



BLUEPRINT TO MARINER

This Blueprint to Mariner provides a guide to USCG licensure and a detailed guide for Navy personnel (active duty & reserve) to seek funding for USCG licensure (i.e. via Navy COOL or GI Bill)

*U.S. Coast Guard
Licensure Process –
and – Available
Funding Processes*

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This document was developed jointly between the U.S. Navy's Credentials Program Office/Navy COOL, the U.S. Coast Guard's MK Rating Force Master Chief, and the U.S. Army Transportation School Maritime & Intermodal Training Department



The United States is a sea-going Nation that is dependent upon a sea-going economy. The United States Navy is a principle instrument of our Nation's power and serves to ensure the merchant fleet has open and safe access to trading ports. Thus, the naval ships and the Navy's workforce are national assets. Similarly, the U.S. flagged merchant fleet and U.S. Merchant Mariners are also national assets.

The purpose of the guide is to introduce you to a process that will allow you to capitalize on your training and experience as you transition from the Navy into the Merchant fleet. It is not intended to supplant guidance from the National Maritime Center (NMC).

Merchant Mariner credentials are issued by the Federal Government via the National Maritime Center (NMC). It is important to understand that the requirements are established in law and NMC cannot grant test approval unless the applicant meets the written standards. In a general sense, there are two merchant fleets; national credentialed and international endorsed. National endorsements can be used for positions including passenger for hire vessels, charter boats, offshore supply vessels, tow boats and domestic operations. The international endorsements are referenced as meeting the Standards of Training, Certification, and Watchkeeping for Seafarers (STCW). STCW endorsements grant greater employment flexibility and are highly desired by employers working with large cargo vessels, international tows, tankers, and cruise ships. Small and large vessels are used in both areas of operation so the "best" choice will depend on your personal goals and where you want to work. This will require you to conduct a bit of research so you can tailor your request to the job's requirement.

The Military-to-Mariner challenge is demonstrating that a military member's experience and training meet the standards required for a mariner credential. If your military record is incomplete and does not show adequate position responsibilities, the assessor at NMC will not have the ability to authorize as high a test (national position) as would be possible with a complete record. One method to ensure you receive maximum credit for their training is to map the record to the STCW assessment that correlates to the national position. The requirements are on NMC's website which includes sea-time responsibilities and general requirements. It is important to note that increasing credentialing grades requires experience in positional responsibilities. That mean you can earn your credential, complete another Navy sea-tour and upgrade you credential. Similar to USMAP, you complete requirements by the very nature of your military tasking. However, waiting until you are ready to transition could significantly limit your level of credential.

The merchant fleet can be excellent place to earn a good family wage. The best of luck in your efforts.

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What's In It for You?

A Career

In short, maritime jobs are anything that involves boats and the water. People drive tugboats, ferries, and fishing boats; fix and manufacture boats; install electrical, refrigeration, and mechanical systems; load and unload cargo and passengers; and various other tasks. There is a huge variety of well-paid jobs in the maritime field, and great prospects for employment in the Puget Sound. There are opportunities both on land and at sea, training programs that will pay their students to learn, and maritime academies that offer free tuition and guaranteed first jobs. There are also jobs that require little to no training and experience.

Many fascinating careers are available in the maritime industry which offers:

- Extensive travel and adventure
- Responsibility
- Excellent pay and benefits

Mariners typically belong to one of these shipboard departments:

- Deck—navigation, cargo handling, and management
- Engineering—propulsion, maintenance and management
- Steward/hotel—food services, sanitation, and accommodations

Some vessels will also have a “Supply Department” which is typically a combination of the stewards department and those crewmembers who perform storekeeping duties. Additionally some vessels carry communications and/or medical personnel.

- Almost anyone can find a job in the maritime industry by:
- Contacting a maritime company or union
- Contacting a maritime crewing agency
- Attending a maritime technical training school
- Attending a maritime academy or college to become a licensed officer

The U.S. merchant marine consists of privately-owned, U.S. registered merchant ships and a variety of towing, offshore supply, and passenger vessels which provide waterborne transportation for passengers and cargoes moving in domestic and international commerce. Employment on these vessels is the responsibility of the owners and is handled by maritime labor organizations or through direct employment by the company.

Part-time or summer employment is available in some sectors of the maritime industry such as the passenger vessel industry. The level of seafaring employment is determined by the state of U.S. and world business conditions, and improvements in ship technology.

Primary shipboard employment categories include deep sea, Great Lakes, towing and barges, inland and coastal waters, passenger vessels, and offshore and mineral operations.

Other areas of employment in the maritime industry include shipbuilding and repair, longshoring (cargo handling), port terminal administration, and intermodal logistics.

Why Maritime? Seven Good Reasons

1. Good pay. Maritime workers enjoy competitive wages and benefits.
2. Growing job market. Thanks to increasing international trade, maritime employment is expected to grow.
3. An aging workforce. The maritime industry will need workers to replace those who are nearing retirement. For example, in 2009, the average age of all chief marine engineers was 50.
4. Great career flexibility. Maritime offers such diversity that you can change careers many times and still stay in the same industry.
5. Challenging, hands-on work. Mariners get to learn and use the latest technology, with numerous opportunities for on-the-job training.
6. Quick advancement for quick learners. Maritime employers often promote current workers..
7. See the world. Few jobs offer more adventure than jobs at sea.

Opportunities – On Sea and On Shore

- International cargo shipping
- Shipbuilding and repair
- Tugboat towing
- Fishing vessels
- Ferries
- Cruise ships
- Offshore operations

For information on employment in these areas, please visit the Maritime Administration's website at <http://www.marad.dot.gov>

Snapshot Guides

Navy COOL 4-Step Process

Step 1 - Find & Select Related Credentials

Use COOL's Find feature to see how your Navy training and experience matches up with civilian credential requirements. It's easy to use and you can search in lots of different ways: by rating, designator, and collateral duties or out-of-rate assignments.

Often there are lots of credentials out there related to your Navy training and experience so it's important that you research them carefully and consider the following:

- Experience & Background
- Timing
- Credential Eligibility

Step 2 – Complete Voucher and Apply

Once you have selected a credential and confirmed your eligibility for that credential, you're ready to complete your voucher and apply for the credential you need.

To be ready to complete your voucher and apply to receive funding, you must:

- Check your voucher eligibility Request a voucher
- Get the voucher

Step 3- Register & Take Exam – Get Credential

Once your credential is funded by Navy COOL, it's time to register & take the exam (or complete other actions (i.e. application or finalize annual maintenance fees).

Step 4 – Report Results to Navy COOL

Once you've taken the appropriate exams or have met requirements for recertification, you are ready to report your results to COOL and other agencies, whether you passed or failed.

When you've completed your credential exam, taken a test, or met recertification requirements, you must provide the results to the following groups, regardless of whether you Passed or Failed!

Navy COOL 4-Step Process

1 Step 1 – Find & Select Related Credentials



2 Step 2 - Complete Voucher and Apply



3 Step 3 – Register & Take Exam - Get Credential



4 Step 4 - Report Results to Navy COOL



Navy COOL 4-Step Process



NAVY COOL
Credentialing Opportunities On-Line

Home

COOL Overview

Credentialing Basics

Costs & Funding

Resources & Links

News & Information

Contact

1

Find & Select Related Credentials

2

Complete Voucher and Apply

3

Get Credential

4

Report Results to Navy COOL

Find & Select Related Credentials

Choose an item from one drop-down, click Go

Enlisted Search

- Rating Code -	Go
- Rating Title -	Go
- Collateral Duty/Out of Rate Assignmer	Go
- Civilian Career Area -	Go
- Apprenticeship -	Go
- LaDR -	Go
- Advancement Exam Bibliographies -	Go

Officer Search

- Designator Code -	Go
- Designator Title -	Go
- Collateral Duty / Assignment -	Go
- Civilian Career Area -	Go

Cybersecurity Workforce

Credential Search



OTR Archive

**New Navy COOL
Mobile App!**

Get the new Navy COOL app for your smart phone! - Click above for more

Get the most out of COOL

How to Use the Site

What is Credentialing?

- 1 Step 1 – Find & Select Related Credentials
- 2 Step 2 - Complete Voucher and Apply
- 3 Step 3 – Register & Take Exam - Get Credential
- 4 Step 4 - Report Results to Navy COOL



Getting a Credential in Four Steps

Credentialing Basics

Do I Need a Credential?

Types of Credentials

Why are Credentials Important?

How are Credential Requirements Determined?

Getting a Credential in Four Steps

Step 1: Find and Select Related Credentials

Step 2: Complete Voucher and Apply

Step 3: Get Credential

Step 4: Report Results to Navy COOL

COOL plays a role in a four-step credentialing process, but some steps require you to reach out to the credentialing agency or exam vendor. The four basic steps are shown across the top of every page and this section provides additional information on each step. You should review this carefully to understand the entire process.

Functions taking place on this website



Step 1 - Find & Select Related Credentials

Search by rating...

Use COOL's Find feature to see how your Navy training and experience matches up with civilian credential requirements. It's easy to use and you can search in lots of different ways: by rating, designator, and collateral duties or out-of-rate assignments.

[Learn more](#)

[Search now!](#)



Step 2 - Complete Voucher and Apply

Once you have selected a credential and confirmed your eligibility for that credential, you're ready to complete your voucher and apply for the credential you need.

[Learn more](#)



Step 3 - Get Credential

Navy COOL is not a credentialing organization. You do not sign up for or take exams from Navy COOL. Once you get a voucher, you will need to contact the credentialing organization or test vendor to schedule and take the exam.

[Learn more](#)



Step 4 - Report Results to Navy COOL

Once you've taken the appropriate exams or have met requirements for recertification, you are ready to report your results to COOL and other agencies, whether you passed or failed.

[Learn more about who needs your information](#)

Actions taken on other systems and via other means

NMC 6-Step Process

National Maritime Center
United States Coast Guard
One Mission...One Team...One Voice
U.S. COAST GUARD Department of Homeland Security

1-888-427-5662 Contact Us

Home About Us Medical RECs Checklists Drug Testing TWIC STCW Fees Search

IMPORTANT INFORMATION
You **MUST** apply for a credential at your local Regional Exam Center. It is important to include all supporting documentation and proper signatures. Missing information will cause applications to be delayed or rejected.

Announcements
[View new and archived announcements](#)

Code of Federal Regulations

- > §7 Boundary Lines
- > §10 Merchant Mariner Credential
- > §11 Officer Endorsements
- > §12 Certification of Seamen
- > §13 Certification of Tankerman
- > §14 Shipment and Discharge of Merchant Mariners
- > §15 Manning Requirements
- > §16 Chemical Testing

US Code & Policies

- > US Code
- > USCG Policy Letters
- > USCG Guidance Documents
- > National and Vessel Inspection Circulars
- > Marine Safety Manual

Helpful Links

- > [Application Acceptance Checklist](#)
- > [Application Status](#)
- > [Sea Service Calculator](#)
- > [How to obtain an MMC](#)

Appeal Process

- > [Overview](#)

Credential Application Process

- 1. Mariner Obtains a TWIC**
If applicable, mariner obtains TWIC from TSA.
- 2. Submit Application**
Mariner submits complete application by mail, fax, or e-mail to any Regional Exam Center (REC).
- 3. In Transit**
The REC processes the application in an electronic database and mails the application to the NMC for further processing.
- 4. Application Reviewed**
 - Safety & Suitability
 - Medical
 - Professional Qualifications
- 5. Credential Printed**
The credential is printed, and a quality review is completed.
- 6. Credential Mailed**
The credential is mailed to the mariner.

Avoid Awaiting Information (AI)
If you send an incomplete application your credential will be delayed!

The REC ensures the application is complete before mailing it to the National Maritime Center (NMC).

Types of Applications:

- Original
- Renewal
- Duplicate
- Raise of Grade
- Modification
- Document of Continuity
- Standards for Training, Certification, and Watchkeeping (STCW)

Click on the tabs below for the type of application package needed.

Overview Original Renewal Duplicate Raise of Grade Modification Continuity STCW

The tabs listed on this page will help you with your application process by giving the steps required to obtain the credential requested, a wizard guide, and an application package. The types of applications are as follows:

- **Original:** The first credential issued to an applicant.
- **Renewal:** Re-issuance of a current or previously held credential with a new five year expiration date.
- **Duplicate:** A replacement credential issued containing the same authority, wording, and expiration date as the lost or destroyed credential.
- **Raise of Grade:** Increasing the level of authority and responsibility associated with a credential.
- **Modification (Increase of Scope):** Removing limitations previously placed on the credential such as change in horsepower, tonnage limitations, or geographic route.
- **Document of Continuity:** Documents issued solely to maintain an individual's eligibility for renewal. The holder is not authorized to work under this document.
- **STCW Endorsement:** An annotation on a merchant mariner credential that allows a mariner to serve in those capacities listed in [45 CFR 16.109 \(d\)](#) and serves as evidence that a mariner has met the requirements of [STCW](#).

<http://www.uscg.mil/nmc/credentials/default.asp>

- Step 1 – Member Obtains a TWIC
- Step 2 – Submit Application
- Step 3 – In Transit
- Step 4 – Application Reviewed
- Step 5 – Credential Printed
- Step 6 – Credential Mailed

TWIC 5-Step Process

The Transportation Worker Identification Credential (or TWIC) program is a Transportation Security Administration and U.S. Coast Guard initiative in the United States. The TWIC program provides a tamper-resistant biometric credential to maritime workers requiring unescorted access to secure areas of port facilities, outer continental shelf facilities, and vessels regulated under the Maritime Transportation Security Act of 2002, or MTSA, and all U.S. Coast Guard credentialed merchant mariners.

Step 1 – Check Eligibility

- An individual must be a U.S. citizen or fall into an eligible immigration category and cannot have been convicted of certain crimes. In addition, individuals cannot be connected to terrorist activity or lack mental capacity.

Step 2 – Pre-Enroll and Schedule an Appointment

During pre-enrollment, applicants will: Enter biographic information required for the security threat assessment. (This will require your Social Security Number, Alien Registration Number, or Visa Number)

- Make an appointment at the enrollment center
- Pre-enrollment is available

Step 3 – Gather Documents

TWIC applicants are required to provide identity verification documents to complete the enrollment process. The attached document covers U.S. citizens born within the United States, as well as U.S. citizens born abroad. Applicants are required to present acceptable documentation from this list at the time of enrollment.

Step 4 – Enroll

Applicants must visit an enrollment center where they will:

- Complete a TWIC Disclosure and Certification Form
- Pay the enrollment fee (currently \$129.75)
- Provide biographic information (if applicant did not pre-enroll) and a complete set of fingerprints
- Sit for a digital photograph

Step 5 – Pick up TWIC

Applicants will be notified by email or phone, as specified during enrollment, when their TWIC is

available at the enrollment center

- Applicants must return to the center at which they enrolled to pick up their TWIC (unless they specify another enrollment center at the time of enrollment)
- TWICs will be issued to workers 6 – 8 weeks after enrollment
- Applicants can check the status of their card and schedule a pick-up appointment

MMD 7-Step Process

An entry-level Merchant Mariner's Document (MMD), previously called a Z-Card, allows a mariner to work on the deck as an Ordinary Seaman (OS), in the engine department as a Wiper, or in the steward's department as a Food Handler (FH). With experience and testing, qualified ratings such as Able Seaman (AB) or Qualified Member of the Engine Department (QMED) can be obtained.

Step 1 – Apply for a TWIC Card

The first item in the MMC application is proving that you either hold a valid TWIC (photocopy of TWIC) or have applied for a TWIC (TWIC application receipt). So make sure to apply for a TWIC Card first!

Step 2 – Check Eligibility

With few exceptions you must be a United States citizen in order to obtain a Mariner Credential.

- Depending on the endorsement(s) you are applying for, the minimum age can range from 16 (with parental consent) to 21. If you are between the age of 16 and 18, then you must present a notarized statement of consent from a parent or legal guardian providing written permission for you to go to sea.

Step 3 – Get a Physical

In order to obtain an MMC you must pass a physical exam. Have your Doctor complete CG-719K or CG-719K/E. Medical forms can be downloaded.

- Make sure your application is complete and error-free – forms with missing information will incur delays.
- Certain medical conditions may delay your application or even cause it to be denied.

Step 4 – Complete a Drug Test

In order to obtain an MMC you must complete a DOT 5 Panel Drug Test (CG-719P) from a certified lab or be enrolled in and Approved Drug Testing Program.

- A listing of approved laboratories is available online at www.drugfreeworkplace.gov. When the main page comes on screen click on “Drug Testing” and then click on “Certified Labs”. By contacting one of these labs they will direct you to the collection

facility that is nearest to your location.

Step 5 – Pay User Fees

Mariners are encouraged to pay user fees on-line using <https://www.pay.gov>. The Coast Guard is currently working with the U. S. Department of the Treasury to update this system to reflect the new MMC fee schedule. A copy of your payment receipt should be included with your application, so make sure to print it out.

Step 6 – Assemble Application Packet

Complete form CG Form 719B Application. If you are applying for an entry-level position, make sure to indicate that in the application.

- Gather all of your documents.

Step 7 – Visit a Regional Examination Center (REC)

Contact the nearest REC and speak to an evaluator!

Missions

Mission of the U.S. Navy

The mission of the U.S. Navy (USN) is to maintain, train and equip combat-ready Naval forces capable of winning wars, deterring aggression and maintaining freedom of the seas.

Mission of the U.S. Coast Guard

The mission of the U.S. Coast Guard (USCG) is to protect the public, the environment, and U.S. economic interests — in the nation's ports and waterways, along the coast, on international waters, or in any maritime region as required to support national security.

Mission of the Maritime Administration

The mission of the Maritime Administration (MARAD) is to promote the development and maintenance of an adequate, well-balanced United States merchant marine, sufficient to carry the Nation's domestic waterborne commerce and a substantial portion of its waterborne foreign commerce, and capable of serving as a naval and military auxiliary in time of war or national emergency.

Mission of the National Maritime Center

The mission of the National Maritime Center (NMC) is to issue credentials to mariners who are fully compliant with current regulations in the most effective and efficient manner possible.

Mission of the Navy's Credentials Program Office

The mission of the Navy's Credentials Program Office is to provide information funding source for eligible Sailors wishing to attain industry certifications/licenses that correspond with Navy ratings.

Mission of the Navy Credentialing Opportunities On-Line Website

The mission of the Navy COOL website is to help Navy Service members find information on certifications and licenses related to their jobs. Sailors can use Navy COOL to get background information on credentialing and find detailed information on:

- Credentials related to a Navy rating, collateral-duty/out of rate assignment, or designator
- Credential requirements and potential gaps between Navy training and civilian credentialing requirements
- Resources available to fill gaps between military training and civilian credentialing requirements
- How to get a COOL funded voucher to pay for credential exam and maintenance fees...or find alternative funding resources (i.e. VA's GI Bill) for credential exam and maintenance fees

Awareness

Awareness of USCG Licensure and Mariner Occupations Available to U.S. Navy Sailors

This section displays the U.S. Navy Enlisted Ratings, Enlisted Collateral Duties/Out-of-Rating Assignments, and Officer Designators have USCG Licenses mapped to them. These U.S. Navy occupations have also been mapped to Maritime/Mariner/Merchant Marine occupations.

[NOTE 1: Though the U.S. Navy has over 100 Enlisted and Officer occupations, not all are eligible for, or compatible with, USCG licenses or Mariner occupations (i.e. Aviation, Cryptology, Intelligence, Seabees, etc...). Most Enlisted and Officer occupations do not receive compatible training, experience, duty assignments, and sea time.]

[NOTE 2: Though there are several U.S. Navy Enlisted Ratings or Officer Designators mapped to USCG licenses and Mariner occupations...not all Sailors in these Enlisted Ratings or Officer Designators will meet USCG licensing requirements/eligibility. Not all Sailors in these Enlisted Ratings or Officer Designators go to sea, or accumulate enough requisite sea time & recency of sea time, or have met the training requirements, etc... USCG license eligibility must be assessed, case-by-case, based on the individual's unique training, experience, duty assignments, and in-service opportunities.]

For more information on the U.S. Navy Enlisted Ratings, Enlisted Collateral Duties/Out-of-Rating Assignments, and Officer Designators that have USCG Licenses and Mariner occupations mapped to them, visit to the Navy COOL website: <https://www.cool.navy.mil/usn>.

Navy Enlisted Ratings Mapped to USCG Licenses and Mariner Occupations

The following U.S. Navy Enlisted Ratings have USCG Licenses and Mariner Occupations mapped to them:

- BM-Boatswain's Mate
- CS-Culinary Specialist
- DC-Damage Controlman
- EM-Electrician's Mate
- GM-Gunner's Mate
- GSE-Gas Turbine System Technician Electrical
- GSM-Gas Turbine System Technician Mechanical
- HM-Hospital Corpsman
- HT-Hull Maintenance Technician
- LS-Logistics Specialist

- MA-Master-At-Arms
- MM-Machinist's Mate
- MR-Machinery Repairman
- OS-Operations Specialist
- PS-Personnel Specialist
- QM-Quartermaster

Navy Enlisted Collateral Duties/Out-of-Rating Assignments Mapped to USCG Licenses and Mariner Occupations

The following U.S. Navy Enlisted Collateral Duties/Out-of-Rating assignments have USCG Licenses and Mariner Occupations mapped to them:

- 100 Ton Craftmaster
- LCAC – Landing Craft Air Cushion Crew Member
- LCS – Littoral Combat Ship

Navy Officer Designators Mapped to USCG Licenses and Mariner Occupations

The following U.S. Navy Officer Designators have USCG Licenses and Mariner Occupations mapped to them:

- 111X – Surface Warfare URL
- 144X – Engineering Duty Officer-Ship Engineering
- 166X – Strategic Sealift Officer
- 310X – Supply Officer
- 611X – Deck LDO
- 612X – Operations (Surface) LDO
- 613X – Engineering/Repair (Surface) LDO
- 623X – Engineering/Repair Specialty LDO
- 651X – Supply Corps LDO
- 711X – Boatswain (Surface) CWO
- 712X – Operations Technician (Surface) CWO
- 713X – Engineering Technician (Surface) CWO
- 717X – Special Warfare Combatant Craft Technician CWO
- 741X – Ship's Clerk CWO
- 751X – Supply Corps Warrant CWO

U.S. Coast Guard Licenses Supported on Navy COOL

The following U.S. Coast Guard Licenses are supported on Navy COOL. Those USCG Licenses displayed with the [NAVY \$] may be funded for eligible U.S. Navy enlisted personnel (active duty & reserves):

Credential	Agency	Navy\$
Chief Engineer (OSV) – Near Coastal Domestic License	United States Coast Guard (USCG)	
Chief Engineer (Unlimited) License	United States Coast Guard (USCG)	
Master Inland/Mate Near Coastal License	United States Coast Guard (USCG)	[Navy \$]
Master Near Coastal License	United States Coast Guard (USCG)	[Navy \$]
Master of 100 GRT-Limited License	United States Coast Guard (USCG)	[Navy \$]
Master of Towing Vessels-Limited License	United States Coast Guard (USCG)	[Navy \$]
National 1 st Assistant Engineer Steam/Motor/GT License	United States Coast Guard (USCG)	
National 2 nd Assistant Engineer Steam/Motor/GT License	United States Coast Guard (USCG)	
National 2 nd Mate Unlimited OC or NCL License	United States Coast Guard (USCG)	[Navy \$]
National 3 rd Assistant Engineer Steam/Motor/GT License	United States Coast Guard (USCG)	
National 3 rd Mate Unlimited OC or NCL License	United States Coast Guard (USCG)	[Navy \$]
National Able Seaman (A/B) License	United States Coast Guard (USCG)	[Navy \$]
National Assistant Engineer (OSV) License	United States Coast Guard (USCG)	
National Ballast Control Operator (BCO) License	United States Coast Guard (USCG)	[Navy \$]
National Barge Supervisor License	United States Coast Guard (USCG)	[Navy \$]
National Chief Engineer (Limited) Steam/Motor/GT License	United States Coast Guard (USCG)	
National Chief Engineer Steam/Motor/GT License	United States Coast Guard (USCG)	
National Chief Engineer/Assistant Engineer UFIV License	United States Coast Guard (USCG)	
National Chief Engineer License	United States Coast Guard (USCG)	
National Chief Mate Unlimited OC or NCL License	United States Coast Guard (USCG)	[Navy \$]
National Designated Duty Engineer Steam/Motor/GT License	United States Coast Guard (USCG)	
National First Class Pilot License	United States Coast Guard (USCG)	[Navy \$]
National Lifeboatman and Lifeboatman-Limited License	United States Coast Guard (USCG)	[Navy \$]
National Limited Master 100/Limited OUPV License	United States Coast Guard (USCG)	[Navy \$]
National Master 200 GL and Inland License	United States Coast Guard (USCG)	[Navy \$]
National Master 200 NCL License	United States Coast Guard (USCG)	[Navy \$]
National Master 500/1600 GL and Inland License	United States Coast Guard (USCG)	[Navy \$]
National Master of Unlimited GL and Inland License	United States Coast Guard (USCG)	[Navy \$]
National Master of Unlimited OC or NCL License	United States Coast Guard (USCG)	[Navy \$]
National Mate 200 GL and Inland License	United States Coast Guard (USCG)	[Navy \$]
National Mate 500/1600 GL and Inland License	United States Coast Guard (USCG)	[Navy \$]
National Mate 500/1600 NCL License	United States Coast Guard (USCG)	[Navy \$]
National Mate 500/1600 OCL License	United States Coast Guard (USCG)	[Navy \$]
National Mate Unlimited GL and Inland License	United States Coast Guard (USCG)	[Navy \$]
National QMED: Electrician/Refrigerating Engineer License	United States Coast Guard (USCG)	[Navy \$]
National QMED: Oiler License	United States Coast Guard (USCG)	[Navy \$]

Maritime/Mariner/Merchant Marine Occupations Mapped on Navy COOL

A wide range of Mariner-related job opportunities are available within the private, public, and Federal sectors. More information about these opportunities can be found on the Navy COOL website:

<https://www.cool.navy.mil/usn>.

Dept. of Labor (DOL) Related Occupations

These Navy occupations are related to these occupations. However these may require additional education, training or experience. Not all DOL Occupations map to every Navy occupation.

[Administrative Services Managers](#)

[Billing, Cost, and Rate Clerks](#)

[Boilermakers](#)

[Bookkeeping, Accounting, and Auditing Clerks](#)

[Cargo and Freight Agents](#)

[Control and Valve Installers and Repairers, Except Mechanical Door](#)

[Cooling and Freezing Equipment Operators and Tenders](#)

[Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic](#)

[Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic](#)

[Electric Motor, Power Tool, and Related Repairers](#)

[Electrical and Electronic Equipment Assemblers](#)

[Electrical and Electronics Installers and Repairers, Transportation Equipment](#)

[Electrical and Electronics Repairers, Commercial and Industrial Equipment](#)

[Electrical and Electronics Repairers, Powerhouse, Substation, and Relay](#)

[Electrical Engineering Technicians](#)

[Electrical Engineers](#)

[Electrical Power-Line Installers and Repairers](#)

[Electricians](#)

[Electronic Equipment Installers and Repairers, Motor Vehicles](#)

[Electronics Engineering Technicians](#)

[Engine and Other Machine Assemblers](#)

[File Clerks](#)

[First-Line Supervisors of Mechanics, Installers, and Repairers](#)

[First-Line Supervisors of Production and Operating Workers](#)

[First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators](#)

[Freight and Cargo Inspectors](#)

[Freight Forwarders](#)

[Gas Compressor and Gas Pumping Station Operators](#)

[Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, and Tenders, Metal & Plastic](#)
[Hazardous Materials Removal Workers](#)
[Helpers—Installation, Maintenance, and Repair Workers](#)
[Hoist and Winch Operators](#)
[Industrial Machinery Mechanics](#)
[Insulation Workers, Mechanical](#)
[Laborers and Freight, Stock, and Material Movers, Hand](#)
[Logistics Managers](#)
[Machinists](#)
[Maintenance and Repair Workers, General](#)
[Maintenance Workers, Machinery](#)
[Marine Engineers](#)
[Mates- Ship, Boat, and Barge](#)
[Mobile Heavy Equipment Mechanics, Except Engines](#)
[Motorboat Operators](#)
[Office Clerks, General](#)
[Payroll and Timekeeping Clerks](#)
[Pilots, Ship](#)
[Pipe Fitters and Steamfitters](#)
[Pipelayers](#)
[Plumbers](#)
[Power Plant Operators](#)
[Pump Operators, Except Wellhead Pumpers](#)
[Radio Operators](#)
[Refrigeration Mechanics and Installers](#)
[Riggers](#)
[Sailors and Marine Oilers](#)
[Security Guards](#)
[Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders](#)
[Sheet Metal Workers](#)
[Ship Engineers](#)
[Shipping, Receiving, and Traffic Clerks](#)
[Solderers and Brazers](#)
[Stationary Engineers and Boiler Operators](#)
[Stock Clerks- Stockroom, Warehouse, or Storage Yard](#)
[Storage and Distribution Managers](#)
[Structural Metal Fabricators and Fitters](#)
[Transportation Managers](#)
[Water and Wastewater Treatment Plant and System Operators](#)
[Weighers, Measurers, Checkers, and Samplers, Recordkeeping](#)
[Welders, Cutters, and Welder Fitters](#)
[Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders](#)

Federal Related Occupations

These Navy occupations are related to these occupations. However these may require additional education, training or experience. Not all DOL Occupations map to every Navy occupation.

[0080 – Security Administration Series](#)

[0085 – Security Guard Series](#)

[0341 – Administrative Officer Series](#)

[0344 – Management and Program Clerical and Assistance Series](#)

[0346 – Logistics Management Series](#)

[0510 – Accounting Series](#)

[0525 – Accounting Technician Series](#)

[0530 – Cash Processing Series](#)

[0561 – Budget Clerical and Assistance Series](#)

[0801 – General Engineering Series](#)

[0802 – Engineering Technical Series](#)

[0803 – Safety Engineering Series](#)

[0804 – Fire Protection Engineering Series](#)

[0830 – Mechanical Engineering Series](#)

[0850 – Electrical Engineering Series](#)

[0855 – Electronics Engineering Series](#)

[0856 – Electronics Technical Series](#)

[1106 – Procurement Clerical and Technician Series](#)

[1361 – Navigational Information Series](#)

[1801 – General Inspection, Investigation, Enforcement, and Compliance Series](#)

[1802 – Compliance Inspection and Support Series](#)

[2001 – General Supply Series](#)

[2003 – Supply Program Management Series](#)

[2005 – Supply Clerical and Technician Series](#)

[2010 – Inventory Management Series](#)

[2030 – Distribution Facilities and Storage Management Series](#)

[2101 – Transportation Specialist Series](#)

[2102 – Transportation Clerk and Assistant Series](#)

[2110 – Transportation Industry Analysis Series](#)

[2130 – Traffic Management Series](#)

[2144 – Cargo Scheduling Series](#)

[2150 – Transportation Operations Series](#)

[2151 – Dispatching Series](#)

[2161 – Marine Cargo Series](#)

[2606 – Electronic Industrial Controls Mechanic](#)

[2608 – Electronic Digital Computer Mechanic](#)

[2610 – Electronic Integrated Systems Mechanic](#)
[2805 – Electrician](#)
[2854 – Electrical Equipment Repairing](#)
[3414 – Machining](#)
[3416 – Toolmaking](#)
[3703 – Welding](#)
[3705 – Nondestructive Testing](#)
[3712 – Heat Treating](#)
[3806 – Sheet Metal Mechanic](#)
[3820 – Shipfitting](#)
[4204 – Pipefitting](#)
[4206 – Plumbing](#)
[4602 – Blocking and Bracing](#)
[4717 – Boat Building and Repairing](#)
[4749 – Maintenance Mechanic](#)
[4816 – Protective and Safety Equipment Fabricating and Repairing](#)
[4850 – Bearing Reconditioning](#)
[5210 – Rigging](#)
[5220 – Shipwright](#)
[5306 – Air Conditioning Equipment Mechanic](#)
[5318 – Lock and Dam Repairing](#)
[5334 – Marine Machinery Mechanic](#)
[5350 – Production Machinery Mechanic](#)
[5402 – Boiler Plant Operating](#)
[5407 – Electric Power Controlling](#)
[5413 – Fuel Distribution System Operating](#)
[5415 – Air Conditioning Equipment Operating](#)
[5419 – Stationary-Engine Operating](#)
[5782 – Ship Operating](#)
[5784 – Riverboat Operating](#)
[5786 – Small Craft Operating](#)
[5788 – Deckhand](#)
[6907 – Materials Handling](#)
[6910 – Materials Expediting](#)
[6912 – Materials Examining and Identifying](#)
[6914 – Store Working](#)
[7006 – Preservation Servicing](#)
[8255 – Pneumatic Systems Mechanic](#)
[9904 – Ship Pilot](#)
[9908 – Ship’s Communication Officer](#)
[9915 – Assistant Damage Control Officer](#)
[9917 – Deck Midshipman](#)
[9918 – Damage Control Leader](#)

[9919 – Damage Control Assistant Leader](#)
[9920 – Boatswain](#)
[9923 – Boatswain’s Mate](#)
[9929 – Damage Controlman](#)
[9931 – Chief Engineer](#)
[9932 – First Assistant Engineer](#)
[9933 – Second Assistant Engineer](#)
[9934 – Third Assistant Engineer](#)
[9939 – Chief Electrician](#)
[9940 – Electrician](#)
[9941 – Electrician-Maintenance](#)
[9942 – Second Electrician](#)
[9943 – Third Electrician](#)
[9944 – Electronics Technician](#)
[9945 – Refrigeration Engineer](#)
[9948 – Plumber](#)
[9949 – Assistant Plumber](#)
[9950 – Plumber Machinist](#)
[9951 – Deck Engineer](#)
[9953 – Deck Engineer-Mechanic](#)
[9954 – Unlicensed Junior Engineer](#)
[9956 – Engineman](#)
[9958 – Evaporator-Utilityman](#)
[9959 – Machinist](#)
[9963 – Fireman](#)
[9964 – Fireman-Watertender](#)
[9968 – Chief Steward](#)
[9969 – Third Steward](#)
[9971 – Chief Cook](#)
[9972 – Steward Cook](#)
[9973 – Second Cook](#)
[9974 – Third Cook](#)
[9975 – Assistant Cook](#)
[9976 – Cook-Baker](#)
[9977 – Second Cook-Baker](#)
[9978 – Night Cook and Baker](#)
[9979 – Steward-Baker](#)
[9980 – Third Pantryman](#)
[9981 – Galleyman](#)
[9991 – Supply Officer](#)
[9992 – Assistant Supply Officer](#)
[9993 – Junior Supply Officer](#)
[9994 – Assistant Storekeeper](#)

Military Sealift Command (MSC) Related Occupations

These Navy occupations are related to these occupations. However these may require additional education, training or experience. Not all DOL Occupations map to every Navy occupation.

[Able Seaman](#)

[Advanced Fire Fighting](#)

[Assistant Cook](#)

[Basic Safety Training](#)

[Chief Cook](#)

[Chief Marine Engineer](#)

[Chief Steward](#)

[Cook / Baker](#)

[Deck Engineer Machinist](#)

[Engine Utilityman](#)

[Medical Services Officer](#)

[Ordinary Seaman](#)

[QMED-Oiler endorsement](#)

[Refrigeration Engineer](#)

[Second Electrician](#)

[Steward Cook](#)

[Supply Utilityman](#)

[Third Assistant Engineer](#)

[Third Officer](#)

[Unlicensed Junior Engineer](#)

[Wiper](#)

CERTIFICATIONS

The following post military occupations are similar to the BM-Boatswain's Mate Rating. For more information about these occupations, visit NAVY COOL at <https://www.cool.navy.mil/usn/>.

Occupation (Civilian Employer)
Helpers—Installation, Maintenance, and Repair Workers
Laborers and Freight, Stock, and Material Movers, Hand
Mates- Ship, Boat, and Barge
Motorboat Operators
Municipal Fire Fighting and Prevention Supervisors
Occupational Health and Safety Technicians
Painters, Transportation Equipment
Pilots, Ship
Riggers
Sailors and Marine Oilers
Ship and Boat Captains
Occupation (Federal Employer)
0343 - Management and Program Analysis Series
0344 - Management and Program Clerical and Assistance Series
4102 - Painting
5782 - Ship Operating
5788 - Deckhand
7006 - Preservation Servicing
9917 - Deck Midshipman
9920 - Boatswain
9923 - Boatswain's Mate

Navy COOL: The following certifications and licenses are applicable to the BM-Boatswain's Mate rating. *They may require additional education, training or experience.*

Target paygrade	Certifying Agency	Credential Title	Date Completed
E5	Board of Certified Safety Professionals (BCSP)	Associate Safety Professional (ASP)	
E5	Board of Certified Safety Professionals (BCSP)	Certified Safety Professional (CSP)	
E5	United States Coast Guard (USCG)	Master Inland/Mate Near Coastal	
E6	United States Coast Guard (USCG)	Master of 100 GRT-Limited	
E7	United States Coast Guard (USCG)	Master of Towing Vessels-Limited	
E9	United States Coast Guard (USCG)	National 2nd Mate Unlimited OC or NC	
E7	United States Coast Guard (USCG)	National 3rd Mate Unlimited OC or NC	
E4	United States Coast Guard (USCG)	National Able Seaman (A/B)	
E7	United States Coast Guard (USCG)	National Ballast Control Operator (BCO)	
E5	United States Coast Guard (USCG)	National Barge Supervisor	
E9	United States Coast Guard (USCG)	National Chief Mate Unlimited OC or NC	
E7	United States Coast Guard (USCG)	National First Class Pilot	
E3	United States Coast Guard (USCG)	National Lifeboatman and Lifeboatman-Limited	
E4	United States Coast Guard (USCG)	National Limited Master 100/Limited OUPV	
E6	United States Coast Guard (USCG)	National Master 200 GL and Inland	
E7	United States Coast Guard (USCG)	National Master 500/1600 GL and Inland	
E7	United States Coast Guard (USCG)	National Master of Unlimited GL and Inland	
E7	United States Coast Guard (USCG)	National Master of Unlimited OC or NC	
E5	United States Coast Guard (USCG)	National Mate 200 GL and Inland	
E5	United States Coast Guard (USCG)	National Mate 500/1600 GL and Inland	
E5	United States Coast Guard (USCG)	National Mate 500/1600 NC	
E5	United States Coast Guard (USCG)	National Mate Unlimited GL and Inland	

Visit Navy COOL at <https://www.cool.navy.mil/usn/> for additional Credentials that you may qualify to earn; however funding may be limited to your GI bill.

A Call to Action

The Need

Recently, the Maritime Administration (MARAD) highlighted a looming crisis that there will not be enough qualified mariners to support military sealift in the future. We have enough mariners for short term contingency, but not enough for sustained operations. This has direct economic and national security implications.

There is a need for 74,000 mariners over the next ten years. Fewer than 9,000 officers will graduate from the sea service academies during that time.

A Call to Action

DoD

The Services have a goal to decrease gaps in training and qualification to ease the transition from Navy, Army, or Coast Guard to the maritime industry. One of the greatest challenges is the lack of information while in the military service...which is why this document was produced, and is just one of many awareness initiatives being implemented.

MARAD

MARAD actively helps veterans navigate to maritime careers; the Military to Mariner initiative helps transition and supports the mariner workforce. For Maritime Administration job vacancies, please visit: jobsearch.dot.gov/internalindex.asp

Maritime Schools

The following university or schools are Merchant Marine, Naval and Coast Guard Military, as well as Oceanographic schools. These institutions will prepare you for a career in the marine industry. Many are located in the U.S. but there are some listed from all over the world. This information should help you chose a direction for a profession in the marine industry:

<http://maritime.homestead.com/files/school.html>

Maritime Companies

There are several companies in the marine industry that provide jobs to those with the proper educational skills. Many are located in the U.S. but there are some from all over the world. Once you chose a direction for a profession in the marine industry, you should contact a potential

employer with a resume. The following link has shipping companies, drilling companies, shipyards, classification societies and agents all with a variety of opportunities:

<http://maritime.homestead.com/files/company.html>

YOU...the Service Member or Veteran

You are the solution, and the call to action will have no effect if you are eligible for USCG licenses but do not earn one; or if you earn a USCG licenses but do not apply it towards post-service Mariner employment. You may have already met much of the training, experience, and sea time requirements to apply for a USCG license. Navy COOL can fund the application and exam fees for eligible Navy enlisted personnel. So, with a bit more initiative and perseverance, you can establish yourself within a great post-service career, and contribute to a National need.

NMC 6-Step Process

National Maritime Center Credentialing 6-Step Process

The National Maritime Center (NMC) website provides a comprehensive guide to the Credential Application Process. The website also has a “Live Help” button to chat with a NMC help desk representative.

The screenshot displays the National Maritime Center website header with the logo, contact information (1.888.427.5662), and a navigation menu. The main content area is titled "Credential Application Process" and is enclosed in a red circle. It features six numbered steps:

- 1. Mariner Obtains a TWC**: If applicable, mariner obtains TWC from TSA.
- 2. Submit Application**: Mariner submits complete application by mail, fax, or e-mail to any Regional Exam Center (REC).
- 3. In Transit**: The REC processes the application in an electronic database and mails the application to the NMC for further processing.
- 4. Application Reviewed**:
 - Safety & Suitability
 - Medical
 - Professional Qualifications
- 5. Credential Printed**: The credential is printed, and a quality review is completed.
- 6. Credential Mailed**: The credential is mailed to the mariner.

Additional information includes a warning to "Avoid Awaiting Information (AI)" and a list of application types: Original, Renewal, Duplicate, Raise of Grade, Modification, Document of Continuity, and Standards for Training, Certification, and Watchkeeping (STCW). Below the steps are tabs for "Overview", "Original", "Renewal", "Duplicate", "Raise of Grade", "Modification", "Continuity", and "STCW".

Click on the tabs below for the type of application package needed.

The tabs listed on this page will help you with your application process by giving the steps required to obtain the credential requested, a wizard guide, and an application package. The types of applications are as follows:

- **Original**: The first credential issued to an applicant.
- **Renewal**: Re-issuance of a current or previously held credential with a new five year expiration date.
- **Duplicate**: A replacement credential issued containing the same authority, wording, and expiration date as the lost or destroyed credential.
- **Raise of Grade**: Increasing the level of authority and responsibility associated with a credential.
- **Modification (Increase of Scope)**: Removing limitations previously placed on the credential such as change in horsepower, tonnage limitations, or geographic route.
- **Document of Continuity**: Documents issued solely to maintain an individual's eligibility for renewal. The holder is not authorized to work under this document.
- **STCW Endorsement**: An annotation on a merchant mariner credential that allows a mariner to serve in those capacities listed in 46 CFR 10.109 (d) and serves as evidence that a mariner has met the requirements of STCW.

6-Step Process. Ref: NMC website: <https://www.uscg.mil/nmc/credentials/>

Merchant Mariner Credential (MMC)

In 2009, the Coast Guard consolidated four previously issued credentials for merchant mariners (Licenses, Certificates of Registry, Merchant Mariner Documents – also known as a “Z-cards” – and STCW certificates into the Merchant Mariner Credential (MMC).

To obtain an MMC

- You must submit evidence that you hold a valid Transportation Worker Identification Credential (TWIC) (photocopy of TWIC) or that you have applied for a TWIC (TWIC application receipt). Further information on the TWIC is in the next section of this pamphlet.
- You must be at least 16 years of age. If you are less than 18 years old you must present a notarized statement of consent from a parent or guardian.
- You must report any narcotics, DWI/DUI, and other criminal convictions and agree to a National Driver Registry check. “Conviction” means that you have been found guilty by judgment or by plea and includes cases of deferred adjudication (no contest, adjudication withheld, etc.) or where the court required you to attend classes, make contribution of time or money, receive treatment, submit to any manner of probation or supervision, or forego appeal of a trial court finding. Expunged convictions must be reported unless the expungement was based upon a showing that the court’s earlier conviction was in error.
- Some convictions make an applicant ineligible to receive a TWIC and, therefore, an MMC.
- Application forms can be found on the USCG National Maritime Center (MMC) website (www.uscg.mil/nmc) or may be obtained from a Regional Exam Center (REC). To find the nearest REC, visit the NMC website at: www.uscg.mil/nmc or call 1-888-I-ASK-NMC (1-888-427-5662)
- Applicants must complete a physical examination using the form which is part of the Coast Guard’s application package
- Applicants must present evidence of passing a drug test.
- The MMC application package should be submitted directly to an REC. Sending the package to the NMC will cause it to be delayed while the NMC sends the package to an REC for coordination.
- Since you have legally certified your identity by applying for a TWIC, you need not visit the REC in person; you may complete all transactions by mail.
- The MMC looks and feels like a passport; however, it is NOT a substitute for a passport.
- Photographs to be used on the MMC will be electronically forwarded from the Transportation Security Administration to the Coast Guard.
- The Coast Guard is required by law to collect a user fee for the MMC evaluation and documentation process. You should visit the NMC website at www.uscg.mil/nmc to determine the current fees.
- Once your application has been submitted, you can check its status on the NMC website or by calling 1-888-I-ASK-NMC (1-888-427-5662).

- For a list of items to submit with your MMC application package, please download a copy of the MMC Application Acceptance Checklist at: www.uscg.mil/nmc

Transportation Worker Identification Credential (TWIC)

TWICs are tamper-resistant biometric credentials issued by the Department of Homeland Security's (DHS) Transportation Security Administration (TSA) to credentialed merchant mariners, port facility employees, long-shore workers, truck drivers, and others requiring unescorted access to secure areas of maritime facilities and vessels regulated by the Maritime Transportation Security Act (MTSA). To obtain a TWIC, you must complete the enrollment process at a TWIC enrollment center and pay the enrollment fee.

Individuals who

- were convicted of certain crimes,
- lack lawful presence and certain immigration status in the United States,
- are connected to terrorist activity, or
- have been determined to lack mental capacity are ineligible for a TWIC.

A list of enrollment centers and their locations is on the TSA website at: www.tsa.gov/twic or by calling the TWIC call center at 1-866-DHS-TWIC (1-866-347-8942).

Military Ratings to National Merchant Marine Endorsements

Military Ratings to National Merchant Marine Endorsements

Minimum Sea Time for Deck Endorsements

Paygrade	Military Rating	Merchant Marine	Sea Time Required	STCW & Other Training
E1-E3	SA, SN, BM, QM, GM	Ordinary Seaman, Wiper, Steward (Food Handler)	None	Support Level Basic Training – BT Ratings Forming Part of a Navigational Watch – RFPNW
E4-E6	BM	Able Seaman	1080 Days	BT, Lifeboatman, RFPNW
E4-E6	Deck Ratings	AB OSV	180 Days on navigable waters of US	BT, Lifeboatman, RFPNW
E4-E6	Deck Ratings	AB MODU	360 days on Vessel over 65 Feet on navigable waters of US	BT, Lifeboatman, RFPNW
E4-E6	Deck Ratings	AB Special	360 Days on navigable waters of US	BT, Lifeboatman, RFPNW
E4-E6	Deck Ratings	AB Limited	540 Days on vessel over 100 GRT on navigable waters of US	BT, Lifeboatman, RFPNW
E4-E6, E7-E9 & O1-O6, Any USNA Grad wit DWO Letter	Deck Ratings, BMOW, QMOW, DWO, Ops, XO, CO	AB Unlimited	1080 Days of Deck Service with 180 days as a Bridge Watchstander and Lifeboatman	BT, Lifeboatman, RFPNW
		3 rd Mate – Any Gross Tons, Near Coastal and Ocean	1080 Days of Deck Service with 180 days as a Bridge Watchstander and Lifeboatman	BT, Lifeboatman, RFPNW
		2 nd Mate – Any Gross Tons, Near Coastal and Ocean	360 Days as 3 rd Mate	Operational Level NVIC 12-14 – OICNW
		Chief Mate – Any Gross Tons, Near Coastal and Ocean	720 Days as a 2 nd Mate	BT, Lifeboatman, RFPNW
		Master – Any Gross Tons, Near Coastal and Ocean	360 as Chief Mate	Mgmt. Level NVIC 10-14 – CM/Master

Minimum Sea Time for Engine Endorsements

Paygrade	Military Rating	Merchant Marine	National Sea Time Required	STCW & Other Training
E1-E2		Wiper	None	
E1- E6	A Schools, C Schools	Wiper – Electrician/ Refrigerator Engineer	None	
E1- E6	A Schools	Wiper – Oiler	None	
E1- E6	A Schools	Wiper – Fireman/Watertender	None	
E1- E6	A Schools	Wiper – Jr. Engineer	None	
E1- E6	A Schools	Wiper – Pumpman/ Machinist	None	
Any		QMED - Qualified Member of an Engineering Department	180 Sea Days with all five wiper ratings – or approved program and 180 days in Engine Room	
Any USNA Grad with EWO Qualification Letter	Any Engine Rating	3rd Assist. Engineer	1080 Sea Days in Engine Department with 720 as QMED or equivalent position per 46 FR 11.516 options	
		2nd Assist. Engineer	360 Days as 3rd Assist. (May qualify for Chief Engineer Limited) 46 CFR 11.514	
		1st Assist. Engineer	360 Days as 2nd Assist. (May qualify for Chief Engineer Limited) 46 CFR 11.514	
		Chief Engineer	360 Days as 1st Assistant.	
INTERNATIONAL ENDORSEMENTS		RFPEW¹	180 days in Engine	
		Able Seafarer/Engine² 180 as a RFPEW AND approved Training		
		Electro-Tech. Rating³ 360 days of seagoing service		
		Electro-Tech. Officer 360 days of seagoing service		
		Officer in Charge of the Engineering Watch⁴- OICEW (Equiv. to Nat. 3rd Assist. Engineer)		
		2nd Engineer (1st Assist.)⁵ 360 days as OICEW		
		Chief Engineer Officer⁶ 1080 days as OICEW		

¹ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_87_web.pdf?list8=%2Fnmcc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_87_web.pdf&B3=GO%21

² http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_86_web.pdf?list8=%2Fnmcc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_86_web.pdf&B3=GO%21

³ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_88_web.pdf?list8=%2Fnmcc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_88_web.pdf&B3=GO%21

⁴ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_88_web.pdf?list8=%2Fnmcc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_88_web.pdf&B3=GO%21

⁵ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_70_web.pdf?list6=%2Fnmcc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_70_web.pdf&B5=GO%21

⁶ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_69_web.pdf?list6=%2Fnmcc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_69_web.pdf&B5=GO%21

International Training Requirements for Deck Endorsements

RFPNW⁷

Assessments	Provide evidence of meeting the Standards of Competence prescribed in Section A-II/4 of STCW Code: Record of Assessment from NVIC 06-14 or equivalent record signed by an officer having at least one year of experience as OICNW on vessels of 200 GRT/500 ITC or more
Approved Training	Basic Training (or continued competency)

Able Seafarer – Deck⁸

Assessments	Provide evidence of meeting the Standards of Competence specified in Table A-II/5 of the STCW Code.
Approved Training	Basic Training (or continued competency) Proficiency in survival craft (Limited or Full)

Officer in Charge of the Navigational Watch 3000 GT or More⁹

Assessments	Provide evidence of meeting the standard of competence specified in Section A-II/1 of STCW Code Operational – Assessments (Coast Guard approved training may be used to satisfy portions of the assessment requirements) Must complete & attach Record of Assessment from NVIC 12-14 or its equivalent. May continue to use PL Ltr 11-07 assessments and training.
Approved Training	Basic Training (or continued competency) Basic and Advanced Fire Fighting Course, within 5 years of application date, Medical First Aid Provider Search and Rescue Terrestrial Navigation Celestial Navigation Electronic Navigation Systems Watchkeeping, including COLREGS and IMO Standard Marine Communication Phrases (SMCP) Basic Cargo Handling and Stowage Basic Ship Handling Basic Stability and Ship Construction Basic Meteorology Proficiency in Survival Craft (or PSC Limited) and Rescue Boats other than Fast Rescue Boats Medical First Aid Provider Visual Signaling

⁷ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_85_web.pdf?list4=%2Fnm%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_85_web.pdf&B2=GO%21

⁸ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_84_web.pdf?list4=%2Fnm%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_84_web.pdf&B2=GO%21

⁹ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_62_web.pdf?list2=%2Fnm%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_62_web.pdf&B1=GO%21

Bridge Resource Management
 Radar Observer Unlimited
 Leadership and Teamworking Skills
 ARPA (Optional, only if serving on a vessel with this equipment)
 GMDSS (Optional, only if serving on a vessel with this equipment)
 ECDIS (Optional, only if serving on a vessel with this equipment)

Chief Mate 3000 Gt Or More Management Level¹⁰

Assessments	Provide evidence of meeting the standard of competence specified in Section A-II/2 of STCW Code. Assessments for this endorsement (Coast Guard approved training may be used to satisfy portions of the assessment requirements). Must complete & attach Record of Assessment from NVIC 10-14 or its equivalent . <i>May continue to use Pol Ltr 04-02 until 3/2/2019.</i>
Approved Training	Basic Training (or continued competency) Basic and Advanced Fire Fighting Course within 5 years of application date, Advanced Ship Handling Advanced Stability Advanced Meteorology Leadership and Managerial Skills Search and Rescue Management of Medical Care Radar Observer Unlimited Leadership and Managerial Skills ARPA (Optional, only if serving on a vessel with this equipment) GMDSS (Optional, only if serving on a vessel with this equipment) ECDIS (Optional, only if serving on a vessel with this equipment)

Master 3000 Gt Or More Management Level¹¹

Assessments	Same as Chief Mate – if not previously completed; Provide evidence of meeting the standard of competence specified in Section A-II/2 of STCW Code Management Level – Assessments for this endorsement (Coast Guard approved training may be used to satisfy portions of the assessment requirements). Must complete & attach Record of Assessment from NVIC 10-14 or its equivalent. <u>May continue to use Pol Ltr 04-02 until December 31, 2016 regardless of when your service started.</u>
Approved Training	Basic Training (or continued competency) Same as Chief Mate – if not previously completed

Note: Applicants for an original MMC endorsed as Master Unlimited and STCW 3,000 GT or More must also meet the Other Requirements listed on the OICNW checklist if the mariner does not hold or has not previously held an STCW endorsement as OICNW, Chief Mate, or Master valid on vessels of 500 GT or more issued after 1997 (NVIC 02-14) (normally pertains to applicants with military or foreign service and do not hold an MMC).

¹⁰ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_61_web.pdf?list2=%2Fnmc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_61_web.pdf&B1=GO%21

¹¹ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_60_web.pdf?list2=%2Fnmc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_60_web.pdf&B1=GO%21

Ratings Forming Part of the Engineering Watch – RFPEW¹²

Assessments	Provide evidence of meeting the Standards of Competence as specified in Table A-III/4 of the STCW Code. Record of Practical Performance Assessments from NVIC 07-14 (Enclosure 4).
Approved Training	Basic Training (or continued competency)

Able Seafarer-Engine

Assessments	Provide evidence of meeting the Standards of Competence as specified in Table A-III/5 of the STCW Code. Record of Practical Performance Assessments from NVIC 18 -14 (Enclosure 4).
Approved Training	Basic Training (or continued competency)

Officer in Charge of an Engineering Watch¹³ (3rd Assistant and 2nd Assistant Engineer)

Assessments	Provide evidence of meeting the Standards of Competence as specified in Table A-III/5 of the STCW Code. Record of Practical Performance Assessments from NVIC 07-14 (Enclosure 4).
Approved Training	Basic Training (or continued competency) Engine resource management (ERM), including leadership & team working skill. Engineering terminology and shipboard operations. Auxiliary machinery Gas turbine plants, as applicable Steam plants, as applicable. Motor plants as applicable. Electrical machinery and basic electronics Control systems. Medical First-Aid Provider (Formerly Medical Care Provider) Basic Fire Fighting Advanced Firefighting Personal Survival Craft

¹² http://www.useg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_87_web.pdf?list8=%2Fnmc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_87_web.pdf&B3=GO%21

¹³ http://www.useg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_71_web.pdf?list6=%2Fnmc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_71_web.pdf&B5=GO%21

1st Assistant and Chief Engineer¹⁴

Assessments	Provide evidence of meeting the Standards of Competence as specified in Table A-III/5 of the STCW Code. Record of Practical Performance Assessments from NVIC 17 – 14 (Enclosure 4).
Approved Training	Basic Training (or continued competency) Engine Resource Management (ERM) Advanced Fire Fighting Course, unless previously met PSC Medical Care Provider

¹⁴ http://www.uscg.mil/nmc/checklists/pdfs/mcp_fm_nmc5_69_web.pdf?list6=%2Fnmc%2Fchecklists%2Fpdfs%2Fmcp_fm_nmc5_69_web.pdf&B5=GO%21

**An Example from
USCG Machinery
Technician (MK)
similar to Navy's Machinist's Mate (MM)**

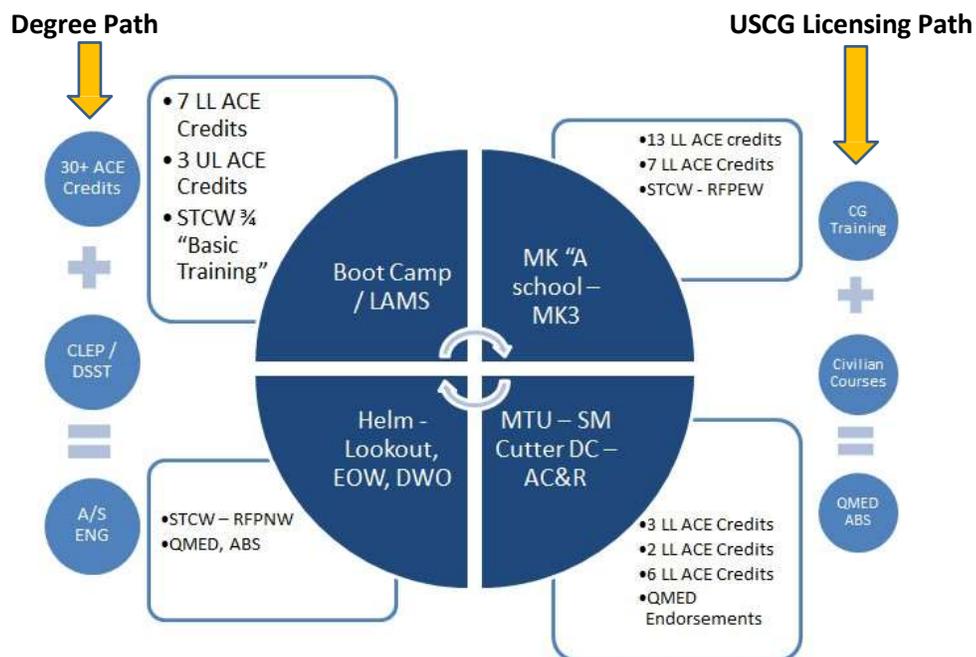
Example of Mapping Your Military Skills to a Merchant Mariner License Requirement

The following is an account of the Coast Guard Machinery Technician (MK) Rating Force Master Chief's effort to map his USCG training to Merchant Mariner License requirements. Use this as an example of how you can do similar mapping to your Navy occupation.

Approach

Approach mapping the USCG licensing/certification process with the same mindset a earning a college degree. No single course will give you a degree, and a combination of courses can give you most of the requirements for more than one type of degree. Similarly, Merchant Mariner Credentials can be earned in a piecemeal fashion over the course of your career. Just like ACE recommended college credits, training requirements only count if you use them.

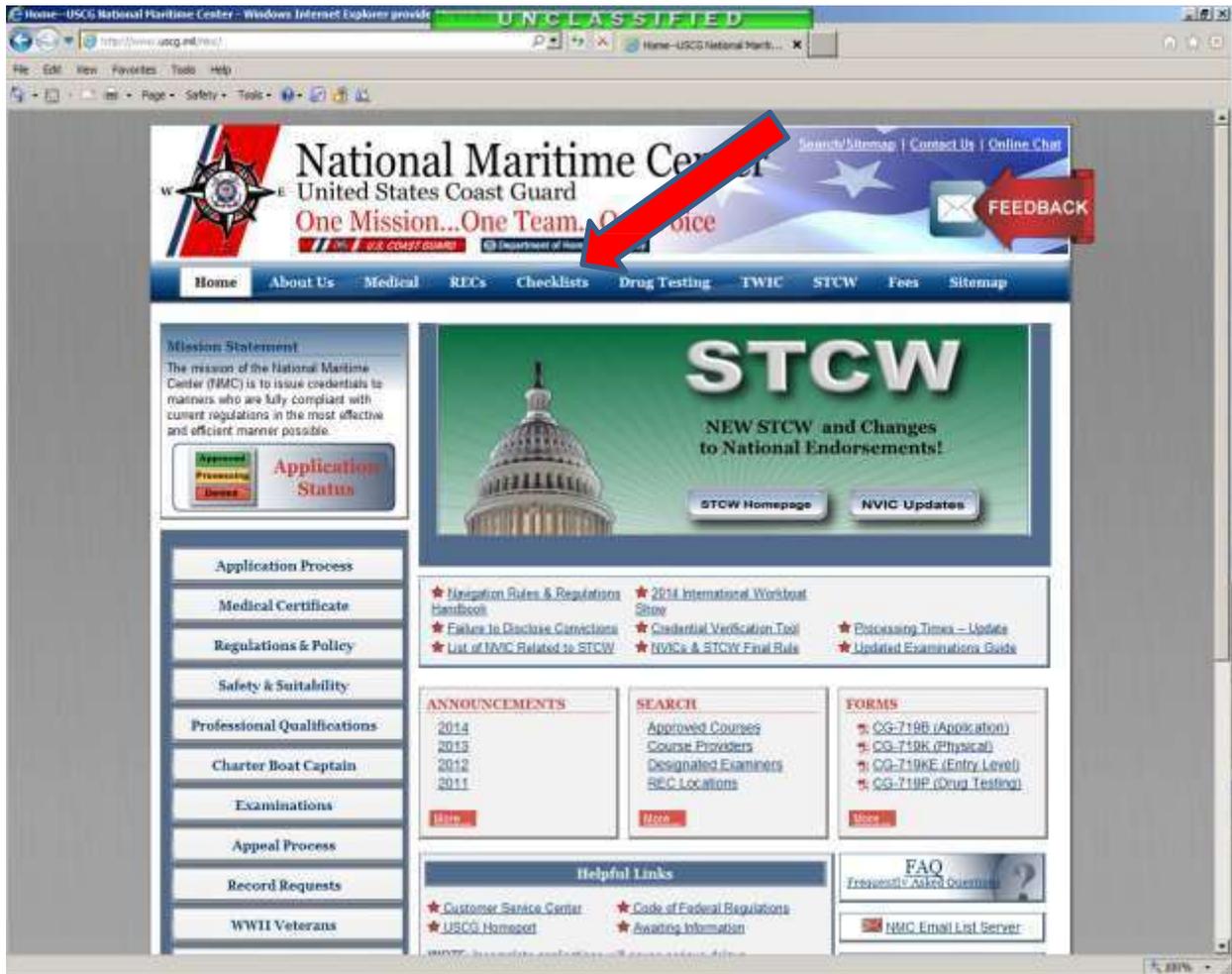
Both paths displayed below demonstrate how Boot Camp / Leadership and Management School (LAMS)....and Rating 'A' School....and Motor Turbine Unit (MTU), Small Cutter Damage Control (SM Cutter DC); Air Conditioning and Refrigeration (AC&R) training....and shipboard watches and qualifications/watches....can accumulate and contribute towards a Degree and/or a USCG License.



Similarities between Degree Program (left side) and USCG Licensing (right side)

Where to Start:

- 1) First, log into <http://www.uscg.mil/nmc/>. This site contains the requirements for the different endorsements.
- 2) Next, start by opening the checklists. You can also search for “military” and find information concerning TWIC, medical and other standard screening requirements at: http://www.uscg.mil/nmc/professional_qualifications/default.asp?tab=1#TabbedPanels1.



Opening the Checklists on the NMC Website

- 3) There are two kinds of endorsements: **National Endorsements** and **Standards of Training, Certification, and Watchkeeping (STCW)**. There are checklists available from the NMC that will serve as a mechanism to build your crosswalk.
- Take a look at Qualified Member of an Engineering Department (QMED). The governing document is NVIC 03-14. Machinery Technician (MK) may qualify for all five if they have had AC&R training...and the other four if they attended MK "A" school. MK "A" school is USCGTC-417 in NMC's database. Striking for MK does not meet the International Maritime Organization (IMO) requirements found in NVIC 03-14. This could also apply for the Navy MM-Machinist's Mate, GSM-Gas Turbine System Technician Mechanical and GSE-Gas Turbine System Technician Electrical.
- 4) Military training and courses may qualify toward the evaluation of various National ratings and endorsements. Training and courses must be National Maritime Center approved and applicable to the National rating requested. These courses will only be credited within the parameters of the existing approval and may cover any combination of training, assessments, or examinations. [NOTE: Required sea service is not typically covered by training]



Announcements, National Ratings, and STCW Ratings on NMC Website

**NATIONAL QUALIFIED MEMBER OF THE ENGINE
DEPARTMENT (QMED) § 12.501**

NAME: REFERENCE #: DATE:

General Requirements	Reference: 46 CFR	
CG-719B Application	10.209 /10.25 10.231	
TWIC (Identification, Fingerprints, Citizenship, Social Security number, etc)	10.203 /10.207 10.209 /10.225 10.231	
Photograph (supplied by TSA)	10.209	
Verify MMLD set to "Y" for SSEB screening	10.211 /10.214	
Medical Certificate in MMLD	10.301 /10.302	
Drug testing compliance (within 6 months) Note: Only required for first QMED endorsement unless also renewing	10.209 /10.225 10.231	
Mariner Fees	10.219	
Ensure all appropriate fees have been paid		
Sea Service letters or discharges (MUST verify vessels in MISLE) Entered on spreadsheet (optional)	10.232	
Sea Service Requirements	Reference: 46 CFR	
180 days of service in a rating at least equal to that of a wiper or coal passer. •Electrician/Refrigerating Engineer •Oiler •Fireman/Watertender •Junior Engineer •Pumpman/Machinist •QMED – Any Rating (must hold all 5 ratings to be endorsed) Approved training programs, other than those classified as a school ship, may substitute for up to one-half of the required service. OR	12.501	
(1)A graduate of a school ship may qualify for a rating endorsement as QMED, without further service, upon satisfactory completion of the program of instruction. For this purpose, school ship is interpreted to mean an institution that offers a complete approved program of instruction, including a period of at-sea training, in the skills appropriate to the rating of QMED. (Please refer to COAP for approved school ships and the scope of their approvals.) (2)Training programs, other than those classified as a school ship, may be substituted for up to one-half of the required service. The service/training ratio for each program is determined by the Coast Guard. (Please refer to COAP.)	12.503	
Sea Service Requirements If service before March 24, 2014		
If mariner's service or training started prior to March 24, 2014, the mariner may qualify, test and be issued for the single ratings of Pumpman; Machinist; Electrician and Refrigerating Engineer		

MCP-FM-NMCS-55 (02)

Example of National Rating for QMED Checklist (PAGE 1) from the NMC Website

NOTES: •Mariners holding a single rating that is now combined and request the combined rating will need to pass the appropriate exam. •After March 24, 2015, we will not issue original single ratings nor will we issue original Deck Engine Mechanic or Engineman. •Mariners may renew any previous endorsement as is. •If service started BEFORE March 24, 2014, and has qualified prior to March 24, 2015 (including service and exam), they can still qualify for single ratings, Deck Eng Mechanic and Engineman if they choose. •If service started ON OR AFTER March 24, 2014, the mariner can only receive combined ratings and cannot receive Deck Engine Mechanic or Engineman.	12.501		
	NVIC 02-14		
	Other Requirements	46 CFR	
	Age 18	12.501	
	EXAMS See Exam Guide		
Course completion certificate in lieu of Coast Guard examination			
Exam codes & credential testing comments entered in MMLD	12.505		
Exams administered - Circle appropriate exam guide used Prior to March 24, 2014 After March 24, 2014			
Exam scores entered in MMLD			

Notes

- 1.Engineer Officers will be endorsed for all entry level ratings and any other QMED ratings for which they qualify.
- 2 After March 24, 2014, we are no longer using "Any Unlicensed Rating in the Engine Department" for mariners who previously held this it will be replaced with QMED-Any Rating.
- 3 All others must pass the individual QMED examinations to receive the corresponding individual QMED rating endorsements. (12.201).
- 4.If all QMED exams passed, will receive QMED – Any Rating.

Notes:

MCP-FM-NMC5-55 (02)

Example of National Rating for QMED Checklist (Page 2) from the NMC Website

- 5) Now look at the STCW Ratings checklist for Rating Forming Part of an Engineering Watch (RFPEW): <http://www.uscg.mil/nmc/checklists/default.asp>

The difference between cross walking QMED and RFPEW is...the availability of specific NVIC's. Once you have the NVIC checklist, you can crosswalk your training directly to the STCW training requirements. RFPEW is 07-14 and OICEW is 17-14. The NMC workforce wants to help you earn a license, but they cannot grant them unless there is evidence you meet the legal requirements. You are not requesting special treatment, so this is how you prove you are qualified.



Pulling up STCW-RFPEW from the NMC Website

STCW RFPEW § 12.609

NAME: _____ REFERENCE #: _____ DATE: _____

General Requirements		Reference:	
CG-719B Application		10.209 /10.225 10.231	
TWIC (Identification, Fingerprints, Citizenship, Social Security number, etc)		10.203 /10.207 10.209 /10.225 10.231	
Photograph (supplied by TSA)		10.209	
Verify MMLD Set to "Y" for SSEB Screening		10.211 /10.214	
Verify Medical Certificate in MMLD		10.301 /10.302	
Sea Service Letters or Discharges (MUST verify vessels in MISLE) Received & Entered on Spreadsheet		10.232	
Sea Service Requirements & Competencies		Reference:	
1. 180 days of seagoing service, which includes training and experience associated with engine room functions, and involves the performance of duties carried out under the supervision of an engineer officer or a qualified STCW rating, OR		12.609 NVIC 1-06 NVIC 07-14 STCW III/4	
2. Proof successful completion of a Coast Guard-approved or accepted training, which includes: <ul style="list-style-type: none"> • Not Less than 60 days of approved seagoing service 			
Competencies		Reference:	
Provide evidence of meeting the Standards of Competence as specified in Table A-III/4 of the STCW Code:		12.609 NVIC 1-06 NVIC 07-14	
1. Record of Practical Performance Assessments from NVIC 14 (Enclosure 4) signed by an officer having at least one year of experience as OICEW on vessels of the applicable propulsion mode(s) of at least 750kW/1,000HP (assessor has held OICEW for at least one year and his/her endorsement has the appropriate HP and propulsion limitations).			
Grandfathering			
Until December 16, 2016, mariners may use some or all of the former assessments from NVIC 01-06 to meet the equivalent assessments specified in NVIC 07-14. Use the crossover table from NVIC 07-14 (Enclosure 5) and include with this checklist.			
Limitations			
Per Enclosure 4 of NVIC 07-14, based on the assessments completed, a mariner may qualify for one of the following limitations:			
"Not valid for steam vessels"			
"Not valid for steam vessels or for motor and/or gas-turbine propelled vessels without distilling plants."			
"Not valid for steam vessels or for motor and/or gas-turbine propelled vessels without waste-heat or auxiliary boilers."			
"Not valid for gas-turbine propelled vessels."			
"Not valid for motor vessels."			
"Not valid for motor and/or gas-turbine propelled vessels."			
Approved Training		46 CFR	
Basic Training (or continued competency)		12.602	
Other Requirements		46 CFR	
Age 16		12.609	

MCP-FM-NMC5-87 (01)

Example of STCW RFPEW Checklist (Page 1) from the NMC Website

6) Once, you have your list of courses and watch qualification packages, (Navy PQS) now what?

This is the difficult part of the process.

- You have to look for the task-list in the NVIC and link them to a reference from your training history. (I used the NVIC for RFPEW and OICEW with the FRC.)
- As you can see below, the FRC underway requirement from page 9 meets the RFPEW NVIC number 1.1.a.
- If this sounds confusing, just imagine what the Coast Guard employee at the National Maritime Center feels when they receive Coast Guard employee’s request without a crosswalk.
- It took me about six hours to complete both the RFPEW and OICEW for an MK with “A” school. This is not a difficult process; it just takes some time to get right.

FRC page number	RFPEW	FRC page number	DICEW
9	1.1.a	6-9	1.1.a
9	1.1.b(s)	6-9	1.1.b
33	1.1.b(m)	6-9	1.1.c
Equipment not available	1.1.b(g)	6-9	1.1.d
28, 29	1.1.c	9	1.1.e
19	1.1.d	6	1.1.f
23	1.1.e	13, 21, 57	1.2.a
9, 21, 28, 29, 32	1.1.f	7, 15, 16, 23, 38	1.3.a
21	1.1.g	7, 45, 46, 57	1.3.b
Equipment not available	1.1.h(s)	6-9	1.3.c
13, 33	1.1.h(m)	44	1.3.d
22	1.1.h(m/g)	6-9	1.4.a
Equipment not available	1.1.i(s)	5, Requirement of employment	2.1.a
15	1.1.i(m)	26, 38	3.1.a
33, 34, 35, 36	1.1.i(g)	7, 8	4.1.a
42, 43	1.1.j	Equipment not available	4.1.b
26, 38	1.1.k	Equipment not available	4.1.c
9	1.2.a	38, 48, 58 pre-requisite damage control / fire fighting	4.2.a
9	1.2.b	Equipment not available	4.2.b
9, 13, 24	1.2.c	11, 13 (diesel only - no gas turbine/boiler)	4.3.a
Course USCGTC-417	1.2.d	Equipment not available	4.3.b
9	1.2.e	7, 9, 13	4.3.c
21	1.2.f	Equipment not available	4.3.d
31, 32	1.3.a	Equipment not available	4.3.e
31, 32	1.3.b	13	4.3.f

Linking a reference from your training history to a task-list in the NVIC

Watch Qualification System
WQS Performance Sign Off for FRC EOW Version 1.0, October 2013

Watchstander Duties: Perform Individual Watch Routines

Given the equipment below, perform individual watch routines in accordance with the Engineer Petty Officer's Standing Orders.

Equipment

- Personal Protective Equipment (PPE)
- Round Sheet Clipboard

Evaluation Criteria

Perform the 0000 - 0400 Watch Routine

Enabling Objectives/Steps	Initial
1. Complete and file day's logs.	
2. Initiate new day's log.	
3. Check applicable L/O levels, add if needed.	
4. Extract fluid samples from online machinery.	
5. Initial each step on the Engineering Watch Routine checklist.	
6. Perform air compressor blow down.	

Perform the 0400 - 0800 Watch Routine

Enabling Objectives/Steps	Initial
1. Clean up machinery spaces and remove all trash.	
2. Check applicable L/O levels, add if needed.	
3. Initial each step on the Engineering Watch Routine checklist.	
4. Test fluid samples taken during previous watch.	
5. Complete small boat checks.	
6. Report small boat checks.	

The checklist maps to the task list.

Enclosure (2) to NVIC 07-14

Assessment Guidelines for Ratings Forming Part of an Engineering Watch

Task No.	STCW Competence	Knowledge, Understanding and Proficiency	Performance Condition	Performance Behavior	Performance Standard
L.L.A. All	Carry out a watch routine appropriate to the duties of a rating forming part of an engine-room watch.	Engine-room watchkeeping procedures	On a vessel,	the candidate makes an engine room round.	The candidate: <ol style="list-style-type: none"> 1. Inspects, monitors, and checks system parameters of all auxiliary systems and machinery, and main propulsion machinery, check operating pressures, temperatures, flow and level indicators, and collect readings for log book entry; 2. Inspects bilges and pump as necessary, notes piping condition in bilges and conducts visual inspection of sea chests; 3. Checks machinery spaces for all signs of fire, flooding, loss of lighting, and electric shock hazard; 4. Wipes up all spilled oil; 5. Inspects all system and machinery piping for signs of leaks; 6. Monitors all applicable strainer and filter pressure drops; 7. Checks electric motors and machinery for overheating; 8. Investigates any abnormal sounds, vibrations, or odors, as well as loose fittings, nuts, bolts, flanges, clamps, langes, and connections; 9. Checks for any gear adrift or machinery guard not in place; 10. Notifies watch engineer of any unusual or unsafe conditions; 11. Takes appropriate action to correct any unusual or unsafe condition; 12. Demonstrates proper keeping of the bell book; and 13. Takes proper action to prevent safety and pollution violations.

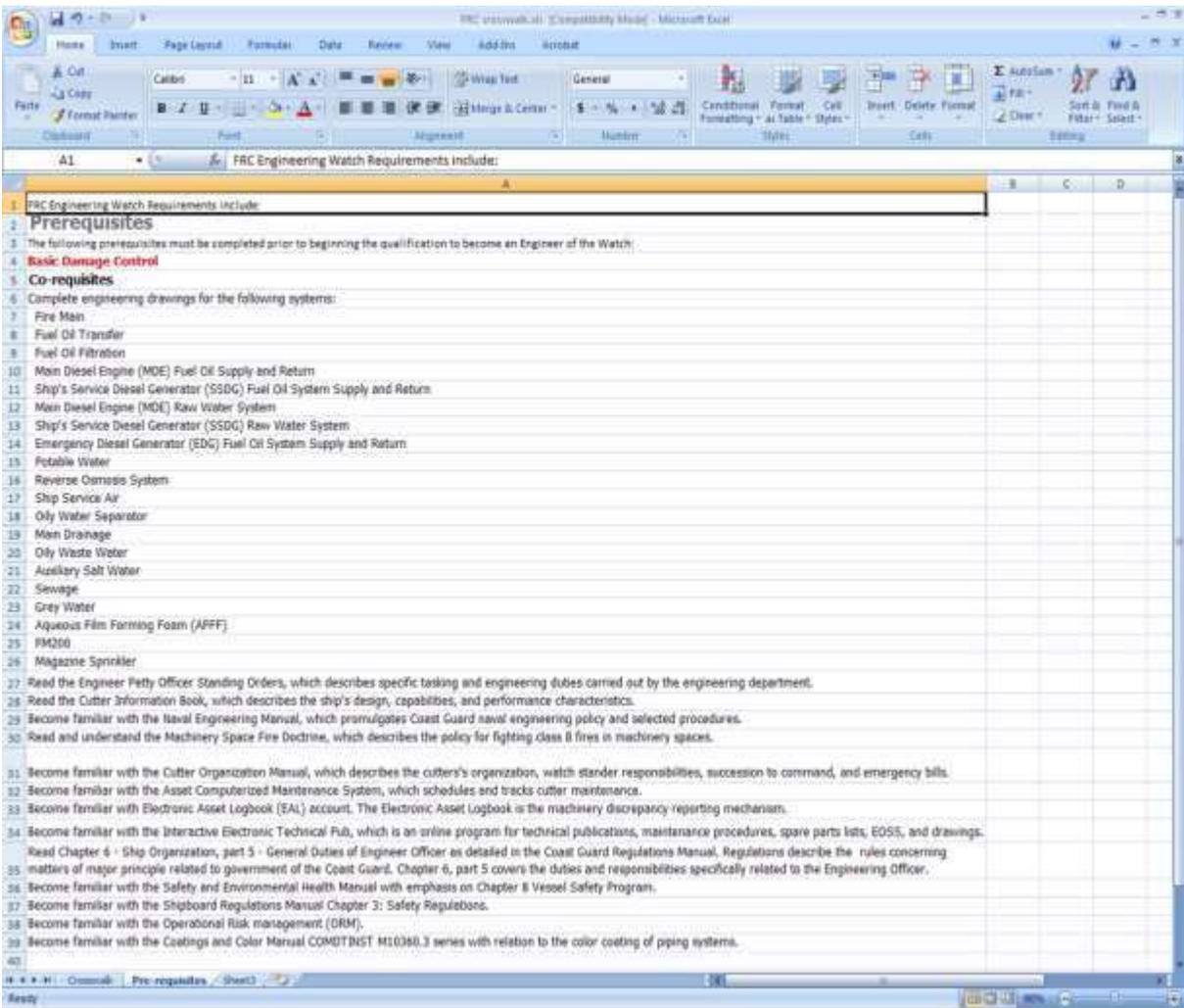
Successful completion of these assessment Guidelines will provide satisfactory evidence of meeting the standard of competence specified in Section A-219 of the STCW Code. The use of these Assessment Guidelines is not mandatory and alternative means of having achieved the standards of competence in the STCW Code will be considered. In accordance with 46 CFR 16.407(e), alternative assessment Guidelines may be submitted to the National Maritime Center and approved before use.

2

Linking a reference from your training history to a task-list in the NVIC

7) Don't forget about prerequisites for your most senior underway watch.

- I used the FRC EOW qual (i.e. Navy PQS) as an example.
- While we take things like line drawings for granted, much of that kind of work can be used because there are training objectives and lesson plans with specific directions.
- I had to submit lesson plans with MK "A school and basic training.
- The WQS shows pictures and lists steps with specific gear, unlike RPQ's which are too generic to reference.



Prerequisites from USCG WQS (similar to Navy PQS)

8) Finally, research the basic processes and training requirements.

- You, more than likely, will not meet the basic training or minimal safety training standards required in the Merchant Marines so you will have to attend training in the civilian sector. For example: the Navy does not train towards cold water immersion.
- Fortunately, there are many civilian courses available for things like cold water immersion, life raft and fire-fighting training.
- The Navy does have several courses approved by the NMC, like:

Navy Advanced Shipboard Firefighting (J-495-0419)

[https://www.cool.navy.mil/usn/Publications/Advanced Fire Fighting USCG Approval GSM GSE thru Apr2015.pdf](https://www.cool.navy.mil/usn/Publications/Advanced_Fire_Fighting_USCG_Approval_GSM_GSE_thru_Apr2015.pdf)

- Conduct a search for training and look under “courses” “search by courses” for opportunities in your area. The Navy is working to gain official recognition of our training but it is unlikely we will fill all gaps.

[http://www.uscg.mil/nmc/announcements/pdfs/Application Acceptance CkIst 13.pdf](http://www.uscg.mil/nmc/announcements/pdfs/Application_Acceptance_CkIst_13.pdf)

<http://www.uscg.mil/nmc/courses/default.asp?tab=0#TabbedPanels1>

Navy COOL 4- Step Process

Navy COOL Credentialing 4-Step Process

Navy COOL plays a role in a four-step credentialing process, but some steps require you to reach out to the credentialing agency or exam vendor. The four basic steps are shown across the top of every page. This guide and the Navy COOL website provide additional information on each step. You should review this carefully to understand the entire process.



4-Step Process. Ref: Navy COOL website: <https://www.cool.navy.mil/usn>

NAVY COOL
Credentialing Opportunities On-Line

COOL Overview | Credentialing Basics | Costs & Funding | Resources & Links | News & Information | Contact

1 Find & Select Related Credentials | 2 Complete Voucher and Apply | 3 Get Credential | 4 Report Results to Navy COOL

Getting a Credential in Four Steps

COOL plays a role in a four-step credentialing process, but some steps require you to reach out to the credentialing agency or exam vendor. The four basic steps are shown across the top of every page and this section provides additional information on each step. You should review this carefully to understand the entire process.

Step 1 - Find & Select Related Credentials

Search by rating...

Use COOL's Find feature to see how your Navy training and experience matches up with civilian credential requirements. It's easy to use and you can search in lots of different ways: by rating, designator, and collateral duties or out-of-rate assignments.

[Learn more](#)

[Search now!](#)

Step 2 - Complete Voucher and Apply

Once you have selected a credential and confirmed your eligibility for that credential, you're ready to complete your voucher and apply for the credential you need.

[Learn more](#)

Step 3 - Get Credential

Navy COOL is not a credentialing organization. You do not sign up for or take exams from Navy COOL. Once you get a voucher, you will need to contact the credentialing organization or test vendor to schedule and take the exam.

[Learn more](#)

Step 4 - Report Results to Navy COOL

Once you've taken the appropriate exams or have met requirements for recertification, you are ready to report your results to COOL and other agencies, whether you passed or failed.

[Learn more about who needs your information](#)

Find

Credentialing Basics

Do I Need a Credential?

Types of Credentials

Why are Credentials Important?

How are Credential Requirements Determined?

Getting a Credential in Four Steps

Step 1: Find and Select Related Credentials

Step 2: Complete Voucher and Apply

Step 3: Get Credential

Step 4: Report Results to Navy COOL

Functions taking place on this website

Actions taken on other systems and via other means

http://www.cool.navy.mil/usn/credentialing_basics/process_overview.htm

Step 1 – Find & Select Related Credentials

Search by rating –

Use COOL's Find feature to see how your Navy training and experience matches up with civilian credential requirements. It's easy to use and you can search in lots of different ways: by rating, designator, and collateral duties or out-of-rate assignments.

Often there are lots of credentials out there related to your Navy training and experience so it's important that you research them carefully and consider the following:

Experience & Background

Your service in the Navy is a great asset to you and will set you up nicely to attain the credentials you want. When you are searching, you will do so based on factors associated with your rating, designator, and collateral duty or out of rate assignment. Keep in mind that some credentials might be open to you as you gain rank, too!

Timing

Some credentials are better attempted prior to separating from the Navy: some may even be more useful to you and help you advance your career before you separate. No matter the path you choose, consider how long the credential might take to achieve as a part of your decision-making process. See [Do I Need a Credential?](#) For more information about factors you might consider.

Credential Eligibility

Credential agencies may have education, training, experience, and other requirements associated with a credential. To learn more about credential eligibility requirements go to [How are Credential Requirements Determined?](#) Then be sure to find out if you are good to go or not by reviewing all of the eligibility requirements for the particular credential. The eligibility requirements for the credential can be found by clicking on the credential title once you have used the [Find & Select Related Credentials](#) function.

Step 2 – Complete Voucher and Apply

Once you have selected a credential and confirmed your eligibility for that credential, you're ready to complete your voucher and apply for the credential you need.

To be ready to complete your voucher and apply to receive funding, you must:

- ✓ Check your voucher eligibility
- ✓ Request a voucher
- ✓ Get the voucher

Check Your Voucher Eligibility

In the first step of the process, you will have determined whether you meet the credential agency eligibility requirements. Now you need to make sure you meet the Navy's voucher eligibility requirements. The eligibility requirements for a credential are detailed in two places on COOL:

- (1) read about the [Navy's Voucher Eligibility Requirements](#), and
- (2) at the top of any page, click on Step 2 "Complete Voucher and Apply" to complete the Voucher Eligibility Tool.

Request a Voucher

Once you have completed the Voucher Eligibility Tool and determined that you are eligible for a credential, you can apply for a voucher from the Navy's Credential Program Office. It is important to note that you must receive approval for a voucher from the Navy's Credentials Program Office BEFORE registering for, scheduling or taking an exam, or taking any other action that requires payment.

To find out more about the timing of requesting a voucher, check out [What is the timeline for receiving funding for credentials?](#)

To apply for a voucher, click on Step 2 "Complete Voucher and Apply" at the top of any page.

Get the Voucher

Once you have applied for a voucher through Navy's Credential Program Office, you will receive an e-mail approving your voucher request, and you'll need to wait for a further email once funding is in place... or you will receive an email rejecting your voucher request along with an explanation of why and how to correct it.

It is important to note that you are not authorized to register, schedule, or take an exam, or take any other action that requires payment until you receive specific approval (via email from Navy COOL) that your credential fee has been funded. Navy COOL will also provide next steps via email to register, take, or apply the funding arranged.

Step 3 – Get Credential

Register & Take Exam

Once your credential is funded by Navy COOL, it's time to register & take the exam (or complete other actions (i.e. application or finalize annual maintenance fees).

- It is important to note that Navy COOL is **not** a credentialing organization– you do not sign up for or take exams from Navy COOL.
- Navy COOL funds credential application fees, exams, and annual maintenance fees.
- Navy COOL does not fund for training, study guides, exam preparation, or continuing education.
- Once you have an approved and funded exam voucher from Navy COOL...Navy COOL will provide you the directions on how to register and take your exam.
- You are responsible for contacting a credential exam test center (i.e. Pearson VUE, ProMetric, New Horizons, LaserGrade, etc...) to schedule the exam.
- You must schedule and take your exam within 60 days of issue of the Navy-funded voucher or the voucher expires (unless specifically coordinated with the Navy's

Credentials Program Office for an extension).

- In most cases, the member must schedule and take the credential exams within 60 calendar days from receipt of your voucher (date the exam was funded). If the member's certification exam process takes longer than 60 days he/she must call or email the Navy's Credentials Program Office (navycool@navy.mil) [(850) 452-6683/6664] to request a time waiver for going beyond the 60 calendar day limit. Vouchers not used in the approved timeframe will be recalled and the member will no longer be authorized to use the voucher.
- The exam voucher/funding is non-transferable and may only be used by the individual specifically issued, towards the specific exam that was funded. The member may be subject to administrative and/or disciplinary action if he/she attempts unauthorized use of the voucher.
- The following is a list of common test vendors. [Navy COOL does not endorse any of the following vendors, but lists them here for your convenience.]

Test Vendors

- [CATS](#)
- [Certiport](#)
- [Comira](#)
- [KRYTERION](#)
- [LaserGrade](#)
- [Pearson VUE \(off-base testing\)](#)
- [Pearson VUE \(military on-base testing\)](#)
- [Pearson VUE \(map of on-base testing locations\)](#)
- [Prometric](#)

Step 4 – Report Results to Navy COOL

Once you've taken the appropriate exams or have met requirements for recertification, you are ready to report your results to COOL and other agencies, whether you passed or failed.

When you've completed your credential exam, taken a test, or met recertification requirements, you must provide the results to the following groups, **regardless of whether you Passed or Failed!**

These groups are:

- The Navy's Credentials Program Office: email 1) Pass/Fail and 2) Your Score (if relevant) to: navycool@navy.mil

- Your Supervisor
- Your Local Approving Official

Next, check below for specific requirements for Enlisted Service Members or Officers.

Enlisted

Passing scores should be reported to your PSD for service record entry. For Joint Service Transcript (JST) entry you may mail, email or fax JST Operations at Naval Education and Training Professional Development Command (NETPDC) in Pensacola, Florida.

You should provide only “Certified True Copies” or “Notarized” copies of your credential completion certificate to JST Operations.

- JST entries via web/Internet:
Website: <https://jst.doded.mil>. When logging in, click “My Inquiries” and create a new inquiry requesting your certification/license be added. You can then attach your certification inside the request/JST and it will be added.
- JST entries via email:
jst@doded.mil. In your email, be sure to include:
RANK/RATE
Last 4 only of SSN
Phone
Email address
- JST entries by fax:
Fax: (850) 473-6013 or DSN 753-6013. On your fax cover sheet, be sure to include:
RANK/RATE
Last 4 only of SSN
Phone
Email address
- JST entries by mail or hardcopy:
NETPDC
ATTN: JST Operations Center, N615
6490 Saufley Field Road
Pensacola, FL 32509
- For assistance in JST, contact:

NETPDC

Attn: JST Operation Center, N615
6490 Saufley Field Road
Pensacola, FL 32509
Website: <https://jst.doded.mil>
E-Mail: jst@doded.mil
Fax: (850) 473-6013 or DSN 753-6013

Officers

Add entry to OSR/ODC (PASS ONLY)

Department of the Navy Civilians

Ensure copy of certification is provided to your local Human Resources/N1 (PASS ONLY)

Visual Walkthroughs

Visual Walkthrough to Find a USCG License via Navy COOL

1. Select your Enlisted Rating or Officer Designator



<https://www.cool.navy.mil/usn>

2. Select a USCG License

Related Credentials

National Certifications and Federal Licenses

The following civilian credentials are related to BM-Boatswain's Mate. These credentials may require additional education, training or experience. For more information about these credentials, click on the credential title below. For more supervisory and managerial credentials, please refer to the [Leader \(All enlisted E-4 and above\) Collateral Duty page](#).

National Certifications and Federal Licenses

Table Legend | Help | Print

Show 10 entries

Search:

Active Filters

Most: X | Some: X

Showing 1 to 10 of 22 entries (filtered from 40 total entries)

Credential	Agency	Related Ac	Navy\$	Gap Analysis	LaDR	GI Bill	Accreditation
Associate Safety Professional (ASP)	Board of Certified Safety Professionals (BCSP)	most	NAVY \$		ES		
Certified Safety Professional (CSP)	Board of Certified Safety Professionals (BCSP)	most	NAVY \$		ES	GI Bill	ANSI NCCA
Master Inland/Mate Near Coastal	United States Coast Guard (USCG)	ome	NAVY \$		ES		
Master of 100 GRT-Limited	United States Coast Guard (USCG)	ome	NAVY \$		ES		
Master of Towing Vessels-Limited	United States Coast Guard (USCG)	ome	NAVY \$		ES		
National 2nd Mate Unlimited OC or NC	United States Coast Guard (USCG)	ome	NAVY \$		ES		
National 3rd Mate Unlimited OC or NC	United States Coast Guard (USCG)	ome	NAVY \$		ES		
National Able Seaman (A/B)	United States Coast Guard (USCG)	most	NAVY \$		ES		
National Ballast Control Operator (BCO)	United States Coast Guard (USCG)	ome	NAVY \$		ES		
National Barge Supervisor	United States Coast Guard (USCG)	ome	NAVY \$		ES		

Showing 1 to 10 of 22 entries (filtered from 40 total entries)

Previous 1 2 3 Next

3. Research to Ensure Your Eligibility to Meet USCG Requirements

NAVY COOL
Credentialed Opportunities On-Line

COOL Overview | Credentialed Source | Costs & Funding | Resources & Links | News & Information | Contact

1 Find & Select Related Credentials | 2 Complete Voucher and Apply | 3 Get Credential | 4 Report Results to Navy COOL

United States Coast Guard (USCG) - Master of 100 GRT-Limited

Navy COOL Credential Snapshot

Credentialed Agency: [United States Coast Guard \(USCG\)](#)

Military Sea Service Requirement: Sea service requirements for original licenses and raises of grade are stated in [16 CFR Part 16 - Merchant Mariner Credential](#), and are based on service aboard U.S. merchant vessels. [46 CFR Part 12 - Requirements for Sea Endorsements](#) gives the requirements for unlicensed ratings. Military sea service experience must be a reasonable equivalent to the service required of a merchant mariner who is seeking an identical license or Merchant Mariner's Documents (MMD).

Criteria for Accepting Military Sea Experience: There are several criteria for accepting military sea experience. Application evaluations of military experience are conducted when a Transcript of Sea Service or equivalent information is submitted with an application. Generally, additional information will be required to verify claims of a higher percentage of underway time than the 60% normally required by the regulations. In addition, the Regional Examination Center may require an official description of out-of-statement, letters of qualification, service record entries, and letters from former supervisors or commanding officers. Additional details related to criteria for accepting military sea experience can be obtained from the [Marine Safety Manual-Vol III](#).

More information can be found on the certifying agency's website.

Related Occupations | Summary

Master of 100 GRT-Limited

Requirements have not yet been collected for this credential. In the meantime, you can click on the credential name at the top of the page for more information about the general requirements for this credential from the credentialing agency.

Agency Contact Information

United States Coast Guard (USCG)
United States Department of Homeland Security
2100 2nd St. S.W.
Washington, DC 20593-0001
Phone: (202) 267-0218
[Contact Page](#)

Additional information, Continuing Education

Additional Information | Assignments

Additional information

Additional information pertaining to BLM's [Continuing Education](#) page can be found below:

U.S. Coast Guard Licenses

Employment in the Maritime Industry requires licensing from the U.S. Coast Guard (USCG). The [USCG Marine Safety Manual, Chapter 2](#) discusses equivalent military service for consideration towards licenses/Merchant Mariner's Documents.

For more information, see the [USCG Civil Service](#) exam information.

There are several USCG licenses for which you may apply. Which license you may apply for is determined on a case-by-case basis, dependent upon: designation/rank, rank, time at sea, duties held, vessel GRT, location, qualified training, etc.

The [Code of Federal Regulations \(CFR\), Title 46](#) provides specific guidance and details on how to obtain a USCG license. See Chapter 1 Part 10 for Licensing of Maritime Personnel and Chapter 1 Part 12 for Certification of Seamen.

The ["Mariner Credentialing"](#) article, [USCG Proceedings Fall 2006: 20-23](#), summarizes the USCG licensing process.

The [U.S. Coast Guard Merchant Marine Licensing and Documentation](#) web site provides general information on credentialing of mariners.

The following links are helpful in obtaining additional information on Merchant Marine Examinations/Assessments, Merchant Marine Documentation, Merchant Marine/STCW Credentialing, and Merchant Marine Credential Fees:

- [Guide for Administration of Merchant Marine Examinations \(Deck and Engineering Guide\)](#)
- [Merchant Marine Occupational List](#)
- [Merchant Mariner Credential \(MMC\) & STCW Certifications for Unlicensed Personnel](#)
- [Merchant Marine Credential Fees](#)
- [Frequently Asked Questions](#)

Visual Walkthrough to Get Navy COOL Funding for a USCG License

The following describes the process for eligible **Navy ENLISTED personnel (Active Duty & Reserve)**. Navy COOL funding support is not available for Navy Officers or DON Civilians. Navy Officers and ineligible Navy Enlisted personnel may be able to use their Dept. of VA GI Bill. DON Civilians will have to find other funding means (i.e. out-of-pocket).

1. Select “Complete Voucher and Apply”



<https://www.cool.navy.mil/usn>

2. Complete the “Voucher Eligibility Tool”

Complete Voucher and Apply

Step 2: Complete Voucher & Apply

After you have chosen a credential, you will need to request an exam voucher. The Navy's Credentialing Program Office has a limited amount of certification/license exam voucher funds each year and vouchers are issued on a first-come, first-served basis.

To receive a certification or license exam voucher, you will need to review all of the questions attached to the Voucher Eligibility Tool to the right. We recommend that you also review the [Qualifier Frequently Asked Questions](#) and become familiar with the detailed [Exam Voucher Program Information](#) prior to completing and submitting your voucher request.

Process

To download, complete, and submit your voucher, follow the steps outlined below:

- Review all of the items listed on the Voucher Eligibility Tool to the right of this page.
- Confirm that you meet the requirements listed beside each box and mark each one with a check.
- When all the boxes are checked, you will be able to click & download the form. Please Note: The form is a Microsoft Word document; if you do not have Microsoft word, you will need a Microsoft Word compatible application (i.e. Open Office) in order to be able to make changes to the form.
- Open the document in Microsoft Word, fill it out as instructed, and save your changes.
- Finally, request that your Commanding Officer* submit the form on your behalf. He or she can:
 - Email the completed form to the Credentialing Program Office: navycpo@navy.mil
 - OR
 - Fax it to the Credentialing Program Office: (866) 452-6887

* A designated ET (or higher) Command Representative can also assist you with this task.

And that's it!

For further explanation of eligibility rules and the Navy-funded Exam Voucher Program, see the [Costs and Funding](#) page.

Once you have an approved exam voucher, click on (view) 3, "Get Credential," for further instructions.

Pre-Approved Reimbursement Requests

For information on obtaining reimbursements for exam fees, see [Navy Funded Exam Reimbursement](#).

Voucher Eligibility Tool

You must receive approval for a voucher from the Navy's Credentialing Program Office **BEFORE** registering for, scheduling or taking an exam, or taking any other action that requires payment!

NOT: Failure to receive a voucher approval in advance may mean that you have to pay for an exam yourself, without reimbursement from the Navy.

Review the items below and check off each item to affirm you are eligible to request a voucher. You may then download your form.

- I am entitled (i.e. Navy active duty or Navy Reserve, but not (RR) pay) to Office, or Civil Control for maintenance (Cybersecurity Workforce (CSWF) certifications).
- I meet one of the following criteria:
 - I am in the appropriate Enlisted Rating/Officer Designator/Civil Service Series or collateral duty/out of rate assignment to which the credential is mapped.
 - I am currently assigned to, or have been assigned to a position to which the credential is mapped.
 - I have your documented experience in a position to which the credential is mapped (for credentials outside of my specific rating, the credential has relevance or applicability to the current or future needs of the command or the Navy). Officers and Civil Control are currently ONLY funded for CSWF credentialing exams.
- I meet the credentialing agency's requirements for this credential.
- My Commanding Officer or a Command-designated ET or active approving official (Command 104 for CSWF personnel) will submit, before submitting the request made, ALL of the following criteria apply to Active Duty and Reserve personnel. For Civil Control CSWF, only the former obligation criteria below apply:
 - I have passed my most recent advancement exam.
 - I have passed, or been medically waived from, my most recent physical fitness assessment.
 - I have not received a judicial or court-martial punishment within the past 6 months.
 - I have been recommended for promotion or advancement on my most recent performance evaluation.
 - I have, at a minimum, one year remaining on my enlistment or military service obligation at the time I receive the certification for which I am requesting funding. (Special cases will be considered by the Navy's Credentialing Program Office, as stated in OPNAVINST 1142.004)
- The credential I want has a **NAVY** icon in its row in the credential table.
- I have verified that the exam I am requesting is offered at a date and location I can attend. [View Exam Locations and Dates](#)

Once you have confirmed all questions by checking each box above and you have ensured that you meet all eligibility requirements, click the "Get Form" button to download the form.

Note: If you do not meet the above criteria, you may be eligible for a voucher in accordance with OPNAVINST 1142.004. Review [Time of Service Waivers](#) to see if you're eligible.

Acknowledging all checkboxes will allow user to “Get Form”

3. Fill Out and Submit Voucher Request Form

The image shows two pages of a form titled "U.S. Navy Credentialing Program PROFESSIONAL CERTIFICATION AND LICENSING VOUCHER REQUEST".

Page 1 (Left):

- Header:** U.S. Navy Credentialing Program PROFESSIONAL CERTIFICATION AND LICENSING VOUCHER REQUEST
- Contact Info:** Command Representative Email to: navycool@navy.mil or Fax to: Comm: (850) 452-6897 DSN: 459-6897
- Privacy Act Statement:** "For Official Use Only - Privacy Sensitive - Any release or unauthorized disclosure may result in civil or criminal penalties."
- Authority:** 10 USC 2015, 5 USC 301, and 50 CFR 10103-5
- Principal Purpose(s):** The intent is to cover training, appearing, accounting, and obtaining professional exam vouchers as certified by Department of the Navy (DON) personnel.
- ROUTINE USE(S):**
- DISCLOSURE:** Voluntary, however, failure to furnish the information requested may result in denial of voucher request.
- FINALITY STATEMENT:** Any person incurring a criminal, civil, or financial liability against the United States Government may be required for up to five years (10 USC 2017 and 105), and 51 USC 20128.
- PART 1. Employee Information:**
 - 1. LAST NAME, FIRST NAME, FULL MIDDLE NAME (ALL CAPS), 2. 19-Digit CACEDP (see note on p. 2 of this document) GSAF
 - 3. Paygrade (i.e. E-6 O-2) or Enlisted Rating (i.e. HM3) or Officer Designation (i.e. 1031)
 - 4. If requesting for mandatory CWF related certification (WW Subd 807E 88), indicate your CWF Level (i.e. A1-D) (A1-D, MA), CND, or MSAE (ALL CWF must be properly registered in TWMS prior to funding)
 - 5. If requesting exam funding for a credential that is BQI on your Navy COOL rating page, what is the out-of-state assignment found on Navy COOL "Enlisted Search" dropdown? Have you performed duties in 70 use, see "Enlisted Search" tab on the 1st page of this document.
 - 6. Command UIC (i.e. 1031) and Command Name (i.e. CVN 65 Nikea TB)
 - 7. Applicant Official Military Email Address (i.e. sm. gov)
 - 8. Selected Officer Duty Station (check one box): Active Duty or Reserve
 - 9. EADS (mm/yy/yyyy) or other (mm/yy/yyyy)
 - 10. Office Phone: Overseas Country Code (if applicable), Com, Ext, or DSN
 - 11. Office Phone: Overseas Country Code (if applicable), Com, Ext, or DSN
 - 12. Related members: If your EADS is less than 1 year from the date Navy COOL receives this voucher request, you must meet one of the following conditions based on the "Related EADS" info on Pg 3 of this voucher request doc.
 - 13. Officers and Duty Station: Once your service is considered "retired", you must have minimum of 1 year remaining in post military service or Civil Service employment.
- PART 2. Certification / License History:**

12. Professional Certifications / Licenses Held (Must be complete if requesting exam or maintenance fee)	Date Awarded (mm/yy/yyyy)	Expiration Date (mm/yy/yyyy)	Your Certification or License ID (Assigned to you by certifying agency)
(1)			
(2)			
(3)			
(4)			

Page 2 (Right):

- 13. Name (Last, First, MI)** and **14. CACEDP**
- PART 3. Request for Certification / License Exam Voucher:**
 - 15. Certification / License Exam, Application Fee or Maintenance Fee you want funded: New or First Time requesting funding from Navy COOL towards this specific certification or license? **Recertification of credential in Part 2:** **Exam Fee - Take (CWR/SAOP Only):**
 - 16. Certifying Agency (i.e. CompTM, Microsoft, etc.)
 - 17. Testing Location (i.e. on-base overseas, off-base overseas, City/Country)
 - 18. Date you intend to take exam on: Date from site star (provide comments if beyond 60 days from exam):
 - 19. Comments/Notes to the Navy COOL staff:
- PART 4. Acknowledgments (Completed by Applicant and Verified by Command Approval):**
 - 20. I have read and understand the funding rules and eligibility requirements as displayed on page 3 of this voucher request document.
 - 21. I certify that I am eligible for this certification/ license exam.
 - 22. I certify that I am eligible for this certification/ license exam.
 - 23. I certify that I am eligible for this certification/ license exam.
 - 24. I certify that I am eligible for this certification/ license exam.
 - 25. I certify that I am eligible for this certification/ license exam.
 - 26. I certify that I am eligible for this certification/ license exam.
 - 27. I certify that I am eligible for this certification/ license exam.
 - 28. I certify that I am eligible for this certification/ license exam.
 - 29. I certify that I am eligible for this certification/ license exam.
 - 30. I certify that I am eligible for this certification/ license exam.
 - 31. I certify that I am eligible for this certification/ license exam.
 - 32. I certify that I am eligible for this certification/ license exam.
 - 33. I certify that I am eligible for this certification/ license exam.
 - 34. I certify that I am eligible for this certification/ license exam.
 - 35. I certify that I am eligible for this certification/ license exam.
 - 36. I certify that I am eligible for this certification/ license exam.
 - 37. I certify that I am eligible for this certification/ license exam.
 - 38. I certify that I am eligible for this certification/ license exam.
 - 39. I certify that I am eligible for this certification/ license exam.
 - 40. I certify that I am eligible for this certification/ license exam.
 - 41. I certify that I am eligible for this certification/ license exam.
 - 42. I certify that I am eligible for this certification/ license exam.
- PART 5. Certification and Signature of Applicant:**
 - 28. I certify that the Applicant signed in Block 1, and granted this voucher request and I personally completed Blocks 1 - 33.
 - 29. I certify that all statements in my application are true and correct to the best of my knowledge and belief.
 - 30. Full Name of Applicant (Printed)
 - 31. Signature of Applicant
 - 32. Date Signed (mm/yy/yyyy)
- PART 6. Command Approval (E-7/D-1 and above for status; any level) (Command (C) for maintenance CWF only):**
 - 33. I have reviewed this voucher request and certify that the applicant meets the requirements, EADS, and transfer of requirements stated in PART 4 above.
 - 34. I will ensure Applicant request exam results to Navy COOL, (navycool@navy.mil) within 90 days of the date in Block 42.
 - 35. I certify that Applicant named in Block 1 completed this voucher request and Applicant personally completed Blocks 1 - 33.
 - 36. Approved Voucher Request or Disapproved Voucher Request
 - 37. Full Name (Last, First, Middle)
 - 38. Phone Number
 - 39. Rank or Officer Title
 - 40. Official Email Address
 - 41. Signature
 - 42. Date (mm/yy/yyyy)

Fill out form and submit to Navy COOL (fax or email)

- If the voucher request is filled out correctly...and the Sailor meets Navy eligibility for Navy COOL funding...and the Sailor meets USCG licensure eligibility:
 - Navy COOL will email the Sailor stating their voucher request has been received and has been submitted for funding
 - Once the USCG License Application Fee or Exam Fee has been funded, Navy COOL will email the Sailor stating the Application Fee or Exam Fee has been funded and the Sailor may submit their USCG License Application, or register to take the USCG License Exam.

Visual Walkthrough to Get GI Bill Funding for a USCG License

The following describes the process for eligible Navy Officers and Navy Enlisted personnel to use their VA GI Bill. DON Civilians will have to find other funding means (i.e. out-of-pocket).

The screenshot displays the U.S. Department of Veterans Affairs website. The main navigation bar includes links for Health, Benefits, Burials & Memorials, About VA, Resources, News Room, Locations, and Contact Us. The current page is titled "Education and Training" and is part of the "Licensing and Certification" section. The left sidebar contains a tree view of navigation options, with "Licensing and Certification" selected. The main content area is divided into several sections: "Type of Assistance", "Available Benefits", and "Other Factors to Consider". Three red arrows point to these sections, indicating the focus of the walkthrough. The "Available Benefits" section states that VA pays only the test costs, up to \$2,000 for each test. The "Other Factors to Consider" section mentions that by certification, VA is referring to the certification you get by taking a specific test for a field of employment, and not a certificate you receive for completing training. The right sidebar features a "POST-9/11 GI BILL" logo, a "FAQS" section with a "Submit a Question" button, an "eBenefits" section with a "Check Your Current Post-9/11 GI Bill Enrollment Status on eBenefits" button, and a "VERIFY SCHOOL ATTENDANCE" section. A "RESOURCES" section at the bottom right lists links for "Benefits A-Z", "Federal Benefits for Veterans, Dependents, and Survivors", "Trouble Making Payments", and "New/Update Military ID Card".

http://www.benefits.va.gov/gibill/licensing_certification.asp

Visual Walkthrough to Submit a USCG Application for a USCG License

Follow the 7-Step application process described on the NMC website.

The screenshot shows the National Maritime Center website header with the USCG logo, contact information (1-888-427-5662), and a 'Contact Us' link. The main navigation bar includes links for Home, About Us, Medical, RECs, Checklists, Drug Testing, TWIC, STCW Rule, Fees, and Sitemap. A 'FEEDBACK' button is also visible.

IMPORTANT INFORMATION

Electronic Submission of applications reduces costs for mariners and the government. It is highly recommended that a mariner submit applications electronically.

This page provides basic information on how mariners can submit credential application packages using e-mail.

 Contact Us  FAQ

E-mail Submission of Merchant Mariner Credential Applications

The video to the right walks you through the e-submission process. For more information on filling out forms, check the links below.

- [Application Acceptance Checklist](#)
- [Application Process](#)
- [Professional Qualifications](#)



Printable E-mail Submission Instructions

Instructions for E-mailing Applications to an REC:

- Step 1:** Select an REC, and completely fill out all necessary application forms, using the Coast Guard's [Application Acceptance Checklist](#) as a guide for required documents.
- Step 2:** The e-mail attachment(s) must include a copy of your TWIC or TWIC application receipt.
- Step 3:** User fees (if applicable) must be paid using [www.pay.gov](#). The e-mail attachment(s) must include a copy of your pay.gov user fee receipt.
- Step 4:** Completed applications must be scanned at a resolution not exceeding 300 dpi, saved in PDF format, and not exceeding 8 megabytes (MB) in size. If e-mail size (including attachments) exceeds 8 MB, send documents in multiple e-mails.
- Step 5:** Look for the E-mail Application button at the bottom of the REC's webpage.
- Step 6:** The subject line of your e-mail must be: (Last name, first name, middle name, mariner reference #). Example: (Mariner, Johnny, L, #####).

Note: New applicants will not have reference numbers.

Step 7: Ensure all attachments are included, then send.

Please use the minimum number of e-mails to send your application and attachments.

https://www.uscg.mil/nmc/recs/e-mail_submit.asp

Visual Walkthrough to Schedule the Exam for a USCG License



<https://www.cool.navy.mil/usn>

1. Select "Schedule Appointment"

National Maritime Center
United States Coast Guard
One Mission...One Team...One Voice
U.S. COAST GUARD Department of Homeland Security

1-888-427-5662 Contact Us
FEEDBACK

Home About Us Medical RECs Checklists Drug Testing TWIC STCW Fees Search

IMPORTANT INFORMATION

Use the links below to schedule an exam or to see Frequently Asked Questions on Examinations.

[Schedule Appointment](#) [Exam FAQ](#)

Examinations

In addition to required sea service, training, and practical demonstration of skill, mariners are also required to successfully pass written examinations in order to earn credential endorsements. This applies to original endorsements, as well as raises of grade, increases of scope, and renewal, both for officer and rating endorsements. The deck and engineering officer endorsements requiring examination are listed in [46 CFR 11.903](#).

Announcements

[View new and archived announcements](#)

Home Regulations Effective Prior to March 24, 2014 Regulations Effective As of March 24, 2014

Home

On March 24, 2014, the Final Rule (78 FR 77796) titled Implementation of the Amendments to the International Convention on Standards of Training, Certification, and Watchkeeping for Seafarers (STCW), 1978, and Changes to National Endorsements became effective. This rule introduced changes to the content of Merchant Mariner Credentialing Examinations.

The examination information for mariners being evaluated under the regulations and policy in effect **prior to March 24, 2014**, can be found by [clicking here](#) or selecting the tab above.

The examination information for mariners being evaluated under the regulations and policy in effect **as of March 24, 2014**, can be found by [clicking here](#) or selecting the tab above..

In an effort to alleviate copyright issues, the National Maritime Center (NMC) continues to update the deck and engine illustration inventory. This is a long-term effort and users should check back periodically for updates.

<http://www.uscg.mil/nmc/training/exams/default.asp>

2. Select and Exam Location

The screenshot shows a web application interface for selecting a Regional Exam Center (REC). At the top, there is a dark blue header with the National Maritime Center logo on the left and the text "REC Appointments" in the center. Below the header is a light gray bar with the instruction "Please Select an Regional Exam Center (REC)". The main content area is a white box containing a list of 18 regional exam centers, each preceded by a radio button. A large red arrow points to the "Los Angeles, California" option.

REC Appointments

Please Select an Regional Exam Center (REC)

- [Anchorage, Alaska](#)
- [Baltimore, Maryland](#)
- [Boston, Massachusetts](#)
- [Charleston, South Carolina](#)
- [Honolulu, Hawaii](#)
- [Houston, Texas](#)
- [Juneau, Alaska](#)
- [Los Angeles, California](#)
- [Memphis, Tennessee](#)
- [Miami, Florida](#)
- [New Orleans, Louisiana](#)
- [New York, New York](#)
- [Oakland, California](#)
- [Portland, Oregon](#)
- [Seattle, Washington](#)
- [St. Louis, Missouri](#)
- [Toledo, Ohio](#)
- [Ketchikan, Alaska](#)
- [San Juan, Puerto Rico](#)

3. Select an Exam and Date

Applications Appointments

To cancel or change an appointment: Please contact the National Maritime Center at 1-888-427-5662 or IASKNMC@uscg.mil

Appointment Locator

REC New Orleans

Address
4250 HWY 22 STE F
MANDEVILLE, LA 70471

Select Exam
Written Exam - AM

Exam Registration

Written Exam - AM Date(s)
Prior to scheduling for this exam you MUST have an "Approved to Test" letter from the National Maritime Center.

Mon, 3/21/2016 (6 of 9 available)
Tue, 3/22/2016 (4 of 9 available)
Wed, 3/23/2016 (6 of 9 available)
Thu, 3/24/2016 (4 of 9 available)
Fri, 3/25/2016 (8 of 9 available)
Mon, 3/28/2016 (4 of 9 available)
Tue, 3/29/2016 (7 of 9 available)
Wed, 3/30/2016 (8 of 9 available)
Thu, 3/31/2016 (9 of 9 available)
Fri, 4/1/2016 (9 of 9 available)
Mon, 4/4/2016 (7 of 9 available)
Tue, 4/5/2016 (8 of 9 available)

**National Maritime Center (NMC)
Mariner Credentialing Program (MCP)**

Welcome to our on-line appointment system

YOU MUST POSSESS OR SHOW PROOF OF APPLYING FOR A TWIC AT THE TIME OF APPLICANT'S VESSEL SECURITY PLAN or have never previously held a TWIC

If you are requesting an appointment for First Class Pilot; Please contact the REC directly.

To get Started:

- 1) Choose the REC you would like to visit.
- 2) Choose the service that you require.
- 3) Select a staff member or No preference.
- 4) Select an OPEN day from the calendar.
- 5) Select an available time slot.
- 6) Complete the required information.
- 7) Finalize your appointment.

* You must make an appointment for each exam module.

Need an Application Package? Visit our website: www.uscg.mil/nmc

To pay your fees please visit: www.pay.gov

All inquiries should be made to: 1-888-IASKNMC (1-888-427-5662)
or email: IASKNMC@uscg.mil

To check the status of your application visit:
<http://homeport.uscg.mil/mycg/portal/ep/home.do>

Visual Walkthrough to Report USCG License Exam Results

If your Application or Exam was funded via Navy COOL, you must report your results to Navy COOL so the funding line can be closed.

You do not have to pay back Navy COOL for failed exams. However, if you fail an exam that Navy COOL has funded, Navy COOL cannot fund for that exact same exam again. This does not limit you to seek Navy COOL funding for other credentialing exams.



<https://www.cool.navy.mil/usn>

NAVY COOL
Credentiaing Opportunities On-Line

COOL Overview Credentiaing Basics Costs & Funding Resources & Links News & Information Contact

1 Find & Select Related Credentials 2 Complete Voucher and Apply 3 Get Credential 4 Report Results to Navy COOL

Step 4: Report Results to Navy COOL

Credentiaing Basics

Do I Need a Credential?

Types of Credentials

Why are Credentials Important?

How are Credential Requirements Determined?

Getting a Credential in Four Steps

Step 1: Find and Select Related Credentials

Step 2: Complete Voucher and Apply

Step 3: Get Credential

Step 4: Report Results to Navy COOL

When you've completed your credential exam, taken a test, or met recertification requirements, you must provide the results to the following groups, **regardless of whether you Passed or Failed!**

These groups are:

- The Navy's Credentials Program Office: email 1) Pass/Fail and 2) Your Score (if relevant) to: NAVCOOL@navy.mil
- Your Supervisor
- Your Local Approving Official

Next, check below for specific requirements for Enlisted Service Members or Officers.

Enlisted

Passing scores should be reported to your PSD for service record entry. For Joint Service Transcript (JST) entry you may mail, email or fax JST Operations at Naval Education and Training Professional Development Technology Center (NETPDTC) in Pensacola, Florida.

You should provide only "Certified True Copies" or "Notarized" copies of your credential completion certificate to JST Operations.

- JST entries via web/Internet:
Website: <https://net.doded.mil>. When logging in, click "My Inquiries" and create a new inquiry requesting your certification/license be added. You can then attach your certification inside the request/JST and it will be added.
- JST entries via email:
jsl@netdoded.mil. In your email, be sure to include:
RANK/RATE
Last 4 only of SSN
Phone
Email address
- JST entries by fax:
Fax: (850) 473-6013 or DSN 753-6013. On your fax cover sheet, be sure to include:
RANK/RATE
Last 4 only of SSN
Phone
Email address
- JST entries by mail or hardcopy:
NETPDTC
ATTN: JST Operations Center, N615
6490 Saufley Field Road
Pensacola, FL 32509
- For assistance in JST, contact:
NETPDTC
Attn: JST Operation Center, N615
6490 Saufley Field Road
Pensacola, FL 32509
Website: <https://net.doded.mil>
E-Mail: jsl@netdoded.mil
Fax: (850) 473-6013 or DSN 753-6013

Officers

Add entry to OSRR00C (PASS ONLY)

Department of the Navy Civilians

Ensure copy of certification is provided to your local Human Resources/N1 (PASS ONLY)

In most cases, the member must schedule and take the credential exams within 60 calendar days from receipt of your voucher (date the exam was funded). If the member's certification exam process takes longer than 60 days he/she must call or email the Navy's Credentials Program Office (navycop@navy.mil) (850) 452-6883/6884 to request a time waiver for going beyond the 60 calendar day limit. Vouchers not used in the approved timeframe will be recalled and the member will no longer be authorized to use the voucher.

The exam voucher/funding is non-transferable and may only be used by the individual specifically issued, towards the specific exam that was funded. The member may be subject to administrative and/or disciplinary action if he/she attempts unauthorized use of the voucher.

Contact Information

Contact Information

U.S. Navy Credentials Program Office/Navy COOL

Information Warfare Training Center
640 Roberts Ave
Corry Station, Bldg 502 Rm 104E
Pensacola, FL 32511

Office Hours: M-F, 07:00 – 16:00 CST

(850) 452-6683, 6664, 6324, 6287
DSN: (312) 459-6683, 6664, 6324, 6287
Fax: (850) 452-6897

Email: navycool@navy.mil

U.S. Coast Guard National Maritime Center (NMC)

National Maritime Center
100 Forbes Dr
Martinsburg, WV 25404

Office Hours: 8:00 am -6:00 pm

(888) 427-5662

Email: iasknmc@uscg.mil

The Maritime Administration office which coordinates information on seafaring employment and training

Office of Maritime Workforce Development
U.S. Maritime Administration (MAR 740)
1200 New Jersey Avenue, SE
Washington, DC 20590

Phone: (202) 493-0029

Email: careersafloat@dot.gov

Mariner/Maritime Links of Interest

Links of interest

- Code of Federal Regulations (CFR) Title 46
 - <http://www.gpo.gov/fdsys/pkg/CFR-2008-title46-vol1/content-detail.html>
- Frequently Asked Questions
 - http://www.uscg.mil/nmc/faq/pdfs/credential_faq.pdf
- Guide for Administration of Merchant Marine Examinations (Deck and Engineering Guide)
 - http://www.uscg.mil/nmc/training/pdfs/deck_and_engineering_guide.pdf
- Maritime Administration (MARAD) – Job Vacancies
 - jobsearch.dot.gov/internalindex.asp
- Maritime Administration (MARAD) – Military to Mariners:
 - <http://www.marad.dot.gov/mariners/military-to-mariners/>
- “Mariner Credentialing” article, USCG *Proceedings* Fall 2008: 20-23:
 - http://www.uscg.mil/proceedings/archive/2008/Vol65_No3_Fall2008.pdf
- Merchant Marine Credential Fees
 - <http://www.uscg.mil/nmc/fees/default.asp>
- Merchant Marine Documentation
 - <http://www.uscg.mil/nmc/regulations/default.asp?tab=1#TabbedPanels1>
- National Maritime Center – Checklists
 - http://www.uscg.mil/nmc/professional_qualifications/default.asp?tab=1#TabbedPanels1
- National Maritime Center - Credential Application Process:
 - <http://www.uscg.mil/nmc/credentials/default.asp>
- National Maritime Center – Schedule an Appointment
 - <http://www.uscg.mil/nmc/training/exams/default.asp>
- Navy COOL:
 - <https://www.cool.navy.mil/usn>
- USCG Deck Service Exam Information:
 - <http://www.uscg.mil/nmc/training/exams/>

- USCG Marine Safety Manual, Chapter 2:
 - http://www.uscg.mil/directives/cim/16000-16999/CIM_16000_8B.pdf
- USCG Merchant Mariner Licensing and Documentation web site:
 - <http://www.uscg.mil/nmc/>

Acronyms

Acronyms

ACE	–	American Council on Education
CANTRAC	–	Catalog of Navy Training Courses
COOL	–	Credentialing Opportunities On-Line
DoD	–	Department of Defense
DON	–	Department of the Navy
JST	–	Joint Service Transcript
LADR	–	Learning and Development Roadmap
MARAD	–	Maritime Administration
MK	–	Machinery Technician (USCG)
MM	–	Machinist's Mate (Navy)
NETPDTC	-	Naval Education and Training Professional Development Technology Center
NMC	–	National Maritime Center
NVIC	-	Navigation and Vessel Inspection Circular
OICEW	-	Officer in Charge of an Engineering Watch
OSR/ODC	-	Officer Summary Record / Officer Data Card
PQS	–	Personnel Qualification System
QMED	-	Qualified Member of an Engineering Department
RFPEW	-	Rating Forming Part of an Engineering Watch
STCW	-	Standards of Training, Certification and Watchkeeping
TWIC	-	Transportation Worker Identification Credential
USCG	–	United States Coast Guard
USN	–	United States Navy
VA GI Bill	–	U.S. Department of Veterans Affairs Government Issue (GI) Bill
WQS	–	Watch Qualification System

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Blueprint to Mariner Contributors:

- Office of the Under Secretary for Personnel and Readiness
- Department of the Navy Manpower and Reserve Affairs
- Office of the Chief of Naval Operations
- U.S. Coast Guard
- U.S. Navy's Credentials Program Office / Navy COOL
- U.S. Navy's Surface Warfare Officers School (SWOS)
- Army Transportation School Ft. Eustis VA
- Solutions for Information Design (SOLID)

Blueprint Contributing Documents/ Sources:

- Navy COOL – website
- National Maritime Center - website
- Information Concerning Employment and Training in the U.S. Merchant Marine – U.S. DOT MARAD
- Exploring Maritime Careers Brochure – CWB.org
- The Caseworker's Guide to the Maritime Industry – The Center for Wooden Boats
- Military Ratings to National Merchant Marine Endorsements – MITAGS.org

