

Task No./Name	STCW Competence	Knowledge, Understanding, and Proficiency	Performance Condition	Performance Behavior	Performance Standard
17.1.A International Conventions	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	When asked by a qualified assessor,	the candidate describes legislative requirements relating to safety of life at sea, security and protection of the marine environment.	The candidate describes appropriate legislative requirements.
18.1.A Duties and responsibilities of shipboard personnel	Application of leadership and team working skills	Working knowledge of shipboard personnel management and training	On board ship or in an approved training program,	the candidate describes the basic duties and responsibilities of vessel personnel.	<p>The candidate describes the duties and responsibilities of the following:</p> <ol style="list-style-type: none"> <li>1. Master;</li> <li>2. Deck department including: <ol style="list-style-type: none"> <li>a. Chief Mate;</li> <li>b. Second Mate;</li> <li>c. Third Mate;</li> <li>d. Bosun</li> <li>e. Able Seamen; and</li> <li>f. Entry Level Deck;</li> </ol> </li> <li>3. Engine department including: <ol style="list-style-type: none"> <li>a. Chief Engineer;</li> <li>b. First Assistant Engineer;</li> <li>c. Second Assistant Engineer;</li> <li>d. Third Assistant Engineer;</li> <li>e. QMEDs; and</li> <li>f. Entry Level Engine; and</li> </ol> </li> <li>4. Steward's department including: <ol style="list-style-type: none"> <li>a. Chief Steward;</li> <li>b. Chief Cook; and</li> <li>c. Entry Level Steward's Department.</li> </ol> </li> </ol>

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18.2.A Maritime conventions and national legislation	Application of leadership and team working skills	A knowledge of related international maritime conventions and recommendations, and national legislation	On board ship or in an approved training program,	the candidate describes the basic international maritime conventions and national regulations.	<p>The candidate describes the following:</p> <ol style="list-style-type: none"> <li>1. International Convention for the Safety of Life at Sea (SOLAS);</li> <li>2. International Ship and Port Facility Security Code (ISPS);</li> <li>3. International Safety Management Code (ISM);</li> <li>4. International Convention on Standards of Training, Certification and Watchkeeping for Seafarers 1978, as amended (STCW);</li> <li>5. MARPOL 73/78 and its Annexes;</li> <li>6. Oil Pollution Act of 1990 (OPA 90);</li> <li>7. United States laws and regulations on inspection and manning of vessels;</li> <li>8. United States laws and regulations on shipment and discharge of seamen;</li> <li>9. U.S. Coast Guard chemical testing requirements (46 CFR Part 16);</li> <li>10. Department of Transportation Hazardous Materials training requirements; and</li> <li>11. Onboard contracts, including labor contracts.</li> </ol>

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18.3.A Task and workload management	Application of leadership and team working skills	Ability to apply task and workload management, including: .1 planning and co-ordination .2 personnel assignment .3 time and resource constraints .4 prioritization	On board ship or in a full mission bridge simulator, during a pilot boarding operation as an OICNW under the direct supervision of the watch's assigned OICNW,	the candidate performs the duties of an OICNW.	The duties performed include: 1. Planning and scheduling the order of events in anticipation of the pilot boarding; 2. Giving or checking helm orders as per the Master's direction; 3. Operating signal devices (flags, signal lights, radio communications, etc.) as directed by the Master; and 4. Assigning and calling out personnel so that equipment is safely rigged and/or unrigged as needed.

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18.4.A Resource management	Application of leadership and team working skills	<p>Knowledge and ability to apply effective resource management:</p> <p>.1 Allocation, assignment, and prioritization of resources</p> <p>.2 Effective communication onboard and ashore</p> <p>.3 Decisions reflect consideration of team experiences</p> <p>.4 Assertiveness and leadership, including motivation</p> <p>.5 Obtaining and maintaining situational awareness</p>	On board a vessel,	the candidate supervises a mooring, unmooring, or anchoring operation on the ship's bow or stern, under the supervision of the normally assigned supervisor.	<p>The candidate's satisfactorily performs the following duties:</p> <ol style="list-style-type: none"> <li>1. Reviewing the overall plan with the Chief Mate or Master, as appropriate for the operation to be conducted;</li> <li>2. Checking the assigned equipment to ensure that it is ready for use;</li> <li>3. Briefing the assigned crewmembers on the group's assignment, visual, verbal and/or other signals that will be used and any special procedures or events that may concern them;</li> <li>4. Delegating tasks to each of the assigned crewmembers, briefing them about any special procedures or events that may concern them;</li> <li>5. Establishing and maintaining communications with bridge, team and shore personnel;</li> <li>6. Showing situational awareness by noting to the supervisor items of importance such as the location of any tugs within the candidate's area of responsibility, potential hazards that each team member may encounter, equipment available; and</li> <li>7. Actively managing the assigned crewmembers by walking around, motivating them to work safely and efficiently, and maintaining communications with all personnel involved while anticipating and mitigating any hazards.</li> </ol>

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18.5.A Decision making techniques	Application of leadership and team working skills	<p>Knowledge and ability to apply decision-making techniques:</p> <p>.1 Situation and risk assessment</p> <p>.2 Identify and consider generated options</p> <p>.3 Selecting course of action</p> <p>.4 Evaluation of outcome effectiveness</p>	On board a vessel, during a fire or emergency simulation,	the candidate supervises a fire or emergency team under the supervision of the normally assigned supervisor.	<p>The candidate:</p> <ol style="list-style-type: none"> <li>1. Briefs the team on the situation, the approach to remedying the simulated emergency, and the procedures to be executed;</li> <li>2. Delegates tasks to each of the assigned crewmembers, briefing them about any special procedures or events that may concern them;</li> <li>3. Checks the assigned crewmembers to ensure that they are using personal protective equipment (PPE) correctly and appropriately;</li> <li>4. Checks the assigned crewmembers to ensure that they have made available any equipment that will be needed to accomplish the assigned tasks, both team and individual;</li> <li>5. Executes the generated plan to handle the emergency simulation; and</li> <li>6. Participates in the post-simulation critique and presents the positive results of the simulation, the negative findings of the simulation, and makes recommendations to improve procedures, equipment availability, and personnel training.</li> </ol>

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