

FOR DISCUSSION ONLY

- (iv) preparation, cooking, baking and serving a variety of meals; and
- (d) has acquired at least 1 month sea service carrying out functions related to galley department operations.

Note to reader:

Aligns with MLC 2006, as amended. Means of demonstrating the knowledge requirement will be set out in TP 2293

Division 5 - Certificates of Proficiency

Certificates of Proficiency for Emergencies

Note to reader

The 2010 Manila amendments introduced the concept of certificates of proficiency.

Most current endorsements will become certificates of proficiency

5 year renewal is an STCW requirement

STCW Basic Safety

153 (1) The Minister must, on application, issue an STCW Basic Safety certificate of proficiency to a person if the person

- (a) is at least 16 years of age on the day on which the certificate is issued;
- (b) holds a certificate issued under the Act attesting to their medical fitness to perform the duties to which the certificate of proficiency relates; and
- (c) obtained, within the five years before the application date, an STCW basic safety training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent.

Renewal

(2) The Minister must, on application, renew an STCW Basic Safety certificate of proficiency to a person if, within the five years before the application date, the person

- (a) obtained a training certificate for completing an STCW basic safety course or refresher course or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent; or

FOR DISCUSSION ONLY

(b) participated as an instructor in a course referred to in paragraph (a).

Survival Craft and Rescue Boats Other Than Fast Rescue Boats

154 (1) The Minister must, on application, issue a Survival Craft and Rescue Boats Other Than Fast Rescue Boats certificate of proficiency to a person if the person

- (a) holds a certificate issued under the Act attesting to their medical fitness to perform the duties to which the certificate of proficiency relates;
- (b) obtained, within the five years before the application date, a survival craft and rescue boats other than fast rescue boats training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent; and
- (c) has acquired at least six months of sea service on board a vessel equipped with a survival craft.

Renewal

(2) The Minister must, on application, renew a Survival Craft and Rescue Boats Other Than Fast Rescue Boats certificate of proficiency if, within the five years before the application date, the person

- (a) obtained a training certificate for completing a survival craft and rescue boats other than fast rescue boats course or refresher course or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent; or
- (b) has participated as an instructor in a course referred to in paragraph (a).

Fast Rescue Boats

155 (1) The Minister must, on application, issue a Fast Rescue Boats certificate of proficiency to a person if the person

- (a) holds a certificate issued under the Act attesting to their medical fitness to perform the duties to which the certificate of proficiency relates;
- (b) holds a Survival Craft and Rescue Boats Other Than Fast Rescue Boats certificate of proficiency; and
- (c) obtained, within the five years before the application date, a fast rescue boat training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent.

FOR DISCUSSION ONLY

Renewal

(2) The Minister must, on application, renew a Fast Rescue Boats certificate of proficiency if, within the five years before the application date, the person

(a) obtained a training certificate for completing a fast rescue boats course or refresher course, or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent; or

(b) has participated as an instructor in a course referred to in paragraph (a).

Restricted Proficiency in Survival Craft and Rescue Boats Other Than Fast Rescue Boats

156 The Minister must, on application, issue a Restricted Proficiency in Survival Craft and Rescue Boats Other Than Fast Rescue Boats certificate of proficiency to a person if the person

(a) passes a practical exam on the life-saving apparatus, appliances and equipment to which the certificate relates; and

(b) has acquired at least 1 month of sea service on board the vessel in respect of which the certificate is sought.

Advanced Fire Fighting

157 (1) The Minister must, on application, issue an Advanced Fire Fighting certificate of proficiency to a person if the person

(a) holds a certificate issued under the Act attesting to their medical fitness to perform the duties to which the certificate of proficiency relates; and

(b) obtained, within the five years before the application date, an advanced fire fighting training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent.

Renewal

(2) The Minister must, on application, renew an Advanced Fire Fighting certificate of proficiency if, within the 5 years before the application date for renewal, the person

(a) obtained a training certificate for completing an advanced fire fighting course or refresher course, or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent; or

FOR DISCUSSION ONLY

- (b) participated as an instructor in a course referred to in paragraph (a).

Certificates of Proficiency for Medical First Aid and Care

Marine Advanced First Aid

158 (1) The Minister must, on application, issue a Marine Advanced First Aid certificate of proficiency to a person if, within the five years before the application date, the person obtained

- (a) a marine advanced first aid training certificate; or
- (b) any other document evidencing completion of a course that the Minister determines is equivalent to the training referred to in paragraph (a).

Renewal

(2) The Minister must, on application, renew a Marine Advanced First Aid certificate of proficiency if, within the five years before the application date, the person

- (a) obtained a training certificate for completing a marine advanced first aid course or refresher course;
- (b) obtained any other document evidencing completion of a course that the Minister determines is equivalent; or
- (c) participated as an instructor in the course referred to in paragraph (a).

Marine Medical Care

159 (1) The Minister must, on application, issue a Marine Medical Care certificate of proficiency to a person if, within the five years before the application date, the person obtained

- (a) a marine medical care training certificate; or
- (b) any other document evidencing completion of a course that the Minister determines is equivalent to the training referred to in paragraph (a).

Renewal

(2) The Minister must, on application, renew a Marine Medical Care certificate of proficiency to a person if, within the five years before the application date, the person

- (a) obtained a training certificate for completing a marine medical care course or a marine medical care

FOR DISCUSSION ONLY

refresher course;

- (b) obtained any other document evidencing completion of a course that the Minister determines is equivalent to the training referred to in paragraph (a); or
- (c) participated as an instructor in a course referred to in paragraph (a).

Certificates of Proficiency for Tankers Operations

Basic Training for Oil and Chemical Tanker Cargo Operations

160 (1) The Minister must, on application, issue a Basic Training for Oil and Chemical Tanker Cargo Operations certificate of proficiency to a person if the person

- (a) is at least 16 years of age on the day the certificate is issued;
- (b) holds a certificate issued under the Act attesting to their medical fitness to perform the duties to which the certificate of proficiency relates;
- (c) holds a document evidencing that the person has completed a course with respect to STCW basic safety that meets the requirements of Section A-VI/1 of the STCW Code; and
- (d) within the five years before the application date, obtained a basic training for oil and chemical tanker cargo operations training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent.

Renewal

(2) The Minister must, on application, renew a Basic Training for Oil and Chemical Tanker Cargo Operations certificate of proficiency if, within the five years before the application date, the person has

- (a) obtained a training certificate for completing a basic training for oil and chemical tanker cargo operations course or refresher course, or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent;
- (b) participated as an instructor in a course referred to in paragraph (a); or
- (c) acquired at least three months of sea service, on board an oil or chemical tanker, performing duties relating to the loading, discharging or transferring of cargo and the operation of cargo equipment.

FOR DISCUSSION ONLY

Basic Liquefied Gas Tanker Cargo Operations

161 (1) The Minister must, on application, issue a Basic Liquefied Gas Tanker Cargo Operations certificate of proficiency to a person if the person

- (a) is at least 16 years of age on the day on which the certificate is issued;
- (b) holds a certificate issued under the Act attesting to their medical fitness to perform the duties to which the certificate of proficiency relates;
- (c) holds a document evidencing that the person has completed a course with respect to STCW basic safety that meets the requirements of Section A-VI/1 of the STCW Code; and
- (d) within the five years before the application date, obtained a basic training for liquefied gas tanker cargo operations training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent.

Renewal

(2) The Minister must, on application renew a Basic Liquefied Gas Tanker Cargo Operations certificate of proficiency if, within the five years before the application, the person

- (a) obtained a training certificate for completing a basic training for liquefied gas tanker cargo operations course or refresher course, or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent;
- (b) participated as an instructor in a course referred to in paragraph (a); or
- (c) has acquired at least three months of sea service, on board a liquefied gas tanker, performing duties relating to the loading, discharging or transferring of cargo and the operation of cargo equipment.

Advanced Training for Oil Tanker Cargo Operations

162 (1) The Minister must, on application, issue an Advanced Training for Oil Tanker Cargo Operations certificate of proficiency to a person if the person

- (a) holds a Basic Training for Oil and Chemical Tanker Cargo Operations certificate of proficiency;
- (b) obtained, within the five years before the application date, an advanced training for oil tanker cargo operations training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent; and
- (c) after obtaining the certificate referred to in paragraph (a), has acquired at least three months of sea service, on board an oil tanker, as officer in charge of the deck watch or engine room watch.

FOR DISCUSSION ONLY

Renewal

(2) The Minister must, on application, renew an Advanced Training for Oil Tanker Cargo Operations certificate of proficiency if, within the five years before the date of application, the person

(a) obtained a training certificate for completing an advanced training for oil tanker cargo operations course or refresher course, or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent;

(b) participated as an instructor in a course referred to in paragraph (a), or

(c) has acquired at least three months of sea service, on board an oil tanker, as officer in charge or the deck watch or engine room watch, performing duties relating to the loading, discharging or transferring of cargo and the operation of cargo equipment.

Advanced Training for Chemical Tanker Cargo Operations

163 (1) The Minister must, on application, issue an Advanced Chemical Tanker Cargo Operations certificate of proficiency to a person if the person

(a) holds a Basic Training for Oil and Chemical Tanker Cargo Operations certificate of proficiency;

(b) obtained, within the five years before the application date, an advanced training for chemical tanker cargo operations training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent; and

(c) after obtaining the certificate referred to in paragraph (a), has acquired at least three months of sea service, on board a chemical tanker vessel, as officer in charge of the deck watch or engine room watch.

Renewal

(2) The Minister must, on application, renew an Advanced Chemical Tanker Cargo Operations certificate of proficiency if, within the five years before the date of application, the person

(a) obtained a training certificate for completing an advanced training for chemical tanker cargo operations course or refresher course, or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent;

(b) participated as an instructor in a course referred to in paragraph (a), or

(c) has acquired at least three months of sea service, as officer in charge of the deck watch or engine room watch, on board a chemical tanker vessel, performing duties relating to the loading, discharging or transferring of cargo and the operation of cargo equipment.

FOR DISCUSSION ONLY

Advanced Liquefied Gas Tanker Cargo Operations

164 (1) The Minister must, on application, issue an Advanced Training for Liquefied Gas Tanker Cargo Operations certificate of proficiency to a person if the person

- (a) holds a Basic Training for Liquefied Gas Tanker Cargo Operations certificate of proficiency; and
- (b) obtained, within the five years before the application date, an advanced training for liquefied gas tanker cargo operations training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent, and
- (c) after obtaining the certificate referred to in paragraph (a), has acquired at least three months of sea service, as officer in charge or the deck watch or engine room watch, on board a liquefied gas tanker.

Renewal

(2) The Minister must, on application, renew an Advanced Training for Liquefied Gas Tanker Cargo Operations certificate of proficiency if, within the five years before the date of application, the person

- (a) obtained a training certificate for completing an advanced training for liquefied gas tanker cargo operations course or refresher course, or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent;
- (b) participated as an instructor in a course referred to in paragraph (a), or
- (c) has acquired at least three months of sea service, as officer in charge of the deck watch or engine room watch, on board a liquefied gas tanker, performing duties relating to the loading, discharging or transferring of cargo and the operation of cargo equipment.

Note to reader:

These regulations introduce Mandatory Basic and Advanced Training for personnel onboard ships using gases or low flashpoint fuels. Aligns with STCW requirement.

Basic Training for Service on Vessels Subject to the IGF Code

165 (1) The Minister must, on application, issue a Basic Training for Service on Vessels Subject to the IGF Code certificate of proficiency to a person if, within the five years before the application date, the person obtained

- (a) a basic training for ships subject to the IGF Code training certificate;

FOR DISCUSSION ONLY

- (b) a Basic Training for Liquefied Gas Tanker Cargo Operations certificate of proficiency; or
- (c) an Advanced Training for Liquefied Gas Tanker Cargo Operations certificate of proficiency.

Renewal

(2) The Minister must, on application, renew a Basic Training for Service on Vessels Subject to the IGF Code certificate of proficiency if, within the 5 years before the application date, the person

(a) obtained a training certificate for completing

(i) a course or refresher course with respect to basic training for ships subject to the IGF Code,

(ii) a course or refresher course with respect to basic training for liquefied gas tanker cargo operations, or

(iii) a course or refresher course with respect to advanced training for liquefied gas tanker cargo operations;

(b) participated as an instructor in a course referred to in paragraph (a); or

(c) has acquired at least three months of sea service on board a ship subject to the IGF Code or other vessel using gas or other low flashpoint fuels, except vessels propelled by conventional gasoline engines, while performing designated safety duties associated with the care and use of fuel and emergency response to fuel.

Advanced Training for Service on Vessels Subject to the IGF Code

166 (1) The Minister must, on application, issue an Advanced Training for Service on Vessels Subject to the IGF Code certificate of proficiency to a person who

(a) holds a Basic Training for Service on Vessels Subject to the IGF Code certificate of proficiency; and

(b) satisfies either of the following:

(i) the person

(A) obtained, within the five years before the application date, an advanced training for ships subject to the IGF Code training certificate, and

(B) after obtaining the certificate referred to in paragraph (a), acquired at least one month of sea service during which the person participated in at least three bunkering operations on board a vessel subject to the IGF Code or other vessel using gas or other low flashpoint fuels, except vessels propelled by conventional gasoline engines, where up to two bunkering operations may be replaced by approved

FOR DISCUSSION ONLY

simulator training on bunkering operations as part of the training referred to in clause (A), or

(ii) within the five years before the application date and while holding an Advanced Training for Liquefied Gas Tanker Cargo Operations certificate of proficiency, the person has acquired

(A) at least one month of sea service during which the person participated in at least three bunkering operations on board a vessel subject to the IGF Code or other vessel using gas or other low flashpoint fuels, except vessels propelled by conventional gasoline engines, or

(B) at least three months of sea service on board a vessel subject to the IGF Code or other vessel using gas or other low flashpoint fuels, except vessels propelled by conventional gasoline engines, a tanker carrying cargo fuels addressed by the IGF Code, or a ship using gases or low flashpoint fuel.

Renewal

(2) The Minister must, on application renew an Advanced Training for Service on Vessels Subject to the IGF Code certificate of proficiency to a person if, within the five years before the application date, the person

(a) obtained a training certificate for completing an advanced training for ships subject to the IGF Code course or refresher course;

(b) participated as an instructor in a course referred to in paragraph (a); or

(c) acquired at least three months of sea service on board a vessel subject to the IGF Code or other low flashpoint fuels, except vessels propelled by conventional gasoline engines, while having immediate responsibility for the care and use of fuels and fuel systems.

Supervisor of an Oil Transfer Operation

Note to reader

Renewal requirement for supervisor of transfer operations certificates are new.

167 (1) The Minister must, on application, issue a Supervisor of an Oil Transfer Operation certificate of proficiency to a person if the person

(a) holds an STCW basic safety training certificate;

(b) holds one of the following training certificates:

(i) supervision of an oil transfer operation, or

(ii) advanced training for oil tanker cargo operations; and

FOR DISCUSSION ONLY

(c) within the five years before the application date, has acquired at least three months of service performing duties relating to oil transfer operations on board an oil tanker or other vessel carrying oil as cargo.

Renewal

(2) The Minister must, on application, renew a Supervisor of an Oil Transfer Operation certificate of proficiency if, within the five years before the application date, the person

(a) obtained a training certificate evidencing completion of

(i) a course or refresher course with respect to supervision of an oil transfer operation, or

(ii) a course or refresher course with respect to advanced training for oil tanker cargo operations;

(b) participated as an instructor in a course referred to in paragraph (a);

(c) has acquired at least three months of sea service performing duties relating to oil transfer operations on oil tankers or other vessels carrying oil as cargo; or

(d) has acquired at least 24 months of service as a shore captain or marine superintendent in charge of supervising the loading, unloading or transferring of oil cargo.

Supervisor of an Oil Transfer Operation in Arctic Waters (North of 60° N)

168 (1) Subject to subsection (2), the Minister must, on application, issue a Supervisor of an Oil Transfer Operation in Arctic Waters (North of 60° N) certificate of proficiency to a person if the person has, within the five years before the application date, under the supervision of the holder of such a certificate,

(a) assisted in at least three oil transfer operations in waters north of 60° N, while holding a Supervisor of an Oil Transfer Operation certificate of proficiency;

(b) acquired two Arctic shipping seasons of service, during which the applicant has assisted in at least three oil transfer operations in waters north of 60° N; or

(c) assisted in at least 6 oil transfer operations in waters north of 60° N.

Additional Requirements

(2) If the person does not hold a Supervisor of an Oil Transfer Operation certificate of proficiency, the person must, in addition to meeting the requirements of paragraph (1)(b) or (c),

FOR DISCUSSION ONLY

- (a) hold an STCW basic safety training certificate;
- (b) hold one of the following training certificates:
 - (i) supervision of an oil transfer operation, or
 - (ii) advanced training for oil tanker cargo operations; and
- (c) have acquired at least three months of service performing duties relating to oil transfer operations on an oil tanker or other vessel carrying oil as cargo.

Renewal

- (3) The Minister must, on application, renew a Supervisor of an Oil Transfer Operation in Arctic Waters (North of 60° N) certificate of proficiency if, within the five years before the application date, the person
 - (a) obtained a training certificate evidencing completion of
 - (i) a course or refresher course with respect to supervision of an oil transfer operation, or
 - (ii) advanced training for oil tanker cargo operations;
 - (b) participated as an instructor in a course referred to in paragraph (a);
 - (c) has assisted at least three oil transfer operations in waters north of 60° N; or
 - (d) has acquired at least 24 months as a shore captain or marine superintendent in charge of supervising the loading, unloading or transferring of oil cargo, in waters north of 60° N.

Supervisor of a Chemical Transfer Operation

169 (1) The Minister must, on application, issue a Supervisor of a Chemical Transfer Operation certificate of proficiency to a person if the person

- (a) holds an STCW basic safety training certificate;
- (b) holds one of the following training certificates:
 - (i) supervision of a chemical transfer operation, or
 - (ii) advanced training for chemical tanker cargo operations; and
- (c) has acquired, within the five years before the application date, at least three months of service on board a chemical tanker or other vessel carrying chemicals as cargo performing duties relating to chemical transfer operations.

FOR DISCUSSION ONLY

Renewal

- (2) The Minister must, on application, renew a Chemical Transfer Operation certificate of proficiency if, within the five years before the application date, the person
- (a) obtained one of the following training certificates evidencing completion of
 - (i) a course or refresher course with respect to supervision of a chemical transfer operation, or
 - (ii) a course or refresher course with respect to advanced training for chemical tanker cargo operations;
 - (b) participated as an instructor in a course referred to in paragraph (a);
 - (c) has assisted in at least three chemical transfer operations on board a chemical tanker or other vessel carrying chemicals as cargo; or
 - (d) has acquired at least 24 months as a shore captain or marine superintendent in charge of supervising the loading, unloading or transferring of chemical cargo.

Supervisor of a Liquefied Gas Transfer Operation

170 (1) The Minister must, on application, issue a Supervisor of a Liquefied Gas Transfer Operation certificate of proficiency if the person

- (a) holds an STCW basic safety training certificate;
- (b) holds one of the following training certificates evidencing completion of
 - (i) a course or refresher course with respect to supervision of a liquefied gas transfer operation, or
 - (ii) a course or refresher course with respect to advanced training for liquefied gas tanker cargo operations; and
- (c) acquired, within the five years before the application date, at least three months of sea service on board a liquefied gas tanker or other vessel carrying liquefied gas as cargo performing duties relating to liquefied gas transfer operations;

Renewal

- (2) The Minister must, on application, renew a Supervisor of a Liquefied Gas Transfer Operation certificate of proficiency to a person if, within the five years before the application date, the person
- (a) obtained a training certificate evidencing completion of

FOR DISCUSSION ONLY

- (i) a course or refresher course with respect to supervision of a liquefied gas transfer operation, or
- (ii) a course or refresher course with respect to advanced training for liquefied gas tanker cargo operations;
- (b) has participated as an instructor in a course referred to in paragraph (a);
- (c) has assisted in at least three liquefied gas transfer operations on board a liquefied gas tanker or other vessel carrying liquefied gas as cargo; or
- (d) has acquired at least 24 months of service as shore captain or marine superintendent in charge of supervising the loading, unloading or transferring of liquefied gas cargo.

Certificates of Proficiency for High Speed Craft and Air Cushion Vehicles

High-Speed Craft Type Rating

171 (1) The Minister must, on application, issue a High-Speed Craft Type Rating certificate of proficiency to a person if the person

(a) holds one of the following types of certificates of competency valid for the craft and the route in respect of which the application is made:

- (i) a master certificate,
- (ii) a deck officer certificate, or
- (iii) an engineer officer certificate; and

(b) demonstrates to the Minister that they have the competencies set out in section 18.3.3. of the HSC Code as demonstrated in the manner set out in TP 2293.

Renewal

(2) The Minister must, on application, renew a High-Speed Craft Type Rating certificate of proficiency if the person

(a) has acquired, as master, deck officer or engineer on board the high-speed craft or on board a sister vessel that travels on the same type of route as the route in respect of which the renewal is sought, at least,

- (i) six months of sea service within the 24 months before the application date, or
- (ii) two months of sea service within the 12 months before the application date; or

FOR DISCUSSION ONLY

(b) demonstrates to the Minister that they have the competencies set out in section 18.3.3 of the HSC Code in the manner set out in TP 2293.

Air Cushion Vehicle Type Rating — Deck

172 (1) The Minister must, on application, issue an Air Cushion Vehicle Type Rating — Deck certificate of proficiency to a person if the person

(a) holds one of the following types of certificates of competency valid for the ACV and the route in respect of which the application is made:

(i) a master certificate, or

(ii) a deck officer certificate;

(b) demonstrates to the Minister that they have the competencies set out in section 18.3.3 of the HSC Code in the manner set out in TP 2293;

(c) where the certificate sought will be valid on board an ACV only between sunrise and sunset, in good visibility and in non-icing conditions, the person has acquired the following hours of training in control of an ACV of the same type design as the ACV in respect of which the certificate is sought,

(i) at least 25 hours, if the application is in respect of an ACV of 10 000 kg or less all up weight, or

(ii) at least 100 hours, if the application is in respect of an ACV of more than 10 000 kg all up weight;

(d) where the certificate sought will be valid for use on board an ACV between sunset and sunrise and in limited visibility, the training required by paragraph (c) and at least 50 hours of radar pilotage; and

(e) where the certificate sought will be valid for use on board an ACV in icing conditions, the training required by paragraph (c) and at least 25 hours of training in control of an ACV of the same type design during icing conditions.

Renewal

(2) The Minister must, on application, renew an Air Cushion Vehicle Type Rating — Deck certificate of proficiency if the person

(a) has acquired, as master or deck officer on the air cushion vehicle to which the certificate relates or on a sister vessel travelling the same type of route as the route in respect of which the renewal is sought, at least,

(i) 25 hours of sea service in the 12 months before the application date, or

FOR DISCUSSION ONLY

- (ii) 100 hours of sea service within the 24 months before the application date; or
- (b) demonstrates to the Minister that they have the competencies set out in section 18.3.3 of the HSC Code in the manner set out in TP 2293.

Air Cushion Vehicle Engineer, Type Rating Class I

Note to reader

ACV engineer certificates class I and II are replaced with ACV Engineer Type Rating certificates of proficiency Class I and II.

Reference to HSC Code is new.

173 The Minister must, on application, issue an Air Cushion Vehicle Engineer, Type Rating Class I certificate of proficiency to a person if the person

- (a) holds one of the following documents:
 - (i) an engineer officer certificate of competency, except the Small Vessel Machinery Operator certificate,
 - (ii) an Aircraft Maintenance Engineer Licence issued under the *Aeronautics Act*, or
 - (iii) an Air Cushion Vehicle (ACV) Engineer, Class II certificate of competency;
- (b) holds a domestic vessel safety training certificate;
- (c) holds a first aid training certificate, or a certificate issued by or under the authority of an organization approved by a province for the teaching of first aid and that evidences successful completion of a two-day first aid course;
- (d) holds a certificate evidencing completion of a course for engineers on the maintenance of an air cushion vehicle of an all up weight of at least 10 000 kg provided by:
 - (i) the manufacturer of the ACV,
 - (ii) an agent of the authorized representative of the ACV, if the agent has been trained by the manufacturer, or
 - (iii) a recognized institution;
- (e) demonstrates to the Minister that they have the competencies set out in section 18.3.3 of the HSC Code in the manner set out in TP 2293; and
- (f) has acquired the following sea service on board an air cushion vehicle of an all up weight of at least 10 000 kg:

FOR DISCUSSION ONLY

- (i) after obtaining an Air Cushion Vehicle (ACV) Engineer, Class II certificate of competency, at least 12 months, carrying out duties related to the maintenance and verification of the vessel,
- (ii) after obtaining a document referred to in subparagraph (a)(i) or (ii),
- (A) at least 12 months, carrying out functions related to the maintenance and verification of the vessel,
or
- (B) the duration of a full manufacturer recommended maintenance and verification cycle, carrying out functions related to the maintenance and verification of the vessel.

Air Cushion Vehicle Engineer, Type Rating Class II

174 The Minister must, on application, issue an Air Cushion Vehicle Engineer, Type Rating Class II certificate of proficiency to a person, if

- (a) the person holds one of the following documents:
 - (i) an engineer officer certificate of competency, with the exception of the Small Vessel Machinery Operator certificate of competency,
 - (ii) an Aircraft Maintenance Engineer Licence issued under the *Aeronautics Act*,
 - (iii) a general engineer certificate recognized by a province, or
 - (iv) a diesel engineer certificate recognized by a province;
- (b) the person holds
 - (i) a first aid training certificate, or a certificate issued by or under the authority of an organization approved by a province for the teaching of first aid and that evidences successful completion of a two-day first aid course;
 - (ii) a domestic vessel safety training certificate.
- (c) the person holds a certificate evidencing completion of a course for engineers on the maintenance of an air cushion vehicle of an all up weight of at least 1 000 kg provided by
 - (i) the manufacturer of the ACV,
 - (ii) an agent of the authorized representative of the ACV, if the agent has been trained by the manufacturer, or
 - (iii) a recognized institution;
- (d) the person demonstrates to the Minister that they have the competencies set out in section 18.3.3

FOR DISCUSSION ONLY

of the HSC Code in the manner set out in TP 2293.

Renewal

175 The Minister must, on application, renew an Air Cushion Vehicle Engineer, Type Rating Class I certificate of proficiency or an Air Cushion Vehicle Engineer, Type Rating Class 2 certificate of proficiency if the person

- (a) holds one of the documents required in section 180(a);
- (b) has acquired the following sea service:
 - (i) at least 12 months, within the 5 years before the application date, carrying out functions related to the maintenance and verification of an air cushion vehicle of an all up weight of at least 10 000 kg, if renewing a Class I certificate, or of at least 1 000 kg if renewing a Class II certificate,
 - (ii) at least 12 months, within the 5 years before the application date, carrying out functions related to the maintenance and verification of an air cushion vehicle of an all up weight of at least 10 000 kg, if renewing a Class I certificate, or of at least 1 000 kg if renewing a Class II certificate,
- (c) acquired at least three months of qualifying service, in the 12 months before the application date for renewal of the certificate, carrying out functions related to the maintenance and verification of an air cushion vehicle of an all up weight of at least 10 000 kg if renewing a Class I certificate or of at least 1 000 kg if renewing a Class II certificate; or
- (d) demonstrates to the Minister that they have the competencies set out in section 18.3.3 of the HSC Code for the certificate in respect of which the application is made, in the manner set out in TP 2293;

Certificates of Proficiency for Sailing Vessels

Fore and Aft Sailing Vessel, Unlimited

176 The Minister must, on application, issue a Fore and Aft Sailing Vessel, Unlimited, certificate of proficiency to a person if,

- (a) the person holds a master or deck officer certificate of competency;
- (b) the person holds a sailing training certificate applicable to the type of rig; and
- (c) the person has acquired the following sea service on a fore and aft rig sailing vessel:
 - (i) at least 12 months, including at least six months on a vessel that was engaged on a voyage other than a sheltered waters voyage, or

FOR DISCUSSION ONLY

(ii) at least six months from an approved program of on-board training, including at least three months while the vessel was engaged on a voyage other than a sheltered waters voyage.

Fore and Aft Sailing Vessel, Seasonal, (April 15 to November 1)

177 The Minister must, on application, issue a Fore and Aft Sailing Vessel, Seasonal, (April 15 to November 1) certificate of proficiency to a person if the person

- (a) holds a master or deck officer certificate of competency;
- (b) holds a sailing training certificate applicable to the type of rig; and
- (c) has acquired at least one month of sea service, performing deck duties on a fore and aft sailing vessel.

Square Rig Sailing Vessel, Unlimited

178 The Minister must, on application, issue a Square Rig Sailing Vessel, Unlimited certificate of proficiency to a person if the person

- (a) holds a master or deck officer certificate of competency;
- (b) holds a sailing training certificate applicable to the type of rig; and
- (c) has acquired the following sea service on a square rig sailing vessel:
 - (i) at least 18 months, including at least 9 months on a vessel that was engaged on a voyage other than a sheltered waters voyage, or
 - (ii) at least 9 months from an approved program of on-board training, including at least three months while the vessel was engaged on a voyage other than a sheltered waters voyage.

Square Rig Sailing Vessel, Seasonal, (April 15 to November 1)

179 The Minister must, on application, issue a Square Rig Sailing Vessel, Seasonal, (April 15 to November 1) certificate of proficiency to a person if the person

- (a) holds a master or deck officer certificate of competency;
- (b) holds a sailing training certificate applicable to the type of rig; and
- (c) has acquired at least 2 months of sea service, performing deck duties on a square rig sailing vessel.

FOR DISCUSSION ONLY

Certificates of Proficiency for Polar Waters

Note to reader:

These proposed regulations introduce Mandatory Basic and Advanced Training for personnel onboard ships operating in polar waters. This requirement has already been communicated to industry by TC Ship Safety Bulletin 01/2018 - How to Meet STCW Requirements for Masters, Deck Officers and Other Crew Members of Certain Canadian Ships Operating in Polar Waters

Basic Training for Service on Vessels Operating in Polar Waters

180 (1) The Minister must, on application, issue a Basic Training for Service on Vessels Operating in Polar Waters certificate of proficiency to a person if the person demonstrates to the Minister that they have the competencies set out in column 1 of Table A-V/4-1 of the STCW Code, in the manner set out in TP 2293.

Renewal

(2) The Minister must, on application, renew a Basic Training for Service on Vessels Operating in Polar Waters certificate of proficiency if the person

- (a) has obtained a training certificate for completing a basic training for service on vessels operating in polar waters course or refresher course;
- (b) has participated as an instructor in a course referred to in paragraph (a);
- (c) has acquired at least 2 months of sea service while serving as a deck officer at the operational level, on board a vessel operating in polar waters or waters with acceptable ice conditions; or
- (d) has passed an exam on general knowledge of vessels operating in polar waters.

Advanced Training for Service on Vessels Operating in Polar Waters

181 (1) The Minister must, on application, issue an Advanced Training for Service on Vessels Operating in Polar Waters certificate of proficiency to a person if the person

- (a) holds a Basic Training for Service on Vessels Operating in Polar Waters certificate of proficiency;
- (b) demonstrates to the Minister that they have the competencies set out in column 1 of Table A-V/4-2 of the STCW Code, in the manner set out in TP 2293; and
- (c) after obtaining the certificate referred to in paragraph (a), has acquired at least 2 months of sea service while serving as a deck officer or an ice navigator on board a vessel operating in polar waters or

FOR DISCUSSION ONLY

waters with acceptable ice conditions.

Renewal

(2) The Minister must, on application, renew an Advanced Training for Service on Vessels Operating in Polar Waters certificate of proficiency if the person

(a) has obtained a training certificate for completing an advanced training for service on vessels operating in polar waters course or refresher course;

(b) has participated as an instructor in a course referred to in paragraph (a);

(c) has acquired at least 2 months of sea service while serving as a deck officer at the operational level or as an ice navigator, on board a vessel operating in polar waters or waters with acceptable ice conditions; or

(d) has passed an exam on general knowledge of vessels operating in polar waters.

Certificates of Proficiency for Security

Note to reader:

Provisions for the issuance of the following 3 STCW certificates of proficiency related to security will be transferred from the *Marine Transportation Security Regulations* to the MPR

Ship Security Officer

182 (1) The Minister must, on application, issue a Ship Security Officer certificate of proficiency to a person if the person

(a) holds a certificate issued under the Act attesting to their medical fitness to perform the duties to which the certificate of proficiency relates;

(b) obtained a ship security officer training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent; and

(c) has acquired at least 12 months of sea service.

Ship Personnel With Designated Security Duties

183 The Minister must, on application, issue a Ship Personnel With Designated Security Duties certificate of proficiency to a person if the person

FOR DISCUSSION ONLY

- (a) is at least 16 years of age on the day on which the certificate is issued; and
- (b) holds a certificate issued under the Act attesting to their medical fitness to perform the duties to which the certificate of proficiency relates; and
- (c) obtained a ship personnel with designated security duties training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent.

Member of the Ship Personnel Without Security Responsibilities

184 The Minister must, on application, issue a Ship Personnel Without Designated Security Duties certificate of proficiency to a person if the person

- (a) is at least 16 years of age on the day on which the certificate is issued;
- (b) holds a certificate issued under the Act attesting to their medical fitness to perform the duties to which the certificate of proficiency relates; and
- (c) obtained a ship personnel without designated security duties training certificate or a certificate establishing that they completed a course outside Canada that the Minister determines is equivalent.

Passenger Submersible Craft

Certificates of Proficiency for Passenger Submersible Craft

185 (1) The Minister must, on application, issue a Passenger Submersible Craft certificate of proficiency to a person if the person

- (a) holds one of the following types of certificates of competency valid for the craft and the route in respect of which the application is made:
 - (i) a master certificate,
 - (ii) a deck officer certificate, or
 - (iii) an engineer officer certificate;
- (b) holds a commercial diver certificate recognized by a province;
- (c) holds a marine basic first aid training certificate, or a certificate issued by or under the authority of an organization approved by a province for the teaching of first aid and that evidences successful completion of a two-day first aid course; and
- (d) holds a certificate establishing that they have taken a course on operations and safety measures