

U.S. Department of Labor Employment and Training Administration Office of Apprenticeship Training, Employer and Labor Services (OATELS) Washington, D.C. 20210	<u>Distribution:</u> National Office All Field Tech SD+RD+SAC+; Lab.Com	<u>Subject:</u> New Apprenticeable Occupation - Able Seaman <u>Code:</u> 200
Symbols: DSNIP/FG		Action: Immediate

PURPOSE: To inform the Office of Apprenticeship Training, Employer and Labor Services (OATELS), Bureau Apprenticeship and Training (BAT) Staff of a new apprenticeable occupation:

Able Seaman
 RAIS Code: 1043
 O*NET Code: 53-5011.01
 Training Term: 2,760 hours
 Type of Training: Time - based

BACKGROUND: OATELS' Division of Standards and National Industry Promotion initiated the apprenticeability request for this occupation.

The Able Seaman stands watch at bow or on wing of bridge to look for obstructions in the path of the vessel. He/She turns wheel on bridge or uses emergency steering apparatus to steer vessel as directed by the Mate. The Able Seaman overhauls lifeboats, and lifeboat gear and lowers or raises lifeboats with winch or falls. Other task includes painting and chipping rust on the deck or superstructure of the ship. **A Qualified Able Seaman must hold a certificate issued by U.S. Coast Guard.** When working aboard vessels carrying liquid cargoes, the Able Seaman must hold a tanker operator's certificate. An Able Seaman may stow or remove cargo from ship's hold.

Assessment Sheets for Navigational Watch, a suggested work process schedule and related instruction outline are attached for your review.

Able Seaman will be added to the list of occupations recognized as apprenticeable by the Office of Apprenticeship Training, Employer and Labor Services when the list is reissued.

ACTION: BAT staff should review and retain a copy of this bulletin, including all attachments, as a source for developing apprenticeship standards and/or providing technical assistance.

Attachment

WORK PROCESS SCHEDULE
ABLE SEAMAN (water transportation)
 O*NET Code: 53-5011.01 RAIS Code: 1043

DESCRIPTION: Stands watch at bow or on wing of bridge to look for obstructions in path of vessel. Turns wheel on bridge or uses emergency steering apparatus to steer vessel as directed by Mate. Overhauls lifeboats and lifeboat gear and lowers or raises lifeboats with winch or falls. Paints and chips rust on deck or superstructure of ship. Must hold certificate issued by U.S. Coast Guard. When working aboard vessels carrying liquid cargoes must hold tanker operator's certificate. May stow or remove cargo from ship's hold.

<u>WORK PROCESS</u>	<u>Hours</u>
1. Vessel Familiarization	16
Basic Seamanship (6)	
Personal Safety & Responsibility (3)	
Emergency/Disaster Preparedness (1)	
Vessel Familiarization Tour (6)	
2. Vessel Operations and Maintenance	29
Reporting Aboard, Vessel Safety and Sea Projects (6)	
Basic Marlinespike Seamanship (4.5)	
Basic Deck Operations and Maintenance (4)	
Bridge Operations and Watchstanding (4)	
Valve Maintenance (3)	
Paints and Coatings (5)	
Fueling Operations and Environmental Procedures (3)	
3. <i>Galley Familiarization (optional)</i>	9
Equipment Identification (1)	
Knife Basics (2)	
Breakfast Cookery (2)	
Salad Preparation (2)	
Breads/Review (2)	
4. First Aid & Cardio-Pulmonary Resuscitation (CPR).....	11
Breathing Emergencies (2)	
Adult CPR (4)	
First Aid (3)	
Practical Evaluations (2)	
5. Apply Skills of Basic Fire Fighting	9
Breathing Apparatus Practical (1)	
Practical Exercises and Drills (8)	
6. Apply Skills of Water Survival	26
Propulsion Systems (10)	
Lifeboat Equipment (1)	
Types of Davits (9)	
Launching Procedures for Life rafts (2)	

	Using the Life Raft (2)	
	Survival Methods (1)	
	Signaling (1)	
7.	Physical Education.....	35
	Strength Training (11)	
	Calisthenics (17)	
	Cardiovascular Endurance (6)	
	Teamwork and Safety (1)	
8.	Specially Trained Ordinary Seaman Course (Practicum).....	38
9.	Rating Forming Part of a Navigational Watch/Able Seaman Course (Practicum).....	96
10.	Tanker Familiarization Course (Practicum)(optional).....	19
	Subtotal	260 to 288 hours

ABOARD VESSEL

	Perform 12 months of Deck Watchstanding Time (See Attachment A for Performance Standards).....	2000
	Mops or washes down deck, using hose to remove oil, dirt, and debris.....	90
	Preserves painted surfaces of ship.....	90
	a. Chips and cleans rust spots from deck, superstructure, and sides of ship	
	b. Paints chipped area	
	Maintains lines, running gear, and cargo-handling gear in safe operating condition	100
	Splices wire rope, using marlinespike, wirecutters, and twine	96
	Overhauls lifeboats and lifeboat gear and lowers or raises lifeboats with winch or falls	96
	Subtotal	2472
	GRAND TOTAL	2732 to 2760 hours

RELATED TECHNICAL INSTRUCTION
Phase I (Twelve-Week Vocational Curriculum)
ABLE SEAMAN (water transportation)
O*NET Code: 53-5011.01 RAIS Code: 1043

1. Shipboard Sanitation	20
2. <i>Galley Familiarization (optional)</i>	12
3. First Aid & Cardio-Pulmonary Resuscitation (CPR).....	10
4. Basic Fire Fighting	21
5. Industrial Relations I.....	20
6. Water Survival	34
7. Vessel Familiarization	42
(Including emergency/disaster preparedness – 3 hrs)	
8. Vessel Operations and Maintenance	17
9. Physical Education.....	5
10. Social Responsibilities	27
TOTAL Hours.....	196 to 208 hours

Phase III - Specialized Deck Department Training

1. Specially Trained Ordinary Seaman	32
Anchoring (1.75)	
Mooring the Vessel with Mooring Lines (2)	
Knot Tying (1)	
Gyro and Magnetic Compasses (1)	
Wheel Watch Requirements (.5)	
Error Chain Analysis and Pilot Interactions (1.5)	
Helm Control (1)	
Rules of the Road (7)	
IALA Buoy Systems (8)	
Communications (2)	
Helm Watch Relief (1)	

Lookout Watch (2)	
Examination (2.5)	
Review and Critique (0.5)	
2. Tanker Familiarization Course (optional).....	44
Introduction and Regulations and Codes (5)	
Cargo Characteristics (3)	
Ship Design and Equipment (11)	
Ships Operations (3)	
Repair and Maintenance (3)	
Emergency Operations (7)	
Hazardous Waste Operations (6)	
Enclosed Space Awareness (3)	
Final Examination and Course Critique (3)	
3. Government Vessels Course (optional)	80
Introduction to Government Vessels	
GV Damage Control, GV Forklift, GV Under Replenishment, GV Vertical Replenishment,	
GV Crane Operations, GV Cargo Handling	
Chemical, Biological, Radiological Defense	
Anti-Terrorism	
Environmental Awareness	
TOTAL.....	156

Phase IV

Rating Forming Part of a Navigational Watch/Able Seaman Course.....**62**

- Introduction (.25)
- Ship Construction and Terminology (3.75)
- Bridge Equipment and Instrumentation (3)
- Magnetic and Gyro Compass (3)
- Bearings and Fixes (4)
- Rules of the Road - International and Inland (15)
- Helmsmanship and Lookout (4)
- Marlinespike Seamanship (3)
- Anchoring (2)
- Mooring (2)
- Aids to Navigation (4)
- Cargo Equipment and Cargo Handling (4)
- Navigation (2)
- Paints and Painting (2)
- First Aid (1.5)
- Fire Fighting (1.5)
- Water Survival (2)
- Course Review and Critique (3)
- Final Examination (4)

Total.....**62**

Grand Total.....**290 to 426 hours**

Attachment A
RATING FORMING PART OF A NAVIGATIONAL WATCH
Assessment Sheet -Page 1 of 21

ASSESSMENT NO. RFPNW-1-1A

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Use of magnetic and gyro-compasses.

TASK: Steady on a new course

PERFORMANCE CONDITION: At full sea speed, while on a northeasterly heading, when hearing the command in English, "Steer 342" (the assessor may select any course desired as long as it is more than 30° from the original heading).

PERFORMANCE BEHAVIOR: Turn the helm to bring the vessel to the new course and steady on the course of 342°.

PERFORMANCE STANDARD:

1. Repeat order.
2. Turn the helm in the direction of the fewest degrees to the ordered course using no more than 15° of rudder.
3. Reduce the rudder angle as the vessel approaches the course.
4. Steady on the course of 342° with less than 5° of overshoot.
5. State: she's steady on three four two.

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

Attachment A
RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-1-1B

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Use of magnetic and gyrocompasses.

TASK: Steer a course by gyrocompass

PERFORMANCE CONDITION: In a sea state of 4 or less, when hearing the command in English, "Steer 342."

PERFORMANCE BEHAVIOR: Use the gyrocompass to steer the course of 342°.

PERFORMANCE STANDARD:

1. Repeat order.
2. When steady on course state: "steering three four two."
3. Steer the course ordered within $\pm 3^\circ$ (open ocean), and $\pm 2^\circ$ (near coastal) for 15 minutes.

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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ASSESSMENT NO. RFPNW-1-1C

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Use of magnetic and gyro-compasses.

TASK: Steer a course by magnetic compass

PERFORMANCE CONDITION: In a sea state of 4 or less, when hearing the command in English, "Steer 342."

PERFORMANCE BEHAVIOR: Use the magnetic compass to steer the course of 342°.

PERFORMANCE STANDARD:

1. Repeat order.
2. When steady on course state: "steering three four two."
3. Steer the course ordered within $\pm 5^\circ$ (open ocean), and $\pm 3^\circ$ (near coastal) for 15 minutes.

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

Attachment A
RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-1-2A

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Helm orders.

TASK: Right (Starboard) 10

PERFORMANCE CONDITION: When hearing the command in English, "Right (Starboard) 10."

PERFORMANCE BEHAVIOR: Turn the helm until the rudder is right (starboard) 10°.

PERFORMANCE STANDARD:

1. Repeat order.
2. Immediately turn helm to right (starboard).
3. Stop turning the helm when the rudder angle indicator reads right (starboard) 10°.
4. State: "the rudder is right (starboard) 10", or "she's right (starboard) 10°."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-1-2B

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Helm orders.

TASK: Left (Port) 20

PERFORMANCE CONDITION: When hearing the command in English, "Left (Port) 20."

PERFORMANCE BEHAVIOR: Turn the helm until the rudder is left (port) 20°.

PERFORMANCE STANDARD:

1. Repeat order.
2. Immediately turn helm to left (port).
3. Stop turning the helm when the rudder angle indicator reads left (port) 20°.
4. State: "the rudder is left (port) 20", or "she's left (port) 20°."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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ASSESSMENT NO. RFPNW-1-2C

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Helm orders.

TASK: Hard right (Starboard)

PERFORMANCE CONDITION: When hearing the command in English, "Hard right (Starboard)."

PERFORMANCE BEHAVIOR: Turn the helm to the right (starboard) until the rudder is at maximum right (starboard) rudder.

PERFORMANCE STANDARD:

1. Repeat order
2. Immediately turn helm to right (starboard).
3. Stop turning the helm when the rudder angle indicator reads the rudder is at maximum right (starboard) rudder.
4. The rudder is not jammed against the stops.
5. State: "the rudder is hard right (starboard)", or she's hard right (starboard)."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-1-2D

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Helm orders.

TASK: Ease to 5

PERFORMANCE CONDITION: When the rudder is more than 5° right (starboard) or left (port), when hearing the command in English, "Ease to 5."

PERFORMANCE BEHAVIOR: Turn the helm to reduce the angle of the rudder until the indicator shows the rudder angle is right (starboard) or left (port) 5°.

PERFORMANCE STANDARD:

1. Repeat order.
2. Immediately turn helm to reduce the rudder angle.
3. Stop turning the helm when the rudder angle indicator shows the rudder angle is right (starboard) or left (port) 5°.
4. State: "the rudder is right (starboard) or left (port) 5°."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-1-2E

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Helm orders.

TASK: Midships; or, midships the wheel

PERFORMANCE CONDITION: When hearing the command in English, "Midships."

PERFORMANCE BEHAVIOR: Turn the helm to reduce the angle of the rudder until the rudder angle indicator shows the rudder angle is zero.

PERFORMANCE STANDARD:

1. Repeat order.
2. Immediately turn helm to reduce the rudder angle.
3. Stop turning the helm when the rudder angle indicator shows the rudder angle is zero.
4. State: "the rudder is midships."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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ASSESSMENT NO. RFPNW-1-2F

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Helm orders.

TASK: Shift your rudder

PERFORMANCE CONDITION: With the rudder at 15° right (starboard) rudder, when hearing the command in English, "Shift your Rudder."

PERFORMANCE BEHAVIOR: Turn the helm to the left (port) until the indicator shows the rudder angle is left (port) 15°.

PERFORMANCE STANDARD:

1. Repeat order.
2. Immediately turn helm to the left (port).
3. Stop turning the helm when the rudder angle indicator shows the rudder angle is left (port). 15°.
4. State: "the rudder is left (port) 15°."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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ASSESSMENT NO. RFPNW-1-2G

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Helm orders.

TASK: Meet her or, check her

PERFORMANCE CONDITION: During a turn, when hearing the command in English, "Meet Her," or "Check Her."

PERFORMANCE BEHAVIOR: Turn the helm to reduce the angle of the rudder and apply counter rudder until the vessel stops turning.

PERFORMANCE STANDARD:

1. Repeat order.
2. Immediately turn helm to reduce the rudder angle.
3. Apply counter rudder until the vessel stops turning.
4. Ease the wheel to midships.
5. State: "the vessel's heading is ____."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-1-2H

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Helm orders.

TASK: Steady as she goes

PERFORMANCE CONDITION: When hearing the command in English, "Steady as She Goes."

PERFORMANCE BEHAVIOR: Note the heading of the vessel, stop any swing of the ship, and steer in the direction noted when the command was given.

PERFORMANCE STANDARD:

1. Repeat order.
2. Note the heading when the command was given.
3. Immediately apply rudder to stop any swing of the ship.
4. Steer in the direction noted.
5. State: she's steady as she goes.

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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ASSESSMENT NO. RFPNW-1-21

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Helm orders.

TASK: Steer on the range

PERFORMANCE CONDITION: When hearing the command in English, "Steer on the range."

PERFORMANCE BEHAVIOR: Keep the vessel's heading the same as the direction of the range.

PERFORMANCE STANDARD:

1. Repeat order.
2. Use the upper and lower range to keep the vessel's heading within 1° of the charted direction of the range for 5 minutes when the upper and lower ranges are aligned one over the other.

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-1-2J

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Helm orders.

TASK: Nothing to the right (Starboard)

PERFORMANCE CONDITION: When hearing the command in English, "Nothing to the right (Starboard)" [nothing to the left (port) may also be used].

PERFORMANCE BEHAVIOR: **Keep the vessel from swinging to the right (starboard) and the vessel's heading from increasing (or decreasing).**

PERFORMANCE STANDARD:

1. The vessel does not swing to the right (starboard).
2. The vessel's heading does not increase for 5 minutes.

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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ASSESSMENT NO. RFPNW-1-3A

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Change over from automatic pilot to hand steering and vice versa.

TASK: Change from auto pilot to hand steering

PERFORMANCE CONDITION: At sea speed, when hearing the command to put the steering into hand steering.

PERFORMANCE BEHAVIOR: Change the steering mode from auto pilot to hand steering.

PERFORMANCE STANDARD:

1. Repeat order.
2. Switch the steering mode from autopilot to hand.
3. Test that the new steering mode is responding.
4. State, "She's in hand steering."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-1-3B

FUNCTION: Navigation at the Support Level

COMPETENCE: Steer the ship and comply with helm orders in the English language

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Change over from automatic pilot to hand steering and vice versa.

TASK: Change from hand steering to auto pilot

PERFORMANCE CONDITION: At sea speed, when hearing the command to put the steering into auto pilot.

PERFORMANCE BEHAVIOR: Change the steering mode from hand steering to auto pilot.

PERFORMANCE STANDARD:

1. Repeat order.
2. Put wheel amidships.
3. Verify the course dialed into the auto pilot is the same as the course to be steered.
4. Switch the steering mode from hand to auto pilot.
5. Verify that the autopilot is responding properly.
6. State, "She's in auto pilot."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

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RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-2-1A

FUNCTION: Navigation at the Support Level

COMPETENCE: Keep a proper look out by sight and hearing

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Responsibilities of lookout, including reporting the approximate bearing of a sound signal, light or other object in degrees or points.

TASK: Detect and report objects in daylight

PERFORMANCE CONDITION: On a ship or full mission ship simulator, given a condition in daylight of unlimited visibility through a field of view from right ahead to 22.5 degrees abaft the beam on each side of the vessel and a sea state of four or less, and a large and small vessel and a buoy in sight.

PERFORMANCE BEHAVIOR: Detect and report all three objects.

PERFORMANCE STANDARD:

1. Reports the large vessel before it is within ten miles of own ship.
2. Reports the small vessel before it is within 2 miles of own ship.
3. Reports the buoy before it is within 2 miles of own ship.
4. Report the direction to all objects in degrees or points within ± 1 point or $\pm 11.25^\circ$.

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

Attachment A
RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-2-1B

FUNCTION: Navigation at the Support Level

COMPETENCE: Keep a proper look out by sight and hearing

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Responsibilities of lookout, including reporting the approximate bearing of a sound signal, light or other object in degrees or points.

TASK: Detect and report objects at night

PERFORMANCE CONDITION: On a ship or full mission ship simulator, given a condition at night of unlimited visibility through a field of view from right ahead to 22.5 degrees abaft the beam on each side of the vessel and a sea state of four or less, and a large and small vessel and a buoy in sight.

PERFORMANCE BEHAVIOR: Detect and report all three objects.

PERFORMANCE STANDARD:

1. Reports the lights the large vessel before it is within ten miles of own ship.
2. Reports the lights of the small vessel before it is within 2 miles of own ship.
3. Reports the light of the buoy before it is within 2 miles of own ship.
4. Report the direction to all objects in degrees or points within ± 1 point or $\pm 11.25^\circ$.

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

Attachment A
RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-2-2A

FUNCTION: Navigation at the Support Level

COMPETENCE: Keep a proper look out by sight and hearing

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Responsibilities of lookout, including reporting the approximate bearing of a sound signal, light or other object in degrees or points.

TASK: Detect and report sounds

PERFORMANCE CONDITION: On a ship or full mission ship simulator, in any condition of visibility, when a sound is generated by any sound appliance listed in the International Navigation Rules.

PERFORMANCE BEHAVIOR: Detect and report the direction of the sound.

PERFORMANCE STANDARD:

Report the direction of the sound in degrees or points within ± 1 point or $\pm 11.25^\circ$.

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

Attachment A
RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-3-1A

FUNCTION: Navigation at the Support Level

COMPETENCE: Contribute to monitoring and controlling a safe watch

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Procedures for the relief, maintenance and hand over of a watch.

TASK: Hand over a lookout watch

PERFORMANCE CONDITION: On a ship at sea, given traffic that has been reported to the officer of the watch, when the lookout relief reports to relieve the watch.

PERFORMANCE BEHAVIOR: Hand over the watch in accordance with the ordinary practice of good seamanship.

PERFORMANCE STANDARD:

1. Tell the relief of:
 - a. All objects sighted and reported;
 - b. Objects sighted and not yet reported;
 - c. Past and present weather;
 - d. Any special instructions to be followed during the watch; and
 - e. The status of the running lights.
2. The candidate allowed the lookout relief to acquire his or her night vision.
3. Report " the lookout is relieved."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

Attachment A
RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-3-1B

FUNCTION: Navigation at the Support Level

COMPETENCE: Contribute to monitoring and controlling a safe watch

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Procedures for the relief, maintenance and hand over of a watch.

TASK: Hand over a helm watch

PERFORMANCE CONDITION: On a ship at sea, when being relieved at the helm.

PERFORMANCE BEHAVIOR: Hand over the helm in accordance with the ordinary practice of good seamanship.

PERFORMANCE STANDARD:

1. Tell the relief:
 - a. Both the gyro and magnetic course or helm position.
 - b. The steering mode
 - c. The steering unit in use.
 - d. The amount and direction of rudder needed to hold course.
2. The candidate does turn over the helm while executing a helm order (the candidate waits until the order is completed).
3. The helmsman states, "the wheel (or helm) is relieved."

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date

Attachment A
RATING FORMING PART OF A NAVIGATIONAL WATCH
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ASSESSMENT NO. RFPNW-3-2A

FUNCTION: Navigation at the Support Level

COMPETENCE: Contribute to monitoring and controlling a safe watch

KNOWLEDGE, UNDERSTANDING & PROFICIENCY: Use of appropriate internal communications and alarm systems.

TASK: Report alarms

PERFORMANCE CONDITION: On a ship at sea.

PERFORMANCE BEHAVIOR: Notify the officer of the watch when hearing the following alarms:

1. The ARPA guard ring intrusion alarm;
2. The gyro-compass failure alarm;
3. Smoke and/or heat detector alarms;
4. Running Light panel alarms;
5. The steering motor failure alarm; and,
6. The steering pump failure alarm.

PERFORMANCE STANDARD:

1. Immediately report each alarm to the Officer in Charge of the Watch.
2. In the case of steering failures, immediately after notifying the Officer in Charge of the Watch:
 - a. If not in hand steering, switch the steering to hand;
 - b. Midship the wheel;
 - c. Switch the motor or pump;
 - d. Test the steering response; and,
 - e. When ordered by the watch officer, switch the steering to autopilot.

Candidate

SSN

Assessor

Position

Vessel or Course

License No.

Date