

Report Date: 14 Apr 2014

**Summary Report for Individual Task
551-88K-4509
Conduct ocean towing operations onboard a vessel
Status: Approved**

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

Condition: As a Small Tug Master/First Mate or a Boatswain aboard a large ocean going tug, **GIVEN:** a large tug, barge, steamboat ratchets, towing lines, towing cables, shackles, and seizing and chafing gear, a completed risk assessment, an Operational Plan/Operations Order (OPLAN/OPORDER), all applicable publications, forms, records, personnel, and equipment in all weather conditions, day or night and all MOPP levels in an Operational Environment (OE) scenario. Some iterations of this task should be performed in MOPP 4.

Standard: Conduct ocean towing operations using numerous types of tows prepared prior to getting underway with zero injury to personnel or damage to equipment.

Special Condition: None

Safety Level: Low

MOPP: Sometimes

Task Statements

Cue: None

DANGER
None

WARNING
None

CAUTION
None

Remarks: None

Notes: None

Performance Steps

1. Supervise the crewmembers preparing the vessel for ocean towing operations.
2. Prior to the towing operation ensure:
 - a. All towing gear is readily available.
 - b. each towing gear is inspected.
 - c. The towing hawser is faked out on the stern of the vessel with the eye of the hawser leading back over the top of the "H" bitt, over the shoulder of the horn, and back through the legs of the bitt.
 - d. Small stuff is available to secure the line.
 - e. ensure chafing gear is readily available.
 - f. Inspect towing lines.
 - g. Inspect spring line.
 - h. Inspects bow line.
 - i. Inspect Stern line.
 - j. Inspect starboard safety line.
 - k. Inspect port safety line.
 - l. Inspect pusher cable for port bitts.
 - m. Inspect pusher cable for starboard bitts.
3. Monitor the tow and tow lines throughout the operation.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the soldier GO if all steps are passed (P). Score the soldier NO-GO if any steps is failed (F), if the soldier fails any step, show what was done wrong and how to do it correctly.

Evaluation Preparation: Ensure that all information, references and equipment required to perform the task are available. Use the FM and the evaluation guide to score the soldier's performance. Brief the soldier. Tell the soldier what he is required to do IAW the task conditions and standards.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Supervised the crewmembers preparing the vessel for ocean towing operations by ensuring:			
a. all towing gear was readily available.			
b. each towing gear was inspected.			
c. the towing hawser was faked out on the stern of the vessel with the eye of the hawser leading back over the top of the "H" bitt, over the shoulder of the horn, and back through the legs of the bitt.			
d. small stuff was available to secure the line.			
e. chafing gear was readily available			
f. towing lines were inspected			
g. spring lines were inspected			
h. bow lines were inspected			
i. stern lines were inspected			
j. safety lines were inspected			
k. pusher cables for port bitts were inspected			
l. pusher cables for starboard bitts were inspected			
2. Monitored the tow and tow lines throughout the operation.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	AR 56-9	Watercraft	Yes	No
	COMDTINST M16672.2C	Navigation Rules - International-Inland	Yes	No
	PUB. NO. 9	The American Practical Navigator - Bowditch	No	No
	TC 4-15.51	MARINE CREWMAN`S HANDBOOK	Yes	Yes

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. Ensure that all safety gear are readily available prior to towing operations.

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-1509	Prepare a Vessel for Inland Towing Operations	551 - Transportation (Individual)	Approved
551-88K-2509	Perform Inland Towing Operations Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-3509	Monitor Ocean Towing Operations Onboard a Vessel	551 - Transportation (Individual)	Approved

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
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551-880-9023	INSPECT A TOW PRIOR TO TOWING	551 - Transportation (Individual)	Approved
551-880-9013	PREPARE A TOWING HAWSER LOG	551 - Transportation (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-880-9019	CALCULATE ESTIMATED TOWLINE TENSIONS	551 - Transportation (Individual)	Approved
551-880-9014	CALCULATE TOW RESISTANCE	551 - Transportation (Individual)	Approved
551-880-9008	DEMONSTRATE TOWING PROCEDURES	551 - Transportation (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-2-0039	Conduct Towing Operations.	55 - Transportation (Collective)	Approved
55-5-0016	Direct Vessel Operations	55 - Transportation (Collective)	Approved
55-2-0042	Plan Vessel Towing Operations.	55 - Transportation (Collective)	Approved
55-2-1508	Conduct Vessel Operations	55 - Transportation (Collective)	Approved
55-2-0043	Pass Ocean Tow to a Harbor Tug.	55 - Transportation (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
MOS 88K Watercraft Operator SL 4	Enlisted	MOS: 88K, Skill Level: SL4, Duty Pos: TFJ