

**TOAR
Program**

DE Sign	Task No.	Task Category	TASK & ASSESSMENT GUIDANCE	Assessment Category	Notes
No	A 1	Complete Onboard Tug	<p>Locate and demonstrate use of firefighting equipment DE: Have the mariner draw a diagram locating all firefighting equipment aboard the vessel or conduct a tour indicating its location. Have the mariner briefly describe this equipment and its proper use.</p>	Vessel Familiarization	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	A 2	Complete Onboard Tug	<p>Locate and demonstrate use of life-saving equipment DE: Have the mariner draw a diagram locating / all life-saving equipment aboard the vessel or , conduct a tour indicating its location. Have the mariner briefly describe this equipment and its proper use.</p>	Vessel Familiarization	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center

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No	A 4	Complete Onboard Tug	Describe and follow vessel fuel transfer Procedures DE: Have the mariner locate the transfer procedures And describe the responsibilities of the mate/pilot as prescribed by the vesselspecific procedures. Have the mariner participate in a fuel transfer following the transfer procedures.	Vessel Familiarization	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	A 5	Complete Onboard Tug	Identify physical Characteristics of vessel and tow DE: Have the mariner provide a brief description, including the length, breadth, draft, and highest fixed point of vessel and tow; describe the tow configuration and cargoes; and identify the location of any hazardous cargo in the tow	Vessel Familiarization	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	A 6	Complete Onboard Tug	Conduct safety orientations for new crewmembers DE: Have the mariner conduct a safety orientation as prescribed by company policy or the vessel captain. Have the mariner identify firefighting and emergency equipment and points of egress	Vessel Familiarization	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	A 8	Complete Onboard Tug	Secure vessel and tow for sea	Vessel Familiarization	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	A 8-A	Complete Onboard Tug	Ensure watertight integrity DE: Have the mariner secure doors, hatches, and any other openings that would adversely affect the watertight integrity of the vessel and tow.	Vessel Familiarization	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	A 8-B	Complete Onboard Tug	Stowing the deck gear DE: Have the mariner secure the deck gear on the vessel and tow, including fines, wires, shackles, anchoring gear, safety gear, and any loose items.	Vessel Familiarization	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	A 9	Complete Onboard Tug	Operate towing gear DE: Have the mariner describe every component of the towing gear and its step-bystep operation. Have the mariner demonstrate the safe and proper use of this equipment in connecting and letting go. Inspect towing gear	Vessel Familiarization	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	A10	Complete Onboard Tug	Inspect towing gear DE: Have the mariner inspect the towing gear on the vessel and tow and document the inspection according to 33 CFR164.74	Vessel Familiarization	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center

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No	F 1-A	Complete Onboard Tug	Steering failure DE: Have the mariner describe the actions to be taken in the event of a steering failure. The actions should follow regulatory requirements for casualty reporting, company policies or practices, captain's standing orders, and/or the mariner's training and experience. Have the mariner demonstrate these actions during a simulated steering failure.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 1-B	Complete Onboard Tug	Loss of electrical power DE: Have the mariner describe the actions to be taken in the event of the loss of electrical power. The actions should follow regulatory requirements for casualty reporting, company policies or practices, and/or the mariner's training and experience. Have the mariner demonstrate these actions during a simulated loss of electrical power.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 1-C	Complete Onboard Tug	Loss of propulsion DE: Have the mariner describe the actions to be taken in the event of the loss of propulsion. The actions should follow regulatory requirements for casualty reporting, company policies or practices, and/or the mariner's training and experience. Have the mariner demonstrate these actions during a simulated loss of propulsion.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 1-D	Complete Onboard Tug	Collision/Allision DE: Have the mariner describe action that could be taken to mitigate a collision or allision in the following situations: meeting, crossing, overtaking, bridge strikes, and dock strikes. The actions taken should be consistent with the vessel's operating characteristics, regulatory requirements for casualty reporting and applicable Rules of the Road, and company policies or practices.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 1-E	Complete Onboard Tug	Grounding DE: Have the mariner describe the actions to be taken in the event of a grounding. The actions should follow regulatory requirements for casualty reporting, company policies or practices, captain's standing orders, and/or the mariner's training and experience. Have the mariner demonstrate these actions during a simulated grounding.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 1-F	Complete Onboard Tug	Personnel injury DE: Have the mariner describe the actions to be taken in the event of a personnel injury. The actions should follow company policies or practices, captain's standing orders, the mariner's training and experience, and regulatory requirements for casualty reporting. Have the mariner demonstrate these actions during a simulated personnel injury.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center

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No	F 1-G	Complete Onboard Tug	Oil or hazardous substance spill DE: Have the mariner locate the vessel response plan or company procedures for response to an oil or hazardous substance spill. Have the mariner describe the regulatory requirements and company policies for reporting a spill and his/her responsibilities under the plan.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 1-H	Complete Onboard Tug	Man overboard DE: Have the mariner describe the actions to be taken in the event of a man overboard situation. The actions should follow company policies or practices, captain's standing orders, and/or the mariner's training and experience. Have the mariner demonstrate these actions during a simulated man overboard situation.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 2	Complete Onboard Tug	Conduct fire drill and instruction per 46 CFR 27.355 DE: Have the mariner describe the actions to be taken in the event of a fire. The actions should follow company policies or practices, captain's standing orders, the mariner's training and experience, and regulatory requirements for casualty reporting. Have the mariner conduct a fire drill and provide instruction per 46 CFR 27.355.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 3	Complete Onboard Tug	Describe procedures for abandoning ship DE: Have the mariner describe vessel procedures for abandoning ship. Have the mariner demonstrate these actions in a simulated scenario (for example, flooding/sinking, fire, etc.).	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 5	Complete Onboard Tug	Describe procedures for use of general alarm:	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 6	Complete Onboard Tug	Describe procedures for use of all on-board safety equipment DE: Have the mariner draw a diagram locating all safety equipment aboard the vessel (for example, personal protective equipment, first-aid or trauma kits, etc.) or conduct a tour indicating its location. Have the mariner briefly describe this equipment and its proper use.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center
No	F 7	Complete Onboard Tug	Conduct barge retrieval drill per 33 CFR 155.230 (b)(2)(iv) (if applicable) DE: Have the mariner describe the actions to be taken in the event of a barge adrift. The actions should follow regulatory requirements for casualty reporting, company policies or practices, captain's standing orders, and/or the mariner's training and experience. Have the mariner demonstrate these actions during a simulated barge adrift situation.	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center

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No	F 8	Complete Onboard Tug	<p>Conduct actual anchoring or drill per 33 CFR 155.230 (b)(1)(iii) (if applicable) (b)(1)(iii) Training. On each manned barge, every crewmember must be thoroughly familiar with the operation of the system. On each vessel towing an unmanned barge, every deck crewmember must be thoroughly familiar with the operation of the system installed on the barge. If during the last 12 months the system was not used to anchor or arrest the movement of the barge, then a drill on the use of the system must be conducted within the next month. The drill need not involve actual deployment of the system. However, it must allow every participant to demonstrate the competencies (that is, the knowledge, skills, and abilities) needed to ensure that everyone assigned a duty in anchoring or arresting the movement of the barge is ready to do his or her duty.</p>	Safety & Exergency Response	To be done prior to program if possible or onboard the tug. Not signed by DE at STAR Center

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No	C10-A	Presentation 3	Catenary DE: Have the mariner describe catenary and how it affects vessel operations in relation to water depth, weather conditions, proximity to hazards, and handling characteristics. Observe the mariner's response to these conditions to ensure safe navigation of the vessel and tow.	Watchstanding	Simulation 2. For value. Not signed by DE at STAR center
No	C10-B	Presentation 3	Chafing of tow wire or hawser DE: Have the mariner describe the methods to protect the tow wire/hawser from chafing. While underway, ensure that the mariner takes appropriate actions to minimize chafing.	Watchstanding	Simulation 2. For value. Not signed by DE at STAR center
No	D 3	Presentation 4	Make tow	Maneuvering	Simulation 3 For value. Not signed by DE at STAR center
No	D 4	Presentation 4	Break tow	Maneuvering	Simulation 3 For value. Not signed by DE at STAR center
No	D 8	Presentation 4	Transition to or from towing, pushing, and alongside modes DE: Have the mariner describe the procedure for transitioning from one towing mode to another. Have the mariner carry out his or her responsibilities, according to the master's instructions, while transitioning from towing astern to towing alongside or pushing ahead, and from towing alongside or pushing ahead to towing astern.	Maneuvering	Simulation 3 For value. Not signed by DE at STAR center