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The IGF Code and the Seafarers

Palazzo S. Giorgio - Genova, 30/06/2017

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The IGF Code and the Seafarers

The shipping industry is facing a seafarers issue, it is not so easy to find properly qualified seafarers and establish with them a long terms relationship.

Before joining any specific vessel, seafarers nowadays shall have passed the shore based training, required by the applicable regulations, and once onboard dealt with the ship's specific familiarization training.

The basic philosophy **...to minimize the risk to the ship, its crew and the environment,** having regard to the nature of the fuels involved...

The new IGF Code, by clause 19, sets down the seafarers training requirements, and STCW with the new section V/3, has been amended to fulfill with those requirements.

Maritime Administrations requires all applicable seafarers serving onboard ships, to have a valid Certificate of Proficiency that relates to the IGF training appropriate to their assigned shipboard duties.

19 TRAINING

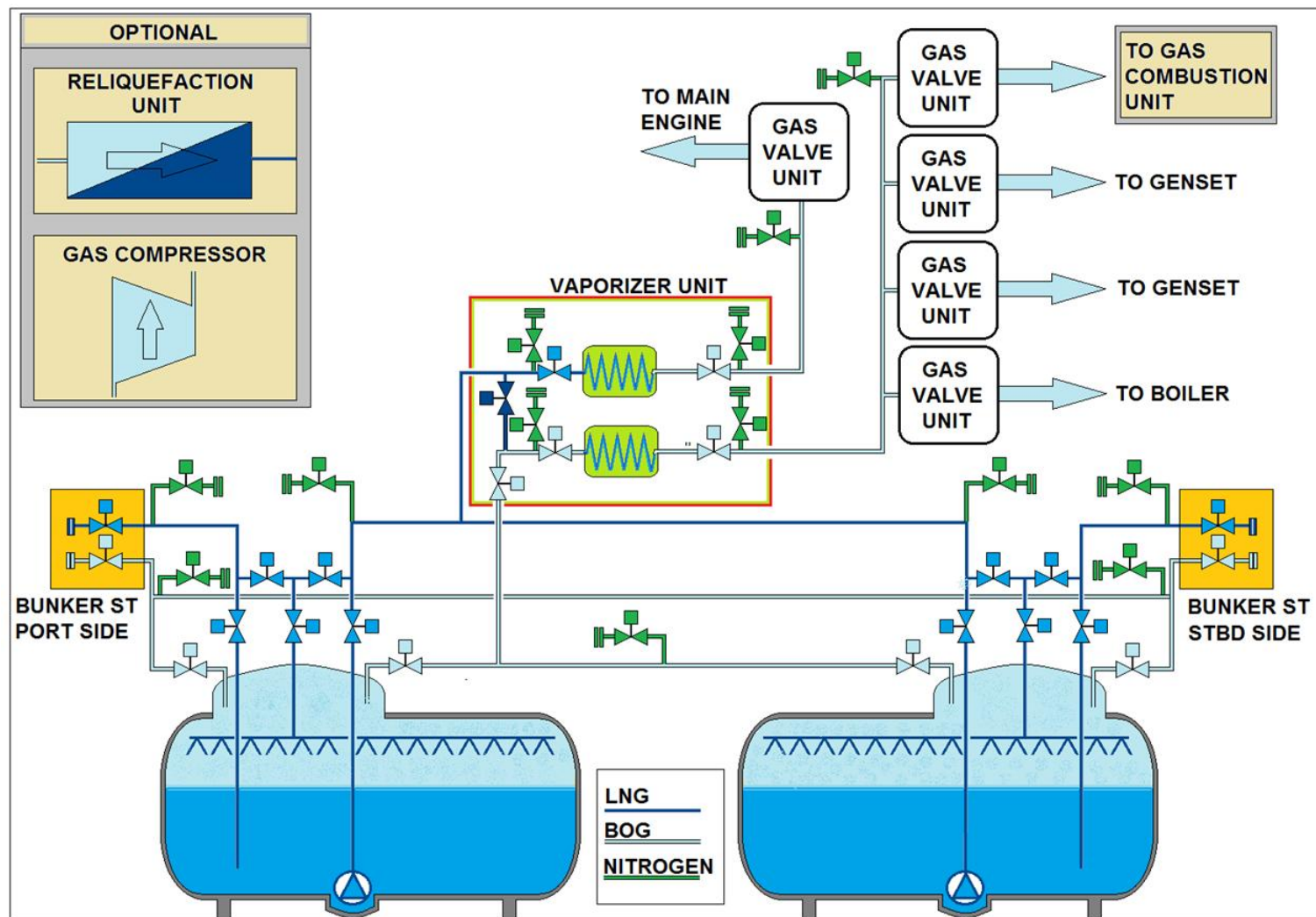
19.1 Goal

The goal of this chapter is to ensure that seafarers on board ships to which this Code applies are adequately qualified, trained and experienced

19.2 Functional requirements

Companies shall ensure that seafarers on board ships using gases or other low-flashpoint fuels shall have completed training to attain the abilities that are appropriate to the capacity to be filled and duties and responsibilities to be taken up, taking into account the provisions given in the STCW Convention and Code, as amended.

LNG as fuel



Regulation V/3 - Mandatory minimum requirements for the training and qualifications of masters, officers, ratings and other personnel on ships subject to the IGF Code

- 1 This regulation **applies to masters, officers and ratings and other personnel** serving on board ships subject to the IGF Code.
- 2 **Prior to being assigned** shipboard duties **on board** ships subject to the IGF Code, **seafarers shall have completed the training** required by paragraphs 4 to 9 below **in accordance with their capacity, duties and responsibilities.**
- 3 **All seafarers** serving **on board** ships subject to the IGF Code **shall**, prior to being assigned shipboard duties, **receive appropriate ship and equipment specific familiarization** as specified in regulation I/14, paragraph 1.5.
- 4 **Seafarers responsible for designated safety duties** associated with the care, use or in emergency response to the fuel on board ships subject to the IGF Code **shall hold a certificate in basic training** for service on ships subject to the IGF Code.
- 5 **Every candidate for a certificate in basic training** for service on ships subject to the IGF Code **shall have completed basic training in accordance** with provisions of section A-V/3, paragraph 1 of the STCW Code.

6 Seafarers responsible for designated safety duties associated with the care, use or in emergency response to the fuel on board ships subject to the IGF Code **who have been qualified and certified** according to regulation V/1-2, paragraphs 2 and 5, or regulation V/1-2, paragraphs 4 and 5 **on liquefied gas tankers, are to be considered as having met the requirements** specified in section A-V/3, paragraph 1 **for basic training** for service on ships subject to the IGF Code.

7 Masters, engineer officers and all personnel with immediate responsibility for the care and use of fuels and fuel systems on ships subject to the IGF Code **shall hold a certificate in advanced training** for service on ships subject to the IGF Code.

8 Every candidate for a certificate in advanced training for service on ships subject to the IGF Code **shall, while holding the Certificate of Proficiency described in paragraph 4, have:**

- .1 **completed approved advanced training** for service on ships subject to the IGF Code and meet the standard of competence as specified in section A-V/3, paragraph 2 of the STCW Code; **and**
- .2 **completed at least one month of approved seagoing service** that includes **a minimum of three bunkering operations** on board ships subject to the IGF Code. **Two of the three bunkering operations may be replaced by approved simulator training on bunkering operations as part of the training in paragraph 8.1 above.**

9 Masters, engineer officers and any person with immediate responsibility for the care and use of fuels on ships subject to the IGF Code **who have been qualified and certified according to the standards of competence** specified in section A–V/1-2, paragraph 2 **for service on liquefied gas tankers are to be considered as having met the requirements** specified in section A-V/3, paragraph 2 **for advanced training** for ships subject to the IGF Code, **provided they have also:**

- .1 met the requirements of paragraph 6; and
- .2 met the bunkering requirements of paragraph 8.2 or have participated in conducting three cargo operations on board the liquefied gas tanker; and
- .3 have completed sea going service of three months in the previous five years on board:
 - .1 ships subject to the IGF Code;
 - .2 tankers carrying as cargo, fuels covered by the IGF Code; or
 - .3 ships using gases or low flashpoint fuel as fuel.

- 10 Every Party shall compare the standards of competence which it required of persons serving on gas-fuelled ships before 1 January 2017 with the standards of competence in Section A-V/3 of the STCW Code, and shall determine the need, if any, for requiring these personnel to update their qualifications.
- 11 Administrations shall ensure that a Certificate of Proficiency is issued to seafarers, who are qualified in accordance with paragraphs 4 or 7, as appropriate.
- 12 Seafarers holding Certificates of Proficiency in accordance with paragraph 4 or 7 above shall, at intervals not exceeding five years, undertake appropriate refresher training or be required to provide evidence of having achieved the required standard of competence within the previous five years.

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In November 2016,  **VELA** delivered the very first IGF basic and advanced courses to the Canadian Owner Desgagnés.



**Transport
Desgagnés inc.**

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Canada

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Courtesy Desgagnés

Owner's very first query we received was:

“How should we select the Seafarers for the Basic and the Advanced training?”

The IGF Code and the Seafarers

designated safety duties

with immediate responsibility

EMERGENCY MUSTER LIST
This muster list must be completed in compliance with SOLAS Chapter II Regulation 33 and the Company Safety Manual.

FIRE OR OTHER INCIDENT:
SIGNAL: Continuous sounding of the ship's alarm system.
ACTION: Emergency parties muster at designated stations with wear protective clothing and equipment in hand. All non-rated personnel collect work clothing, don lifejackets and muster at _____.

ABANDON SHIP:
SIGNAL: _____ The order to abandon ship will be given ONLY by the Master or his substitute.
ACTION: Proceed to an orderly transfer to your designated station in life saving appliances and wear clothing. The person in charge will take a roll call before launching.

MAN OVERBOARD:
SIGNAL: Three long blasts, immediately inform the officer of the watch (the _____) order "Man overboard" and give location. Keep the casualty in sight.

CONTROL TEAM
Master or Bridge
NAME RANK DUTIES

FIRST EMERGENCY TEAM
Master or _____
NAME RANK DUTIES

SECOND EMERGENCY TEAM
Master or _____
NAME RANK DUTIES

RESERVE TEAM
Master or _____
NAME RANK DUTIES

ENGINE ROOM SUPPORT
Master or _____
NAME RANK DUTIES

MAN OVERBOARD PARTY
Master or _____
NAME RANK DUTIES

GENERAL INSTRUCTIONS
1) The person responsible for maintenance of all LSA and the specific responsibility of attending any alarm to close all watertight doors and windows.
2) In the event of fire, all watertight doors shall be closed by the responsible person.
3) In the event of fire, all watertight doors shall be closed by the responsible person.
4) The Master's instructions shall be followed.
5) The Chief Officer's instructions shall be followed.
6) The Chief Engineer's instructions shall be followed.
7) Other instructions: _____

ABANDON SHIP STATIONS
NAME RANK BOAT RAFT DUTIES

SHIP'S DETAIL

NAME OF SHIP	OFFICIAL NUMBER	IMO NUMBER	TYPE OF SHIP	TRADING AREA
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REGISTER DIMENSION

LENGTH OVERALL	B EAM	DEPTH	GROSS TONNAGE (ITC '89)	NO. OF ENGINE(S)
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PROPELLING ENGINES

DESCRIPTION OF ENGINE(S)	NO. GENERATORS	BHP/KW PROPULSION	SPEED (KNOTS)
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UNMANNED MACHINERY SPACE (UMS) CERTIFICATE: Yes ☐ No ☐ Total No. of Persons for which Life Saving Appliances are provided _____

OTHER DETAILS

Automated Mooring Winches: Yes ☐ No ☐ Inter Communication system: Yes ☐ No ☐ Automatic Pilot: Yes ☐ No ☐

WATCH SYSTEM

Deck Engine	Two	Three
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PROPOSED MANNING SCHEDULE

GRADE/CAPACITY	CERTIFICATE (STCW Req.)	NUMBER OF PERSONS	GRADE/CAPACITY	CERTIFICATE (STCW Req.)	NUMBER OF PERSONS	GRADE/CAPACITY	CERTIFICATE (STCW Req.)	NUMBER OF PERSONS
Deck Officers			Engine Officers			Miscellaneous		
Master	II/2 or II/3		Chief Engineer	III/2 or III/3 ¹		Cook		
Chief Officer	II/2 or II/3 ¹		Second Engineer	III/2 or III/3 ¹				
OIC/NW	II/1 or II/3 ¹		OICEW	III/1				
			Electro-Technical Officer	III/6				
Deck Ratings			Engine Ratings					
Able Seafarer Deck	II/5		Able Seafarer Engine	III/5				
Rating forming part of a Navigational Watch	II/4		Rating forming part of a Engine Watch	III/4				
Other Deck Ratings	VI/1 and VI/6		Electro-Technical	III/7				
			Other Engine Ratings	VI/1 and VI/6				

Owners should attach all supporting document(s). Application will be reviewed by the Department of Safety, Environment and Certification and a Minimum safe Manning Certificate under the authority of the Shipping Act 1998 will be issued provided all necessary information requested has been provided.

PARTICULARS OF OPERATING COMPANY (INFORMATION SAME AS DOCUMENT COMPLIANCE)

Name of Operating Company	Address of Operating Company	Telephone
		Fax No
		Email Address
		Contact Person
		Company Identifiers No:

I certify that to the best of my knowledge the particulars given by me in this form are correct.

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Senior Vice President, DPA, Technical managers, Captains, Deck Officers, Chief Eng's and Engineer Officers participated to the basic and advanced training courses.



CONCLUSION

Master, deck officer and other maritime officers with responsibilities, in addition to basic training, must have pass a training course as provided for in Section A-V / 3.2,

and...



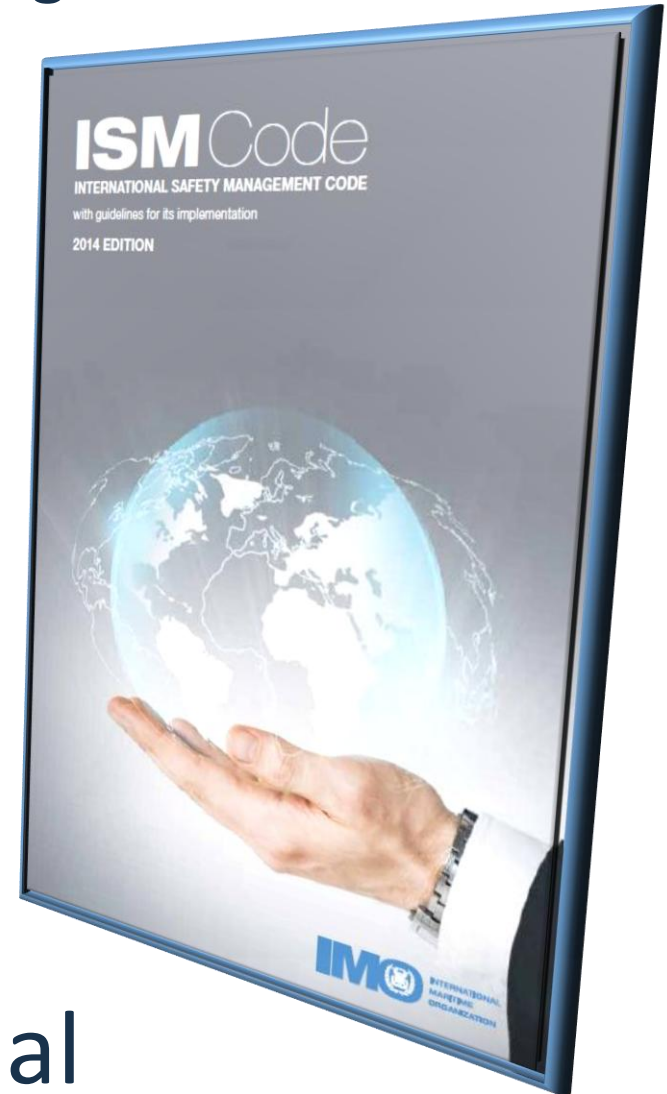
Have completed **at least one month of approved seagoing service** that includes **a minimum of three bunkering operations** on board ships subject to the IGF Code.

CONCLUSION – new plans and procedures

The responsibilities, tasks and training of seafarers in LNG management,

shall be

Clearly documented and
defined in the SMS Manual



CONCLUSION – new plans and procedures

New Bunkering



New Maintenance and Repairs



CONCLUSION – new plans and procedures

New confined spaces



New inerting



CONCLUSION – new plans and procedures

New drill and exercise



New Emergency planning

EMERGENCY MUSTER LIST				
<p>FIRE OR OTHER INCIDENT SIGNAL: Confusion sounding of the ship's alarm system. ACTION: Emergency parties muster at designated stations with worn protective clothing and equipment in hand. All untasked personnel collect near muster station. Muster stations and muster at: _____</p>				
<p>ABANDON SHIP SIGNAL: _____ The order to abandon ship will be given ONLY by the Master or his substitute. ACTION: Personnel in all cabins, corridors or other designated places at all existing shipboard and wear clothing. The person in charge will take a roll call before leaving.</p>				
<p>MAN OVERBOARD SIGNAL: _____ ACTION: From Lifeline, immediately return the officer of the watch (OOW) to the bridge. If the OOW is not on the bridge, the OOW must be notified immediately. The OOW must be notified immediately. The OOW must be notified immediately.</p>				
<p>ABANDON SHIP STATIONS SIGNAL: _____ ACTION: All personnel to don lifejackets and wear clothing and muster at designated stations. Rescue Team to prepare throwing appliances for launching.</p>				
<p>CONTROL TEAM Master or Bridge NAME RANK DUTIES</p>				
<p>FIRST EMERGENCY TEAM Master or Bridge NAME RANK DUTIES</p>				
<p>SECOND EMERGENCY TEAM Master or Bridge NAME RANK DUTIES</p>				
<p>RESERVE TEAM Master or Bridge NAME RANK DUTIES</p>				
<p>ENGINE ROOM SUPPORT Master or Bridge NAME RANK DUTIES</p>				
<p>MAN OVERBOARD PARTY Master or Bridge NAME RANK DUTIES</p>				
<p>GENERAL INSTRUCTIONS 1) The person responsible for maintenance of all LSA and life support equipment is, in every way, to check all water-tight doors and windows. 2) In the event of fire, all automatic and manual fire doors to be closed by the responsible person. 3) The Master's substitute will be notified immediately. 4) The Chief Engineer's substitute will be notified immediately. 5) The Chief Engineer's substitute will be notified immediately. 6) The Chief Engineer's substitute will be notified immediately.</p>				

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thanks for your attention