAM PLANT OPERATIONS**

Any applicant who has successfully completed your 70-hour Basic Steam Plant Operations course and who presents your Certificate of Training WITHIN ONE YEAR of the completion of training, will satisfy the examination requirements of 46 CFR 12.15-9 for the General Safety (80XXX), Fireman-Watertender (86XXX), and Oiler (87XXX) examination modules, PROVIDED they have also completed your 140-hour Basic Auxiliary Plant Operations course. Successful completion of this course will be accepted as the equivalent of the following assessments from the National Assessment Guidelines for Table A-III/4 of the STCW Code: RFPEW-1-1A, RFPEW-1-1I/2, RFPEW-2-2B, RFPEW-3-1A, RFPEW-3-1B, RFPEW-3-1C, RFPEW-3-1D, RFPEW-3-1E, RFPEW-3-1F, RFPEW-3-1G, and RFPEW-3-1H. Applicants who have successfully completed your course need not present individually completed "Control Sheets" for the assessments in application for STCW certification.

#### **RATING FORMING PART OF AN ENGINEERING**

Any applicant who has successfully completed your Ratings Forming Part of an Engineering Watch Assessment Program for Military Veterans will satisfy the assessment requirements of 46 CFR 12.05-3(c) and Section A-III/4 and Table A-III/4 of the STCW Code, Specification of Minimum Standard of Competence for Ratings Forming Part of an Engineering Watch, RESTRICTED to motor propulsion only. Applicants must present documentation of at least 6 months qualifying sea-going service performing engine room watchkeeping, maintenance, or repair functions under the direct supervision of the Officer in Charge.

## **USCG Approved Rating Forming Part of an Engineering Watch Programs**

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### **SeaRiver Maritime, Inc.**

SRM-EMB-4.051B

PO Box 1512

Houston

E-Mail:

TX 77002-1512 (713) 656-2598

Web Page:

### **COURSE APPROVAL**

#### **RATING FORMING PART OF AN ENGINEERING**

Any applicant successfully completing your SeaRiver Rating Forming Part of an Engineering Watch Program, including all practical assessments will satisfy the assessment requirements of Table A-III/4 of the Seafarers' Training, Certification and Watchkeeping (STCW) Code, Specification of Minimum Standard of Competence for Ratings Forming Part of an Engineering Watch. Mariners must submit documentation of at least six months service while assigned to duties in the engine room under the direct supervision of the Chief Engineer or officer in charge of the engineering watch. When the applicant is seeking certification in two or more propulsion modes, two-thirds of the required service must be on steam-propelled vessels to receive certification as an RFPEW on steam-propelled vessels.

### **Seattle Central Community College**

4455 Shilshole Avenue NW

Seattle

E-Mail:

WA 98107-4645 (206) 782-2647

Web Page: [#http://www.seattlecentral.org/maritime#](http://www.seattlecentral.org/maritime#)

### **COURSE APPROVAL**

#### **MARINE ENGINEERING TECHNOLOGY**

Any applicant successfully completing your Marine Engineering Technology Certificate program and presenting your Certificate of Training at a Regional Exam Center, will: (1) receive 90 days of sea service credit that can be applied towards the service requirements of 46 CFR 12.15-7 for QMED endorsements (applicants must present an additional 90 days of qualifying engine room sea service, and meet all other requirements before issuance of any QMED endorsements); --AND-- (2) receive 240 days of sea service credit that can be applied towards the service requirements of 46 CFR 10.524(b)(3) for a license as Designated Duty Engineer Limited – 1,000 Horsepower (applicants must present an additional 120 days of qualifying QMED service, complete the examination, and meet all other requirements before issuance of the license); --AND-- (3) satisfy the training and assessment requirements of 46 CFR 12.15-3(e) and Table A-III/4 of the STCW Code, Specification of Minimum Standard of Competence for Ratings Forming Part of an Engineering Watch provided that the applicant also presents evidence of at least 60 days of engine room watchkeeping service; --AND-- (4) satisfy the written examination requirements of 46 CFR 12.15-9 for endorsements as Oiler, Junior Engineer, Refrigerating Engineer, Electrician and Pumpman; --AND-- (5) satisfy the written examination requirements of 46 CFR 12.15-9 for an endorsement as Fireman/Watertender provided that the applicant presents evidence of at least 60 days of qualifying engine room sea service; --AND-- (6) the Survival Craft training requirements of Section A-VI/2 and Table A-VI/2-1 of the STCW Code provided the applicant presents evidence of completion of the elective course MGO 103 Survival Craft and they have also satisfied the requirements of Table A-VI/1-1 for Personal Survival Techniques and Table A-VI/1-3 for Elementary First Aid; --AND-- (7) satisfy the written and practical examination requirements of 46 CFR 12.10-5 for an endorsement as Lifeboatman provided the applicant presents evidence of completion of the elective course MGO 103 Survival Craft. Upon the presentation of 3 months of qualifying sea service, the Lifeboatman endorsement may be issued.

# USCG Approved Rating Forming Part of an Engineering Watch Programs

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## Tongue Point Job Corps Center

Seamanship Training Program  
37573 Hwy 30

Astoria

OR 97103-

(503) 325-8475

E-Mail:

Web Page:

### COURSE

### APPROVAL

#### **RATING FORMING PART OF AN ENGINEERING**

Any applicant successfully completing your QMED Training Program, including all practical assessment, and presenting your Certificate of Training at a Regional Exam Center, programs will satisfy the: (1) the training requirements of 46 CFR 12.15-7(b)(1), and is qualified for an MMD endorsed with QMED ratings of oiler, junior engineer, electrician, refrigerating engineer, and pumpman, provided 12.15-3 and 12.15-5 are satisfied; --AND- (2) the requirements of 46 CFR 12.15-7 (b)(2) and receive credit for one half of the sea service needed for a QMED Oiler endorsement PROVIDED they also present evidence of acquiring at least 90 days engine room service; --AND-- (3) the training requirements of 46 CFR 12.15-3(e), and Section A-III/4 and Table A-III/4 of the Seafarers' Training, Certification and Watchkeeping (STCW) Code, Specification of Minimum Standard of Competence for Ratings Forming Part an Engineering Watch, for service on vessels without propulsion steam boilers.

## Training Resources, Limited, Inc.

1400 Grizzly Peak

Berkeley

CA 94708-2202

(510) 704-8978

E-Mail: trlfor@aol.com

Web Page: #<http://www.maritimetraining.cc/#>

### COURSE

### APPROVAL

#### **QMED - FIREMAN/WATE RTENDER & OILER**

Any applicant who successfully completed your 159-hour Qualified Member of the Engine Department (QMED) course will satisfy the requirements of 46 CFR 12.15-7 (b)(2) and receive credit for 90 days of the sea service needed for a QMED Oiler and Fireman/Watertender endorsement PROVIDED they also present evidence of at least 90 days engine room service; AND if presented WITHIN ONE YEAR of the completion of training, satisfy the requirements of 46 CFR 12.15-9 for the General Safety, Fireman/Watertender, and Oiler examination modules.

## U.S. Army Transportation School

705 Read Street

Ft. Eustis

VA 23604-5389

(757) 878-6224

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Web Page:

### COURSE

### APPROVAL

#### **RATING FORMING PART OF AN ENGINEERING**

Active duty personnel and veterans having successfully completed the U.S. Army Military Occupational Specialty (MOS) course 88L Watercraft Operator RFPEW and U.S. Army Marine License requirements for a Class "A" vessel and presenting documentary evidence of six months service on sea going vessels powered by main propulsion machinery of 750 kW (1,000 HP) or more, will satisfy the following requirements: (1) will satisfy the written examination requirements of 46 CFR 12.15-9 for the General Safety 80XXX and the QMED -Oiler (motor only) 89XXX exam modules; AND (2) will satisfy the assessment requirements of Section A-III/4 and Table A-III/4 of the STCW Code restricted to service on motor propelled vessels that are not equipped with auxiliary and/or waste heat boilers and without distilling plants. Documentation of training completion may be shown on any of the following: DD Form 214, Certificate of Release or Discharge from Active Duty; NGB Form 22, Report of Separation and Record of Service; "AARTS" transcript; Enlisted Record Brief (ERB); Officer Record Brief (ORB); DA Form 4309, U.S. Army Marine License; DA Form 5673, U.S. Army Marine Certificate; or Transcript of U.S. Army Sea Service.

# **USCG Approved Rating Forming Part of an Engineering Watch Programs**

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## **U.S.M.M.A. Global Maritime & Transportation School**

United States Merchant Marine Academy

Kings Point

NY 11024-1699 (516) 773-5156

E-Mail: [gmats@usmma.edu](mailto:gmats@usmma.edu)

Web Page: [#http://www.usmma.edu/gmats#](http://www.usmma.edu/gmats#)

### **COURSE**

### **APPROVAL**

#### **QMED**

Any applicant successfully completing your 6-week Qualified Member of the Engine Department (QMED) course and presenting your Certificate of Training at a Regional Exam Center, will satisfy the requirements of 46 CFR 12.15-7(b)(2) and receive credit for one half of the sea service needed for a QMED-Oiler and Fireman/Watertender endorsement AND the examination requirements of 46 CFR 12.15-9(a) for QMED - Oiler and Fireman/Watertender endorsements.

# USCG Approved Rating Forming Part of an Engineering Watch Programs

## United States Merchant Marine Academy

Kings Point

NY 11024-1699

E-Mail:

Web Page:

### COURSE

### APPROVAL

#### **MARITIME OPERATIONS AND TECHNOLOGY**

Any midshipman successfully completing the entire four-year Maritime Operations and Technology program presenting your Training Record Book with all required assessments and entries completed will:

- 1) Satisfy the training requirements of 46 CFR 10.901(c)(1) and Table A-II/1 of the STCW Code, for Officer in Charge of a Navigational Watch on Ships of 500 Gross Tonnage or More; AND
- 2) Satisfy the training requirements of 46 CFR 12.05-3(c) and Table A-II/4 for Rating Forming Part of a Navigational Watch; AND
- 3) Satisfy the training requirements of 46 CFR 12.15-3(e) and Table A-III/4 of the STCW Code for Rating Forming Part of an Engineering Watch. Midshipmen who do not have service on vessels with steam propulsion plants will be restricted to motor and gas turbine propulsion;
- 4) Satisfy the Basic and Advanced Fire Fighting training requirements of 46 CFR 10.205(g) and 10.401(g)(1) for a license; the Advanced Fire Fighting training requirements of Section A-VI/3 and Table A-VI/3 of the STCW Code; and the Fire Fighting training requirements of 46 CFR 13.113(d)(2)(i)(A), 13.113(e)(1)(i)(A) or (B), 13.201(e), 13.301(e), 13.401(e) or 13.501(e) for any tankerman endorsement; AND
- 5) Satisfy the First Aid & CPR training requirements of 46 CFR 10.205(h)(1)(ii) and (h)(2)(iii); AND
- 6) Satisfy the requirements of 10.407(a)(2)(i) and may examine for a license as Third Mate of Ocean Steam or Motor Vessels of Any Gross Tons; AND
- 7) Satisfy the service requirements of 46 CFR 12.05-7(b)(1) and the written and practical examination requirements of 46 CFR 12.05-9 and may be issued an endorsement as Able Seaman - Unlimited; AND
- 8) Satisfy the service requirements of 46 CFR 12.15-7 for any QMED endorsement and may be permitted to examine for all Qualified Member of the Engine Department endorsements; AND
- 9) Satisfy the Bridge Resource Management training requirements of 46 CFR 10.205(o); AND
- 10) Satisfy the ARPA training requirements of 46 CFR 10.205(m)(1); AND
- 11) Satisfy the training requirements of 46 CFR 10.480 for endorsement as Radar Observer (Unlimited); AND
- 12) Satisfy the Personal Survival training requirements of Section A-VI/1 of the STCW Code and 46 CFR 10.205(l)(1); AND
- 13) Satisfy the Fire Prevention and Fire Fighting training requirements of Section A-VI/1 of the STCW Code and 46 CFR 10.205(l)(2); AND
- 14) Satisfy the Elementary First Aid training requirements of Section A-VI/1 and Table A-VI/1-3 of the STCW Code and 46 CFR 10.205(l)(3);
- 15) Satisfy the Personal Safety & Social Responsibilities training requirements of Section A-VI/1 of the STCW Code and 46 CFR 10.205(l)(4); AND
- 16) Satisfy the Medical First Aid training requirements of Section A-VI/4 and Table A-VI/4-1 of the STCW Code; AND
- 17) Satisfy the training and examination requirements of 46 CFR 12.10-3(a)(6) and 12.10-5 and may be issued an endorsement as Lifeboatman; AND
- 18) Satisfy the Proficiency in Survival Craft requirements of Section A-VI/2 and Table A-VI/2-1 of the STCW Code; AND
- 19) Satisfy the service requirements of 46 CFR 13.403(2) and the training requirements of 46 CFR 13.409 and may be issued an endorsement as Tankerman-Assistant DL; AND
- 20) Satisfy the training requirements of 46 CFR 13.209 or 13.309 for an endorsement as Tankerman-PIC (DL) or Tankerman-PIC (Barge)(DL). It will be necessary to provide evidence that the service and cargo transfer requirements of 46 CFR 13.203, 13.205, 13.303, and/or 13.305 have been satisfied before issuance of a Tankerman-PIC endorsement; AND
- 21) Satisfy the requirements of Table A-VI/2-2 of the STCW Code for Fast Rescue Boats PROVIDED they have completed your DN 300 – Fast Rescue Boats course; AND
- 22) Satisfy the training requirements of 46 CFR 13.409 and may be issued an endorsement as Tankerman-Assistant LG PROVIDED they have completed your DN450 - Tank Ship Liquefied Gases course; AND
- 23) Satisfy the training requirements of 46 CFR 13.209 or 13.309 for an endorsement as Tankerman-PIC (LG) PROVIDED they have completed your DN450 - Tank Ship Liquefied Gases course. It will be necessary to provide evidence that the service and cargo transfer requirements of 46 CFR 13.203, 13.205, 13.303, and/or 13.305 have been satisfied before issuance of a Tankerman-PIC endorsement; AND
- 24) Will be considered to have successfully demonstrated the competencies "Plan and Conduct a Passage and Determine Position: Thorough Knowledge of and Ability to Use ECDIS" of Table A-II/1 of the STCW Code and "Determine Position and the Accuracy of Resultant Position Fix: Position Determination Using ECDIS With Specific Knowledge of its Operating Principles, Limitations, Sources of Error, Detection of Misrepresentation of information and methods of Correction to Obtain Accurate Position Fixing" of Table A-II/2 of the STCW Code PROVIDED they have completed your 50-hour course The Operational Use of ECDIS.