

SCHEDULE I
Regulation 2.4(a)

SERVING CAPACITY AND STCW ANNEX

CAPACITY**REGULATION****Deck**

Master of ships	>3000 gross tons - unlimited	II/2.1
Master	>500<3000 gross tons - unlimited	II/2.3
Master	<500 gross tons - "unlimited"	II/3.2
Master	<500 gross tons - "near coastal"	II/3.5

Chief Mate of ships	>3000 gross tons - unlimited	II/2.1
Chief Mate	500 - 3000 gross tons - unlimited	II/2.3

Officer of the Watch	>500 gross tons - unlimited	II/1
Officer of the Watch	<500 gross tons "unlimited"	II/3.1
Officer of the Watch	<500 gross tons on "near-coastal"	II/3.3

Ratings forming part of a navigational watch	II/4
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Engine

Chief Engineer	>3000 kW	III/2.
Chief Engineer	>750 kW <3000 kW	III/3.

Second Engineer	>3000 kW	III/2
Second Engineer	>750 kW <3000 kW	III/3

Engineer Officer of the Watch	>750 kW	III/1
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Ratings forming part of an engineering watch	III/4
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Radio

Radio communication personnel	IV/1
GMDSS	IV/2

Special vessels

Tanker familiarization	V/1
Advanced tanker safety	V/1
Ro-ro passenger ships	V/2

Fire-fighting

Advanced fire-fighting	VI/3
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Medical

Medical first-aid	VI/4
Medical care	VI/4

Survival

Proficiency in survival craft and rescue boats other than fast rescue boats	VI/2
Proficiency in fast rescue boats	VI/2

Basic Safety Training - all new entrants

Familiarization and basic safety training	VI/1
Personal survival techniques	VI/1
Elementary first-aid	VI/1
Personal safety and social responsibilities	VI/1

SCHEDULE II
Regulation 2.1(c)

CERTIFICATES ISSUED IN FEDERATED STATES OF MICRONESIA

The Division of Marine Transportation recognizes and endorses the following classes of certificates:

Deck

Unlimited

Class 1 Master	> 3,000 gross tons
Class 1 Mate	> 3,000 gross tons
Class 2 Master	>500 <3,000 gross tons
Class 2 Mate	>500 <3,000 gross tons
Officer in Charge of a Navigating Watch	>3,000 gross tons
Class 3 Master	>500 <3,000 gross tons
Deck Rating	>500 gross tons

Near-coastal

Master	Class 2	<3,000 gross tons
Mate	Class 2	>500 < 3,000 gross tons
Master	Class 3	>500 < 3,000 gross tons
Master	Class 4	< 500 gross tons
Master	Class 5	< 200 gross tons
Master/Engineer	Class 6	< 15 meters
Watchkeeping Rating - Deck		

Engine

Class 1 Chief Engineer	> 3000kW (4,000 HP)	
Class 1 Second Engineer	> 3000kW	
Class 2 Chief Engineer	>750 < 3000 kW	
Class 2 Second Engineer	>750 < 3000 kW	
Officer in Charge of an engineering watch	> 750 kW (1,000 HP)	
Engineer	Class 3	< 750 kW
Engineer	Class 4	< 500 kW (650 HP)
Engineer	Class 5	< 250 kW (333 HP)
Watchkeeping Rating - Engine		

*STCW Certificates are shown as Class X Capacity

*Non-STCW Certificates are shown as Capacity Class X

Specialist Qualifications

Personal Survival Techniques

Certificate of Proficiency in Survival Craft and Rescue Boats other than fast rescue boats
 Certificate of Proficiency in Fire-fighting
 Tanker Familiarization

Basic Safety Training - all new entrants

Personal survival techniques
 Elementary first-aid
 Personal survival techniques
 Personal safety and social responsibilities

The **College of Micronesia - FSM** provides course of study towards the following certificates and issues a Certificate of Satisfactory Completion:

Deck

Master	Class 4	< 500 gross tons
Master	Class 5	< 200 gross tons
Master/Engineer	Class 6	< 15 metres
Watchkeeping Rating	Class 1	Deck
Watchkeeping Rating	Class 2	Deck

Engine

Engineer	Class 4	< 500 kW (650 HP)
Engineer	Class 5	< 250 kW (333 HP)
Watchkeeping Rating	Class 1	Engine
Watchkeeping Rating	Class 2	Engine

Specialized Safety Training

Certificate of Proficiency in Survival Craft and Rescue Boats other than fast rescue boats
 Certificate of Proficiency in Fire-fighting
 Tanker Familiarization

Basic Safety Training - all new entrants

Personal survival techniques
 Fire prevention and fire-fighting
 Elementary first-aid
 Personal safety and social responsibilities

The **Division of Communications, Department of Transportation, Communications and Infrastructure** issues the following certificates:

General Operator's Certificate (GMDSS)
 Restricted Operator's Certificate

State Hospitals issue the following certificate:

First Aid at Sea Certificate.

SCHEDULE III

LIST OF EQUIVALENT CERTIFICATES**STCW Certificates -- Unlimited voyages**

STCW Certificate	SPMC Equivalents
Class 1 Master	Master- Grade 1
Class 1 Mate	Mate- Grade 1
Class 2 Master	Master- Grade 2
Class 2 Mate	Mate- Grade 2
OIC Navigational Watch >3000 gt OIC Navigational Watch 500-3000gt	Master- Grade 3 and Mate- Grade 3, plus appropriate bridging courses
Rating Navigational Watchkeeper	Deck Rating- Grade 1
Class 1 Chief Engineer	Chief Engineer- Grade 1
Class 1 Second Engineer	Second Engineer- Grade 1
Class 2 Chief Engineer	Chief Engineer- Grade 2
Class 2 Second Engineer	Second Engineer- Grade 2
Watchkeeping Engineer	Engineer- Grade 3, plus appropriate bridging courses
Watchkeeping Rating (Engine)	Engineroom Rating- Grade 1
Basic Safety Training	No equivalent

STCW Certificates -- Near-coastal voyages**Deck**

Limits	STCW Certificate	FSM Certificates
< 3,000 gt	Class 2 Master	Master- Grade 2
>500 < 3,000 gt	Class 2 Mate	Mate- Grade 2
>500 < 3,000 gt	Class 3 Master	Master Grade 3
< 500 gt	Class 4 Master	Master Grade 4
< 200 gt	Master Class 5	Master Grade 5
< 15 meters	Master/Engineer Class 6	No Equivalent
< 3,000 gt	Deck Watchkeeping, Rating	No Equivalent
	VI/1 Basic Safety Training*	No Equivalent

Engine

Limits	STCW Certificate	FSM Certificates
> 3,000 kW	Class 1 Chief Engineer	Chief Engineer- Grade 1
> 3,000 kW	Class 1 Second Engineer (Chief Engineer > 3000 kW)	Second Engineer- Grade 2
< 3,000 kW	Class 2 Chief Engineer (Chief Engineer < 3000kW)	Chief Engineer- Grade 2
< 3,000 kW	Class 2 Second Engineer	Second Engineer- Grade 2
< 3,000 kW	Engine Watchkeeping, Rating	No Equivalent
	Basic Safety Training*	No Equivalent

* All new entrants, including cooks and stewards.

Non-STCW Certificates -- Near-coastal voyages

Deck

Limits	Non-STCW Certificate	FSM Certificates
< 1600 gt	No equivalent	Master- Grade 3

<1600 gt	No equivalent	Mate- Grade 3
< 1000 gt	No equivalent	Master- Grade 4
< 1000 gt	No equivalent	Mate- Grade 4
< 200 gt	No equivalent	Master- Grade 5
< 200 gt	No equivalent	Mate- Grade 5
< 15 metres	No equivalent	No certificate

Engine

Limits	Non-STCW Certificate	FSM Certificates
< 3000 kW	No equivalent	Second Engineer- Grade 2
< 750 kW	No equivalent	Engineer- Grade 3
< 500 kW	No equivalent	Engineer- Grade 4
< 250 kW	No equivalent	Engineer- Grade 5

SCHEDULE IV

Regulation 2.3(c)

TYPES OF CERTIFICATES AND THE QUALIFYING REQUIREMENTS FOR THEIR ISSUANCE

1. General

Candidates for certification shall provide satisfactory proof:

- (a) of their identity and citizenship;
- (b) that their age is not less than that prescribed in this Schedule relevant to the certificate applied for;
- (c) that they meet the standards of medical fitness, particularly regarding eyesight and hearing, established by the Secretary, and they hold a valid document attesting to their medical fitness, issued by a duly qualified medical practitioner recognized by the Administration;
- (d) of having completed the seagoing service and any related compulsory training required by these Regulations for the certificate applied for; and
- (e) that they meet the standards of competence prescribed by these Regulations for the capacities, functions and levels that are to be identified in the endorsement to the certificate.

2. Minimum Requirements for Issuance of Certificates of Competency.

DECK CERTIFICATES

CLASS 1 MASTER

Minimum Age: Not prescribed.

Prerequisite Certificate: Class 1 Mate, Class 2 Master or Class 2 Mate.

Required Sea Service:

Must have completed at least 36 months qualifying service in charge of a navigation watch on ships 500 gross tonnage or over while holding a certificate as Class 1 Mate, Class 2 Master, Class 2 Mate, Officer in charge of a navigational watch, Class 3 Master, or Class 3 Mate with the following conditions:

- (a) at least 24 months must have been served on trading ships of 3000 gross tonnage or over,
- (b) at least 12 months must have been served while holding a certificate as Class 1 Mate, Class 2 Master, or Class 2 Mate.

Course of Study

Must have satisfactorily completed an appropriate course of study that:

- (a) at least meets the standards specified in Table A-II/2 of the STCW Code and includes management training and knowledge of the International Safety Management Code; and

- (b) includes practical training in:
 - (i) ARPA, radar and electronic navigation;
 - (ii) medical training that meets the standards of competence specified in Section A-VI/4, paragraphs 4-6 of the STCW Code;
 - (iii) advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Holding the following certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;
- (b) valid GMDSS General Operator's Certificate;
- (c) valid certificate of medical fitness for service in the deck department.

Examination

Must have passed an oral examination in appropriate operational knowledge conducted by an examiner.

CLASS 1 MATE

Minimum Age: Not prescribed.

Prerequisite Certificate: Class 2 Master, Class 2 Mate, Officer in charge of a navigational watch, Class 3 Master, or Class 3 Mate.

Required Sea Service:

Must have completed at least 18 months qualifying service in charge of a navigation watch on ships 500 gross tonnage or over while holding a certificate referred to above. At least 12 months must have been served on trading ships of 3000 gross tonnage or over.

Course of Study

Must have satisfactorily completed an appropriate course of study that:

- (a) at least meets the standards specified in Table A-II/2 of the STCW Code and includes management training and knowledge of the International Safety Management Code; and
- (b) includes practical training in:
 - (i) ARPA, radar and electronic navigation;
 - (ii) medical training that meets the standards of competence specified in Section A-VI/4, paragraphs 4-6 of the STCW Code;
 - (iii) advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Hold the following Certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;
- (b) valid GMDSS General Operator's Certificate;
- (c) valid certificate of medical fitness for service in the deck department.

Examination

Must have passed an oral examination in appropriate operational knowledge conducted by an examiner.

CLASS 2 MASTER

Minimum Age: Not prescribed.

Prerequisite Certificate: Class 2 Mate, Officer in charge of a navigational watch, Class 3 Master, or Class 3 Mate.

Required Sea Service:

Must have completed at least 36 months qualifying service in charge of a navigation watch on ships 200 gross tonnage or over while holding a certificate as Class 2 Mate, Officer in charge of a navigational watch, Class 3 Master, Class 3 Mate, Class 4 Master or Class 4 Mate with the following conditions:

- (i) at least 24 months must have been served on trading ships of 500 gross tonnage or over,
- (ii) at least 12 months must have been served while holding a certificate as Class 1 Mate, Class 2 Mate, Officer in charge of a navigational watch, Class 3 Master, Class 3 Mate.

Course of Study

Must have satisfactorily completed an appropriate course of study that:

- (a) at least meets the standards specified in Table A-II/2 of the STCW Code and includes management training and knowledge of the International Safety Management Code; and
- (b) includes practical training in:
 - (i) ARPA, radar and electronic navigation;
 - (ii) medical training that meets the standards of competence specified in Section A-VI/4, paragraphs 4-6 of the STCW Code;
 - (iii) advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Hold the following Certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;

- (b) valid GMDSS General Operator's Certificate;
- (c) valid certificate of medical fitness for service in the deck department.

Examination

Must pass an oral examination in operational knowledge conducted by an examiner.

CLASS 2 MATE

Minimum Age: Not prescribed.

Prerequisite Certificate: Officer in charge of a deck watch, Class 3 Master, or Class 3 Mate.

Required Sea Service:

Must have completed at least 18 months qualifying service in charge of a navigation watch on ships 200 gross tonnage or over while holding a certificate referred to above. At least 12 months must have been served on trading ships of 500 gross tonnage or over.

Course of Study

Must have satisfactorily completed an appropriate course of study that:

- (a) at least meets the standards specified in Table A-II/2 of the STCW Code and includes management training and knowledge of the International Safety Management Code; and
- (b) includes practical training in:
 - (ii) ARPA, radar and electronic navigation;
 - (iii) medical training that meets the standards of competence specified in Section A-VI/4, paragraphs 4-6 of the STCW Code;
 - (iii) advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Hold the following Certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;
- (b) valid GMDSS General Operator's Certificate;
- (c) valid certificate of medical fitness for service in the deck department.

Examination

Must have passed a written and an oral examination conducted by an examiner.

OFFICER IN CHARGE OF A NAVIGATIONAL WATCH (>3000 GT)

Minimum Age: 18 years.

Prerequisite Certificate: None

Required Sea Service:

Must have:

- (a) completed an approved and monitored course for trainee Deck Officers of at least 24 months qualifying sea-service; or
- (b) completed 36 months qualifying service that shall be served on ships of 500 gross tonnage or over, with the following conditions:
 - (i) at least 12 months must have been served on trading ships of 3000 gross tonnage or over;
 - (ii) at least 6 months must have been served as understudy of the officer in charge of a navigational watch on a trading ship of 3000 gross tonnage or over.

Course of Study

Must have satisfactorily completed an appropriate course of study that:

- (a) at least meets the standards specified in Table A-II/1 of the STCW Code; and
- (b) includes practical training in:
 - (i) ARPA, radar and electronic navigation;
 - (ii) medical training that meets the standards of competence specified in Section A-VI/4, paragraphs 1-3 of the STCW Code;
 - (iii) advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Hold the following Certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;
- (b) valid GMDSS General Operator's Certificate;
- (c) valid certificate of medical fitness for service in the deck department.

Examination

Must have passed a written and an oral examination conducted by an examiner.

OFFICER IN CHARGE OF A NAVIGATIONAL WATCH (500 - 3000 GT)

Minimum Age: 18 years.

Prerequisite Certificate: None

Required Sea Service:

Must have:

- (a) completed an approved and monitored course for trainee Deck Officers of at least 24 months qualifying sea-service; or
- (b) completed 36 months qualifying service that shall be served on ships of 100 gross tonnage or over, with the following conditions:
 - (i) at least 12 months must have been served on trading ships of 200 gross tonnage or over;
 - (ii) at least 6 months must have been served as understudy of the officer in charge of a navigational watch on a ship of 200 gross tonnage or over.

Course of Study

Must have satisfactorily completed an appropriate course of study that:

- (a) at least meets the standards specified in Table A-II/1 of the STCW Code; and
- (b) includes practical training in:
 - (i) ARPA, radar and electronic navigation;
 - (ii) medical training that meets the standards of competence specified in Section A-VI/4, paragraphs 1-3 of the STCW Code;
 - (iii) advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Hold the following Certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;
- (b) valid GMDSS General Operator's Certificate;
- (c) valid certificate of medical fitness for service in the deck department.

Examination

Must have passed a written and an oral examination conducted by an examiner.

CLASS 3 MASTER

Minimum Age: Not prescribed.

Prerequisite Certificate:

Either:

- (a) Officer in charge of a navigational watch; or
- (b) Class 3 Mate.

Required Sea Service:

Either:

- (a) 36 months service as watchkeeping officer holding a Certificate of Competency not lower than Class 4 Mate; or
- (b) 12 months service as Chief Mate, plus 12 months service as watchkeeping officer not lower than Class 4 Mate.

In either case, not less than 6 months of the service shall be performed outside Near-coastal waters.

Remission of watchkeeping service may be allowed by the Authority for attendance at approved training courses

Examination

Must pass an oral examination in operational knowledge conducted by an examiner.

CLASS 3 MATE

Minimum Age: 18.

Prerequisite Certificate: Nil.

Required Sea Service:

36 months approved sea service in Deck Department, including at least 6 months bridge watchkeeping duties as lookout and helmsman under supervision of a qualified officer. Not less than 3 months of the service shall be performed outside Near-coastal waters. Remission of watchkeeping service may be allowed by the Authority for attendance at approved training courses.

Examination

Must have passed a written and an oral examination conducted by an examiner.

MASTER < 500 gt NEAR-COASTAL/CLASS 4 MASTER

Minimum Age: 20 years.

Prerequisite Certificate: Class 4 Mate

Required Sea Service:

(a) for Master < 500 gt Near-coastal

- (i) Must have completed 12 months approved seagoing service as Officer in charge of a navigational watch, and .
- (ii) Must have completed approved education and training and meet the standard of competence specified in Section A-II/3 of the STCW Code for masters on ships of less than 500 gross tonnage engaged on near-coastal voyages.

(b) for Master Class 4

Must have completed either

- (i) 36 months service as watchkeeping officer holding a Certificate of Competency not lower than Class 4 Mate; or
- (iv) 12 months service as Chief Mate, plus 12 months service as watchkeeping officer holding Certificate of Competency not lower than Class 4 Mate.

In either case, the service may be performed in or outside near-coastal waters.

Remission of watchkeeping service may be allowed by the Authority for attendance at approved training courses.

Examination

Must have passed an oral examination in appropriate operational knowledge conducted by an examiner.

MATE < 500 gt NEAR-COASTAL/CLASS 4 MATE

Minimum Age: 18 years.

Prerequisite Certificate: At least hold an appropriated certificate for performing VHF radio communication in accordance with the requirements of the Radio Regulations. If designated to have primary responsibility for radio communications during distress incidents, hold an appropriate certificate issued or recognized under the provisions of the Radio Regulations.

Required Sea Service:**(a) for Mate < 500 gt Near-coastal:**

- (i) Must have completed special training, including an adequate period of appropriate sea-going service as required by the Administration; or
- (v) Must have completed approved sea-going service in the deck department of not less than 3 years; or

- (iii) Must meet the applicable requirements of the Regulations in Chapter IV, as appropriate, for performing designated radio duties in accordance with the Radio Regulations; and
- (iv) Must have completed approved education and training and meet the standard of competence specified in Section A-II/3 of the STCW Code for officers in charge of a navigational watch on ships of less than 500 gross tonnage engaged on near-coastal voyages.

(b) for Mate Class 4

Must have completed 36 months service in the deck department, including 6 months bridge watchkeeping duties as lookout or helmsman under the supervision of a qualified officer. The service shall be performed either in or outside near-coastal waters.

Remission of deck department service may be allowed by the Authority for attendance at approved training courses.

Examination

Must have passed a written and an oral examination conducted by an examiner.

CLASS 5 MASTER

Minimum Age: 20 years.

Prerequisite Certificate: Class 5 Mate.

Required Sea Service:

Must have completed 12 months service as watchkeeping officer holding a Certificate of Competency not lower than Class 5 Mate. The service shall be performed either in or outside near-coastal waters.

Remission of deck department service may be allowed by the Authority for attendance at approved training courses.

Examination

Must have passed an oral examination in appropriate operational knowledge conducted by an examiner.

CLASS 5 MATE

Minimum Age: 18 years.

Prerequisite Certificate: Nil.

Required Sea Service:

Must have completed either

- (a) 36 months approved sea service in the deck department; or
- (b) 24 months approved training course including 12 months sea service.

All sea service may be performed either in or outside near-coastal waters.

Remission of deck department service may be allowed by the Authority for attendance at approved training courses.

Examination

Must have passed a written and an oral examination conducted by an examiner.

CLASS 6 MASTER/ENGINEER

Minimum Age: 18 years.

Prerequisite Certificate: Rating Class 1.

Required Sea Service: 18 months approved sea service.

This certificate shall only be recognized on vessels less than 15 metres in length

CLASS 1 WATCHKEEPING RATING (STCW)

Minimum Age: 16 years.

Prerequisite Certificate: Rating Class 2 Watchkeeping.

Required Sea Service:

Must have completed:

- (a) approved seagoing service including not less than 18 months training and experience, and
- (b) meet the standard of competence specified in section A-II/4 of the STCW Code.

Seagoing service, training and experience required by sub-paragraphs (a) and (b) shall be associated with navigational watchkeeping functions and involve the performance of duties carried out under the direct supervision of the master, the officer in charge of the navigational watch or a qualified rating.

Examination

Must have passed an oral examination in appropriate operational knowledge conducted by an examiner.

CLASS 2 WATCHKEEPING RATING (SPMC)

Minimum Age: 16 years.

Prerequisite Certificate: Nil.

Required Sea Service: Nil

Examination:

Satisfactorily completed an approved course of training conducted by the FSM Maritime College.

NEW ENTRANTS

Minimum Age: 16 years.

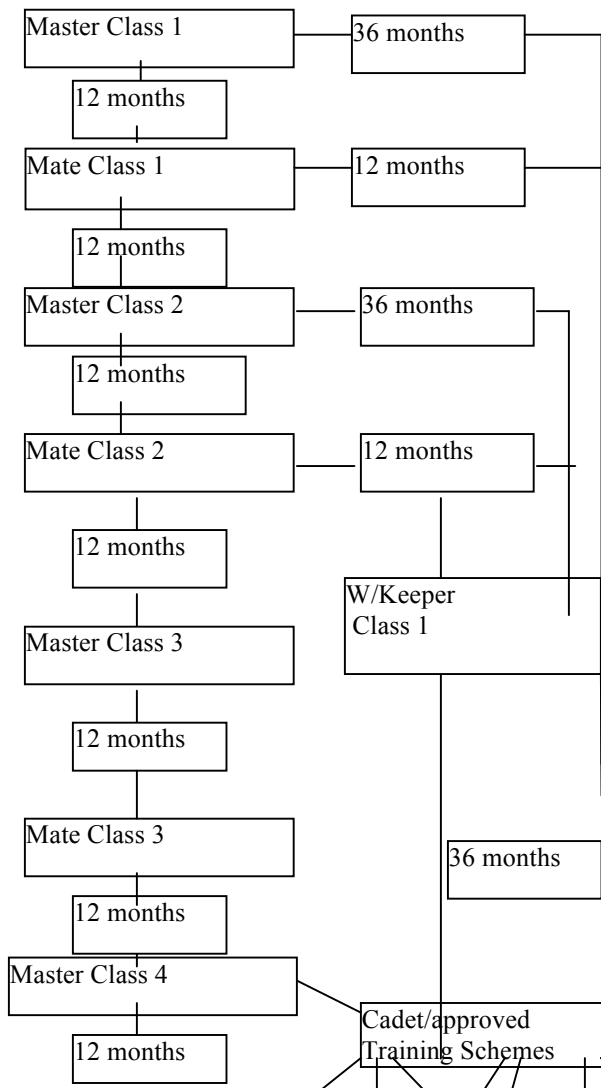
Prerequisite Certificate: Nil.

Required Sea Service: Nil

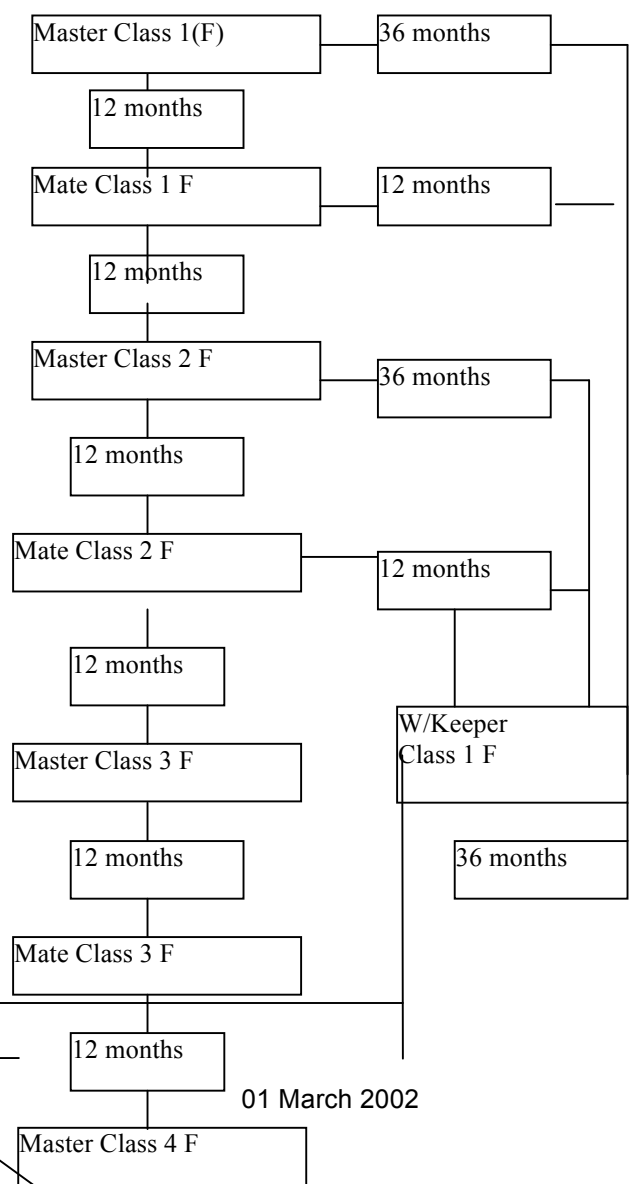
Examination:

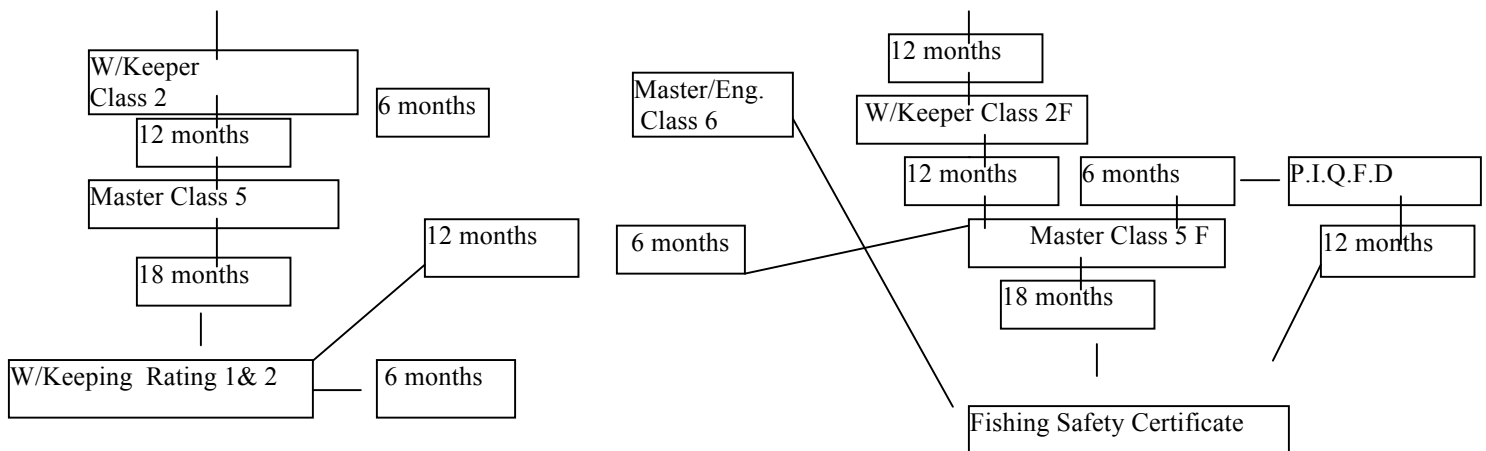
Satisfactorily completed a familiarization and basic safety training or instruction in accordance with Section A-VI/1 of the STCW Code and shall meet the appropriate standards of competence specified therein.

Merchant vessels



Fishing vessels





ENGINEERING CERTIFICATES

CLASS 1 CHIEF ENGINEER

Minimum Age: Not prescribed.

Prerequisite Certificate: Class 1 Second Engineer, which need not be current, and meet the requirements for certification as an Officer in Charge of an engineering watch.

Required Sea Service:

Must have completed at least 36 months approved seagoing service of which not less than 12 months shall have been served as an Engineer Officer in a position of responsibility while qualified to serve as Second Engineer Officer.

Course of Study

Must have satisfactorily completed an appropriate course of study that at least meets the standards specified in Table A-III/2 of the STCW Code and includes management training and knowledge of the International Safety Management Code, and includes practical training in advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Hold the following Certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;
- (b) valid certificate of medical fitness for service in the engine-room department.

Examination

Must have passed an oral examination in appropriate operational knowledge conducted by an examiner.

CLASS 1 SECOND ENGINEER

Minimum Age: Not prescribed.

Prerequisite Certificate: Class 2 Chief Engineer, which need not be current, and meet the requirements for certification as an Officer in Charge of an engineering watch.

Required Sea Service:

Must have completed at least 12 months' approved seagoing service as Assistant Engineer Officer or Engineer Officer.

Course of Study

Must have satisfactorily completed an appropriate course of study that at least meets the standards specified in Table A-III/2 of the STCW Code and includes management training and knowledge of the International Safety Management Code, and includes practical training in advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Hold the following Certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;
- (b) valid certificate of medical fitness for service in the engine-room department.

Examination

Must have passed an oral examination in appropriate operational knowledge conducted by an examiner.

CLASS 2 CHIEF ENGINEER

Minimum Age: Not prescribed.

Prerequisite Certificate: Class 2 Second Engineer, which need not be current, and meet the requirements for certification as an Officer in Charge of an engineering watch.

Required Sea Service:

Must have completed at least 24 months approved seagoing service of which not less than 12 months shall have been served while qualified to serve as Second Engineer Officer.

Course of Study

Must have satisfactorily completed an appropriate course of study that at least meets the standards specified in Table A-III/3 of the STCW Code and includes management training and knowledge of the International Safety Management Code, and includes

practical training in advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Hold the following Certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;
- (b) valid certificate of medical fitness for service in the engine-room department.

Examination

Must have passed an oral examination in appropriate operational knowledge conducted by an examiner.

CLASS 2 SECOND ENGINEER

Minimum Age: Not prescribed.

Prerequisite Certificate: Officer in Charge of an engineering watch.

Required Sea Service:

Must have completed at least 12 months' approved seagoing service as Assistant Engineer Officer or Engineer Officer.

Every Engineer Officer who is qualified to serve as Second Engineer Officer on ships powered by main propulsion machinery of 3000 kW propulsion power or more, may serve as Chief Engineer Officer on ships powered by main propulsion machinery of less than 3000 kW of main propulsion power, provided that not less than 12 months' approved seagoing service shall have been served as an Engineer Officer in a position of responsibility and the Certificate is so endorsed.

Course of Study

Must have satisfactorily completed an appropriate course of study that at least meets the standards specified in Table A-III/3 of the STCW Code and includes management training and knowledge of the International Safety Management Code, and includes practical training in advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Hold the following Certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;
- (b) valid certificate of medical fitness for service in the engine-room department.

Examination

Must have passed a written and an oral examination conducted by an examiner.

OFFICER IN CHARGE OF AN ENGINEERING WATCH

Minimum Age: 18 years.

Prerequisite Certificate: Not prescribed, but a Class 3 Engineer may cross-rate to Officer in Charge of an engineering watch.

Required Sea Service:

Must have:

- (a) have completed not less than six months seagoing service in the engine department in accordance with section A-III/1 of the STCW Code; and
- (b) completed approved education and training of at least 30 months, which includes on-board training documented in an approved training record book and meet the standards of competence specified in Section A-III/1 of the STCW Code.

Course of Study

Must have satisfactorily completed an appropriate course of study that:

- (a) at least meets the standards specified in Table A-III/1 of the STCW Code; and
- (b) includes practical training in:
 - (i) medical training that meets the standards of competence specified in Section A-VI/4, paragraphs 1-3 of the STCW Code;
 - (ii) advanced fire-fighting in accordance with the provisions of Section A-VI/3 of the STCW Code.

Hold the following Certificates:

- (a) certificate of proficiency in survival craft and rescue boats other than fast rescue boats;
- (b) valid certificate of medical fitness for service in the deck department.

Examination

Must have passed a written and an oral examination conducted by an examiner.

CLASS 3 ENGINEER

Minimum Age: 18.

Prerequisite Certificate: Class 4 Engineer

Required Sea Service:

Either:

- (a) not less than 12 months at sea as Engineer while holding a Certificate as

- Engineer Class 4; or
- (b) not less than 12 months at sea as Engineer on ships of not less than 500 kW propulsion power on completion of an engineering apprenticeship acceptable to the authority; or
- (c) not less than 3 years training programme approved by the authority, which must include not less than 12 months at sea as trainee engineer on ships of not less than 500 kW propulsion power.

Examination

Must have passed a written and an oral examination conducted by an examiner.

CLASS 4 ENGINEER

Minimum Age: 18.

Prerequisite Certificate: Class 5 Engineer

Required Sea Service:

Either:

- (a) not less than 12 months at sea as Engineer while holding a Certificate as Engineer Class 5; or
- (b) not less than 12 months at sea as Engineer on completion of 3 years workshop service acceptable to the authority; or
- (c) not less than 3 years training programme approved by the authority, which must include not less than 6 months at sea as trainee engineer.

Examination

Must have passed a written and an oral examination conducted by an examiner.

CLASS 5 ENGINEER

Minimum Age: 18.

Prerequisite Certificate: Class 1 Engineroom Rating.

Required Sea Service:

Must have served on a training programme approved by the authority, of not less than 3 years, which must

- (i) include not less than 1 year at sea in work associated with engine operation; and

- (ii) include and not less than 1 year in an engineering workshop.

Examination

Must have passed a written and an oral examination conducted by an examiner.

CLASS 1 ENGINEER ROOM RATING (STCW)

Minimum Age: 16 years.

Prerequisite Certificate: Class 2 Engineer room Rating.

Required Sea Service:

Must have completed:

- (a) approved seagoing service including not less than 6 months training and experience, or
- (b) special training, either pre-sea or on board ship, including an approved period of sea-going service which shall not be less than 2 months; and
- (c) meet the standard of competence specified in section A-III/4 of the STCW Code.

Seagoing service, training and experience required by sub-paragraphs (a) and (b) shall be associated with engine-room watchkeeping functions and involve the performance of duties carried out under the direct supervision of a qualified engineer officer or a qualified rating.

Examination

Must have passed an oral examination in appropriate operational knowledge conducted by an examiner.

CLASS 2 ENGINEER ROOM RATING (SPMC)

Minimum Age: 16 years.

Prerequisite Certificate: Nil.

Required Sea Service: Nil

Examination:

Satisfactorily completed an approved course of training conducted by the College of Micronesia - FSM.

NEW ENTRANTS

Minimum Age: 16 years.

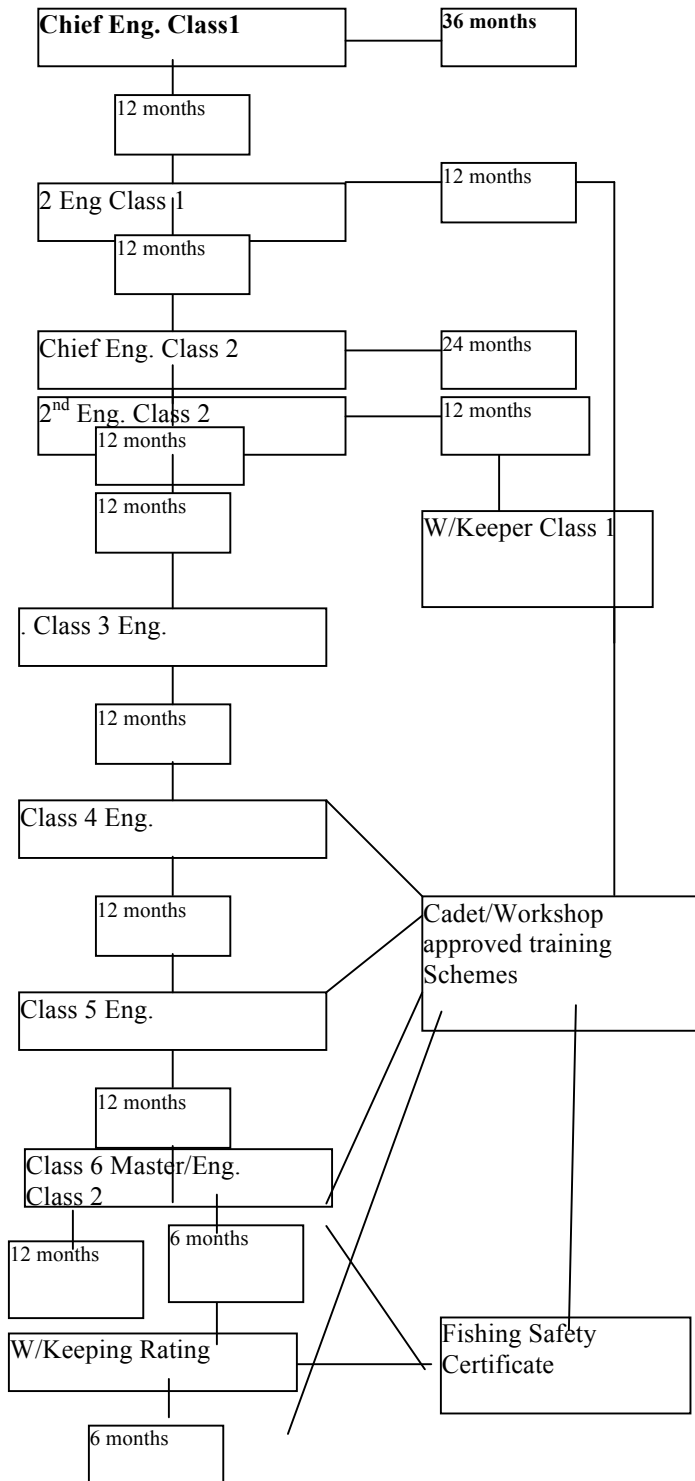
Prerequisite Certificate: Nil.

Required Sea Service: Nil

Examination:

Satisfactorily completed a familiarization and basic safety training or instruction in accordance with Section A-VI/1 of the STCW Code and shall meet the appropriate standards of competence specified therein.

Merchant vessels & Fishing vessels FLOW



SPECIAL TRAINING CERTIFICATES

RADIO COMMUNICATION PERSONNEL

Radio personnel on ships not required to comply with the provisions of the GMDSS in Chapter 14 of the SOLAS Convention shall nevertheless comply with the provisions of the Radio Regulations. Appropriate certificates prescribed by the Radio Regulations shall be issued or recognized in respect of such radio personnel.

GMDSS

Minimum Age: 18.

Prerequisite Certificate: None.

Required Sea Service: None.

Must have completed approved education and training and meet the standard of competence specified in Section A-IV/2 of the STCW Code.

TANKER FAMILIARIZATION

Minimum Age: Not prescribed

Prerequisite Certificate: None.

Required Sea Service: At least 3 months of approved seagoing service on tankers in order to acquire adequate knowledge of safe operational practices; or an approved tanker familiarization course covering at least the syllabus given for that course in Section A-V/1 of the STCW Code, so however that, the administration may accept a period of supervised seagoing service shorter than that prescribed above, provided:

- (a) the period so accepted is not less than 1 month;
- (b) the tanker is of less than 3000 gross tonnage;
- (c) the duration of each voyage on which the tanker is engaged during the period does not exceed 72 hours; and
- (d) the operational characteristics of the tanker and the number of voyages and loading and discharging operations completed during the period, allow the same level of knowledge and experience to be acquired.

ADVANCED TANKER SAFETY

Minimum Age: Not prescribed

Prerequisite Certificate Tanker familiarization.

Required Sea Service: Must have:

- (a) experience appropriate to their duties on the type of tanker on which they serve; and
- (b) completed an approved specialised training programme which at least covers the subjects set out in Section A-V/1 of the STCW Code that are appropriate to their duties on the oil tanker on which they serve.

RO-RO PASSENGER VESSELS

Masters, officers, ratings and other persons serving on board ro-ro passenger vessels shall provide evidence of having achieved the required standards of competence defined in Section A-V/2 of the Code.

ADVANCED FIRE FIGHTING

Minimum Age: Not prescribed

Prerequisite Certificate: None.

Required Sea Service: None

Every candidate for certification shall be required to provide evidence of having achieved the required standard of competence defined in section A-VI/3 of the Code

MEDICAL FIRST-AID

Minimum Age: Not prescribed

Prerequisite Certificate: None.

Required Sea Service: None

Every person designated to provide medical first aid on board a vessel shall provide evidence of having achieved the required standards of competence in medical first aid on board vessels specified in Section A-VI/4, paragraphs 1-3 of the STCW Code.

MEDICAL CARE

Minimum Age: Not prescribed.

Prerequisite Certificate: Medical First Aid.

Required Sea Service: None.

Seafarers designated to take charge of medical care on board ship shall meet the standard of competence in medical care on board ships specified in Section A-VI/4, paragraphs 4-6 of the STCW Code.

PROFICIENCY IN SURVIVAL CRAFT AND RESCUE BOATS

Minimum Age: 18.

Prerequisite Certificate: None.

Required Sea Service: Approved seagoing service of not less than 12 months or have attended an approved training course and have approved seagoing service of not less than six months; and shall be required to provide evidence of having achieved the required standard of competence defined in section A-VI/2, paragraphs 1-4 of the STCW Code.

BASIC SAFETY TRAINING

Seafarers shall receive familiarization and basic safety training or instruction in accordance with Section A-VI/1 of the STCW Code and shall meet the appropriate standard of competence specified therein.

STCW REGULATIONS

SCHEDULE V

Regulation 5.1(a)

CREWING REQUIREMENTS AND CLASSES OF CERTIFICATES

1. The number of persons holding the requisite certificates for service on vessels to which this Regulation applies shall be in accordance with the following Tables for each of the trade areas prescribed.
2. The Secretary may, upon application, grant an exemption to the requirements prescribed in Section (1), if he deems that to do so will be in the public interest and will not compromise the safety of the vessel, its crew, passengers or cargo.
3. An "unlimited voyage" means voyage beyond the 200 nautical mile Exclusive Economic Zone of Federated States of Micronesia and includes voyages, trades and operation of vessels within the groups of islands that comprise Federated States of Micronesia.
4. A "Near-coastal voyage" means voyage within the 200 nautical mile Exclusive Economic Zone of Federated States of Micronesia and includes voyages, trades and operation of vessels within the groups of islands that comprise Federated States of Micronesia.
5. Authorities may impose operating limits on some vessels within two hundred nautical miles off the coast

UNLIMITED VOYAGES

Minimum Grades of Competency

SHIPS-GROSS TONNAGE	MASTER	CHIEF MATE	W/KEEPER	ADDITIONAL W/KEEPER	W/KEEPER RATINGS
>3000 gt	Class 1 Master	Class 1 Mate	O.O.W. >3000gt or Class 2 Mate	O.O.W. >3000gt or Class 2 Mate	Class 1 x 3 Class 2 x 2
500 - 3000 gt	Class 2 Master	Class 2 Mate	O.O.W. <3000gt		Class 1 x 2 Class 2 x 2
< 500 gt	Class 2 Master	Class 2 Mate	O.O.W. <3000gt		Class 1 x 2 Class 2 x 1

Additional Watchkeepers, if carried, must hold a Certificate of Officer in charge of a navigational watch <3000 gt.

NEAR-COASTAL VOYAGES

Minimum Grades of Competency

SHIPS-GROSS TONNAGE (LENGTH)	MASTER	CHIEF MATE	W/KEEPER	ADDITIONAL W/KEEPER	W/KEEPER RATINGS
>1600 gt	Class 2 Master	Class 2 Mate	Class 4 Mate	Class 5 Mate	Class 1 x 3 Class 2 x 2
1000 to 1600 gt	Class 3 Master	Class 3 Mate	Class 4 Mate		Class 1 x 2 Class 2 x 2
200 to 1000 gt	Class 4 Master	Class 4 Mate	Class 5 Mate		Class 1 x 2 Class 2 x 1

<200 gt	Class 5 Master	Class 5 Mate			Class 1 x 1 Class 2 x 1
< 15 metres	Coxswain				

Additional Watchkeepers, if carried, must hold a Certificate of at least Class 5 Mate.

ENGINEERING CERTIFICATES

UNLIMITED VOYAGES

Minimum Grades of Competency

ENGINE POWER	CHIEF ENG.	2 nd ENG.	W/KEEPER	ADDITIONAL W/KEEPER	W/KEEPER RATINGS
>3000 kW	Class 1 Chief Engineer	Class 1 Second Engineer	Engineering Watchkeeper	Engineering Watchkeeper	Class 1 x 1 Rating
750 to 3000 kW	Class 2 Chief Engineer	Class 2 Second Engineer	Engineering Watchkeeper	Engineering Watchkeeper	Class 1 x 1 Rating
<750 kW	Class 2 Chief Engineer	Class 3 Engineer			

< 750 kW: Additional Watchkeeper, if carried, must hold a minimum of Class 4 Engineer.

A Class 1 Second Engineer may sail as Chief Engineer on a ship <3000kW.

NEAR-COASTAL VOYAGES

Minimum Grades of Competency Required

ENGINE POWER	CHIEF ENG.	2 nd ENG.	W/KEEPER	ADDITIONAL W/KEEPER	W/KEEPER RATINGS
>3000 kW	Class 1 Chief Engineer.	Class 1 Second Engineer	Engineering Watchkeeper	Engineering Watchkeeper	
750 to 3000 kW	Class 2 Chief Engineer	Class 2 Second Engineer			
500 to 750 kW	Class 3 Engineer	Class 4 Engineer.			
250 to 500 kW	Class 4 Engineer	Class 5 Engineer			
< 250 kW	Class 5 Engineer				

750 to 3000 kW: If additional Watchkeepers are carried, then the first must hold a minimum of Class 3 Engineer and the second a minimum of Class 4 Engineer.

<750 kW: All additional Watchkeepers must hold a minimum of Class 5 Engineer.

STCW REGULATIONS

SCHEDULE VI

Regulation 5.1(d)

SAFE MANNING CERTIFICATE

Division of Marine Transportation
 PO Box PS2
 Palikir, Pohnpei
Federated States of Micronesia 96941

Telephone: (691) 320-2381/2865
 Fax No: (691) 320-5853

Name of Vessel : _____
Call Sign : _____
Type : _____
Gross Tonnage : _____
Port of Registry : _____
Trading Area : _____
Total Propulsion Power : _____

The above named vessel is safely crewed for the type of operation described below in accordance with the National Maritime Act, 1997 and the STCW Convention, Regulations and Code.

For Unlimited Trade/(delete as required)

Near Coastal	STCW Regulation	FSM Certificate	Number
Master
Mate
Watchkeeping Officer
Extra Watch Keeper
Chief Engineer
2nd Engineer
Watchkeeping Engineer
Deck Ratings
Engine Ratings

All members of the subordinate crew shall meet the requirements regarding safety training and qualifications according to rules in force at the time.

Division of Marine Transportation, Palikir.

Date.....

STCW REGULATIONS**SCHEDULE VII****FEEES FOR EXAMINATIONS**

(1) The following fees shall be payable for all examinations, Deck or Engine, conducted by Examiners of the Division of Marine Transportation, Department of Transportation, Communications and Infrastructure:

Class 5 and below, \$30.00

Class 4	\$50.00
Class 3	\$100.00
Class 2	\$200.00
Class 1	\$250.00

(2) These fees will cover the full examination and will include one referral or re-sit, as necessary. Any subsequent re-sit will incur payment of the full fee.

STCW REGULATIONS

SCHEDULE VIII

MEDICAL STANDARDS

1. (1) The physician conducting a medical examination under this Regulation shall ensure that the seafarer does not suffer from-
 - (a) an impairment that causes unpredictable loss of consciousness and that cannot be controlled through medication;
 - (b) a disorder that could prevent the seafarer from reacting efficiently, while on watch, or in an emergency;

- (c) a condition that is likely to require emergency medical care and that cannot be controlled through medication; or
- (d) high blood pressure, or high risk of stroke or heart attack;
- (e) a condition that could endanger others, taking into account the confined living conditions on board ship, such as
 - (i) AIDS or other sexually transmitted disease;
 - (ii) a communicable disease that could affect other seafarers coming into close contact.
- (f) alcohol or drug addiction that could impair his ability to carry out his duties as and when required;
- (g) an active psychiatric disorder.

(2) The physician conducting a medical examination under this Regulation shall ensure that the seafarer has-

- (a) adequate muscle strength to carry a mass of 22 kg;
- (b) the physical capacity to wear breathing apparatus and life saving equipment;
- (c) adequate vision and hearing and the agility and strength to perform the duties of fire fighting, first-aid administration and ship abandonment in an emergency

(3) The physician conducting a medical examination under this Regulation shall ensure that a seafarer who performs the following duties meets the physical requirements set out in "Seagoing Occupations" of the *Physician's Guide* published by the Secretariat of the Pacific Community;

- (a) the duties of deck department personnel set out in clause 1.2;
- (b) the duties of engineers set out in clause 1.3; or
- (c) the duties of cooks or stewards set out in clause 1.4.

(4) A medical examination conducted under this Regulation shall conform to the guidelines and time-period requirements of the following clauses of the *Physician's Guide* published by the Secretariat of the Pacific Community.

(5) Colour vision standards are those set out in *Physician's Guide*, Sections 3.1 and 3.2.

(6). Subject to the provisions contained in the *Physician's Guide*, every seafarer before going to sea shall be in good health and shall have:

- (a) normal blood pressure, or be on maintenance medication to maintain the blood pressure not to exceed 160/100;

- (b) vision of 6/6 or equivalent international vision criteria, correctable to 6/12 for deck applicants and 6/18 for engineer applicants;
- (c) unaided average threshold of hearing of 70 dB or less in each ear for deck applicants, or functional speech discrimination of at least 80% at 55 dB binaural, and 40 dB or less for engineer applicants, or functional speech discrimination of at least 90% at 55 dB binaural. Deck applicants may have aided average of 40db or less or functional speech discrimination of 90% at 55 dB binaural.
- (7) Waivers may be granted in exceptional conditions for applicants who do not meet these criteria.

Table B-I/9

Minimum in-service eyesight standards

STCW Convention Regulation	Category of seafarer	Distance vision*		Near/immediate vision	Colour vision	Visual fields	Night blindness	Diplopia (double vision)
		one eye	Other eye					
I/11 II/1 II/2 II/3 II/4	Masters, deck officers and ratings required to undertake look-out duties	0 5# 0.1	0.5 0.1	Both eyes together Aided or unaided		Normal visual fields	Vision required to perform all necessary functions in darkness without compromise	No significant condition evident
	Aided:							

Schedules

	Unaided:						
I/11 III/ 1 III/2 III/3 III/4	All engineer officers and ratings forming part of an engine-room watch Aided: Unaided:	0.4 0.1	0.4 0.1	Vision required to read instruments in close proximity, to operate equipment, and to identify systems/components as necessary	Sufficient visual fields	Vision required to perform all necessary functions in darkness without compromise	No significant condition evident
I/11 IV/2	Radio officers and electrical/electronic officers Aided: Unaided:	0.4 0.1	0.4 0.1	Vision required to read instruments in close proximity, to operate equipment, and to identify systems/components as necessary	Sufficient visual fields	Vision required to perform all necessary functions in darkness without compromise	No significant condition evident

*Note: Values given in Snellen decimal notation.

#Note: A value of at least 0.7 in one eye is recommended to reduce the risk of undetected underlying eye disease

STCW REGULATIONS

SCHEDULE IX

SEAFARERS MEDICAL FITNESS CERTIFICATE

SEAFARERS MEDICAL FITNESS CERTIFICATE

To conform to the 1995 Amendments to the STCW Convention 1978 & ISM Code

To be completed by applicant

Surname:.....First name/s:.....M / F

Date of Birth:.....Rank/Grading:.....

Home address.....(street/town/country)

Present Occupation.....Company which nominated.....

1. Family History

yes

no

a) Has anyone in your close family or household been treated for tuberculosis (TB) in the past ten years?

b) Do you have a family history of heart disease, arthritis, rheumatism or diabetes?

c) Has anyone in your family ever been treated for mental illness or 'nervous' conditions?

For physicians use only, please provide further information if the answer to any of the above questions is yes

.....
.....

.....
 2. Personal History Have you ever suffered from: **yes**
no

- a) tuberculosis, spitting of blood or severe chest infection?
- b) conditions of the heart or lungs, including breathlessness, palpitation and high blood pressure?
- c) infection of the bladder, kidneys or urinary tract, including sexually transmitted infection?
- d) any condition of the stomach, liver or bowels, including hepatitis or stomach ulcer?
- e) convulsions, fits, epilepsy or severe migraine headaches?
- f) skin complaints, including skin cancers which have required medical treatment?
- g) malaria or leprosy - still suffer repetitive effects from it? - still taking medication?
- h) diabetes, rheumatism, arthritis, hernia, stroke or cancer?
- i) any major accidents or recent (in past ten years) surgical treatment?

For physicians use only, please provide further information if the answer to any of the above questions is yes

3. General **yes no**

- a) Do you wear glasses or corrective (contact) lenses?
- b) If yes, do you wear glasses for: (*circle one*).....reading.....all the time
- c) When did you last have a chest X ray (*year*).....
- d) When did you last consult your doctor for an illness? (*month and year*).....

Confidential - Examining Medical Officer's Report

I. Physical Examination

Candidate's general appearance:.....
 (*comment on visible signs of ill health and/ or disability*)

.....
 Height.....Weight.....
 Blood Pressure.....Pulse rate.....
 Urinalysis.....

Is there any evidence of heart and/or lung disease ? **yes no**

Is a chest X Ray required? (*consider history as well as examination results*)

Is there any evidence of:

past or recent ear, nose and/or throat infections	<input type="checkbox"/>	<input type="checkbox"/>
defect in sight or hearing? (<i>surgery tests essential</i>)	<input type="checkbox"/>	<input type="checkbox"/>
enlarged glands, varicose veins, skin lesions	<input type="checkbox"/>	<input type="checkbox"/>
conditions of the uro-genital organs and tract	<input type="checkbox"/>	<input type="checkbox"/>
disease of the brain, spinal cord or nervous system	<input type="checkbox"/>	<input type="checkbox"/>

Does the applicant take any regular medication?

Name of medication and reason for taking?.....

Other comments.....

.....

2. Psychological Assessment

	yes	no
Does the applicant drink alcohol?	<input type="checkbox"/>	<input type="checkbox"/>

In your opinion, is the applicant a mild, moderate or heavy drinker?

Does the patient have a history of, or is currently using drugs?

Is the applicant aware of the possible health risks associated with having unprotected sexual encounters whilst employed as a seafarer?

Is the applicant aware of the protective effects of condoms against possible health risks?

In your opinion, is the applicant a mature, responsible person who will manage employment as a seafarer?

Comments.....

Medical Officer's Recommendations

(The examining doctor is requested to inform the candidate whether acceptance, deferment, or rejection is recommended).

Fit for contract service for.....years.

Fit for permanent services.....

Deferred for.....months

Rejected.

Results of Chest X

Ray.....

What further tests/investigations need to be undertaken for the candidate to be considered eligible?.....

.....

Other Comment:.....

.....

.....

Signature, Examining Doctor.....Signature, Applicant:.....

Print Name:.....Print Name:.....

Date:.....Date:.....

Employment:

Approved

Not approved

Medical Practitioners Name:.....

Address:.....

Provider/registration number:.....

Telephone #: Fax #:.....

RMLA/SPC - April 1998

STCW REGULATIONS
SCHEDULE X
CERTIFICATE OF COMPETENCY

This Certificate shall be issued in a "Passport" type format and size.

Designation of Certificate					
Full Name of holder					
PHOTOGRAPH OF CERTIFICATE HOLDER	Date of Birth				
	Place of Birth				
	Height			PIN	
	Other identifying features				

Signature of Holder	
.....	
Date of Issue	Authorized Officer

Certificate of Competency

This is to certify that the holder of this Certificate is qualified as

.....

and is entitled under the National Maritime Act to serve in a ship in any capacity requiring the holding of a Certificate of that designation.

This Certificate of Competency is subject to any endorsements as to its period of validity, limitations, extensions or additional qualifications.

Issued in recognition of.....

.....

.....

.....

The National Maritime Act, 1997 provides penalties for the fraudulent use or forgery of a Certificate of Competency

Additional Qualifications
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Limitations and Extensions
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FSM STCW Regulations Page 43 of 45 01 March 2002

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Date of issue of this endorsement
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