

Summary Report for Individual Task
551-88H-1518
Open Hatches
Status: Approved

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

Destruction Notice: None

Foreign Disclosure: FD5 - This product/publication has been reviewed by the product developers in coordination with the Transportation School, Fort Lee, VA 23801 foreign disclosure authority.

This product is releasable to students from all requesting foreign countries without restrictions.

Condition: Assigned as a Cargo Checker/Handler given a requirement to open hatches in an operational environment, during day or night, in normal weather conditions, given a completed risk assessment, safety briefing, a cargo vessel with pontoon covers, tarpaulins, folding metal or hydraulic hatches, ship's gear, dunnage, safety clothing, foreman supervision, and TC 4-13.17. This task should not be trained in MOPP 4.

Standard: Open hatches without injury to personnel or damage to equipment.

Special Condition: Large Medium Speed Roll-On-Roll-Off (LMSR) and Fast Sealift Ship (FSS) hatch operation.

Safety Risk: Medium

MOPP 4: Never

Task Statements

Cue: You are assigned as a Cargo Checker/Handler tasked to open hatches to load/discharge cargo.

DANGER

Adhere to all DANGER statements listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

WARNING

Adhere to all WARNING statements listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

CAUTION

Adhere to all CAUTION statements listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

Remarks: None

Notes: None

Performance Steps

1. Open hatches (see Figure 3-31).

- a. Folding metal hatch cover operated by cable or hydraulics.
- b. Hinged hatch cover operated by cable or hydraulics.
- c. Pontoon or removable type hatch cover (for break bulk).

(1) Knock out the wedges.

(a) Gather them all.

(b) Stow them together in one place.

(2) Remove the battens and lay them on the deck next to the hatch coaming.

(3) Remove the tarpaulin and place it on the non-working side of the vessel.

(4) Attach the O-ring of the bridal slings to the cargo hook.

(5) Attach the four legs of the bridal slings to each corner fitting of the pontoon/removable hatch cover. **HOOKS MUST FACE OUT.**

(6) Remove the hatch cover and place it on the non-working side of the vessel.

(7) Remove each succeeding pontoon/removable hatch cover and stack them no higher than the hatch coaming.

2. Complete preparation of hatches (LMSR and FSS).

Note: These are the two most commonly used ships in transporting cargo. Both are equipped with hard back (pontoon covers) and hinge cover hatch. Equipment needed to service these types of pontoon covers are ship cranes/off ship cranes, four legged bridles, tag lines, D- rings, stanchion, T-wrench, and dunnage.

a. Place dunnage on the non-working hatch cover.

b. Release the hatch cover using a T-wrench.

Note: Use a 2 3/8-inch box or open-end wrench if a T-wrench is not available.

c. Secure tag lines with a bowline knot to the closest D-ring of each hatch cover corner.

d. Center the cargo hook and four (4) legged bridle sling to the cargo hook.

e. Lower the cargo hook and attach four legged bridle sling to the cargo hook.

f. Attach the sling shackle with hook facing outward to the yellow D-ring on the hatch cover.

g. Attend the tag lines.

h. Slowly raise the hatch cover slightly above the non-working hatch cover.

i. Position and lower the hatch cover directly over the non-working hatch cover.

j. Apply the stanchion.

Note: The stanchion is not designed to protect you. It is used to section off the work area.

3. Close hatches.

a. To close the hatch cover, perform the above steps in the reverse order of the hatch cover's opening and removal.

b. Secure tools and police the area.

c. Notify the hatch foreman of any deficiencies.

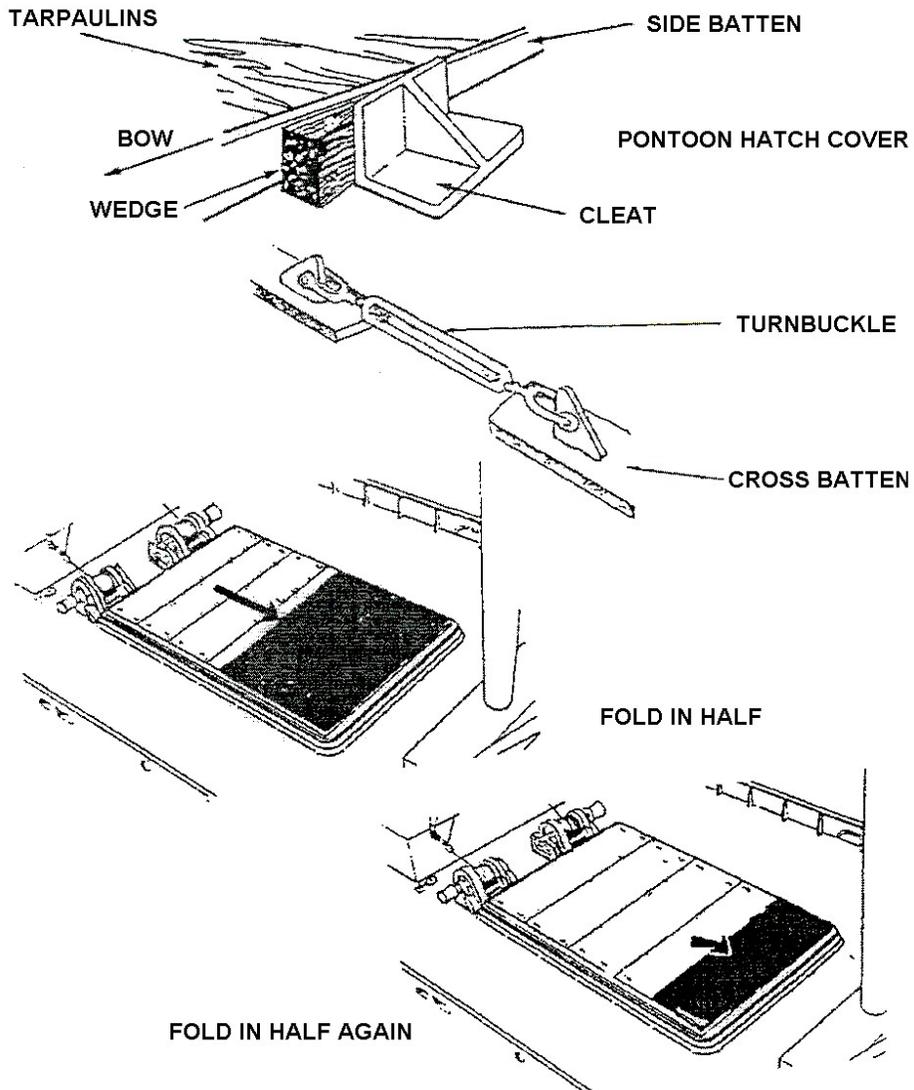


Figure 3-31
Operating Hatches

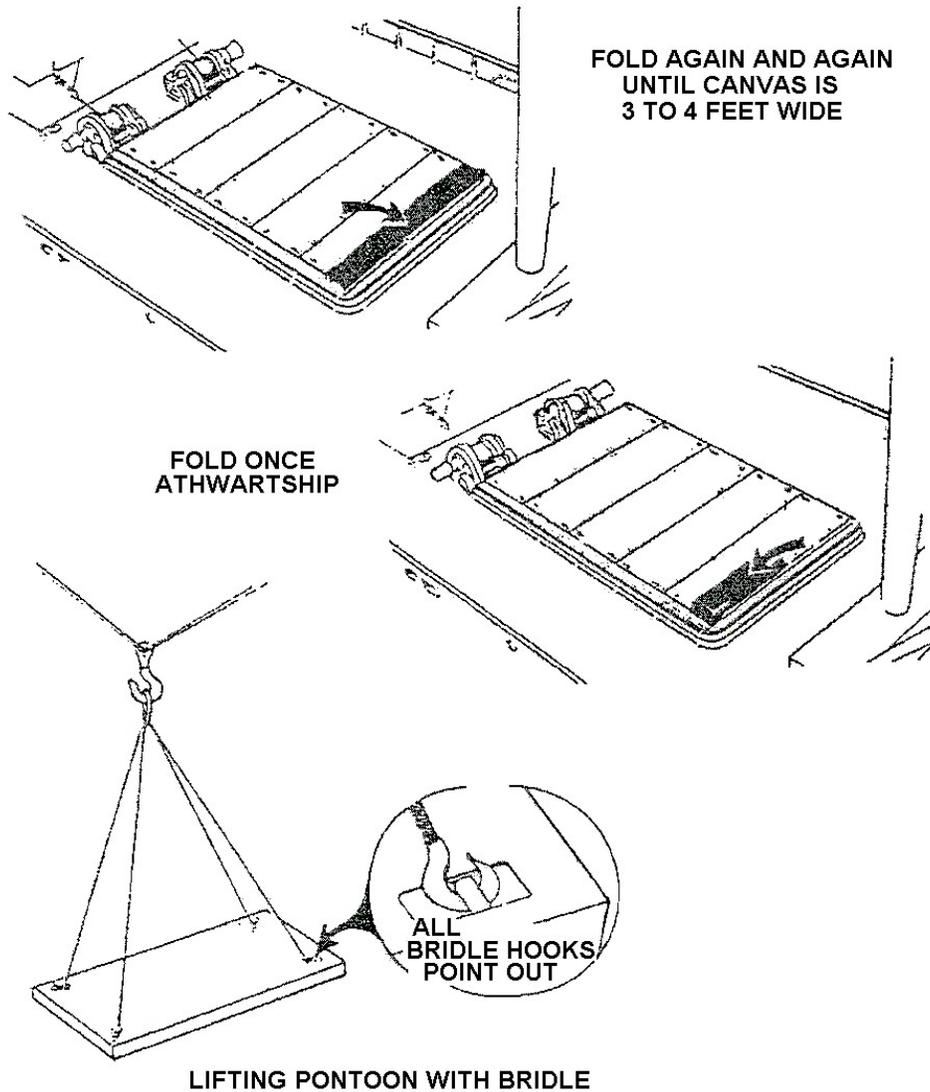


Figure 3-31 (cont)
Operating Hatches (continued)

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier GO if all performance steps are passed (P). Score the Soldier NO-GO if any performance step 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 materials required to perform the task are available. Tell the Soldier that he/she will be evaluated on opening hatches.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Opened hatches.			
2. Completed preparation of hatches (LMSR and FSS).			
3. Closed hatches.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TC 4-13.17	Cargo Specialist'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.

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.

All soldiers and leaders must maintain a proactive posture towards safety in day-to-day operations. The need for total commitment to safety should be evident to commanders, senior soldiers, and their subordinates. The importance of safety is intensified for personnel conducting cargo hatch operations. Safety awareness is most effective at three levels: command, leader, and individual. Observe all Warnings and Cautions, and remain aware of the following:

- Weather conditions
- Slippery deck

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 : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88H-1502	Prepare Electric Winches for Operation to Load or Discharge Cargo	551 - Transportation (Individual)	Approved
551-88H-1405	Operate Haggglunds Crane in Single Mode	551 - Transportation (Individual)	Approved
551-88H-1403	Prepare Haggglunds Crane for Operation	551 - Transportation (Individual)	Approved
551-88H-1422	Perform Standard Hand and Arm Signals for Winch Operations	551 - Transportation (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-88H-2408	Direct Hatch Cover Operations	551 - Transportation (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-2-1407	Conduct Pierside Operations to Discharge and Load Cargo	55 - Transportation (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
MOS 88H - CARGO SPECIALIST SL4	Enlisted	MOS: 88H, Skill Level: SL4, Duty Pos: TGI
MOS 88H - CARGO SPECIALIST SL1	Enlisted	MOS: 88H, Skill Level: SL1, Duty Pos: TAZ
MOS 88H - CARGO SPECIALIST SL2	Enlisted	MOS: 88H, Skill Level: SL2, Duty Pos: ABW
MOS 88H - CARGO SPECIALIST SL3	Enlisted	MOS: 88H, Skill Level: SL3, Duty Pos: TBA