

TABLE A-_____ Record of Assessment
Specification of minimum standard of competence in _____

Name _____ Soc. Sec. No. ____ / ____ / ____

Column 1 STCW Competence	Column 2 Performance Objectives	Column 3 Performance Measures (Mariner knowledge or action including consequences of same) Demonstration or Oral/Written Exam	Column 4 Performance Standards (Criteria against which performance is measured)	Date Of Assessment	Assessor's Initials	T / P
1. Steer the ship and comply with helm orders also in the English Language	1.1 Use magnetic and gyro-compasses	1.1.1 Describe the difference between true and magnetic north.	1.1.1-4 Candidate must successfully complete a written examination with a 70% accuracy or better.		O	T
		1.1.2 Identify the differences between gyro compass, gyro repeater and magnetic compass.				
		1.1.3 Know the difference in the readings of the gyro and magnetic compass.				
		1.1.4 Describe the back up function of the magnetic compass				
		1.1.5 Compare and report course by gyro and magnetic after course change.	1.1.5 Correctly report course after course change by gyro and magnetic compass.			P
		1.1.6 Compare and report course by gyro and magnetic at time intervals specified by standing orders.	1.1.6 Correctly report at specified time intervals contained in the standing orders, but not to exceed 15 minutes.			P
		1.1.7 Report course by gyro and magnetic to the watch officer when changes in compared headings are	1.1.7 Correctly report changes in compared heading.			P

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		noted.				
		1.1.8 Steer by gyro compass.	1.1.8 Maintain heading of +/- 3° (open oceans), and +/- 2° (shallow waters).			P
		1.1.9 Steer by magnetic compass.	1.1.9 Maintain heading of +/- 5° (open ocean), and +/- 3 (shallow waters)			P
	1.2 Helm Orders	1.2.1 The candidate will have knowledge of the crew members responsible for night orders.	1.2.1-2 Candidate must successfully complete a written examination with 70% accuracy or better.			T
		1.2.2 The candidate will know the responsibility of the wheel watch when navigating through a channel or harbor with the aid of a pilot.				
		1.2.3 Repeat helm commands as given.	1.2.3 Helm command is repeated exactly as given using standard nomenclature.			P
		1.2.4 Execute course change.	1.2.4 a. Applies correct amount of rudder to maintain a controllable			P

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			turn rate. b. Approaches ordered course and reports turn rate. c. Checks swing and applies counter rudder as needed. d. Steady-up on ordered course.			P
		1.2.5 Execute helm order.	1.2.5 Complies with standard helm orders.			P
		1.2.6 Report helm order.	1.2.6 Reports compliance with command.			P
	1.3 Change-over from Automatic pilot to hand steering and vice versa.	1.3.1 Change over steering pumps or motors. 1.3.2 Engage/disengage autopilot. 1.3.3 Engage/disengage non-follow-up unit (NFU).	1.3.1-3 Shift between steering modes during 30 minutes of helm time at sea speed.			P
2. Keep a proper lookout by sight and	2.1 Responsibilities of a look-out, including reporting	2.1.1 The candidate will know the duties and responsibilities of a lookout.	2.1.1 Candidate must successfully complete a written examination with a 70% accuracy or better.			T

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steering.	the approximate bearing of a sound signal, light or other object in degrees or points.	2.1.2 Report a minimum of three (3) surface objects using degrees. 2.1.3 Report a minimum of three (3) surface objects verbally. 2.1.4 Report a minimum of three (3) surface objects verbally.	2.1.2-4 Verbal reports should be given by the candidate which include: a. What has been sighted; b. Where it is located (bearings, relative or true); c. How far. All reports must be accurate to within +/- two (2) points or 22 1/2° of the actual bearing of the target.			P
3. Contribute to monitoring and controlling a safe watch.	3.1 Shipboard terms and definitions.	3.1.1 Define basic nautical terms. 3.1.2 Identify the basic parts of the anchor. 3.1.3 Identify parts of the ground tackle.	3.1.1-5 Candidate must successfully complete a written examination with a 70% accuracy or better.			T

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	<p>3.2 Use of appropriate internal communications and alarm systems.</p> <p>3.3 Ability to understand orders and to communicate with the officer of the watch in matters relevant to</p>	<p>3.1.4 Identify deck fittings used to secure mooring lines.</p> <p>3.1.5 Identify common knots used aboard a vessel.</p> <p>3.2.1 Describe the types of communications systems found on a ship</p> <p>3.2.2 Identify emergency alarm signals and distress calls.</p> <p>3.2.3 Demonstrate the use of internal communications (sound-powered telephone, walkie-talkie, etc.)</p> <p>3.3.1 Lookout: Accurately report information to the bridge while standing lookout watch.</p>	<p>3.2.1-2 Candidate must successfully complete a written examination with a 70% accuracy or better.</p> <p>3.2.3 Report sighting verbally using degrees on a sound powered telephone or walkie-talkie).</p> <p>3.3.1 Lookout: Report everything sighted in vector without hesitation, estimating relative bearing, range, position angle and target angle.</p>			<p>T</p> <p>P</p> <p>P</p>

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		3.4.2 Helmsman: Demonstrate the procedure for hem watch relief, to include the transfer of required information.	iii. Past and Present weather iv. Any special instructions; v. Brief description of watch activities; vi. Status of navigational lights. 3.4.2 Helmsman: Information should include: i. Course; ii. Mode of operation; iii. Speed; iv. Steering unit; v. Vessel heading; vi. Rudder needed; vii. Steering motor changes; viii. Officer of the watch; ix. Night orders x. Relieve the helm with no rudder on. xi. Do not relieve the wheel during a maneuver. xii. Report to the officer of the watch after being relieved.			P
	3.5 Information required to maintain	3.5.1 Lookout: Demonstrate the ability to obtain	3.5.1 Lookout: Information should include:			P

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	a safe watch.	information necessary to maintain a safe watch. 3.5.2 Helmsman: Demonstrate the ability to obtain information necessary to maintain a safe watch.	i. Location of any sightings; ii. Sightings previously reported; iii. Past and present weather; iv. Any special instructions; v. Brief description of watch activities; vi. Status of navigational lights. 3.5.2 Helmsman: Information should include: i. Course; ii. Mode of operation; iii. Speed; iv. Steering unit; v. Vessel heading; vi. Rudder needed; vii. Steering motor changes; viii. Officer of the watch; ix. Night orders; x. Any special instructions; xi. Brief description of watch activities.			P
	3.6 Basic environmental	3.6.1 Discuss standard practices and environmental procedures to	3.6.1-3 Candidate must successfully complete a written examination			T

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4. Operate emergency equipment and apply emergency procedures.	protection procedures.	include: i. Oil pollution; ii. Liquid noxious substances; iii. Harmful substances; iv. Sewage; v. Garbage 3.6.2 Recognize shipboard conditions that contribute to oil spills and oil pollution. 3.6.3 Describe the effects of oil pollution.	with a 70% accuracy or better.			
	4.1 Knowledge of emergency duties and alarm signals.	4.1.1 Describe the information found on the station bill. 4.1.2 Identify emergency alarm signals and distress calls.	4.1.1 Students must successfully complete a written examination with a 70% accuracy or better. 4.1.2 Identify alarms and distress calls.			T P
	4.2 Knowledge of pyrotechnics distress signals, satellite	4.2.1 Describe the components, frequency and transmission methods of an emergency radio.	4.2.1-4 Candidate must successfully complete a written examination with a 70% accuracy or better.			T

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	EPIRBs and SARTs.	<p>4.2.2 Describe the frequency and transmission modes, maintenance and deployment methods of an EPIRB.</p> <p>4.2.3 Describe the types of pyrotechnic signals used and during daylight and darkness.</p> <p>4.2.4 Describe the information found in the Table of Lifesaving Signals.</p>				
	4.3 Avoidance of false distress alerts and action to be taken in event of accidental activation.	4.3.1 Candidate understands procedures to avoid false distress signals, and the proper procedures when they occur.	4.3.1 Student must successfully complete a written examination with a 70% accuracy or better.			T

T/P Column – T designates that this competency will be evaluated with a written test question and is not evaluated on this form but the score will be marked on the last sheet of this form, P designates that this competency will be evaluated with a practical skills evolution.

