

Report Date: 14 Apr 2014

**Summary Report for Individual Task
551-88K-4722
Conduct Life Boat Navigation
Status: Approved**

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

DESTRUCTION NOTICE: None

Condition: Assigned as a small tug Master, First Mate or a Boatswain. Given a complete risk assessment, an Operational Plan/Operations Order (OPLAN/OPORDER), a vessel in port or at sea, all applicable publications, forms, and records, tools, materials, personnel, equipment in all weather conditions day or night and all MOPP levels in an operational environment scenario, a life boat and an emergency navigation kit. Some iterations of this task should be performed in MOPP 4.

Standard: On-Order, navigate the lifeboat to the closest point of land/shipping lanes, or the closet point of land/shipping lanes in the direction of the prevailing winds and seas.

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. Turn on EPIRB.
2. Set up SART.
3. Turn on Emergency Radio to channel 6 and 12.
4. Maintain a log.
 - a. Log last known position.
 - b. Log time of abandon-ship.
5. Create a small area plotting sheet.
6. Determine current position by Latitude and Longitude and enter it into the log.
7. Establish current position on the small area plotting sheet.
8. Identify the state of the current then enter into to the log.
9. Identify the prevailing wind to be expected then enter into to the log.
10. Identify closest point of land or shipping lanes in the direction of the prevailing wind and current.
11. Repeat steps 6 thru 10 every hour.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the soldier a GO if all performance measures are correctly completed/pass (P). Score the Soldier a NO-GO if any of the performance measures are missed or incorrectly performed/fail (F).

Evaluation Preparation: Test this task in conjunction with the Vessel Operations assessment. Ensure Soldier understands why this task is important to the overall safe navigation of the vessel

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Turned on EPIRB.			
2. Set up SART.			
3. Turned on Emergency Radio to channel 6 and 12.			
4. Maintained a log.			
a. Logged last known position.			
b. Logged time of abandon-ship.			
5. Created a small area plotting sheet.			
6. Determined current position by Latitude and Longitude then entered it into to the log.			
7. Established current position on the small area plotting sheet.			
8. Identified the state of the current then entered it into to the log.			
9. Identified the prevailing wind to be expected then entered it into to the log.			
10. Identified closest point of land or shipping lanes in the direction of the prevailing wind and current.			
11. Repeated steps 6 thru 10 every hour.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	33 CFR	Navigation and Navigational	No	No
	AR 56-9	Watercraft	No	No
	DUTTON	DUTTON'S NAVIGATION AND PILOTING 14th EDITION	No	No
	FM 4-01.502	ARMY WATERCRAFT SAFETY	No	No
	PUB. NO. 9	The American Practical Navigator - Bowditch	No	No
	TC 4-15.51	MARINE CREWMAN'S HANDBOOK	No	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 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.

AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTMLPF and ensures all training procedures, training manuals, and training doctrine includes sound environmental practices and considerations. The Army's environmental vision is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. Environmental protection is never completed. Continuously be alert to ways to protect our environment and reduce waste.

Leaders must ensure that their unit has an active and strong environmental program. They must understand the laws and know what actions to take. Leaders bring focus, direction, and commitment to environmental protection. Commanding officers should ensure the following environmental programs are in place and are being maintained: -Hazardous materials program.

- Hazardous waste program.
- Hazardous communications program.
- Pollution prevention and hazardous waste minimization recycling program
- Spill prevention and response plan program.

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. In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite 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, NBC Protection, FM 3-11.5, CBRN Decontamination.

All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard.

Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task.

- (a) Take personal responsibility
- (b) Practice safe operations
- (c) Recognize unsafe acts and conditions
- (d) Take action to prevent accidents
- (e) Report unsafe acts and conditions
- (f) Work as a team

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-1201	Record Entries in Vessel Logs Onboard Class A & B Vessels	551 - Transportation (Individual)	Approved
551-88K-3704	Monitor Emergency Radio Operations Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-1704	Operate Emergency Radios Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-4707	Conduct Operations of Satellite Communications Equipment Onboard a Vessel	551 - Transportation (Individual)	Obsolete
551-88K-3708	Monitor Navigational Duties Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-3201	Monitor Entries in Vessel Logs Onboard Class A & B Vessels.	551 - Transportation (Individual)	Approved
551-88K-3713	Operate an Automated Network Control Device (ANCD)	551 - Transportation (Individual)	Approved
551-88K-2705	Conduct Operation of Emergency Radios Onboard a Class B Vessel	551 - Transportation (Individual)	Approved
551-88K-2701	Observe Weather Conditions Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-2201	Maintain Vessel Log Onboard a Class B Vessel	551 - Transportation (Individual)	Approved
551-88K-4705	Monitor Emergency Radio Operations Onboard a Vessel	551 - Transportation (Individual)	Obsolete
551-88K-2713	Conduct Plotting Techniques Onboard a Class B Vessel	551 - Transportation (Individual)	Approved
551-88K-1513	Observe Aids To Navigation (ATON) Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-2711	Perform Dead Reckoning(DR) Techniques Onboard a Class-B Vessel	551 - Transportation (Individual)	Approved
551-88K-1712	Perform Radio Procedures	551 - Transportation (Individual)	Approved
551-88K-2712	Perform Vessel Movements Using Aids to Navigation (ATONS)	551 - Transportation (Individual)	Approved
551-88K-1708	Maintain a Vessel's Nautical Charts and Publications	551 - Transportation (Individual)	Approved
551-88K-1710	Perform Dead Reckoning (DR) Techniques Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-4716	Conduct Dead Reckoning(DR) Techniques Onboard a Vessel	551 - Transportation (Individual)	Obsolete
551-88K-3701	Record Weather Conditions Onboard a Vessel	551 - Transportation (Individual)	Approved

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-4705	Monitor Emergency Radio Operations Onboard a Vessel	551 - Transportation (Individual)	Obsolete
551-88K-4701	Analyze Weather Conditions Onboard a Vessel	551 - Transportation (Individual)	Obsolete

551-88K-4716	Conduct Dead Reckoning(DR) Techniques Onboard a Vessel	551 - Transportation (Individual)	Obsolete
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Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-3704	Monitor Emergency Radio Operations Onboard a Vessel	551 - Transportation (Individual)	Approved
551-880-9127	DEVELOP AN EMERGENCY RESPONSE PLAN	551 - Transportation (Individual)	Approved
551-8ST-1001	React to Emergency Signals	551 - Transportation (Individual)	Approved
551-88K-4705	Monitor Emergency Radio Operations Onboard a Vessel	551 - Transportation (Individual)	Obsolete
551-88K-4715	Monitor Operations of Navigational Equipment Onboard a Vessel	551 - Transportation (Individual)	Obsolete
551-8ST-1028	React to a vessel Emergency	551 - Transportation (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-2-0050	Plan Firefighting Services in a Port Area.	55 - Transportation (Collective)	Approved
55-2-0047	Perform Search and Rescue Operations	55 - Transportation (Collective)	Approved
55-2-0071	Receive Commitments from Battalion Headquarters	55 - Transportation (Collective)	Approved
55-2-0008	Conduct Watercraft Salvage Operations	55 - Transportation (Collective)	Approved
55-2-1506	React to Shipboard Emergency Aboard an Army vessel	55 - Transportation (Collective)	Approved
55-2-0008	Conduct Watercraft Salvage Operations	55 - Transportation (Collective)	Proposed

ICTL Data :

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