

27993

SPC/2nd Pacific Community Fish. Mgmt. Workshop/BP 5B
6 October 1998

ORIGINAL: ENGLISH

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NOT FOR LOAN

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SECOND PACIFIC COMMUNITY
FISHERIES MANAGEMENT WORKSHOP
(Noumea, New Caledonia, 12–16 October 1998)

**FISHING VESSEL SAFETY
AND OFFICERS & CREWS CERTIFICATION**

By Captain Angus Scotland,
Regional Marine Training Adviser,
Secretariat of the Pacific Community
Suva, Fiji

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FISHING VESSEL SAFETY AND OFFICERS & CREWS CERTIFICATION

SPC Modular Courses : Modular course development for region that incorporates training for merchant navy crews and fishing vessel crews.



SPC MODULAR COURSES

Background

The following Pacific Island Countries (PICs) have acceded to the 1978 STCW Convention and by tacit acceptance adopted the 1995 Amendments as per IMO J/6783 at 31/12/97.

Fiji
Samoa
Tonga
Tuvalu
Kiribati
Marshall Islands
Federated States of Micronesia (ratified in 98)
Solomon Islands
Papua New Guinea
Vanuatu
Cook Islands and Niue accession by New Zealand applies but does not extend to Tokelau.

Many of the PICs have maritime training schools offering marine courses that will have to comply with the standards defined in the STCW 95 Code. SPC Regional Maritime Programme (RMP) at the request of its member countries undertook to provide the region with a series of modular courses that meet the provisions of the STCW Convention and incorporated non-Convention vessels to enable PICs to complete their submissions to IMO.

To date RMP has completed training modules for Class 4,5,6, Ratings and Safety Certificate for the deck and engine department. These have been incorporated into regulations and apply to fishing vessel crews (See status of primary legislation).

The modules are valid for a period of 5 years and can be completed at different stages in a mariner's career. This is a competency-based structure so some can be assessed on the job.

COURSE STRUCTURE FOR

DECK AND ENGINE DEPARTMENT

Certificate

CLASS 3 (MASTER)

CLASS 4 (MASTER)

CLASS 5 (MASTER)

CLASS 6 (MASTER/ENGINEER)

WATCHKEEPING RATING – DECK

CLASS 3 (ENGINEER)

CLASS 4 (ENGINEER)

CLASS 5 (ENGINEER)

CLASS 6 (MASTER/ENGINEER)

WATCHKEEPER RATING – ENGINEERING

SAFETY CERTIFICATE

TANKER

RO-RO VESSELS

CLASS 3 (MASTER)

Prerequisite Certificate : Class 4 (Master)

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 081	Vessel Construction & Machinery (Master 3)	35
SPC 082	Vessel Stability & Stress	35
SPC 083	Bridge Operations	35
SPC 084	Nautical Knowledge (Master 3)	35
SPC 085	Cargo Operations (Master 3)	35
SPC 086	Vessel Administration	30
SPC037	ARPA (optional)	21

(Plus prerequisite special training courses)

CLASS 4 (MASTER)

Prerequisite Certificate : Class 5 (Master)

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 061	Vessel Construction & Machinery (Master 4)	35
SPC 062	Small Vessel Stability	35
SPC 063	Navigation & Position Determination (Master 4)	35
SPC 064	Instrumentation & Navigational Aids	35
SPC 065	Radar (Master 4)	35
SPC 066	Nautical Knowledge (Master 4)	50
SPC 067	Visual Communications	7
SPC 068	Cargo Operations (Master 4)	21
SPC037	ARPA (optional)	21

(Plus prerequisite special training courses)

CLASS 5 (MASTER)

Prerequisite Certificate : Safety Certificate

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 041	Vessel Construction & Machinery	35
SPC 042	Navigation & Position Determination (Master 5)	60
SPC 043	Nautical Knowledge (Master 5)	60
SPC 044	Small Vessel Stability (Master 5)	35
SPC 034	Basic Radar	35
SPC 035	Advanced Fire Prevention & Control	35
SPC 036	GMDSS	40
SPC037	ARPA (optional)	21
SPC 015	Proficiency in Survival Craft	35
SPC 016	First Aid at Sea	21

(Plus prerequisite special training courses)

CLASS 6 (MASTER/ENGINEER)

Prerequisite Certificate : Safety Certificate

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 021	Nautical Knowledge (Master 6)	60
SPC 022	Engineering Knowledge (Engineer 6)	60
SPC 023	Basic Radar Operation (Optional)	21
SPC 024	Radiotelephony	21

WATCHKEEPING RATING - DECK

Prerequisite Certificate : Safety Certificate

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 011	Basic Bridge Procedures	50
SPC 012	Basic Seamanship	35
SPC 014	Enabling English	7
SPC 015	Proficiency in Survival Craft	35
SPC 016	First Aid at Sea	21

(Plus prerequisite special training courses)

CLASS 3 (ENGINEER)

Prerequisite Certificate : Class 4 (Engineer)

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 091	Applied Mechanics (Engineer 3)	35
SPC 092	Heat and Heat Engines (Engineer 3)	35
SPC 093	Engineering Drawings (Engineer 3)	35
SPC 094	Electro Technology (Engineer 3)	35
SPC 095	Naval Architecture and Ship Construction (Eng 3)	35
SPC 096	Engineering Knowledge - General (Engineer 3)	35
SPC 097	Engineering Knowledge - Motor (Engineer 3)	35
SPC 086	Administration	35

(Plus prerequisite special training courses)

CLASS 4 (ENGINEER)

Prerequisite Certificate : Class 5 (Engineer)

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 071	Applied Mechanics (Engineer 4)	35
SPC 072	Heat and Heat Engines (Engineer 4)	35
SPC 073	Engineering Drawings (Engineer 4)	35
SPC 074	Electro Technology (Engineer 4)	35
SPC 075	Naval Architecture and Ship Construction (Eng 4)	35
SPC 076	Engineering Knowledge - General (Engineer 4)	60
SPC 077	Engineering Knowledge - Motor (Engineer 4)	60
SPC 035	Advanced Fire Prevention & Control	35

(Plus prerequisite special training courses)

CLASS 5 (ENGINEER)

Prerequisite Certificate : Class 6 (Master/Engineer) or Watchkeeping Rating - Engine

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 051	Practical Mathematics	35
SPC 052	Engineering Knowledge (Engineer 5)	60
SPC 015	Proficiency in Survival Craft	35
SPC 016	First Aid at Sea	21

(Plus prerequisite special training courses)

CLASS 6 (MASTER/ENGINEER)

Prerequisite Certificate : Safety Certificate

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 021	Nautical Knowledge (Master 6)	60
SPC 022	Engineering Knowledge (Engineer 6)	60
SPC 023	Basic Radar Operation	21
SPC 024	Radiotelephony	21

WATCHKEEPING RATING – ENGINEER

Prerequisite Certificate : Safety Certificate

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 013	Basic Marine Machinery Systems	50
SPC 012	Basic Seamanship	35
SPC 014	Enabling English	7
SPC 015	Proficiency in Survival Craft	35
SPC 016	First Aid at Sea	21

(Plus prerequisite special training courses)

SAFETY CERTIFICATE

Prerequisite Certificate : Nil

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 001	Survival Techniques	15
SPC 002	Fire Prevention and Control	18
SPC 003	Elementary First Aid	15
SPC 004	Occupational Health & Safety	20

PREREQUISITE SPECIAL TRAINING COURSES

Prerequisite Certificate : Nil

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 005	Basic Tanker safety Training	21

Prerequisite Certificate: Nil

<u>Code</u>	<u>Module</u>	<u>Nominal Duration in hours</u>
SPC 006	Ro-ro passenger vessels	28

All the modules prescribed will be valid for a period of five (5) years from the date of issuance.

MERCHANT SHIPPING (STCW CONVENTION) REGULATIONS

SCHEDULE V

TABLE OF FUNCTIONS AND STCW REGULATIONS

FUNCTION	REGULATION
Navigation	
Master of ships >3000 gross tons	II/2.1
Master 500 - 3000	II/2.3
Master <500 "unlimited"	II/3.2
Master <500 "near coastal"	II/3.5
Chief Mate of ships >3000 gross tons	II/2.1
Chief Mate 500 - 3000	II/2.3
Officer of the Watch >500	II/1
Officer of the Watch <500 "unlimited"	II/3.1
Officer of the Watch <500 on "Near-coastal voyages"	II/3.3
Ratings forming part of a navigational watch	II/4
Engine room	
Chief Engineer >3000 kW	III/2.
Chief Engineer 750 - 3000	III/3.
Second Engineer >3000	III/2
Second Engineer 750 - 3000	III/3
Officer of Engineering Watch 750 kW	III/1
Engine-room Ratings	III/4
Radio	
Radio communication personnel	IV/1
GMDSS	IV/2
Special vessels	
Tanker endorsement	V/1
Ro-ro passenger ships	V/2
Basic Training	
Familiarisation and basis safety training	VI/1
Proficiency in survival	VI/2
Advanced fire-fighting	VI/3
First Aid	VI/4

MERCHANT SHIPPING (STCW CONVENTION) REGULATIONS

SCHEDULE VII

SAFE CREWING CERTIFICATE

MINISTRY OF TRANSPORT

Address:
Ministry of Transport
PO Box 1607
Apia, SAMOA

Telephone: +685 23 701
Fax No: +685 21990

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

The above named vessel is safely manned for the type of operation described below in accordance with Part V of the *Shipping Act 1998* and the STCW Convention, Regulations and Code.

For Unlimited/Near Coastal Trade
(delete as required)

	STCW Regulation	Number on board
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 in question.

Secretary for Transport,
 Ministry of Transport,
 Apia, Samoa

Date

seal

SHIPPING (STCW CONVENTION) REGULATIONS 1998

SCHEDULE VIII

FEEES FOR EXAMINATIONS

Fees:

The following fees shall be payable to the Ministry of Transport, Marine Division:

- | | | |
|----|---|------------|
| 1. | For the receipt of an application for the issuance of a certificate, including the verification of sea-time | \$25 Tala |
| 2. | For the conduct of an assessment of competence or examination conducted by or on behalf of the Administration | \$100 Tala |
| 3. | Re-examination of unsuccessful candidates | \$50 Tala |
| 4. | For the issuance of a certificate to a Master, Mate or Engineer | \$50 Tala |
| 5. | For the issuance of a radio communications licence | \$50 Tala |
| 6. | For the issuance of a certificate to a Rating | \$30 Tala |
| 7. | For the issuance of a replacement certificate for one that is lost | \$50 Tala |
| 8. | Certified transcript of examination results | \$10 Tala |