

**Summary Report for Individual Task**  
**551-88K-4728**  
**Maintain GMDSS System**  
**Status: Approved**

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

DESTRUCTION NOTICE: None

**Condition:** Assigned as a Watch Officer, given a completed risk assessment, a vessel in port or at sea, all applicable publications, forms, records, tools, materials, personnel, and equipment in all weather conditions day or night and all MOPP levels in an operational environment scenario.

**Standard:** On order, conduct field maintenance on a Global Maritime Distress and Safety System (GMDSS) IAW the applicable technical publication's procedures and specifications. Comply with all Warnings, Cautions, and Notes listed in the applicable references. Once the task is completed, the GMDSS must be fully mission capable. Make all entries on all forms and records with out errors.

**Special Condition:** None

**Safety Level:** Low

**MOPP:**

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

<b>DANGER</b>
None

## WARNING

### MODIFICATION HAZARD

Unauthorized modifications, alterations or installations of or to this equipment are prohibited and are in violation of AR 750-10. Any such unauthorized modifications, alterations or installations could result in death, injury or damage to the equipment.

### MOVING MACHINERY HAZARDS

Be very careful when operating or working near moving machinery. Running engines, rotating shafts, and other moving machinery parts could cause personal injury or death.

### ELECTRICAL HAZARDS

Whenever possible, the power supply to the equipment must be shut off before beginning work on the equipment. Do not be misled by the term "low voltage." Potentials as low as 50 volts may cause death under adverse conditions. Be careful not to contact 115-Vac input connections when installing or operating this equipment. Whenever the nature of the operation permits, keep one hand away from the equipment to reduce the hazard of current flowing through the body.

### BATTERIES

Batteries give off explosive hydrogen gas. Do not smoke around batteries. When connecting battery cables, always connect cable to positive battery terminal first. When disconnecting battery cables, always disconnect negative cable first.

## CAUTION

**Remarks:** None

**Notes:** 1. All equipment is not the same and may function differently depending on the make, model, and manufacturer. Troubleshooting steps are similar, but may vary. Always consult the applicable manufacturer's literature for each piece of equipment. 2. Tests should be conducted as specified in the manufacturer's literature or industry standards. 3. Defective equipment should be repaired or replaced immediately and not used until correctly repaired or replaced.

### Performance Steps

1. Select and use applicable publications.
2. Select and use applicable tools, Test, Measurement, and Diagnostic Equipment (TMDE).
3. Perform lockout and tagout procedures.
4. Determine the maintenance action to be performed.
5. Follow repair procedures in accordance with the applicable vessel's technical manuals.
6. Ensure prescribed safety procedures and precautions are observed.
7. Ensure that the correct tools and test equipment are appropriately utilized.
8. Ensure consumables and repair parts are acquired correctly.
9. Perform final operational test to verify fault(s) have been corrected.
10. Ensure that the appropriate TAMMS forms are completed in accordance with DA PAM 750-8.

(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 Basic Navigation 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. Selected and used applicable publications.			
2. Selected and used applicable tools and TMDE.			
3. Performed Lockout/Tagout procedures.			
4. Determined the maintenance action to be performed.			
5. Followed repair procedures in accordance with applicable vessels technical manuals.			
6. Ensured that prescribed safety procedures and precautions were observed.			
7. Ensured that the correct tools and test equipment were appropriately utilized.			
8. Ensured that consumables and repair parts were acquired correctly.			
9. Performed final operational test to verify fault(s) have been corrected.			
10. Ensured that the appropriate TAMMS forms were completed in accordance with DA PAM 750-8.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	FM 4-01.502	ARMY WATERCRAFT SAFETY	No	No
	TC 55-509	MARINE ENGINEMAN's HANDBOOK	No	No
	TC 55-509-1	Marine Electricity	No	No
	TM 11-5895-1847-12&P	OPERATORS MANUAL CREW MAINTENANCE FOR THE LCU 2000 GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS) LSV (NSN 1915-01-153-8801) LCU 2000 (1905-01-154-1191) TUG 128 SERIES (1925-01-247-7110) I	Yes	Yes
	TM 55-1905-223-10	Operator's Manual for Landing Craft, Utility (LCU 2000 CLASS) (NSN 1905-01-154-1191) (Reprinted W/Basic Incl C1-9) (This item is included on EM 0273)	No	Yes
	TM 55-1915-200-10	Operator's Manual for Logistic Support Vessel (LSV) (NSN 1915-01-153-8801) (Reprinted W/Basic Incl C1-6)	No	Yes
	TM 55-1925-273-10-1	Operator's Manual For Inland Coastal Large Tug (LT) (NSN 1925-01-509-7013)(EIC XAG) (This item is included on EM 0272)	No	Yes
	TM 55-1925-273-10-2	Operator's Manual for Inland and Coastal Large Tug (LT) (NSN 1925-01-509-7013) (EIC XAG) (This item is included on EM 0272)	No	Yes

**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 Consideration 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 :** None

**Supporting Individual Tasks :** None

**Supported Individual Tasks :** None

**Supported Collective Tasks :** None

**ICTL Data :**

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