

**Report Date:** 14 Apr 2014

**Summary Report for Individual Task  
551-88K-4511  
Monitor vessel anchoring operations  
Status: Approved**

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

DESTRUCTION NOTICE: None

**Condition:** As a Small Tug Master/First Mate onboard various types of U.S. ARMY watercraft, GIVEN; a nautical chart, operational ground tackle, anchorage site and crewmembers to assist, a completed risk assessment, an Operational Plan/Operations Order (OPLAN/OPORDER), a vessel in port or at sea, all applicable publications, forms, records in all weather conditions, day or night in an Operational Environment (OE) scenario. Some iterations of this task should be performed in MOPP 4.

**Standard:** Monitor anchoring operations ensuring the vessel is held fast to the ocean floor without any injuries to personnel or damage to equipment.

**Special Condition:** None

**Safety Level:** Low

**MOPP:** Sometimes

<b>Task Statements</b>
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**Cue:** None

<b>DANGER</b>
None

<b>WARNING</b>
None

<b>CAUTION</b>
None

**Remarks:** None

**Notes:** Use any one of the vessels listed in the equipment section to perform this task.

### Performance Steps

1. Select an anchorage area according to your chart.
2. Contact the proper authority prior to anchoring.
3. Monitor that the crewmembers prepare the anchor for freefall by:
  - a. Inspect ground tackle prior to operation.
  - b. assign positions to crew for appropriate positions.
  - c. Ensure the clutch is engaged
  - d. Ensure devils paw assembly is removed.
  - e. Remove riding paw
  - f. Know scope of chain to be released.
  - g. release the hand brake.
  - 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. Disengage the wildcat.
  - l. Report to vessel supervisor that the anchor is ready for free falling.
4. Monitor that crew correctly freefalls anchor by:
  - 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.
5. To set the anchor monitor that the crew:
  - a. gives direction that the chain is leading
  - b. gives the strain on the anchor chain
6. After anchor is set monitor that the crew:
  - a. sets an anchor watch
  - b. draws an anchor circle
  - c. ensures that the vessel does not exit the anchor circle

7. Monitor weighing anchor by ensuring crewmembers:

- a. Inspect ground tackle to ensure operational.
- b. Communicate direction and level of strain on anchor chain to the bridge
- c. Engage the wildcat.
- d. Raise the anchor.
- e. Chain is washed with water as it is raised
- f. Notifies the bridge when the anchor is aweigh (free of the bottom).
- g. Anchor is in the correct position for the hawse pipe.
- h. Stop when anchor is secure in the hawse pipe.
- i. Set handbrake, ensure clutch is free, reinstall devils claw.
- j. 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.

<b>PERFORMANCE MEASURES</b>	<b>GO</b>	<b>NO-GO</b>	<b>N/A</b>
1. Selected an anchorage area according to your chart and contacted the proper authority prior to anchoring.			
2. Prepared the anchor for free falling, Monitored the following:			
a. Inspects ground tackle prior to operation.			
b. assigned positions to crew for appropriate positions.			
c. Ensured the clutch is engaged			
d. Ensured devils paw assembly is removed.			
e. Removed riding paw			
f. Knew scope of chain to be released.			
g. released the hand brake.			
h. lowered anchor to the waters edge when instructed			
i. Tightened hand break.			
j. Adjusted windlass to allow the clutch to be disengaged and disengaged clutch			
k. Disengaged the wildcat.			
l. Reported to vessel supervisor that the anchor is ready for free falling.			
3. Monitored that crew correctly freefalls anchor by:			
a. Released the handbrake, meanwhile using the handbrake to control the running speed of the chain.			
b. Secured brake when proper scope has been reached.			
4. Monitored that anchor was set by:			
a. Gave direction that the chain is leading			
b. Gave the strain on the anchor chain			
5. After anchor is set monitored that the crew:			
a. sets an anchor watch			
b. draws an anchor circle			
c. ensures that the vessel does not exit the anchor circle			
6. Monitored weighing anchor by ensuring crewmembers:			
a. Inspect ground tackle to ensure operational.			
b. Communicate direction and level of strain on anchor chain to the bridge			
c. Engage the wildcat.			
d. Raise the anchor.			
e. Chain is washed with water as it is raised			
f. Notifies the bridge when the anchor is aweigh (free of the bottom).			
g. Anchor is in the correct position for the hawse pipe.			
h. Stop when anchor is secure in the hawse pipe.			
i. Set handbrake, ensure clutch is free, reinstall devils claw.			
j. Reports to supervisor the anchor has been secured.			

**Supporting Reference(s):**

<b>Step Number</b>	<b>Reference ID</b>	<b>Reference Name</b>	<b>Required</b>	<b>Primary</b>
	AR56-9	Surface Transportation Watercraft	No	No
	DMA CHART NO 1	DMA CHART NO 1	Yes	No
	DMA PUB 102	International Code of Signals	Yes	No
	FM 4-01.502	ARMY WATERCRAFT SAFETY	No	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.

**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.

**Prerequisite Individual Tasks :**

Task Number	Title	Proponent	Status
551-88K-2513	Conduct Vessel Anchoring Operations Onboard a Class B Vessel	551 - Transportation (Individual)	Approved
551-88K-1514	Prepare Vessel for Anchoring Operations	551 - Transportation (Individual)	Approved
551-88K-3512	Monitor Vessel Anchoring Operations	551 - Transportation (Individual)	Approved

**Supporting Individual Tasks :**

Task Number	Title	Proponent	Status
551-88K-3514	Conduct Operations of Vessel Deck Equipment	551 - Transportation (Individual)	Approved
551-880-8077	MARK ANCHOR CHAIN	551 - Transportation (Individual)	Approved
551-88K-2515	Conduct Watch Standing Procedures Onboard a Class B Vessel	551 - Transportation (Individual)	Approved
551-88K-1517	Perform Watch Standing Procedures Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-1515	Identify Vessel Deck Equipment	551 - Transportation (Individual)	Approved

**Supported Individual Tasks :** None

**Supported Collective Tasks :**

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