



QUICK REFERENCE GUIDE TO THE IMPLEMENTATION OF THE STCW MANILA AMENDMENTS, 2010 AND THE USCG FINAL RULES

Warning: *This summary is for guidance only.* The Coast Guard frequently provides updates that supersede current policy or regulations. Please visit the National Maritime Center’s website for the latest information at <http://www.uscg.mil/nmc/>, or email: iasknmc@uscg.mil.

If you have specific license questions, please contact the MITAGS-PMI Student Services department at studentservices@mitags-pmi.org or visit www.mitags-pmi.org.

Note: text that is underlined and italicized designates a hyperlink.

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QUICK REFERENCE GUIDE TO THE IMPLEMENTATION OF THE STCW MANILA AMENDMENTS, 2010 AND THE USCG FINAL RULES

The Coast Guard has issued the Final Rules on the Implementation of the STCW95 Code 2010 Manila Amendments. In an effort to clarify the new rules, twenty-four Navigation Vessel Inspection Circulars (NVICS) have been published. In addition, there are other related regulations and policies that impact mariners. Although the final rule affects all U.S. mariners, most of the changes are focused on mariners sailing on near coastal and foreign voyages.

Generally, mariners sailing on vessels of 200GRT or greater on near coastal and ocean voyages must meet “National” AND “STCW” requirements. *(Mariners working on small passenger vessels subject to Subchapter T or K, and seagoing vessel of less 200GRT, other than passenger vessels subject to Subchapter H, and uninspected passenger vessels defined in [46 US Code 2101\(42\)](#) are not required to meet STCW requirements ([46 CFR 11.301\(h\)](#)).*

COURSES THAT WERE REQUIRED BY JANUARY 1, 2017 TO RETAIN STCW

IF YOU STARTED SEA SERVICE BEFORE MARCH 24, 2014, YOU WERE REQUIRED TO COMPLETE THE FOLLOWING COURSES TO MEET THE 2010 AMENDED STCW REQUIREMENTS:

MANAGEMENT LEVELS:

Chief Mate and Master

- ❖ ECDIS (Electronic Chart Display and Information Systems) to sail on vessels so equipped.
- ❖ Leadership and Managerial Skills.

Second Engineer (=First Assistant in US) and Chief Engineer

- ❖ Engine Room Resource Management Course (ERM) (if not completed at the operational level).
- ❖ Leadership and Managerial Skills.
- ❖ Management of Electrical and Electronic Control Equipment.

OPERATIONAL LEVELS:

Officer in Charge of a Navigational Watch (OICNW)

- ❖ ECDIS (Electronic Chart Display and Information Systems) to sail on vessels so equipped.
- ❖ OICNW Operational Level: 8-hour Leadership and Teamworking Skills.
- ❖ Specific assessments for upgrade endorsements during the transition period.

Officer in Charge of an Engineering Watch (OICEW)

- ❖ OICEW Levels: Engine Room Resource Management Course (35-hour), and Leadership and Teamwork Skills (8-hour).
- ❖ Specific assessments for upgrade endorsements during the transition period.

UNLICENSED ENDORSEMENTS:

- ❖ Able Seafarer-Deck endorsement on MMC
Or
- ❖ Able Seafarer-Engine endorsement on MMC

Deck and Engine: no additional training requirements.

UPGRADING AFTER JANUARY 1, 2017

(For mariners beginning training or toward service after 3/25/14 for the desired endorsement: [NVIC 02-14](#))

Note: Most endorsements require assessments and training.

ALL LICENSED MARINERS:

Mandatory revalidation training of certain competencies upon renewal¹ of credentials in Basic Training, Advanced Firefighting, Proficiency in Survival Craft (PSC), and Fast Rescue Boat (FRB) (if endorsed) every five years, in addition to 360 days of sea service.

DECK OFFICERS – UPGRADE TO MANAGEMENT LEVEL REQUIRED TRAINING:

Chief Mate and Master

- Advanced Shiphandling
- Advanced Stability
- Advanced Meteorology
- ARPA, ECDIS, GMDSS (if not completed at OICNW level and if vessel is so equipped)
- Management of Medical Care
- Leadership and Management Skills (if not already completed)
- Search and Rescue

ENGINEERS – UPGRADE TO MANAGEMENT LEVEL REQUIRED TRAINING:

Second Engineer (=First Assistant in US) and Chief Engineer

- Engine Room Resource Management Course (if not completed at the OICEW level)
- Leadership and Managerial Skills (if not completed at the OICEW level)
- Management of Electrical and Electronic Control Equipment.

DECK OFFICERS – OPERATIONAL LEVEL REQUIRED TRAINING:

Officer in Charge of a Navigational Watch (OICNW)

- Medical First Aid Provider
- Radar
- Search and Rescue
- Visual Signaling
- Bridge Resource Management (BRM)
- Terrestrial and Celestial Navigation
- Electronic Navigation Systems
- Watchkeeping
- Leadership and Teamwork Skills
- Cargo Handling and Stowage
- Ship Handling
- Stability and Ship Construction
- Meteorology
- Basic and Advanced Firefighting
- Proficiency in Survival Craft and Rescue Boats
- Basic and Advanced Firefighting
- (ARPA, GMDSS, ECDIS if so equipped).

ENGINEERS – OPERATIONAL LEVEL REQUIRED TRAINING:

Officer in Charge of an Engineering Watch (OICEW)

- Medical First Aid Provider
- Basic and Advanced Firefighting
- Proficiency in Survival Craft and Rescue Boats
- Engine-Room Resource Management (ERM)
- Engineering Terminology and Shipboard Operations
- Auxiliary Machinery
- Gas Turbine Plants
- Motor Plants
- Steam Plants
- Electrical Machinery and Basic Electronics
- Control Systems
- Leadership and Teamwork Skills.

MISCELLANEOUS NOTES

- Issuance of multi-year medical certificates independent of credential expiration date.
- Allowance of all Great Lakes (GL) and 50% of inland sea service to count towards credentials.
- Combined tonnage of towing vessel and barge in ATB or ITB can be used to qualify for higher tonnage license with certain limitations. Similar provision for towing masters and mates.
- Ability for tankerman PIC-Barge to obtain a limited STCW endorsement for non-self-propelled vessels.
- NMC uses the term “revalidation course” for mariners that have the appropriate sea service, and “refresher course” when mariner does not have the one year of sea service in the last five years. *Continued next page* →

¹ May not apply to an upgrade. For example, if a mariner renewed in 2016 and upgraded his/her license in 2018, his/her BT should be good until 2021, when the MMC is due for renewal.

IMPLEMENTATION OF THE STCW MANILA AMENDMENTS AND THE USCG FINAL RULES SUMMARY

MISCELLANEOUS NOTES *Continued*

- Assessments expanded to all STCW deck and engine endorsements. After January 1, 2020, an Assessor, who assesses mariners independent of approved training, including in-service assessments on board a vessel, must be individually approved by the Coast Guard to conduct specific assessments.
- 500 GRT Offshore Supply Vessel (OSV) credentials will be increased to 1600 GRT. OSV endorsements available up to 10,000 international tonnage (ITC).
- OSV is a “National Endorsement” restricted to the U.S.
- Renewal of Tankerman Person In Charge (TPIC) endorsement will require 90 days of sea service on tankers in addition to participation in cargo transfer operations. Mariners holding this endorsement before March 24, 2014, can renew this endorsement until March 24, 2019 by taking an approved course or participating in at least 2 cargo transfers within the previous 5 years. (See [NVIC 02-14](#) for more information).

| Time Line | Summary | |
|---------------------|---|--|
| Effective Dates | Convention, Regulation or Policy | Notes |
| Aug 1, 2013 | Maritime Labor Convention | Minimum rest periods for officers and crew. |
| Dec 24, 2013 | Implementation of the Amendments to the International Convention on STCW for Seafarers 1978, and Changes to National Endorsements | Final Rule. The clock starts! |
| Jan 1, 2014 | VSO/VPDSD/SA Endorsements | Security endorsement updates required. |
| Mar 24, 2014 | Start date for new STCW Rules. | Mariners starting service and / or training on or after this date must meet the new requirements of the Final Rules. Various grandfather provisions (see NVIC 02-14) for existing mariners. |
| Apr 1, 2014 | Medical Certificates | Mariners sailing foreign must have medical certificate. Others to follow over a 5-year period. |
| Dec 31, 2016 | Last date to renew credentials under STCW transition period | Last date to renew before the full implementation of STCW and Final Rules. Also, last day for mariners to be exempt from formal assessments. |
| Jan 1, 2017 | ECDIS Training Required | All Deck Officers on Vessel So Equipped. |
| Jan 1, 2017 | Management Level - Leadership and Managerial Skills | All STCW Management Level (Deck & Engine). |
| Jan 1, 2017 | Operational Level - Leadership and Teamwork | All STCW Operational Levels (Deck & Engine). |
| Jan 1, 2017 | New AS-D and AS-E | New STCW Rating Endorsements. |
| Jan 1, 2017 | Full Enforcement of STCW | Manila Amendments and Final Rules in full effect. |
| Mar 24, 2019 | End of Transitional Provisions for National Endorsements | |

AFTER JANUARY 1, 2020, QUALIFIED ASSESSOR (QA): ([46CFR10.107](#), [NVIC 19-14](#), [Updated Assessor Requirements](#))

1. Must be approved individually or as part of an approved program.
2. Must personally witness assessment.
3. Have experience, training, or instruction in assessment techniques.
4. Qualified in the tasked to be assessed.
5. Hold or have held the level of endorsement or other professional credential to demonstrate he / she has the relevant experience and knowledge to conduct assessment.

See [NVIC 19-14](#) and [Bulletin on APPLICATION SUBMISSION](#) for details. Use [ASSESSOR REQUEST GUIDE](#) to apply.

IMPLEMENTATION OF THE STCW MANILA AMENDMENTS AND THE USCG FINAL RULES SUMMARY

Minimum Hours of Rest Requirements

Effective August 2013 ([46 CFR 15.1111](#))

The 2010 Manila Amendments amended the definitions and amount of rest required by mariners with safety and emergency duties when operating in areas and vessels subject to the STCW95 Code. The Code also requires additional record keeping for port state control. [46 CFR 15.1111](#) provides guidance on these new requirements and recommendations on recordkeeping formats for port state control. We encourage management level officers and applicable shore-side personnel review and implement the recommendations provided in this policy letter.

Vessel Security Officer (VSO), Vessel Personnel with Designated Security Duties (VPDSD), and Security Awareness (SA) for all other mariners

Effective January 1, 2014 See [NVIC 21-14](#)

Vessel Security Officers (VSO) and other mariners require specific security related endorsements on their Merchant Mariner Credential (MMC). Additionally, crewmembers that have specific security duties and all other crew must have security awareness endorsements. The three STCW95 endorsements are as follows:

VSO = Vessel Security Officer

VPDSD = Vessel Personnel with Designated Security Duties

SA = Security Awareness

Because these endorsements are hierarchal, **VSO** covers the **VPDSD** and **SA**. The VPDSD also covers the **SA**. Endorsements should be made on the MMC's STCW Page in the column "Capacity". On the page with the STCW Regulations, your endorsement should read either:

VSO VI/5 Includes requirements for VPDSD VI/6

VPDSD VI/6 Includes requirements for SA VI/6

SA VI/6

Vessels Equipped with Electronic Chart Display Information Systems (ECDIS)

Currently Required

Deck officers sailing on vessel equipped with ECDIS will have to complete a Coast Guard approved ECDIS Course (generally 35 hours or five days). This policy letter ([NVIC 02-14](#)) grandfathers mariners that have successfully completed an approved Coast Guard ECDIS Course. *Mariners that successfully completed a MITAGS CMM-ECDIS Course after April 1, 2001, have satisfied the new requirements.*

Leadership and Managerial Skills (Management Level)

and

Leadership and Teamwork Skills (Operational Levels)

Currently Required

Mariners sailing as masters, chief mate, chief engineer, and first assistant engineer, subject to the STCW Code, will have to complete a 35-hour leadership course.

Mariners sailing at the operational level (second / third mates, second / third assistant engineers) will have to complete a 1-day seminar on leadership. (Mariners also have the option of completing the assessments in lieu of a course.) *Operational level mariners planning to upgrade in the future should consider taking the management level LMS Course since it covers both.*

Other Endorsements

Currently Required

Mariners sailing as engineers at the operational or management level will have to complete an approved “Engineroom Resource Management (ERM) Course.

Unlicensed deck personnel sailing as ABs will need a new “Able Seafarer – Deck” endorsement on the STCW Page of their Merchant Mariner Credential. Unlicensed members of the engine department sailing as QMED will need an “Able Seafarer – Engine” endorsement.

The Coast Guard is also amending the endorsement language on the MMC to better align with the new STCW requirements. New language will be placed on the STCW page of the credentials for the (Dangerous Liquids) Tankerman PIC, Tankerman-Barge, Tankerman-Engineer, and Tankerman PIC – Liquefied Natural Gas endorsements. Again, we recommend getting your existing STCW endorsement language before January 1, 2017.

5-Year Basic Training Revalidation (BT)

Currently Required [See NVIC 08-14](#)

Mariners will have to revalidate select firefighting / personal survival / fast rescue boat competencies that are too dangerous to conduct aboard the vessel. This is in addition to the one year of sea service in the last five years. Mariners without the sea service will have to complete an approved “BT refresher course. *(Mariners may renew credentials prior the above date, with 1 year of sea service, for a full five years).*

Notes

46 CFR 11.201(a) specifies that an applicant for any STCW endorsement **must** hold the appropriate national endorsement unless otherwise specified. For example, STCW does not mention radar renewal every 5 years, but this is still required for all deck officer sailing on vessels of 300GRT or more and uninspected vessels so equipped (46 CFR 15.815).

“Training” is considered Coast Guard approved or accepted training as indicated in 46 CFR 11.301(g). A mariner will be considered to have started “service” on the first day of their service that meets the requirements for the endorsement for which they have applied. Training is considered to have started on the first day of the approved or accepted training used to qualify for an endorsement.

The provisions in 46 CFR 11.403(e)(3) do not override the definition of “day” in 46 CFR 10.107. On vessels authorized by 46 U.S.C. 8104 and 46 CFR 15.705, to operate a two-watch system, a 12-hour working day may be creditable as 1½ days of service for STCW. This is also discussed in 46 CFR 10.232(h)(2).

STCW-95 MEDICAL CERTIFICATES ([NVIC 01-14](#))

The Coast Guard is phasing in medical certificates for all mariners. Their first priority is mariners that require STCW certification. Mariners with STCW certificates should have received a medical certificate (med-cert) before April 1, 2014. (Mariners holding domestic licenses now referred to as a national license / endorsement will be phased in during the regular renewal process.) If you are sailing foreign, and have not received your Med-Cert, please contact the National Maritime Center as soon as practical.

Purpose and Background

The medical certificate is a separate document that you must carry along with your MMC. When received, read it, sign it, and place into plastic sleeve in the back of the MMC. (*Note: Do not glue the med-cert into your document since this document expiration date will be different from your MMC!*)

The med-cert will have three different expiration dates. The dates differ due to varying regulations. The three categories are as follows:

1. STCW expiration date (2-year duration): This one applies if you are sailing on a vessel where STCW applies.
2. National expiration date (5-year duration): This applies if you are sailing domestically on a vessel where the STCW does not apply.
3. Pilot expiration date (2-year duration): This applies only if you are sailing as a pilot. Although mariners holding an endorsement as first-class pilots are still required under [46 CFR § 11.709](#) to have a through physical examination each year recorded on form [CG-719-K](#). But, the results of the physical examination must only be submitted to the Coast Guard every other year.

Transition Period

The initial expiration date depends on how close the mariner is to their current 5-year license renewal date. Most will have at least 6 months. Mariner can sail with this med cert until it expires. Mariners sailing with a national endorsement only, will have to transition to a 5-year medical certificate as their credentials expire or no later than 1/24/19.

How to Renew?

To renew, you must complete the Coast Guard physical form ([719k](#) or [719k/e](#)) and submit to your local REC via email or in-person. (*Note for STCW mariners and pilots, this means you will have to submit separately from your MMC renewal at least once each credential period since the med-cert is only good for two-years.*)

What if it Expires While at Sea?

Mariners may sail up to 90 days on an expired med-cert. (Note: When renewing the MMC, the National Maritime Center will renew your MMC as long as med-cert is valid after the issuance date of the credential. (Note: This means the mariner has to keep track of the med-cert expiration dates!))

Medical Waivers Remain in Effect

If the mariner has a medical condition that requires a waiver, the med-cert will be annotated with the “waiver terms”. The mariner will also receive a “waiver letter” that provides the details of what the mariner must do to stay in compliance. The mariner will have to carry the medical waiver when sailing. (Note: mariners will no longer have to sign and return the waiver letter. By signing the med-cert, you automatically agree to the terms of the medical waiver letter. (Note: A waiver may shorten your med-cert expiration date. For example, if your medical waiver letter states the mariner must have an annual physical, the expiration date will be one year.

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Table 1: Endorsement for Master or Chief Mate on Vessels 3,000GT or More

| STCW Regulation II/2.1 and II/2.2, and Section A-II/2 <i>NVIC 10-14, 46 CFR 11.102, 46 CFR 11.305, 46 CFR 11.307 (Supersedes NMC Policy Letter 04-02.)</i> | | |
|---|---|---|
| Qualification | Standard | Notes |
| Qualifications for Master (Unlimited Oceans) | | |
| Sea Service | 36 months as OICNW. May be reduced to 24 months if 12 months is Chief Mate time. | Great Lakes time counts 100%. Up to 50% of the time can be from inland service. Up to 3 months from Engine Room service. Note you still need six months of Chief Mate service for your national endorsement (see 46 CFR 11.404) |
| Assessments | Enclosure 2 of NVIC 10-14 (46 CFR 11.102) All Assessments are Mandatory | Assessor must be approved by National Maritime Center after 12/31/16. |
| Mandatory Approved Training | <ul style="list-style-type: none"> — Advanced Shiphandling — Advanced Stability — Advanced Meteorology — Search and Rescue — Leadership and Managerial Skills — Management of Medical Care — ECDIS (if vessels so equipped) — ARPA (if vessels so equipped) — GMDSS (if vessels so equipped) | <i>In addition to the mandatory training, NVIC 10-14 also requires assessments in other subjects areas such as:</i> <ul style="list-style-type: none"> — Marine Propulsion Systems (MPP) — Voyage Planning and Navigation (VPEN) — Ship Management — Advanced Cargo — Advanced Watch Keeping |
| Prior Evidence | Basic Training (BT) and Advanced Fire Fighting (AFF) | Jan 1, 2017 this BT and AFF must be revalidated with an approved course and not just sea service upon renewal |
| Alternative Routes to Master (Unlimited Oceans) | | |
| Upgrade from Master 500gt | 6 months of service at Master 500 <3,000gt plus the training and assessment listed above not already completed | Alternative pathway for STCW endorsement. Must also qualify for associated national endorsement. In this case, the only associated national endorsement are Master OSV 3,000 GT or More and Master Unlimited. |
| Upgrade from Chief Mate >3,000Gt | No Assessments <ul style="list-style-type: none"> — Leadership — ARPA (if not completed at OICNW level) — ECDIS (if not completed at OICNW level) — GMDSS (if not completed at OICNW level) | For existing mariners that already have national endorsement as Chief Mate and STCW credentials. |
| Qualification for Chief Mate (Unlimited Oceans) | | |
| Sea Service | 12 months as OICNW | Great Lakes time counts 100%. Up to 50% of the time can be from inland service. Up to 1 month from Engine Room service. Note: Must also meet national endorsement requirement of 12 months of sea service while holding a 2/M endorsement. See 46 CFR 11.407 . |
| Assessments | Enclosure 2 of NVIC 10-14 (46 CFR 11.102) | |
| Mandatory Approved Training | Same as Master 3,000 gt = > | |
| Alternative Routes to Chief Mate (Unlimited Oceans) | | |
| CM 500 but <3,000 | 6 months of service as CM 500 <3,000gt. Encl. 2 assessments not previous completed. Training listed above for Master 3,000gt not previously completed. | Only for STCW. Must also qualify for the national endorsements as chief mate OSV 3,000 GT or more or chief mate unlimited. National endorsement as unlimited chief mate requires service holding a 2/Mate endorsement. |
| Caveats | | |
| OICNW Assessments | Not required to show evidence of completing the OICNW assessments if mariner held an OICNW or Masters for vessels 500gt or over after 1997. | Exemption not applicable for mariners with OICNW / Master OSV endorsements. Mariners that do not met this exemption must meet the OICNW req. (46 CFR 11.309) |
| Near Coastal Limitation | Same as above except mariner may omit Encl. 2 assessments not relevant to near coastal voyages. | Can remove limitation by completing all Encl. 2 assessments. |

Transition Period for Mariners until December 31, 2016:

Mandatory training listed in Table 1 (46 CFR 11.305(a)(3) and 11.307) is not required for mariners that began their service or training before March 24, 2014. A mariner is considered to have started service on the first day the service that meets the requirements of the endorsements for which they have applied. Start of training is considered to have started on the first day of training that results in the issuance of Master or Chief Mate endorsement valid for vessels of 3,000gt or more.

Enclosure 2 Assessments must be completed. Assessor does not have to be “qualified” until Jan 1, 2020. During the interim period the assessor must have a minimum of 1 year experience as Master or Chief Mate on seagoing vessel of 1,600gt / or 3,000gt. After 12/31/19, assessor must be approved by NMC [46CFR10.107](#), [NVIC 19-14](#) and [Update to Qualified Assessor Requirements](#).

Renewal of Endorsement before January 1, 2017:

1. General requirements of [46 CFR 10.227](#) to renew national endorsement.
2. To be valid after January 1, 2017, must complete Leadership and ECDIS courses. (If mariner does not have these courses completed before renewal, endorsement will not be valid after December 31, 2016.)
3. BT is considered “revalidated” if mariner has 1 year of sea service in the last five.

Renewal of Endorsement January 1, 2017 and After:

1. General requirements of [46 CFR 10.227](#) to renew national endorsement.
2. Completed ECDIS/Leadership.
3. Revalidate certain Basic Training ([46 CFR 11.302\(b\)](#)), and Advanced Fire Fighting [46 CFR 11.303\(b\)](#) competencies shore-side in addition to 1 year of sea service in the last five years.

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Table 2: Endorsement for Master or Chief Mate on Vessels from 500GT to Less than 3,000GT

STCW Regulation II/2.3, II/2.4 , Section A-II/2; *NVIC 11-14, 46CFR 11.102, 46 CFR 11.311 and 11.313*

| Qualification | Standard | Notes |
|--|--|--|
| Qualifications for Master (Oceans) | | |
| Sea Service | 36 months as OICNW. May be reduced to 24 months if 12 months is Chief Mate time. | Great Lakes time counts 100%. Up to 50% of the time can be from inland service. Up to 3 months from Engine Room service. (Note: must also meet national endorsement requirements of 46 CFR 11.412.) |
| Assessments | Enclosure 2 of NVIC 11-14 (46 CFR 11.102) | After 12/31/16, assessor must be approved by National Maritime Center. |
| Mandatory Approved Training | <ul style="list-style-type: none"> — Advanced Shiphandling — Advanced Stability — Advanced Meteorology — Search and Rescue — Leadership and Managerial Skills — Management of Medical Care — ECDIS (if vessel so equipped) — ARPA (if vessel so equipped) — GMDSS (if vessel so equipped) | In addition to the mandatory training, NVIC 11-14 also requires assessments in other subject areas such as: <ul style="list-style-type: none"> — Marine Propulsion Systems (MPP), — Voyage Planning and Navigation (VPEN) — Ship Management — Advanced Cargo — Advanced Watch keeping |
| Prior Evidence | Basic Training (BT) and Advanced Fire Fighting (AFF) | Jan 1, 2017 this BT and AFF must be refreshed with an approved course and not just sea service. |
| Alternative Routes to Master (Oceans) | | |
| Upgrade from Chief Mate 500gt to <3,000Gt | Completion of the following courses: <ul style="list-style-type: none"> — Leadership and ECDIS — ARPA (if not completed at OICNW level) — ECDIS (if not completed at OICNW level) — GMDSS (if not completed at OICNW level) | For existing mariners that already have a chief mates license. |
| Qualification for Chief Mate (Oceans) | | |
| Sea Service | 12 months as OICNW | Great Lakes time counts 100%. Up to 50% of the time can be from inland service. Up to 1 month from Engine Room service. (Note must also meet national endorsement requirements.) |
| Assessments | Enclosure 2 of NVIC 11-14 (46 CFR 11.102) | |
| Mandatory Approved Training | Same as Master | |
| Caveats | | |
| OICNW Assessments | Not required to show evidence of completing the OICNW assessments if mariner held an OICNW on vessels 500gt or over after 1997. | Exemption not applicable for mariners with OICNW / Master OSV endorsements. Mariners that do not meet this exemption must meet the OICNW req. (46 CFR 11.309) |
| BT & AFF | Must show evidence of meeting standards of competence for BT and AFF. | BT – 46 CFR 11.302 and AFF – 46 CFR 11.303 |
| Near Coastal Limitation | Same as above except mariner may omit Encl. 2 assessments not relevant to near coastal voyages. | Can remove limitation by completing all Encl. 2 assessments. Encl. 3 of NVIC lists the assessments that may be omitted. |

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Transition Period for Mariners until December 31, 2016:

Mandatory training listed in Table 2 ([46 CFR 11.311\(a\)\(3\)](#)) and [11.313\(a\)\(3\)](#)) is not required other than BRM; ARPA and GMDSS (if vessel so equipped)

Mariners who began their service or training before March 24, 2014, will not be required to submit assessments until January 1, 2017. Mariners that began their service after March 24, 2014, must provide evidence of meeting Section A-II/2 by completion of the Assessments in Encl. 2.

A mariner is considered to have started service on the first day the service that meets the requirements of the endorsements for which they have applied. Start of training is considered to have started on the first day of training that results in the issuance of Master or Chief Mate endorsement valid for vessels of 3,000gt or more.

Enclosure 2 Assessments must be completed. Assessor does not have to be “qualified” until Jan 1, 2020. During the interim period the assessor must have a minimum of 1 year experience as Master or Chief Mate on seagoing vessels of 200GRT / or 500GT. After 12/31/19, assessor must be approved by NMC ([46 CFR 10.405](#)).

Renewal of Endorsement before January 1, 2017:

- ❖ General requirements of [46 CFR 10.227](#) to renew national endorsement.
- ❖ To be valid after Jan 1, 2017, must complete Leadership and ECDIS courses. (If mariner does not have these courses completed before renewal, endorsement will not be valid after December 31, 2016.)
- ❖ One year of sea service in the last five to validate BT.

Renewal of Endorsement January 1, 2017 and After:

- ❖ General requirements of [46 CFR 10.227](#) to renew national endorsement.
- ❖ Completed ECDIS/Leadership.
- ❖ Refresh Basic Training ([46 CFR 11.302\(b\)](#)), and Advanced Fire Fighting [46 CFR 11.303\(b\)](#).

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Table 3: Endorsement for OICNW on Vessels of 500GT or More

STCW Regulation II/1, Section A-II/1; NVIC 12-14 and 46CFR 11.102, 46 CFR 11.309
(Supersedes NVIC 08-02, and Policy Letter CG-543 dated 11-07)

| Qualification | Standard | Notes |
|--|---|---|
| Qualifications for OICNW (Oceans) | | |
| Sea Service | 36 months in the deck department. 12 months if part of an approved program And 6 months of service performing Bridge Watch-keeping duties under supervision of an officer holding STCW endorsement at operational or management level. | Great Lakes time counts 100%. Up to 50% of the time can be from inland service. Up to 3 months of engine room service can be applied toward the required sea service. 180 days as an AB is no longer required. (Note must also meet national endorsement endorsements <u>46 CFR 11.407.</u>) |
| Assessments | Enclosure 2 of <u>NVIC 12-14 (46 CFR 11.102)</u> | After 12/31/16, assessor must be approved by National Maritime Center. |
| Mandatory Approved Training | <ul style="list-style-type: none"> — Medical First Aid Provider — Radar Observer — Search and Rescue — Visual Signaling — BRM — Terrestrial and Celestial Nav. — Electronic Nav. Systems — Watchkeeping including COLREGS, and IMO Standard Marine Comm. Phrases (SMCP) — Cargo Handling and Stowage — Ship Handling — Stability and Ship Construction — Meteorology — Leadership and Teamwork Skills — ARPA (if vessels so equipped) — GMDSS (if vessels so equipped) — ECDIS (if vessels so equipped) | After 12/31/16, course listed are mandatory along with assessments listed in NVIC 12-14 |
| Prior Evidence | Basic Training (BT) <u>(46 CFR 11.302)</u> Advanced Fire Fighting (AFF) <u>(46 CFR 11.303)</u> Proficiency in Survival Craft (PSC) <u>(46 CFR 12.613)</u> | January 1, 2017 this BT and AFF must be refreshed with an approved course and not just sea service. |
| Caveats | | |
| Near Coastal Limitation | Same as above except mariner may omit Encl. 2 assessments not relevant to near coastal voyages. | Can remove limitation by completing all Encl. 2 assessments (i.e., Celestial Navigation Assessments and training). |
| Assessments | Assessments not required if mariner holds STCW endorsement as Master (II/2) for vessels of 500GT or more. | Exemption does not apply to OSV Master. |

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Transition Period for Mariners until December 31, 2016:

Until December 31, 2016, the training listed in Table 3 ([46 CFR 11.309\(a\)\(4\)](#)) (except BRM, ARPA and GMDSS) is not required for mariners that began their service or training before March 24, 2014. These mariners may continue to use the OICNW ([PL 11-07](#)) model assessments until 12/31/16.

A mariner is considered to have started service on the first day the service that meets the requirements of the endorsements for which they have applied. Start of training is considered to have started on the first day of training that result in the issuance of OICNW endorsement.

Encl. 2 Assessments must be completed. Assessor does not have to be “qualified” until January 1, 2020. During the interim period the assessor must have a minimum of 1 year experience as OICNW on seagoing vessels of 500GRT and / or 200GT. After 12/31/19, assessor must be approved by NMC ([46 CFR 10.405](#)).

Renewal of Endorsement before January 1, 2017

1. General requirements of [46 CFR 10.227](#) to renew national endorsement.
2. One year of sea service in the last five to validate BST.

*If mariner does not complete leadership, the credential will expire on 12/31/16

Renewal of Endorsement January 1, 2017 and After:

1. General requirements of [46 CFR 10.227](#) to renew national endorsement.
2. Completed Leadership / Teamwork ([46 CFR 11.309\(c\)\(1\)](#)).
3. Completed ECDIS
4. Refresh Basic Training ([46 CFR 11.302\(b\)](#)), and Advanced Fire Fighting ([46 CFR 11.303\(b\)](#)).

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| Table 4: Endorsement for Master and OICNW on Vessels less than 500GT Limited to Near-Coastal Waters | | |
|--|---|---|
| STCW Regulation II/3, Section A-II/3; <i>NVIC 13-14</i> and <i>46CFR 11.317</i> and <i>11.321</i> | | |
| Qualification | Standard | Notes |
| Qualifications for Master | | |
| Sea Service | 12 months of service as OICNW operating on vessels in oceans, near coastal or Great Lakes. OR <i>NVIC 13-14</i> , Enclosure 2 assessment plus the training listed below. | Great Lakes time counts 100%. Up to 50% of the time can be from inland service. Up to 1 months of engine room service can be applied toward the required sea service. |
| Assessments (Section A-II/3) | <i>NVIC 13-14</i> , Enclosure 2 | After 12/31/16, assessor must be approved by National Maritime Center. |
| Mandatory Approved Training | <ul style="list-style-type: none"> — Medical First Aid Provider — Basic and Advanced Fire Fighting — Proficiency in Survival Craft — Leadership and Managerial Skills — Radar Observer — ECDIS (if vessels so equipped) — ARPA (if vessels so equipped) | |
| OICNW | | |
| Sea Service | 24 months in deck department. Or Completion of Approved training program that includes sea service. Or 12 months of service plus completion of training approved for this endorsement. | Great Lakes time counts 100%. Up to 50% of the time can be from inland service. Up to 3 months of engine room service can be applied toward the required sea service. |
| Assessments (Section A-II/3) | <i>NVIC 13-14</i> , Enclosure 2 | |
| Training | <ul style="list-style-type: none"> — Medical First Aid Provider — Basic and Advanced Fire Fighting — Proficiency in Survival Craft — Bridge Resource Management — Radar Observer (if vessels so equipped) — ECDIS (if vessels so equipped) — ARPA (if vessels so equipped) | |
| Caveats | | |
| BT and AFF Endorsements | To qualify for STCW endorsement as OICNW or Master , must provide evidence of meeting of BT (<i>46 CFR 11.302</i>) and AFF (<i>46 CFR 11.303</i>) | |
| Alternatives for Special Vessels and Operating Conditions | | |
| Masters, Mates, or Engineers | Endorsed for service on small passenger vessels subject to 46 CFR Subchapters T or K operating beyond the boundary line. | Only need to meet the National Requirements. |
| Masters, Mates, or Engineers | Endorsed for sea-going service on vessels less than 200GRT other than passenger vessels subject to 46 CFR Subchapter H operating past the boundary line. | Only need to meet the National Requirements. |

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IMPLEMENTATION OF THE STCW MANILA AMENDMENTS AND THE USCG FINAL RULES SUMMARY

Transition Period for Mariners until December 31, 2016:

Until December 31, 2016, the training listed in Table 4 is not required ([46 CFR 11.319\(a\) \(3\)](#) and [11.321\(a\)\(3\)](#) [except ARPA , Radar, or GMDSS for vessels so equipped]). Training for ECDIS required by December 31, 2016.

Mariners that began their service or training before March 24, 2014, will not be required to provide assessments. After this date, Enclosure 2 assessments or approved equivalent must be provided.

A mariner is considered to have started service on the first day the service that meets the requirements of the endorsements for which they have applied. Start of training is considered to have started on the first day of training that will result in the issuance of OICNW endorsement.

[NVIC 13-14](#), Enclosure 2 Assessments must be completed. Assessor does not have to be “qualified” until January 1, 2020. During the interim period the assessor must have a minimum of 1 year experience on vessels of 100GRT or more. For mate, assessor must have experience as mate/master, and for master, assessor must have experience as master. After 12/31/19, assessor must be approved by [NMC \(46 CFR 10.405\)](#).

Renewal of Master Endorsement on January 1, 2017

1. General requirements of [46 CFR 10.227](#) to renew national endorsement.
2. Completed Leadership and Managerial [\(46 CFR 11.317\(b\)\(1\)\)](#). (one time).
3. Completed ECDIS [\(46 CFR 11.317\(b\)\(2\)\)](#) if so equipped (one time).
4. Refresh Basic Training [\(46 CFR 11.302\)](#), and Advanced Fire Fighting [\(46 CFR 11.303\)](#).

Renewal of OICNW Endorsement

Same as above except Leadership and Team Working course in lieu of Leadership and Managerial.

[NVIC 13-14](#), Enclosure 2 Assessments are *not required for renewal of endorsements as Master or OICNW*.

IMPLEMENTATION OF THE STCW MANILA AMENDMENTS AND THE USCG FINAL RULES SUMMARY

| Table 5: Endorsement as Able Seafarer Deck (AS-D) | | |
|---|--|--|
| STCW Regulation II/5, Section A-II/5; <u>NVIC 14-14, 46 CFR 12.103</u> <i>(Supersedes CG-CVC Policy Letter 12-07)</i> | | |
| Qualification | Standard | Notes |
| Qualifications for AS-D | | |
| Sea Service | Must meet the requirements for RFPNW before accruing service for AS-D. 18 months sea service in deck department while qualified as RFPNW Or 12 months with completed training. | Great Lakes time counts 100%. Up to 50% of the time can be from inland service. Up to 1 month of engine room service can be applied toward the required sea service. |
| Assessments (Section A-II/5) | Enclosure 2 of <u>NVIC 14-14</u> | Assessor must be approved by National Maritime Center. |
| Mandatory Approved Training | — Proficiency in Survival Craft (PSC) — Basic Training (BT) | |
| Caveats | | |
| | | |

Transition Period for Mariners Holding a National AB endorsement before January 1, 2017

1. Hold RFPNW endorsement and completed PSC or PSC-Limited.
2. Valid BT (46 CFR 12.602)

Mariners may qualify for AS-D Endorsement before January 1, 2017

1. 12 months sea service as watchstanding AB or RFPNW within 60 months of application for endorsement.
2. Valid BT
3. Mariners that qualify under this method also qualify for endorsement as RFPNW.

Renewal of AS-D Endorsement

1. Valid BT.
2. General requirements for national endorsement (46 CFR 10.227)

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Table 6: Qualification for Chief / Second Engineer (=First Assistant in US) 3,000kw / 4,000hp or More

STCW Regulation II/2, Section A-III/2; 46 CFR 10.103, NVIC 15-14, CFR 11.325-327

| Qualification | Standard | Notes |
|---|---|--|
| Qualifications for Chief Engineer | | |
| Sea Service | 36 months of service as OICEW on ships powered by main propulsion of 750kw/1,000hp. Reduce to 24 months if 12 months of service as 2EO with propulsion of 3,000kw/4,000hp | Also see national endorsement requirements of 46CFR 11.510 |
| Assessments (Section A-II/3) | NVIC 15-14 Enclosure 2. Note assessment not completed may place limitation on credentials such as propulsion models and some auxiliary equipment. | Demonstration of competencies should be performed on vessels with at least 3,000kw/4,000hp with generators independent of main engine and other auxiliaries. Since many vessels no longer have a manned engine room, sign-off with designated maintenance may substitute for watch keeping experience. |
| Mandatory Approved Training | <ul style="list-style-type: none"> — Engine Resource Management (ERM) — Leadership and Managerial Skills — Management of Electrical and Electronic Control Equipment. | |
| Second Engineer (=First Assistant in US) | | |
| Sea Service | 12 months as OICEW on vessels with main propulsion of 750kw/1,000hp. Or 12 months as CE on vessel with propulsion between 750kw/1,000hp and 3,000kw/4,000hp | Also see national endorsement requirements of 46 CFR 11.512 . |
| Assessments (Section A-II/3) | NVIC 15-14 Enclosure 2. Note: assessment not completed may place limitation on credentials such as propulsion modes and auxiliary equipment. | Same as above. |
| Training | <ul style="list-style-type: none"> — Engine Resource Management (ERM) if not completed at operational level — Leadership and Managerial Skills — Management of Electrical and Electronic Control Equipment | |
| Caveats | | |
| <p>OICEW assessments not required if mariner currently holds STCW endorsement as OICEW for 750kw/1,000hp or more for the propulsion mode sought. Also not required if mariner previously held STCW endorsement form CE or 2EO for vessels with propulsion 750kw/1,000hp or more issued after 1997 for the appropriate mode. Exemption does not apply to Offshore Supply Vessels (OSVs).</p> <p>Mariners that have not held an STCW endorsement as OICEW, 2EO, or CEO for 750kw/1,000hp or more issued after 1997 must complete the OICEW requirements of 46 CFR 11.329 for qualifications as OICEW</p> <p>Must provide evidence of meeting Basic Training (46CFR10.302) and Advanced Fire Fighting (46CFR11.303).</p> | | |
| Grandfathering and Transition | | |
| <ul style="list-style-type: none"> — Mariners that started service for endorsement as CE or 2EO before 3/24/14 will not be required to provide assessments until 1/1/17. Starting after 3/24/14 must complete. — Existing mariner must complete ERM, Leadership and Management of Electrical by 1/1/17. — After 1/1/17 must also provide evidence of maintaining standard of competence in BT and AFF. | | |

IMPLEMENTATION OF THE STCW MANILA AMENDMENTS AND THE USCG FINAL RULES SUMMARY

**Table 7: Qualifications for Chief Engineer and Second Engineer (=First Assistant in US)
 750kw / 1,000hp to less than 3,000kw / 4,000hp**

STCW Regulation III/3, Section A-III/3; 46 CFR 10.103, NVIC 16-14, 46 CFR 11.331

| Qualification | Standard | Notes |
|---|---|--|
| Qualifications for Chief Engineer | | |
| Sea Service | 24 months of service as OICEW on ships powered by main propulsion of 750kw/1,000hp, of which 12 months must have been as qualified to serve as Second Engineer (=First Assistant in US) Officer. Experience in deck department may count up to 1 month. And Meet requirements for OICEW per <u>46 CFR 11.329</u> | See also national endorsement requirements of <u>46 CFR 11.518</u> . |
| Assessments (Section A-II/3) | <u>NVIC 16-14</u> Enclosure 2. | Note assessment not completed may place limitation on credentials. |
| Mandatory Approved Training | <ul style="list-style-type: none"> — Engine Resource Management (ERM) — Leadership and Managerial Skills — Management of Electrical and Electronic Control Equipment | |
| Second Engineer (=First Assistant in US) | | |
| Sea Service | 12 months as OICEW on vessels with main propulsion of 750kw/1,000hp. And Meet requirements for OICEW per <u>46 CFR 11.329</u> | Up to 1 month experience in deck department can be counted. |
| Assessments (Section A-II/3) | <u>NVIC 16-14</u> Enclosure 2. Note: assessment not completed may place limitation on credentials. | Same as above. |
| Training | <ul style="list-style-type: none"> — Engine Resource Management (ERM) if not completed at operational level. — Leadership and Managerial Skills — Management of Electrical and Electronic Control Equipment. | |
| Caveats | | |
| <p>OICEW assessments not required if mariner currently holds a STCW endorsement as OICEW for 750kw/1,000 or more for the propulsion mode sought. Also not required if mariner previously held STCW endorsement for CE or 2EO for vessels with propulsion 750kw/1,000 or more issued after 1997 for the appropriate mode. Exemption does not apply to Offshore Supply Vessels (OSVs).</p> <p>Mariners that have not held an STCW endorsement as OICEW, 2EO, or CEO for 750kw/1,000hp or more issued after 1997 must complete the OICEW requirements of <u>46 CFR 11.329</u>.</p> <p>Mariners holding STCW 2EO and seeking upgrade to CE, will not be required to complete assessments unless seeking an endorsement for new propulsion mode.</p> <p>Must provide evidence of meeting Basic Training (<u>46 CFR 11.302</u>) and Advanced Fire Fighting (<u>46 CFR 11.303</u>)</p> | | |
| Grandfathering, Transition, and Renewal | | |
| | | |

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Table 8: Qualifications for OICEW 750 kw / 1,000hp or More

STCW Regulation III/1, Section A-III/1 NVIC 17-14 and 46CFR 11.102

| Qualification | Standard | Notes |
|---|---|--|
| Qualifications for OICEW | | |
| Sea Service | 36 months of service in the engine department Or 12 months of sea service as part of an approved training program that meets Sect A-III/1 of the code. | Perform duties under supervision of CE for at least 6 months. Experience in deck dept. good for up to 3 months. Up to 180 days of approved training program can count towards the required 12 months of sea service. At least 1/3 of sea service acquired on vessel with mode sought (motor, steam, etc.). Also see national endorsement requirements of <u>46 CFR 11.522</u> |
| Assessments (Section A-II/3) | <u>NVIC 17-14</u> Enclosure 2. Note assessment not completed may place limitation on credentials. | Assessment performed on vessels with propulsion of 750kw/1,000 or more with walk-in engine room, generators independent of main engine and independent auxiliaries. |
| Mandatory Approved Training | <ul style="list-style-type: none"> — Medical First-Aid Provider — Basic and Advanced Fire Fighting — Proficiency in Survival Craft — Engine Resource Management (ERM) — Engineering Terminology and Shipboard Operations. — Auxiliary Machinery. — Gas Turbine (if endorsement req.) — Motor Plants (if endorsement req.) — Steam Plants (if endorsement req.) — Electrical Machinery and Basic Electronics — Control Systems — Leadership and Teamwork | Courses required after 12/31/16 |
| Caveats | | |
| Must provide evidence of meeting Basic Training (<u>46 CFR 11.302</u>) and Advanced Fire Fighting (<u>46 CFR 11.303</u>) | | |
| Grandfathering, Transition, and Renewal | | |
| <ul style="list-style-type: none"> — Mariners that started service for endorsement before 3/24/14 will not be required to provide assessments until 1/1/17. Starting after 3/24/14 must complete. — Existing mariner must complete ERM, Leadership/Teamwork by 1/1/17. — After 1/1/17 must also provide evidence of maintaining standard of competence in BT and AFF. | | |

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Table 9: Qualifications for Able Seafarer-Engine “AS-E”

STCW Regulation III/5, Section A-III/5; NVIC 18-14, 46 CFR 12.607(a), 46 CFR 12.103

| Qualification | Standard | Notes |
|---------------------------------|--|---|
| Qualifications for AS-E | | |
| Sea Service | 12 months sea service in engine department qualified as RFPEW OR 6 months as part of an approved training program | Great Lakes time counts 100%. Up to 50% of the time can be from inland service. It is not necessary to hold the Endorsement of RFPEW, but all training sea service and assessments required for RFPEW must be met before accruing sea service for AS-E. No additional service credit for days longer than 8 hours. |
| Assessments (Section A-II/5) | Enclosure 2 of <u>NVIC 18-14</u> | After 12/31/16, assessor must be approved by National Maritime Center. Assessments should be performed in engine rooms of at least 750kw/1,000hp; generators independent of main propulsion, and other independent auxiliaries. Assessor may only make minor changes to Encl. 2 assessments to reflect differences in shipboard equipment without approval from NMC. |
| Mandatory Approved Training | — Basic Training (BT) | |

Caveats

QMED (junior engineer, electrician, electrician/refrigerating engineer, pumpman or pumpman/machinist, refrigerating engineer or machinist) may be qualified for this endorsement if they have RFPEW, BT.

Until 1/1/17, existing mariners may qualify for this endorsement if they have served as QMED (junior engineer, oiler, fireman/watertender, deck-engine mechanic or engineman or RFPEW for not less than 12 months within 60 months prior to the application for the endorsement 46 CFR 12.607, and valid BT. Also, qualify for endorsement as RFPEW.

Renewal of Endorsement: Current BT and general requirement for their national QMED endorsement (46CFR 10.227)

Also, note national endorsement requirements for QMED in 46 CFR Subpart E (12.501 to 12.505).

IMPLEMENTATION OF THE STCW MANILA AMENDMENTS AND THE USCG FINAL RULES SUMMARY

Table 10: Qualifications for High-Speed Craft Type-Rating Endorsements

| International Code of Safety for High Speed Craft (the HSC Code), <u>46 CFR 11.821</u> , <u>NVIC 20-14</u> | | |
|---|---|---|
| Qualification | Standard | Notes |
| Qualifications for High-Speed Craft Type-Rating | | |
| Sea Service | Hold a valid officer endorsement for vessels of commensurate grade, tonnage, route, and/or horsepower | |
| Assessments | Enclosure 2 of <u>NVIC 20-14</u> | |
| Mandatory Approved Training | Present evidence of successful completion of a Coast Guard approved type rating training program | The performance-based training and assessment shall be performed on board the specific type and class of craft for which the endorsement is sought. At least 24 hours of classroom instruction and 96 hours of practical onboard instruction/training, including 40 hours while underway, should be provided. |
| Caveats | | |
| — A type-rating endorsement will be valid for 2 years. | | |
| Renewal | | |
| To Renew You Must Provide Evidence of: | | |
| — At least 6 months of service during the preceding 2 years in the endorsed position on the type of craft endorsed; AND | | |
| — At least 12 round trips during the preceding 2 years on the type of craft the endorsement is for over each route endorsed, AND | | |
| — Completion of a revalidation assessment, OR | | |
| — Complete a Coast Guard approved revalidation program | | |

Table 11: Qualification for STCW endorsement as Vessel Security Officer (VSO)

| STCW Regulation VI/6, <u>33 CFR 104.215</u> , <u>46 CFR 11.337</u> , <u>NVIC 21-14</u> | | |
|--|--|---|
| Qualification | Standard | Notes |
| Qualifications for Vessel Security Officer | | |
| Sea Service | Hold any Coast Guard-issued credential AND Meet one of the following sea service requirements: 12 months OR 6 months and have knowledge of vessel operations | “Any Coast-Guard-issued credential” includes officers and ratings. You must also be at least 18 years of age, speak, and understand the English language as would be relevant to the duties of a VSO. Your service must be on “acceptable” vessels, which means those that are required to have a Vessel Security Plan. For a detailed list of acceptable service, see <u>Enclosure 1 to NVIC 21-14</u> . |
| Assessments | Conducted in the approved training. | |
| Mandatory Approved Training | Present evidence of successful completion of a Coast Guard approved or accepted training program. | The minimum course length is 16 hours. A VSO course also satisfies the training requirement for Vessel Personnel with Designated Security Duties or Security Awareness. |
| Caveats | | |
| — The VSO endorsement does not need to be renewed or revalidated. | | |

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| Table 12: Qualification for STCW endorsement as Vessel Personnel with Designated Security Duties | | |
|---|---|--|
| STCW Regulation VI/6, <u>46 CFR 12.625</u>, <u>NVIC 21-14</u> | | |
| Qualification | Standard | Notes |
| Qualifications for Vessel Personnel with Designated Security Duties | | |
| Sea Service | None required | Persons who hold a VSO endorsement will qualify for a VPDSO endorsement. |
| Assessments | Conducted in the approved training. | |
| Mandatory Approved Training | Present evidence of successful completion of a Coast Guard approved or accepted training program. OR present satisfactory documentary evidence, such as a certificate or letter signed by a company official, of meeting the requirements in <u>33 CFR 104.220</u> . | The minimum course length is 10.5 hours. The Vessel Security Officer course can be taken to satisfy the training requirement for VPDSO. |
| Caveats | | |
| — The VPDSO endorsement does not need to be renewed or revalidated. | | |

| Table 13: Qualification for STCW endorsement for Security Awareness | | |
|--|--|---|
| STCW Regulation VI/6, <u>46 CFR 12.627</u>, <u>NVIC 21-14</u> | | |
| Qualification | Standard | Notes |
| Qualifications for Security Awareness | | |
| Sea Service | None required | Persons who hold a VSO or VPDSO endorsement will qualify for a Security Awareness endorsement. |
| Assessments | Conducted in the approved training. | |
| Mandatory Approved Training | Present evidence of successful completion of a Coast Guard approved or accepted training program OR present satisfactory documentary evidence, such as a certificate or letter signed by a company official, of meeting the requirements in <u>33 CFR 104.225</u> | The minimum course length is 4 hours. The Vessel Security Officer or VPDSO course can be taken to satisfy the training requirement for Security Awareness. |
| Caveats | | |
| — The Security Awareness endorsement does not need to be renewed or revalidated. | | |

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Table 14: STCW endorsements for officers and ratings serving on oil, chemical, and liquefied gas tank vessels

**STCW Regulations V/1-1, V/1-2, Sections A-V/1-1-1, A-V/1-1-2, A-V/1-1-3, A-V/1-2-1, A-V/1-2-2
 46 CFR Part 13, NVIC 22-14**

Qualifications

All STCW endorsements are dependent on holding one of the national endorsements as Tankerman provided in [46 CFR Part 13](#). That endorsement will then qualify you for an STCW endorsement in accordance with the following table.

| National Endorsement | STCW Endorsement | Comments |
|--|---|---|
| Tankerman-Assistant DL 46 CFR Part 13 Subpart D | Basic Oil and Chemical Tanker Operations (46 CFR 13.609) | STCW endorsement is a single endorsement valid for service on both oil tankers and chemical tankers. |
| Tankerman-Assistant LG 46 CFR Part 13 Subpart D | Basic Liquefied Gas Tanker Operations (46 CFR 13.611) | |
| Tankerman-PIC DL 46 CFR Part 13 Subpart B | Advanced Oil Tanker Operations (46 CFR 13.603) OR Advanced Chemical Tanker Operations (46 CFR 13.605) | 90 days of service on oil tankers must be documented for the STCW endorsement. An “oil tanker” is a tank vessel that is certificated to carry oil cargoes. This includes product tankers that are certificated to carry both oil and chemical cargoes. The Coast Guard will accept service submitted to qualify for the national endorsement of Tankerman-PIC DL, provided that the service was on oil tankers. Mariners should have the endorsement appropriate to the vessel’s cargo. > Also, see notes in the Caveat section below. |
| Tankerman-PIC LG 46 CFR Part 13 Subpart B | Advanced Liquefied Gas Tanker Operations (46 CFR 13.607) | |
| Tankerman-PIC (Barge) DL 46 CFR Part 13 Subpart C | Advanced Oil Tanker Operations (46 CFR 13.603) OR Advanced Chemical Tanker Operations (46 CFR 13.605) | 90 days of service on oil tank vessels or shore-based service on non-self-propelled oil tank vessels must be documented for the STCW endorsement. For the purposes of this document, this includes tank barges and integrated or articulated tug barge vessels (ITBs and ATBs). The Coast Guard will accept service submitted to qualify for the national endorsement of Tankerman-PIC (Barge) DL, provided that the service was on oil tankers. Mariners should have the endorsement appropriate to the vessel’s cargo. STCW endorsement will have a limitation to non-self-propelled vessels. > Also, see notes in the Caveat section below. |
| Tankerman-PIC (Barge) LG 46 CFR Part 13 Subpart C | Advanced Liquefied Gas Tanker Operations (46 CFR 13.607) | STCW endorsement will have a limitation to non-self-propelled vessels. |
| Tankerman-Engineer DL 46 CFR Part 13 Subpart E | Advanced Oil Tanker Operations (46 CFR 13.603) OR Advanced Chemical Tanker Operations (46 CFR 13.605) | Mariners should have the endorsement appropriate to the vessel’s cargo. STCW endorsement will have a limitation to maintenance and repair of cargo equipment. |
| Tankerman-Engineer LG 46 CFR Part 13 Subpart E | Advanced Liquefied Gas Tanker Operations (46 CFR 13.607) | STCW endorsement will have a limitation to maintenance and repair of cargo equipment. |

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STCW endorsements for officers and ratings serving on oil, chemical, and liquefied gas tank vessels *continued*

**STCW Regulations V/1-1, V/1-2, Sections A-V/1-1-1, A-V/1-1-2, A-V/1-1-3, A-V/1-2-1, A-V/1-2-2
46 CFR Part 13, NVIC 22-14**

Caveats

— You are still bound by any limitations and restrictions on your national tankerman endorsements even if those limitations do not appear on your STCW endorsement.

For endorsements as PIC and PIC (Barge):

— Mariners must demonstrate the standards of competence in Table A-V/1-1-2 of the STCW Code. Mariners may be considered to have met this requirement if they have completed a Coast Guard approved Tank Ship: Dangerous Liquids course and provide a statement signed by the Master or Chief Mate of an oil tanker that the mariner has demonstrated to the satisfaction of the signer that he or she is fully capable of supervising² transfers of dangerous liquid cargo, including those operations specified in 46 CFR 13.127(a)(4)(i) through (xiii). The documentation of the cargo transfers required for the national endorsement as Tankerman-PIC DL by 46 CFR 13.203 or as PIC (Barge) by 46 CFR 13.303, respectively, may be used for this purpose.

— However, because some of the persons identified in 46 CFR 13.205 will not have personally witnessed the demonstrations of competence, this letter will only be acceptable as evidence of meeting the standard of competence in the STCW Code if it is signed by the Master or Chief Mate of an oil tanker. A sample letter that may be used for this purpose is provided as Enclosure (2) to NVIC 22-14.

² Only if signed by Master or Chief Mate. If signed by the other persons authorized to sign for the national endorsement it is not acceptable for STCW. Documentation must include the statement described in 46 CFR 13.127(a)(4): “the applicant has demonstrated to the satisfaction of the signer that he or she is fully capable of supervising transfers of liquid cargo, including...(list)”. Having this statement is needed to satisfy the STCW requirement for a demonstration of competence.

IMPLEMENTATION OF THE STCW MANILA AMENDMENTS AND THE USCG FINAL RULES SUMMARY

| Table 15: Qualification For STCW Endorsements As Electro-Technical Officer (ETO) On Vessels Powered By Main Propulsion Machinery Of 750 kW/1,000 HP Or More | | |
|--|---|-------|
| STCW Regulation III/6, <u>46 CFR 11.102</u>, <u>46 CFR 11.335</u>, <u>NVIC 23-14</u> | | |
| Qualification | Standard | Notes |
| Qualifications | | |
| Sea Service | <p>Not less than 36 months combined workshop skills training and approved seagoing service of which not less than 30 months must be seagoing service in the engine department of vessels. Experience gained in the deck department may be creditable for up to 3 months of the service requirements</p> <p>OR</p> <p>Completion of an approved training program that includes a combination of workshop skill training and seagoing service of not less than 12 months, and which meets the requirements of Section A-III/6 of the STCW Code.</p> <p>The total days of workshop skills training should not exceed 180 days.</p> <p>Seagoing service is considered to be service on board a vessel that is relevant to qualification for ETO. The Coast Guard will accept service in the engine department of ocean, near coastal, Great Lakes, or inland vessels of at least 750 kW/1,000 HP as being relevant to the qualification of ETO. Mariners may also qualify using service on vessels of less than 750 kW/1,000 HP propulsion power by providing evidence that their service included duties relevant to the ETO endorsement.</p> | |
| Alternatively: | <p>As specified in <u>46 CFR 11.335(b)</u>, a mariner who has served in a relevant capacity onboard a vessel may qualify for an endorsement as ETO if they provide evidence of:</p> <ol style="list-style-type: none"> 1) Seagoing service of not less than 12 months within the last 60 months; and 2) Meeting the standards of competence specified in Section A-III/6 of the STCW Code. This may be done by providing evidence of the following: <ol style="list-style-type: none"> i Successful completion of the assessments in Enclosure (2) to NVIC 23-14 or an approved alternative; ii Completion of approved or accepted training for Basic and Advanced Firefighting and Medical First Aid Provider; and iii Holding or qualifying for an endorsement for Proficiency in Survival Craft and Rescue Boats Other Than Fast Rescue Boats or Proficiency in Survival Craft and Rescue Boats Other Than Lifeboats and Fast Rescue Boats-Limited. | |
| Assessments | See <u>Enclosure (2) of NVIC 23-14.</u> | |
| Mandatory Approved Training | <ul style="list-style-type: none"> — Basic Training — Medical First Aid Provider — Basic and Advanced Fire Fighting as specified in <u>46 CFR 11.303</u> — Proficiency in Survival Craft and Rescue Boats Other than Fast Rescue Boats — Onboard Computer Networking and Security — Radio Electronics — Integrated Navigation Equipment — Ship Propulsion and Auxiliary Machinery — Instrumentation and Control System — High-Voltage Power Systems | |

IMPLEMENTATION OF THE STCW MANILA AMENDMENTS AND THE USCG FINAL RULES SUMMARY

| Table 16: Qualification For STCW Endorsements As Electro-Technical Rating (ETR) On Vessels Powered By Main Propulsion Machinery Of 750 kW/1,000 HP Or More | | |
|--|---|-------|
| STCW Regulation III/7, 46 CFR 12.103 , 46 CFR 12.611 , NVIC 24-14 | | |
| Qualification | Standard | Notes |
| Qualifications | | |
| Sea Service | <p>Not less than 12 months of seagoing service that includes training and experience associated with engine room watchkeeping functions and involves the performance of duties carried out under the supervision of an engineer officer, electro-technical officer, or a qualified STCW engine rating;</p> <p>OR</p> <p>Completion of a Coast Guard approved or accepted program that includes not less than 6 months of approved seagoing service.</p> <p>Seagoing service is considered to be service on board a vessel that is relevant to qualification for ETR. The Coast Guard will accept service in the engine department of ocean, near coastal, Great Lakes, or inland vessels of at least 750 kW/1,000 HP as being relevant to ETR. Mariners may also acquire service on vessels of less than 750 kW/1,000 HP by providing evidence that their service included duties relevant to the ETR endorsement.</p> | |
| Alternatively | A mariner who holds an STCW endorsement as Able Seafarer-Engine and a national rating endorsement as Electrician, Electrician/Refrigerating Engineer, or Junior Engineer will qualify for an ETR endorsement upon completion of the required assessments and completing the approved courses listed below. | |
| Assessments | See Enclosure (2) of NVIC 24-14 . | |
| Mandatory Approved Training | <ul style="list-style-type: none"> — Basic Training — Computer Systems and Maintenance — High-Voltage Power Systems | |

IMPLEMENTATION OF THE STCW MANILA AMENDMENTS AND THE USCG FINAL RULES SUMMARY

Table 17: APPLICABLE NVICS

| NVIC: | Purpose | Notes |
|------------------------------|--|--|
| <u>01-14</u> | Guidance on Medical Certificates | |
| <u>02-14</u> | Grandfathering during Transition Period | Includes endorsements |
| <u>03-14</u> | STCW Course Approval Instructions | Cancels: NVIC 05-95, CG-CVC Policy 12-07, NMC Policies 1-98, 4-98, 7-98, 14-98, 15-98, 20-98, 1-99, 9-99, 10-99 10-01, 03-02, 08-02, 11-02, 12-02, 02-05, and 01-06 |
| <u>04-14</u> | Guidance for Personal Survival Craft (PSC) and Fast Rescue Boat Endorsements (FRB) | Cancels NVIC 03-02; NMC Policy letters 15-98, 05-01, 08-01, and 01-03 |
| <u>05-14</u> | Guidelines for Qualifications for FRB | Replaces Enclosure 1 of NVIC 03-00 |
| <u>06-14</u> | Guidelines for Qualifications for RFPNW | Cancels NVIC 02-02, NMC Policy 05-00, and portions of 14-02 |
| <u>07-14</u> | Guidelines for Qualifications for RFPEW | Cancels NVIC 01-06, and portions of NMC 14-02 |
| <u>08-14</u> | Guidelines for Basic Training | Cancels NVIC 05-00, NMC Policy 12-01 |
| <u>09-14</u> | Guidelines for Advanced Fire Fighting Endorsements | Cancels 01-02 |
| <u>10-14</u> | Guidelines for Master & Chief Mate – 3,000GT | Cancels NMC Policy 04-02 |
| <u>11-14</u> | Guidelines for Master & Chief Mate 500GT to <3,00GT | |
| <u>12-14</u> | Guidelines for Officer Charge of the Navigational Watch 500GT or more | Supersedes 08-02, CG-543, Policy 11-07 |
| <u>13-14</u> | Guidelines for Officer Charge of the Navigational Watch & Master Less than 500GT | Supersedes NVIC 05-02 |
| <u>14-14</u> | Guidelines for Able Seafarer - Deck | Cancels portions of CG-CVC Policy 12-07 |
| <u>15-14</u> | Chief Engineer & 2 nd Engineer 4000HP or more | |
| <u>16-14</u> | Chief Engineer & 2 nd Engineer 1000HP to 4000HP | |
| <u>17-14</u> | Officer in Charge of the Engineering Watch | |
| <u>18-14</u> | Able Seafarer- Engine | Canceled Section II of Encl. 1 of CG-CVC Policy 12-07 |
| <u>19-14</u> | Qualified Assessors | Cancels NVIC 6-97, Policy on Qualified Instructors and Designated Examiners. |
| <u>20-14</u> | Qualification For High-Speed Craft Type-Rating Endorsements | This NVIC supersedes National Maritime Center (NMC) *Policy Letter 06-01. (See note below) |
| *Note: | Policy Letter 06-01, Qualification for Issuance of Type Rating Endorsements Authorizing Service on High-Speed Craft. Policy Letter 06-01, Qualification for Issuance of Type Rating Endorsements Authorizing Service on High-Speed Craft | |
| <u>21-14</u> | Vessel Security Officers, Vessel Personnel With Designated Security Duties, and Security Awareness | Cancels CG-CVC Policy Letter 12-06 |
| <u>22-14</u> | Officers and Ratings On Oil, Chemical, and Liquefied Gas Tank Vessels | |
| <u>23-14</u> | Officers and Ratings On Oil, Chemical, and Liquefied Gas Tank Vessels | |
| <u>24-14</u> | Electro-Technical Rating On Vessels Powered By Main Propulsion Machinery of 750 kW/1,000 HP Or More | |

FORMS TO SUBMIT TO USCG REGIONAL EXAM CENTER (REC)

REMOVING MMC CREDENTIAL RESTRICTIONS AFTER COMPLETION OF STOP-GAP TRAINING

Submit the new [CG 719B](#) fillable form (effective October 2015) and photocopies course completion certificates to your REC, in person, by mail or electronically.

On the [CG-719B](#) form, **Section II** (Requested Coast Guard Credential(s) or Endorsement Type(s) Requested)

- Transaction Type:** Raise or Grade, **New Endorsement** or Increase in Scope.
- Endorsement Category: **Officer**
- Endorsement Category: **STCW**

1. Description of Endorsement Desired: Write in **“Removal of STCW Limitation or Restrictions”**
2. Remove instruction (pages 1 through 3) before submitting application.
3. A physical is not required and there is no fee to remove restrictions.

TO RENEW THE MEDICAL CERTIFICATE ONLY

1. Submit [CG 719K](#) Medical Evaluation form to your REC, in person, by mail or electronically.
2. Remove instruction (pages 1 through 3) before submitting application.
3. There is no fee for this renewal.

Note: The mariner should simply state that they are renewing their medical certificate in the body of the email if emailing the form, or attach the statement on a piece of paper if mailing or presenting the form in person.

THE MMC RENEWAL PROCESS REQUIRES ALL OF THE BELOW FORMS:

1. [CG 719B](#) Application
2. [CG 719C](#) Conviction Statement (*only needed if mariner has a conviction.*)
3. [CG 719K](#) Medical Evaluation
4. [CG 719P](#) Drug Screening or program participation letter
5. Discharges (Proof of one year of sea service in previous 5 years)
6. BT Revalidation Certificates, commencing after 01 January 2017
7. Radar Recertification, if due
8. [pay.gov](#) receipt for fees
9. Submit the above forms to your REC, in person, by mail or electronically.

THE MMC OFFICER UPGRADE PROCESS REQUIRES ALL OF THE BELOW FORMS:

1. [CG 719B](#) Application
2. [CG 719C](#) Conviction Statement
3. [CG 719K](#) Medical Evaluation
4. [CG 719P](#) Drug Screening or program participation letter
5. Discharges (Proof of one year of sea service in previous 5 years)
6. BT Revalidation Certificates, commencing after 31 December 2016
7. Radar Recertification, if due
8. Mandatory Training Certificates
9. Mandatory STCW Task Completion Record or individual sheets
10. [Pay.gov](#) receipt for fees
11. Submit the above forms to your REC, in person, by mail or electronically

Click for [Form descriptions](#). Verify your package by using the [NMC Credential Application Acceptance Checklist](#)