

Report Date: 26 Jun 2014

**Summary Report for Individual Task
551-88K-3512
Monitor Vessel Anchoring Operations**

Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - The materials contained in this course have been reviewed by the course developers in coordination with the Fort Lee foreign disclosure authority. This course is releasable to students from all requesting foreign countries without restrictions.

Condition: As a boatswain assigned to U.S. ARMY watercraft, Given: Vessel equipped with anchor and anchor windlass, crew, radio, Personal Protective Equipment (PPE), day or night in all weather conditions in an operational environment. Some iterations of this task should be performed in MOPP 4.

Standard: When ordered, you will monitor crew in anchoring operations ensuring proper procedure is followed to safely anchor the vessel in the required location with out damage to equipment of loss of life.

Special Condition: None

Safety Risk: Low

MOPP 4: Sometimes

Task Statements

Cue: None

DANGER PPE to include Personal Flotation Device are to be worn at all times or risk death or serious injury.
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WARNING None

CAUTION None

Remarks: None

Notes:

Performance Steps

1. Prepare the anchor for free falling, Monitor the following:

- a. Verify the anchor to be used (Port or Starboard)
- b. Assign duties to crew
- c. Ensure the clutch is engaged
- d. Ensure devil's claw assembly is removed.
- e. Remove riding paw
- f. Verify scope of chain to be let out
- g. Release hand break.
- h. lower anchor to the waters edge when instructed
- i. Tighten hand break.
- j. Adjust windlass to allow the clutch to be disengaged and disengage clutch
- k. Reports to vessel supervisor that the anchor is ready for free falling.

2. Monitor free falling, ensure the following:

- a. Release the handbrake, meanwhile using the handbrake to control the running speed of the chain.
- b. Secure brake when proper scope has been reached.
- c. Communicate the direction and level of strain on the anchor chain to the bridge until instructed to secure
- d. Adjust anchor windlass to allow the clutch to be engaged freely

Note: As soon as the anchor hits the bottom during daylight, raise Union Jack and raise the anchor ball; at night, turn off the navigation lights and turn on the anchor lights and lower Ensign.

- e. Secure handbrake and reinstall riding paw

3. Monitor weighing anchor, ensureing the following:

- a. Communicate direction and level of strain on anchor chain to the bridge
- b. Engage the wildcat.
- c. Raise the anchor.
- d. Chain is washed with water as it is raised
- e. Notifies the bridge when the anchor is aweigh (free of the bottom).

- f. Anchor is in the correct position for the hawse pipe.
- g. Stop when anchor is secure in the hawse pipe.
- h. Set handbrake, ensure clutch is free, reinstall devils claw.
- i. Reports to supervisor the anchor has been secured.

(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. Prepared the anchor for free falling, Monitored the following:			
a. Verify the anchor to be used (Port or Starboard)			
b. Assign duties to crew			
c. Ensure the clutch moves freely			
d. Ensure devil's claw assembly is removed.			
e. Verify scope of chain to be let out			
f. Remove riding paw			
g. Release handbrake			
h. Lower anchor to the waters edge when instructed			
i. Tighten handbrake			
j. Adjust windlass to allow the clutch to be disengaged and disengage clutch			
k. Reports to vessel supervisor that the anchor is ready for free falling.			
2. Monitored free falling ensuring the following were completed:			
a. Release the handbrake, meanwhile using the handbrake to control the running speed of the chain.			
b. Secure brake when proper scope has been reached.			
c. Communicate the direction and level of strain on the anchor chain to the bridge until instructed to secure			
d. Adjust anchor windlass to allow the clutch to be engaged freely			
e. Secure handbrake and reinstall riding paw			
3. Monitored weighing anchor, ensured the following:			
a. Communicate direction and level of strain on anchor chain to the bridge			
b. Engage the wildcat.			
c. Raise the anchor			
d. Chain is washed with water as it is raised			
e. Notifies the bridge when the anchor is aweigh (free of the bottom).			
f. Ensure anchor is in the correct position for the hawse pipe.			
g. Stop when anchor is secure in the hawse pipe.			
h. Set handbrake, ensure clutch is free, reinstall devils claw.			
i. Reports to supervisor the anchor has been secured.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	AR 56-9	Watercraft	No	No
	DMA CHART NO 1	DMA CHART NO 1	Yes	No
	FM 4-01.502	ARMY WATERCRAFT SAFETY	Yes	No
	TC 4-15.51	Marine Crewman's Handbook	Yes	No
	WOBZC1	NAUTICAL CHART SYMBOLS AND ABBREVIATIONS	Yes	No

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. Environmental Statement: 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 05-08-02 ENVIRONMENTAL-RELATED RISK ASSESSMENT

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer 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.

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-2515	Conduct Watch Standing Procedures Onboard a Class B Vessel	551 - Transportation (Individual)	Approved
551-88K-2513	Conduct Vessel Anchoring Operations Onboard a Class B Vessel	551 - Transportation (Individual)	Approved
551-88K-1706	Operate a Vessel's Fathometer Onboard a Vessel	551 - Transportation (Individual)	Analysis

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-4720	Conduct Vessel Operations Using a Piloting Team	551 - Transportation (Individual)	Approved
551-88K-4714	Enforce Maintenance of Vessel's Nautical Charts and Publications	551 - Transportation (Individual)	Approved
551-88K-2504	Conduct Operation of Deck Equipment Onboard a Class B Vessel	551 - Transportation (Individual)	Approved
551-88K-2513	Conduct Vessel Anchoring Operations Onboard a Class B Vessel	551 - Transportation (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-4719	Compute Tide and Current Using References	551 - Transportation (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-2-1508	Conduct Vessel Operations	55 - Transportation (Collective)	Approved
55-5-0016	Direct Vessel Operations	55 - Transportation (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
MOS 88K Watercraft Operator SL3	Enlisted	MOS: 88K, Skill Level: SL3, Duty Pos: TAV
MOS 88K Watercraft Operator SL 4	Enlisted	MOS: 88K, Skill Level: SL4, Duty Pos: TFJ