

**Report Date:** 14 Apr 2014

**Summary Report for Individual Task  
551-88K-4707  
Conduct Operations of Satellite Communications Equipment Onboard a Vessel  
Status: Approved**

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DESTRUCTION NOTICE: None

**Condition:** Assigned as a Small Tug Vessel Master/First Mate or Boatswain onboard an Army vessel, given an Operation Order/ Operation Plan (OPORDER/OPLAN), a completed risk assessment, tactical satellite communication radio, receiving station and TC 4-15.51, day or night, in all weather conditions, in an operational environment scenario. Some iterations of this task should be performed in MOPP 4.

**Standard:** Conduct satellite communication operations. Confirm crewmembers make contact with another station and reply using correct radiotelephone procedures.

**Special Condition:** None

**Safety Level:** Low

**MOPP:** Sometimes

<b>Task Statements</b>
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**Cue:** Given an OPORDER/OPLAN to conduct operations of satellite communication equipment onboard a vessel.

<b>DANGER</b>
None

<b>WARNING</b>
None

<b>CAUTION</b>
None

**Remarks:** None

**Notes:** This task must be performed on a vessel equipped with HF Tactical Satellite Communication Radios under the supervision of the trainer, mate or the vessel master.

### Performance Steps

1. Verify crewmember turns on radio power switch.
2. Verify crewmember turns squelch control knob to desired position.
3. Verify crewmember turns channel selector to correct channel.
4. Verify crewmember adjusts volume control knob.
5. Verify crewmember calls out to another station using correct radio procedures.
6. Verify crewmember acknowledges reply from station called and ends transmission.

(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 information, references and equipment required to perform the task are available. Use the TC and the Evaluation Guide to score the Soldier's performance. Brief the Soldier. Tell the Soldier what is required IAW the task condition and standard.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Verified crewmember turned on radio power switch.			
2. Verified crewmember turned squelch control knob to desired position.			
3. Verified crewmember turned channel selector to correct channel.			
4. Verified crewmember adjusted volume control knob.			
5. Verified crewmember called out to another station using correct radio procedures.			
6. Verified crewmember acknowledged reply from station called and ended transmission.			

#### Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	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.

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 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-3703	Monitor Bridge to Bridge (VHF) Radio Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-3705	Monitor Operations of High Frequency Radios System Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-3711	Operate Tactical Satellite Communications Radio	551 - Transportation (Individual)	Approved
551-88K-3702	Operate Tactical Radio Onboard a Vessel	551 - Transportation (Individual)	Approved

**Supporting Individual Tasks :**

Task Number	Title	Proponent	Status
551-88K-3712	Conduct COMSEC Operation	551 - Transportation (Individual)	Approved
551-88K-3713	Operate an Automated Network Control Device (ANCD)	551 - Transportation (Individual)	Approved

**Supported Individual Tasks :** None

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-0079	Set Up Harbormaster Mission Command Center (HCCC)	55 - Transportation (Collective)	Approved
55-2-0023	Provide Mission Command of All Marine Related Activities in Support of LOTS Operations to Discharge and Load RO/RO, LO/LO, and Containers.	55 - Transportation (Collective)	Approved
55-2-0022	Provide Harbormaster Support for Offshore Cargo Operations.	55 - Transportation (Collective)	Approved
55-2-0029	Set Up Beach Lighterage Control Point (BLCP).	55 - Transportation (Collective)	Approved
55-2-0028	Set Up Ship Lighterage Control Point (SLCP).	55 - Transportation (Collective)	Approved
55-2-0027	Set Up Lighterage Control Center (LCC).	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