

Record of Assessment

for

MASTER AND OFFICER IN CHARGE OF A NAVIGATIONAL
WATCH OF VESSELS OF LESS THAN 500 GT
LIMITED TO NEAR-COASTAL WATERS

For: _____
Print Name of Candidate

Candidate's Signature

Candidate's Mariner Reference No.

RECORD OF ASSESSMENT

Master and Officer in Charge of a Navigational Watch of
Vessels of Less Than 500 GT Limited to Near-Coastal Waters

NOTE TO QUALIFIED ASSESSOR(S): In performing your function as a Qualified Assessor, you may use your initials only to indicate you have personally witnessed the demonstration of skill or ability by the person being assessed. The Assessment Guidelines in Enclosure (2) will provide satisfactory evidence of meeting the standard of competence specified in Section A-II/3 of the STCW Code. The use of these Assessment Guidelines is not mandatory and an alternative means of having achieved the standards of competence in the STCW Code will be considered as described in paragraph 10 of this NVIC. In accordance with 46 CFR 11.301(a)(1)(i), alternative Assessment Guidelines must be approved by the National Maritime Center before use.

STCW Competence	Knowledge, Understanding, and Proficiency	Task No.	Task Name	Assessor's Initials	Date
Plan and conduct a coastal passage and determine position	Ability to determine the ship's position by the use of landmarks and aids to navigation	1.1.A	Position fix by two bearings		
	Ability to determine the ship's position by the use of dead reckoning	1.2.A	Plot DR position		
		1.3.A	Determine the course to steer		
	Thorough knowledge of and ability to use nautical charts and publications	1.4.A	Correction of charts and publications		
		1.4.B	Chart selection		
		1.4.C	Route planning		

Notes:*Master*

Assessment is only required for an endorsement as Master.

ECDIS

Assessment is not for mariners serving exclusively on vessels not fitted with ECDIS. If the mariner does not complete an approved ECDIS course, a limitation will be added to the STCW endorsement indicating that it is not valid for service on vessels equipped with ECDIS after December 31, 2016.

Radar

Assessment is not for mariners serving exclusively on vessels not fitted with radar. If the assessment is not completed, a limitation will be added to the STCW endorsement indicating that it is not valid for service on vessels equipped with radar.

COURSE

Assessment is satisfied by completion of an appropriate approved or accepted course.

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STCW Competence	Knowledge, Understanding, and Proficiency	Task No.	Task Name	Assessor's Initials	Date
Plan and conduct a coastal passage and determine position	Reporting in accordance with General Principles for Ship Reporting Systems and with VTS procedures	1.5.A	Vessel Traffic System (VTS)		
	Voyage planning and navigation for all conditions by acceptable methods of plotting coastal tracks	1.6.A <i>Master</i>	Voyage Planning - Appraisal		
		1.6.B <i>Master</i>	Voyage Planning - Planning		
		1.6.C <i>Master</i>	Voyage Planning - Execution		
	Thorough knowledge of and ability to use ECDIS	1.7.A <i>ECDIS</i>	ECDIS	COURSE	
	Ability to operate safely and determine the ship's position by use of all navigational aids and equipment commonly fitted on board the ships concerned	1.8.A <i>Radar</i>	Position fix by two ranges		
		1.8.B <i>Radar</i>	Position fix by tangents to objects		
		1.8.C	Position fix by GPS		
		1.8.D	Use of GPS position save function		
		1.8.E	Use of echo sounder		
	Ability to determine errors of the compass, using terrestrial means, and to allow for such errors	1.9.A	Determine magnetic compass deviation		
		1.9.B	Determine course to steer by magnetic compass		
		1.9.C	Position fix by magnetic compass bearings		

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STCW Competence	Knowledge, Understanding, and Proficiency	Task No.	Task Name	Assessor's Initials	Date
Plan and conduct a coastal passage and determine position	Knowledge of automatic pilot systems and procedures; change-over from manual to automatic control and vice versa; adjustment of controls for optimum performance	1.10.A	Steering gear test		
		1.10.B	Set weather controls		
		1.10.C	Change from auto pilot to hand steering		
		1.10.D	Change from hand steering to auto pilot		
	Ability to use and interpret information obtained from shipborne meteorological instruments	1.11.A	Read barometric pressure		
	Ability to apply the meteorological information available	1.12.A	Determine true wind speed and direction		
	Knowledge of the characteristics of the various weather systems, reporting procedures and recording systems	1.13.A	Determine expected weather conditions		
Maintain a safe navigational watch	Thorough knowledge of content, application and intent of the International Regulations for Preventing Collisions at Sea, 1972	2.1.A	Identify light configurations		
		2.1.B	Identify day shapes		
		2.1.C	Identify sound signals		
		2.1.D	Determine risk of collision		

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Maintain a safe navigational watch	Thorough knowledge of content, application and intent of the International Regulations for Preventing Collisions at Sea, 1972	2.1.E	Maneuver to avoid risk of collision - crossing		
		2.1.F	Maneuver to avoid risk of collision - meeting		
		2.1.G	Maneuver to avoid risk of collision - overtaking		
	Knowledge of content of the Principles to be observed in keeping a navigational watch	2.2.A	Watch relief		
		2.2.B	Keep a safe navigation watch		
		2.2.C	Notify Master when appropriate		
		2.2.D	Keep a safe anchor watch		
		2.2.E	Navigate in restricted visibility		
		2.2.F	Turn over a watch		
	Use of routing in accordance with the General Provisions on Ships' Routing	2.3.A	<i>See assessment no. 1.4.B</i>		
		2.3.B	<i>See assessment no. 1.4.C</i>		
	The use of reporting in accordance with the General Principles for Ship Reporting Systems and with VTS procedures	2.4.A	<i>See assessment no. 1.5.A</i>		

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Respond to emergencies	Precautions for the protection and safety of passengers in emergency situations	3.1.A	Safety of passengers in emergency situations		
	Initial action to be taken following a collision or a grounding	3.2.A	Initial damage assessment and control		
		3.2.B	Actions following a collision		
		3.2.C	Actions following a grounding		
	Emergency procedures, including emergency steering	3.3.A <i>Master</i>	Emergency steering		
	Emergency procedures, including arrangements for towing and for being taken in tow	3.4.A <i>Master</i>	Emergency towing		
	Emergency procedures, including rescuing persons from the sea	3.5.A <i>Master</i>	Man overboard		
	Emergency procedures, including assisting a vessel in distress	3.6.A <i>Master</i>	Assisting a vessel in distress		
Emergency procedures, including appreciation of the action to be taken when emergencies arise in port	3.7.A <i>Master</i>	Emergencies in port			
Respond to a distress signal at sea	Knowledge of the contents of the International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual	4.1.A	IAMSAR Manual		

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Maneuver the ship and operate small ship power plants	Knowledge of factors affecting safe maneuvering and handling	5.1.A	Course change of more than 45°		
		5.1.B	Emergency stop		
		5.1.C	Dock vessel		
	The operation of small ship power plants and auxiliaries	5.2.A	Fresh water systems		
		5.2.B	Principles of steering gear		
		5.2.C	Sewage treatment plants		
		5.2.D	Deck machinery		
		5.2.E <i>Master</i>	Fuel consumption		
	Proper procedures for anchoring and mooring	5.3.A	Anchor the vessel		
	Monitor the loading, stowage, securing and unloading of cargoes and their care during the voyage	Knowledge of safe handling, stowage and securing of cargoes, including dangerous, hazardous and harmful cargoes, and their effect on the safety of life and of the ship	6.1.A	Cargo handling, stowage, and securing	
Use of the International Maritime Dangerous Goods (IMDG) Code		6.1.B	Carriage of dangerous cargo		

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Ensure compliance with pollution-prevention requirements	Knowledge of the precautions to be taken to prevent pollution of the marine environment	7.1.A	Precautions to prevent pollution of the marine environment		
	Anti-pollution procedures and all associated equipment	7.2.A	Anti-pollution procedures and associated equipment		
Maintain seaworthiness of the ship	Working knowledge and application of stability, trim and stress tables, diagrams and stress-calculating equipment	8.1.A	Determine stability data		
	Understanding of fundamental actions to be taken in the event of partial loss of intact buoyancy	8.2.A	Partial loss of intact buoyancy		
	Understanding of fundamentals of watertight integrity	8.3.A	Watertight integrity		
	General knowledge of the principal structural members of a ship and the proper names for the various parts	8.4.A	Vessel construction		
Prevent, control and fight fires on board	Ability to organize fire drills	9.1.A	Organize fire drills	COURSE	
	Knowledge of classes and chemistry of fire	9.2.A	Classes and chemistry of fire	COURSE	
	Knowledge of fire-fighting systems	9.3.A	Fire-fighting systems	COURSE	
	Knowledge of action to be taken in the event of fire	9.4.A	Actions in the event of fire	COURSE	

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Operate life-saving appliances	Ability to organize abandon ship drills and knowledge of operation of survival craft and rescue boats, their launching appliances and arrangements, and their equipment, including radio life-saving appliances, satellite EPIRBs, SARTs, immersion suits and thermal protective aids	10.1.A	Life-saving appliances	COURSE	
Apply medical first aid on board ship	Practical application of medical guides and advice by radio, including the ability to take effective action based on such knowledge in the case of accidents or illnesses that are likely to occur on board ship	11.1.A	Medical first aid	COURSE	
Monitor compliance with legislative requirements	Basic working knowledge of the relevant IMO conventions concerning safety of life at sea, security and protection of the marine environment	12.1.A	International maritime conventions		
Contribute to the safety of personnel and ship	Knowledge of personal survival techniques	13.1.A	Personal survival techniques	COURSE	
	Knowledge of fire prevention and ability to fight and extinguish fires	13.2.A	Fire prevention and fire fighting	COURSE	
	Knowledge of elementary first aid	13.3.A	Elementary first aid	COURSE	
	Knowledge of personal safety and social responsibilities	13.4.A	Personal safety and social responsibilities	COURSE	

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ASSESSOR AND VESSEL INFORMATION

Qualified Assessors witnessing the successful demonstrations noted in this record should provide the information below relative to their service with the candidate, including their Mariner Reference Number.

Vessel Name	Gross Tonnage (Note GRT or GT)	Dates of Service		Assessor Name	Assessor Signature	Sample Initials of Assessor	Assessor Mariner Ref. No.	Assessor Shipboard Position
		From	To					
M/V Nilbog	453 GT	04/01/2012	07/07/2012	Douglas Herrick	<i>Douglas Herrick</i>	<i>DH</i>	1234567	Master

