



SHIP SAFETY BULLETIN

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Subject: Update on How to Meet STCW 2010 Manila Convention Requirements for Masters, Deck Officers and Ratings

Purpose

This bulletin supplements Ship Safety Bulletin #09/2015. It provides more guidance for Masters, deck officers and ratings on how to comply with the new requirements of the *International Convention on Standards of Training, Certification, and Watchkeeping for Seafarers, as amended by the 2010 Manila Conference (STCW 2010 Manila)* after December 31, 2016.

- ❖ **Guidance for officers and ratings of the engine department is published in a separate bulletin.**

Scope

This updated bulletin details the requirements for:

- Training, examinations and sea service to obtain a Master, deck officer or rating Certificate of Competency (CoC), that meets the *STCW 2010 Manila* ;
- Renewal of a STCW CoC;
- Passenger and RoRo passenger vessels personnel certification and
- Marine Emergency Duties (MED) refresher training.

Application

The *STCW 2010 Manila* does **not** apply to fishing vessels. Holders of a valid Fishing CoC and seafarers working onboard a fishing vessel are not required at this time, to complete MED refresher training, unless a person does not have enough sea service to meet the CoC renewal requirement.

Keywords:

1. STCW 2010
2. Marine Personnel Regulations
3. CoC

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Background

The *STCW 2010 Manila* came into force on January 1, 2012 and the transition period allowed by the convention is scheduled to end on December 31, 2016. Canada, as a party to the Convention, is required to fully comply with the requirements of the *STCW 2010 Manila* by January 1st, 2017.

Transport Canada Marine Safety and Security (TCMSS) has submitted a number of amendments to modernize the current *Marine Personnel Regulations* (MPR). Until these amendments come into force, TCMSS has developed interim measures to implement the *STCW 2010 Manila*.

The principles of these interim measures are listed in the Annex 1 to this bulletin.

Issuance of STCW endorsed CoC

After December 31, 2016:

- a seafarer who wishes to apply for a *STCW 2010 CoC* listed in column 1 of the table in Annex 1, **will need to meet the requirements** set out in columns 2 to 5.
- a seafarer who had started an approved cadet training program before August 2008, but has not yet obtained a *CoC*, will have to fully comply with all *STCW 2010 Manila* requirements.

STCW Certificate of competency (CoC) renewals

TCMSS considers a seafarer, who holds a valid Canadian *STCW CoC*, as complying with *STCW 2010 Manila*.

The Canadian *STCW CoC* will be renewed, in accordance with sections 106 of the current MPR, and as outlined in Ship Safety Bulletin #09/2015.

Passenger Vessel Training and Qualifications (Deck and Engine)

Contrary to information in Ship Safety Bulletin #09/2015 after December 31st, 2016 the current MPR regime for the certification of seafarers on passenger vessels will continue to apply until further notice.

TCMSS will continue to:

- Require the *Passenger Vessel Management* (PSM) and *Specialized Passenger Safety Management – RoRo Vessels* (PSM-RoRo) *CoC* or endorsement, under sections 229 and 230 of the current MPR; and
- Issue them under sections 109,157 and 158.

MED Refresher Training Requirements (Deck and Engine)

It is not compulsory for Masters, officers and any seafarer after December 31st, 2016 to take a *Marine Emergency Duties (MED)* refresher training nor to obtain a MED Certificate of Proficiency (CoP), when sailing on a vessel making a:

- Voyage in *Sheltered waters*;
- *Near Coastal, Class 2* voyage;
- *Near Coastal, Class 1* voyage on the Great Lakes;
- Voyage in the waters of the Gulf of St. Lawrence and Cabot Strait, up to 25nm seaward of a straight line joining Cape Canso at 45° 18.36'N, 60° 56.28'W and Cape Pine at 46° 36.81'N, 53°32.5'W (see Annex 2) or
- Voyage in the areas of Queen Charlotte Sound and Hecate Strait, up to 25 nm seaward of a straight line joining Winifred Island at 50° 39' 40" N, 128° 22' 00" W, and Kunghit Island at 51° 56' 37" N, 131° 01' 52" W. (see Annex 3)

Within these waters, the current MPR regime remains in force.

After December 31st, 2016, seafarers assigned on the muster list to MED duties and all officers sailing on a vessel making a voyage that is outside of the limits specified in the previous paragraph are required by the *STCW 2010 Manila* to take refresher training every 5 years and to hold a CoP in the related MED duties.

As outline in SSB #09/2015, a seafarer wishing to obtain a new CoC STCW 2010 after December 31st, 2016, will need to hold the required MED CoP.

To obtain a MED CoP, a seafarer must complete an appropriate MED course, or a MED refresher course, within 5 years of the application date.

Annex 1

| Requirements for STCW 2010 Manila CoC (Nautical) | | | | |
|--|-----------------|--|---|--|
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| CoC | Sea Service | Certificates to be provided to the Examiner | Qualifications to be obtained ⁱ | Additional Requirements |
| Master Mariner | MPR Part 1- 123 | <p>(a) MED with respect to STCW Basic Safety (STCW BS) (completed in the last 5 years) or Refresher Training Course in STCW Basic Safety (REF-STCW BS)</p> <p>(b) MED training with respect to Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (PSC) (completed in the last 5 years) or Refresher Training Course in Survival Craft and Rescue Boats other than Fast Rescue Boats (REF-PSC);</p> <p>(c) MED in Advanced Firefighting (AFF) (completed in the last 5 years) or Refresher Training Course in Advanced Firefighting (REF-AFF);</p> <p>(d) Restricted Operator's Certificate (ROC-MC) issued under the Radiocommunication Act;</p> <p>(e) SEN-Management Level (SEN-M)ⁱⁱ</p> <p>(f) Electronic Chart Display and Information System (ECDIS);</p> <p>(g) Leadership and Managerial Skill (LMS); and</p> <p>(h) Marine advanced first aid (MAFA).</p> | <p>(a) Communications (COM),</p> <p>(b) Celestial navigation, level 2 (ASTRO 2);</p> <p>(c) Navigation systems and instruments (NS&I);</p> <p>(d) Navigation safety, level 2 (NS 2);</p> <p>(e) Meteorology, level 2 (MET 2);</p> <p>(f) Ship management, level 3 (SM 3);</p> <p>(g) Ship management, level 4 (SM 4);</p> <p>(h) Ship construction and stability, level 4 (SCS 4);</p> <p>(i) Ship construction and stability, level 5 (SCS 5);</p> <p>(j) Cargo, level 3 (CG3);</p> <p>(k) Engineering knowledge, level 2 (EK 2);</p> <p>(l) SIM Mⁱⁱⁱ, after obtaining the certificate referred to in column 3(e); and</p> <p>(m) Oral examination on general seamanship, after meeting the other requirements of this table.</p> | Hold a certificate as per MPR part 1-123 (1) Table item 1. |

| Requirements for STCW 2010 Manila CoC (Nautical) | | | | |
|--|----------------|--|--|--|
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| CoC | Sea Service | Certificates to be provided to the Examiner | Qualifications to be obtained ⁱ | Additional Requirements |
| Master Near Coastal | MPR Part 1-124 | <p>(a) MED with respect to STCW Basic Safety (STCW BS) (completed in the last 5 years) or Refresher Training Course in STCW Basic Safety (REF-STCW BS)</p> <p>(b) MED training with respect to Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (PSC) (completed in the last 5 years) or Refresher Training Course in Survival Craft and Rescue Boats other than Fast Rescue Boats (REF-PSC);</p> <p>(c) MED in Advanced Firefighting (AFF) (completed in the last 5 years) or Refresher Training Course in Advanced Firefighting (REF-AFF);</p> <p>(d) Restricted Operator's Certificate (ROC-MC) issued under the Radiocommunication Act;</p> <p>(e) SEN-Management Level (SEN-M)ⁱⁱ</p> <p>(f) Electronic Chart Display and Information System (ECDIS);</p> <p>(g) Leadership and Managerial Skill (LMS); and</p> <p>(h) Marine advanced first aid (MAFA).</p> | <p>(a) Navigation systems and instruments(NS&I);</p> <p>(b) Navigation safety, level 2 (NS 2);</p> <p>(c) Meteorology, level 2 (MET 2);</p> <p>(d) Ship management, level 3 (SM 3);</p> <p>(e) Ship management, level 4 (SM 4);</p> <p>(f) Ship construction and stability, level 4 (SCS 4);</p> <p>(g) Ship construction and stability, level 5 (SCS 5);</p> <p>(h) Cargo, level 3 (CG 3);</p> <p>(i) Engineering knowledge, level 2 (EK 2);</p> <p>(j) SIM Mⁱⁱⁱ, after obtaining the certificate referred to in column 3(e); and</p> <p>(k) Oral examination on general seamanship, after meeting the other requirements of this table.</p> | Hold a certificate as per MPR part 1-124 (1) Table item 1. |

| Requirements for STCW 2010 Manila CoC (Nautical) | | | | |
|---|--------------------|--|--|--|
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| CoC | Sea Service | Certificates to be provided to the Examiner | Qualifications to be obtainedⁱ | Additional Requirements |
| Master Near Coastal, 3000 GT | MPR Part 1-125 | <p>(a) MED with respect to STCW Basic Safety (STCW BS) (completed in the last 5 years) or Refresher Training Course in STCW Basic Safety (REF-STCW BS)</p> <p>(b) MED training with respect to Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (PSC) (completed in the last 5 years) or Refresher Training Course in Survival Craft and Rescue Boats other than Fast Rescue Boats (REF-PSC);</p> <p>(c) MED in Advanced Firefighting (AFF) (completed in the last 5 years) or Refresher Training Course in Advanced Firefighting (REF-AFF);</p> <p>(d) Restricted Operator's Certificate (ROC-MC) issued under the Radiocommunication Act;</p> <p>(e) SEN-Management Level (SEN-M)ⁱⁱ</p> <p>(f) Electronic Chart Display and Information System (ECDIS);</p> <p>(g) Leadership and Managerial Skill (LMS); and</p> <p>(h) Marine advanced first aid (MAFA).</p> | <p>(a) Communications (COM);</p> <p>(b) Navigation safety, level 2 (NS 2);</p> <p>(c) Meteorology, level 2 (MET 2);</p> <p>(d) Ship management, level 3 (SM 3);</p> <p>(e) Ship construction and stability, level 4 (SCS 4);</p> <p>(f) Cargo, level 2 (CG 2);</p> <p>(g) Engineering knowledge, level 1 (EK 1);</p> <p>(h) SIM Mⁱⁱⁱ, after obtaining the certificate referred to in column 3(e); and</p> <p>(i) Oral examination on general seamanship, after meeting the other requirements of this table.</p> | Hold a certificate as per MPR part 1-125 (1) Table item 1. |

| Requirements for STCW 2010 Manila CoC (Nautical) | | | | |
|--|----------------|--|--|--|
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| CoC | Sea Service | Certificates to be provided to the Examiner | Qualifications to be obtained ⁱ | Additional Requirements |
| Master Near Coastal, 500 GT | MPR Part 1-126 | <p>(a) MED with respect to STCW Basic Safety (STCW BS) (completed in the last 5 years) or Refresher Training Course in STCW Basic Safety (REF-STCW BS)</p> <p>(b) MED training with respect to Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (PSC) (completed in the last 5 years) or Refresher Training Course in Survival Craft and Rescue Boats other than Fast Rescue Boats (REF-PSC);</p> <p>(c) MED in Advanced Firefighting (AFF) (completed in the last 5 years) or Refresher Training Course in Advanced Firefighting (REF-AFF);</p> <p>(d) Restricted Operator's Certificate (ROC-MC) issued under the Radiocommunication Act;</p> <p>(e) SEN-Management Level (SEN-M)ⁱⁱ</p> <p>(f) Electronic Chart Display and Information System (ECDIS);</p> <p>(g) Leadership and Managerial Skill (LMS); and</p> <p>(h) Marine advanced first aid (MAFA).</p> | <p>(a) Communications (COM);</p> <p>(b) Meteorology, level 1 (MET 1);</p> <p>(c) Ship management, level 2 (SM 2);</p> <p>(d) Ship construction and stability, level 3 (SCS 3);</p> <p>(e) Cargo, level 1 (CG 1);</p> <p>(f) Engineering knowledge, level 1 (EK1);</p> <p>(g) SIM Mⁱⁱⁱ, after obtaining the certificate referred to in column 3(e); and</p> <p>(h) Oral examination on general seamanship, after meeting the other requirements of this table.</p> | Hold a certificate as per MPR part 1-126 (1) Table item 1. |

| Requirements for STCW 2010 Manila CoC (Nautical) | | | | |
|--|-----------------|--|---|--|
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| CoC | Sea Service | Certificates to be provided to the Examiner | Qualifications to be obtained ⁱ | Additional Requirements |
| Chief Mate | MPR Part 1 -132 | <p>(a) MED with respect to STCW Basic Safety (STCW BS) (completed in the last 5 years) or Refresher Training Course in STCW Basic Safety (REF-STCW BS)</p> <p>(b) MED training with respect to Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (PSC) (completed in the last 5 years) or Refresher Training Course in Survival Craft and Rescue Boats other than Fast Rescue Boats (REF-PSC);</p> <p>(c) MED in Advanced Firefighting (AFF) (completed in the last 5 years) or Refresher Training Course in Advanced Firefighting (REF-AFF);</p> <p>(d) Restricted Operator's Certificate (ROC-MC) issued under the Radiocommunication Act;</p> <p>(e) SEN-Management Level (SEN-M)ⁱⁱ</p> <p>(f) Electronic Chart Display and Information System (ECDIS);</p> <p>(g) Leadership and Managerial Skill (LMS); and</p> <p>(h) Marine advanced first aid (MAFA).</p> | <p>(a) Celestial navigation, level 2 (ASTRO 2);</p> <p>(b) Navigation systems and instruments (NS&I);</p> <p>(c) Navigation safety, level 2(NS 2);</p> <p>(d) Meteorology, level 2 (MET 2);</p> <p>(e) Ship management, level 3 (SM 3);</p> <p>(f) Ship construction and stability, level 4 (SCS 4);</p> <p>(g) Cargo, level 3 (CG 3);</p> <p>(h) Engineering knowledge, level 1 (EK 1);</p> <p>(i) SIM Mⁱⁱⁱ, after obtaining the certificate referred to in column 3(e); and</p> <p>(j) Oral examination on general seamanship, after meeting the other requirements of this table.</p> | Hold a certificate as per MPR part 1 -132(1) Table item 1. |

| Requirements for STCW 2010 Manila CoC (Nautical) | | | | |
|--|-----------------------|--|--|---|
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| CoC | Sea Service | Certificates to be provided to the Examiner | Qualifications to be obtained ⁱ | Additional Requirements |
| Chief Mate Near Coastal | As per MPR Part 1-133 | <p>(a) MED with respect to STCW Basic Safety (STCW BS) (completed in the last 5 years) or Refresher Training Course in STCW Basic Safety (REF-STCW BS)</p> <p>(b) MED training with respect to Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (PSC) (completed in the last 5 years) or Refresher Training Course in Survival Craft and Rescue Boats other than Fast Rescue Boats (REF-PSC);</p> <p>(c) MED in Advanced Firefighting (AFF) (completed in the last 5 years) or Refresher Training Course in Advanced Firefighting (REF-AFF);</p> <p>(d) Restricted Operator's Certificate (ROC-MC) issued under the Radiocommunication Act;</p> <p>(e) SEN-Management Level (SEN-M)ⁱⁱ</p> <p>(f) Electronic Chart Display and Information System (ECDIS);</p> <p>(g) Leadership and Managerial Skill (LMS); and</p> <p>(h) Marine advanced first aid (MAFA).</p> | <p>(a) Navigation systems and instruments (NS&I);</p> <p>(b) Navigation safety, level 2 (NS 2);</p> <p>(c) Meteorology, level 2 (MET 2);</p> <p>(d) Ship management, level 3 (SM 3);</p> <p>(e) Ship construction and stability, level 4 (SCS 4);</p> <p>(f) Cargo, level 3 (CG 3);</p> <p>(g) Engineering knowledge, level 1; (EK 1)</p> <p>(h) SIM Mⁱⁱⁱ, after obtaining the certificate referred to in column 3(e); and</p> <p>(i) Oral examination on general seamanship, after meeting the other requirements of this table.</p> | Hold a certificate as per MPR part 1-133(1) Table item 1. |

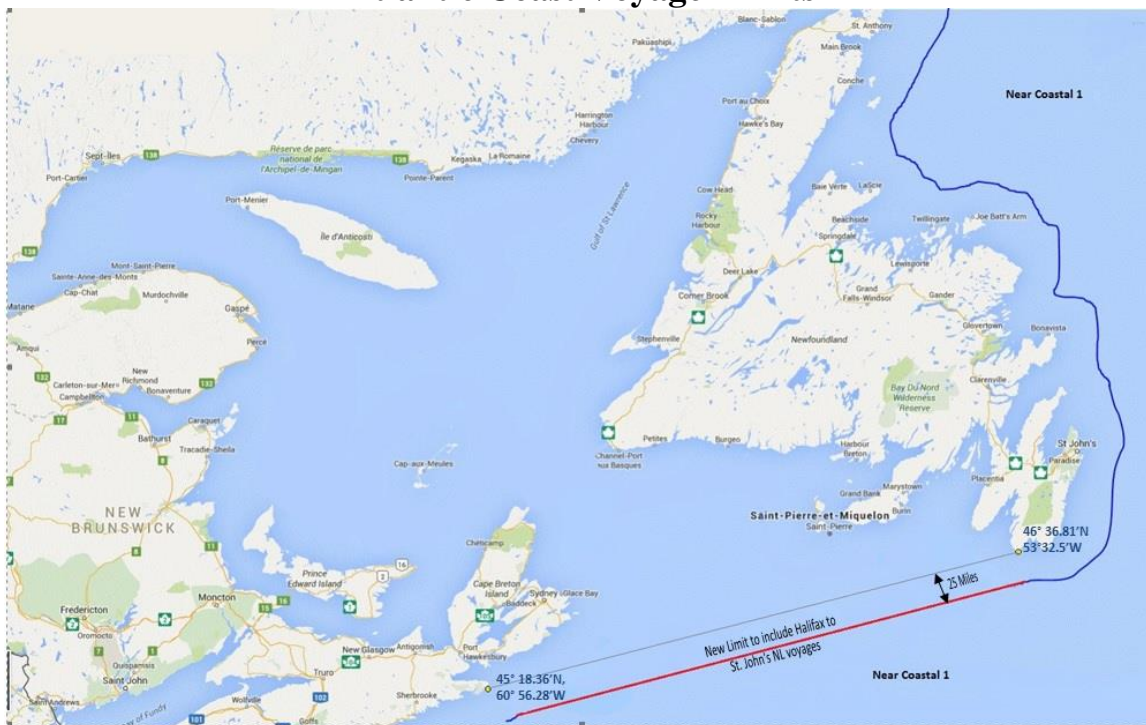
| Requirements for STCW 2010 Manila CoC (Nautical) | | | | |
|--|-----------------|---|---|-------------------------|
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| CoC | Sea Service | Certificates to be provided to the Examiner | Qualifications to be obtained ⁱ | Additional Requirements |
| Watch-keeping Mate | MPR Part 1 -134 | <p>(a) MED with respect to STCW Basic Safety (STCW BS) (completed in the last 5 years) or Refresher Training Course in STCW Basic Safety (REF-STCW BS)</p> <p>(b) MED training with respect to Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (PSC) (completed in the last 5 years) or Refresher Training Course in Survival Craft and Rescue Boats other than Fast Rescue Boats (REF-PSC);</p> <p>(c) MED in Advanced Firefighting (AFF) (completed in the last 5 years) or Refresher Training Course in Advanced Firefighting (REF-AFF);</p> <p>(d) Restricted Operator's Certificate (ROC-MC) issued under the Radiocommunication Act;</p> <p>(e) Electronic Positioning System (EPS) and SEN-Operational Level (SEN-O)^{iv}</p> <p>(f) Electronic Chart Display and Information System (ECDIS);</p> <p>(g) Leadership and Teamwork (LTW);</p> <p>(h) Marine advanced first aid (MAFA);</p> <p>(i) Knowledge and use of a marine sextant; and</p> <p>(j) A steering testimonial attesting to the applicant's ability to steer and containing the declaration and at least the information set out in Schedule 3 of Part I of the MPR.</p> | <p>(a) Communications (COM);</p> <p>(b) Chartwork and pilotage, level 2 (CP 2);</p> <p>(c) Navigation safety, level 1 (NS 1);</p> <p>(d) Meteorology, level 1 (MET 1);</p> <p>(e) Ship construction and stability, level 4 (SCS 4);</p> <p>(f) Cargo, level 2 (CG 2);</p> <p>(g) General ship knowledge, level 3 (GSK 3);</p> <p>(h) SIM O^v, after obtaining the certificates referred to in column 3(e);</p> <p>(i) Celestial navigation, level 2 (ASTRO 2), after obtaining the certificate required under column 3(i); and</p> <p>(j) Oral examination on general seamanship, after meeting the other requirements of this table.</p> | |

| Requirements for STCW 2010 Manila CoC (Nautical) | | | | |
|--|-----------------|---|--|-------------------------|
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| CoC | Sea Service | Certificates to be provided to the Examiner | Qualifications to be obtained ⁱ | Additional Requirements |
| Watch-keeping Mate, Near Coastal | MPR Part 1 -134 | <p>(a) MED with respect to STCW Basic Safety (STCW BS) (completed in the last 5 years) or Refresher Training Course in STCW Basic Safety (REF-STCW BS)</p> <p>(b) MED training with respect to Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (PSC) (completed in the last 5 years) or Refresher Training Course in Survival Craft and Rescue Boats other than Fast Rescue Boats (REF-PSC);</p> <p>(c) MED in Advanced Firefighting (AFF) (completed in the last 5 years) or Refresher Training Course in Advanced Firefighting (REF-AFF);</p> <p>(d) Restricted Operator's Certificate (ROC-MC) issued under the Radiocommunication Act;</p> <p>(e) Electronic Positioning System (EPS) and SEN-Operational Level (SEN-O)^{iv}</p> <p>(f) Electronic Chart Display and Information System (ECDIS);</p> <p>(g) Leadership and Teamwork (LTW);</p> <p>(h) Marine advanced first aid (MAFA);</p> <p>(i) A steering testimonial attesting to the applicant's ability to steer and containing the declaration and at least the information set out in Schedule 3 of Part I of the MPR.</p> | <p>(a) Communications (COM);</p> <p>(b) Chartwork and pilotage, level 2 (CP 2);</p> <p>(c) Navigation safety, level 1 (NS 1);</p> <p>(d) Meteorology, level 1 (MET 1);</p> <p>(e) Ship construction and stability, level 4 (SCS 4);</p> <p>(f) Cargo, level 2 (CG 2);</p> <p>(g) General ship knowledge, level 3 (GSK 3);</p> <p>(h) SIM O^v, after obtaining the certificates referred to in column 3(e);and</p> <p>(i) Oral examination on general seamanship, after meeting the other requirements of this table.</p> | |

Notes to Annex 1

- i. Qualifications obtained can be: TCMSS examination or proof of success completion of TCMSS approved course by providing a TC training certificate.
- ii. If the candidate has successfully completed SEN 2 before January 1, 2018, it may be substituted for SEN M, if the candidate meets the MPR Part 1 Section 103. Otherwise, the candidate will need to complete the SEN-Refresher Training.
- iii. If the candidate has passed SIM II before January 1, 2018, it may be substituted for SIM M, if the examination credit for SIM II meets the MPR Part 1 Section 113. Otherwise, the candidate will have to complete the SIM exam for the level again.
- iv. If the candidate has successfully completed SEN 1A&B before January 1, 2018, it may be substituted for EPS and SEN-O, if the candidate meets the MPR Part 1 Section 103. Otherwise, the candidate will need to complete the SEN-Refresher Training.
- v. If the candidate has successfully completed SIM I before January 1, 2018, it may be substituted for SIM O, if the examination credit for SIM I meets the MPR Part 1 Section 113. Otherwise, they will have to complete the SIM exam for the level again.

Annex 2 Atlantic Coast Voyage Limits



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Annex 3 Pacific Coast Voyage Limits



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