

Report Date: 14 Apr 2014

Summary Report for Individual Task
551-88K-4717
Conduct Vessel Movements Using Aids to Navigation (ATONS)
Status: Approved

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

DESTRUCTION NOTICE: None

Condition: Assigned as amate or boatswain aboard an Army vessel, you are required to comply with the lateral buoy systems intended to assist the navigator in fixing his position, and determine a safe course past hazards to navigation returning from sea: Given a complete risk assessment, 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. Some iterations of this task should be performed in MOPP 4.

Standard: On orders you must successfully navigate your vessel. Complywith the lateral buoy systems intended to assist the navigator without any harm to the crew or damage to the vessel.

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. Ensure chart corrections are current.

a. Returning from sea,

(1) Identify the buoy on the right side of the channel:

- (a) Unlighted buoy shape: Nun
- (b) Color: Red
- (c) Number: Even
- (d) Lighted color: Red or White
- (e) Light phase characteristic: Flashing or quick flashing

(2) Identify the buoy left side of the channel:

- (a) Unlighted buoy shape: Can
- (b) Color: Green
- (c) Number: Odd
- (d) Lighted color: Green or White
- (e) Light phase characteristic: Flashing or quick flashing

(3) Be aware of Channel Junction or obstruction buoys.

- (a) Unlighted buoy shape: Nun or Can
- (b) Color: Red-and-horizontally banded
- (c) Number: Not number
- (d) Lighted color: Red, Green or White
- (e) Light phase characteristic: Interrupted quick flashing.

(4) Be aware of Mid-channel or fairway buoys

- (a) Unlighted buoy shape: Nun or Can
- (b) Color: Black-and-white vertically striped
- (c) Number: May be lettered
- (d) Lighted color: White

(e) Light phase characteristic: Morse code "A"

b. Contact port-authority for berthing instruction.

2. Entering a harbor from a larger body of water, such as a lake, preferred channel is indicated by color of uppermost band (shape of unlighted buoy), color of light, if any.

(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. Returning from sea, identified the buoy on the right side of the channel:			
a. Unlighted buoy shape: Nun			
b. Color:			
c. Number:			
d. Lighted color:			
e. Light phase characteristic:			
2. Returning from sea, identified the buoy on the left side of the channel:			
a. Unlighted buoy shape: Can			
b. Color:			
c. Number:			
d. Lighted color:			
e. Light phase characteristic:			
3. Returning from sea, identify Junction or obstruction buoys.			
a. Unlighted buoy shape: Nun or Can			
b. Color:			
c. Number:			
d. Lighted color:			
e. Light phase characteristic:			
4. Returning from sea, identified Mid-channel or fairway buoys.			
a. Unlighted buoy shape: Nun or Can			
b. Color:			
c. Number:			
d. Lighted color:			
e. Light phase characteristic:			
5. Contacted port-authority for berthing instruction.			
6. Entering a harbor from a larger body of water, such as a lake, preferred channel is indicated by color of uppermost band (shape of unlighted buoy), color of light, if any.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	880A1D06	NAUTICAL CHARTS	Yes	No
	DMA PUB 102	International Code of Signals	Yes	No
	DMA PUB 9	DMA PUB 9	Yes	No
	PUB. NO. 9	The American Practical Navigator - Bowditch	Yes	No
	TC 4-15.51	MARINE CREWMAN'S HANDBOOK	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. All operations will conform to the Army Environmental Policy, local, state and federal environmental regulations, AR 385-10, the Clean Air Act (CAA) and CAA amendments.

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. 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.

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-3706	Monitor a Vessel Electronic Gyro System	551 - Transportation (Individual)	Approved
551-88K-3708	Monitor Navigational Duties Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-3709	Enforce Navigational Rules Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-3710	Comply With Aids to Navigation Standards	551 - Transportation (Individual)	Approved
551-88K-3508	Monitor Harbor Tug Operations Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-3511	Monitor Watch Standing Procedures Onboard a Vessel	551 - Transportation (Individual)	Approved

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-3501	Monitor Fixed Port Operations Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-3710	Comply With Aids to Navigation Standards	551 - Transportation (Individual)	Approved
551-88K-3510	Monitor Rescue Operations Onboard a Vessel	551 - Transportation (Individual)	Approved

Supported Individual Tasks : None

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-2-0071	Receive Commitments from Battalion Headquarters	55 - Transportation (Collective)	Approved

55-2-0039	Conduct Towing Operations.	55 - Transportation (Collective)	Approved
55-2-0069	Conduct Shuttle Operations	55 - Transportation (Collective)	Approved
55-2-0047	Perform Search and Rescue 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