Report Date: 30 Apr 2012

Summary Report for Individual Task
551-88L-2052
Maintain a CBRN Water Washdown System
Status: Approved

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

DESTRUCTION NOTICE: None

Condition: Aboard a vessel, at sea, at anchor or moored alongside a pier, day or night, under all sea and weather conditions, given a vessel equipped with a CBRN Water Washdown System, using the appropriate technical manuals. While wearing appropriate PPE, (i.e. hearing protection, Nitrile gloves, eye protection, etc.) with no injuries and/or damage to equipment.

Standard: The Soldier knows and can correctly conduct weekly maintenance, monthly maintenance, and triennially maintenance procedures pertaining to the CBRN Water Washdown System.

Special Condition: None

Special Standards: None

Special Equipment:

Safety Level: Low

MOPP:

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Perform weekly maintenance.

a. Check control valve and piping.

(1) Charge fire main to pressure.

(2) With the control valves in the closed position, perform visual inspection to verify the piping system up to the control valve is free of leaks.

(3) Repair any leaks found in the piping system.

(4) Check sprinkler valves for indication of control valve leaking by.

(5) Secure the fire main system.

b. Check sprinkler heads to be sure they are free of debris.

2. Perform monthly maintenance.

a. Verify fire main is not charged.

b. Exercise CBRN control valve:

(1) On the LCU:

(a) Inspect control valve handle locking mechanism to ensure it is free and operates properly.

(b) Unlock valve handle and operate valve FM-22 through two opening and closings, (refer to Figure 551-88L-2052_01)

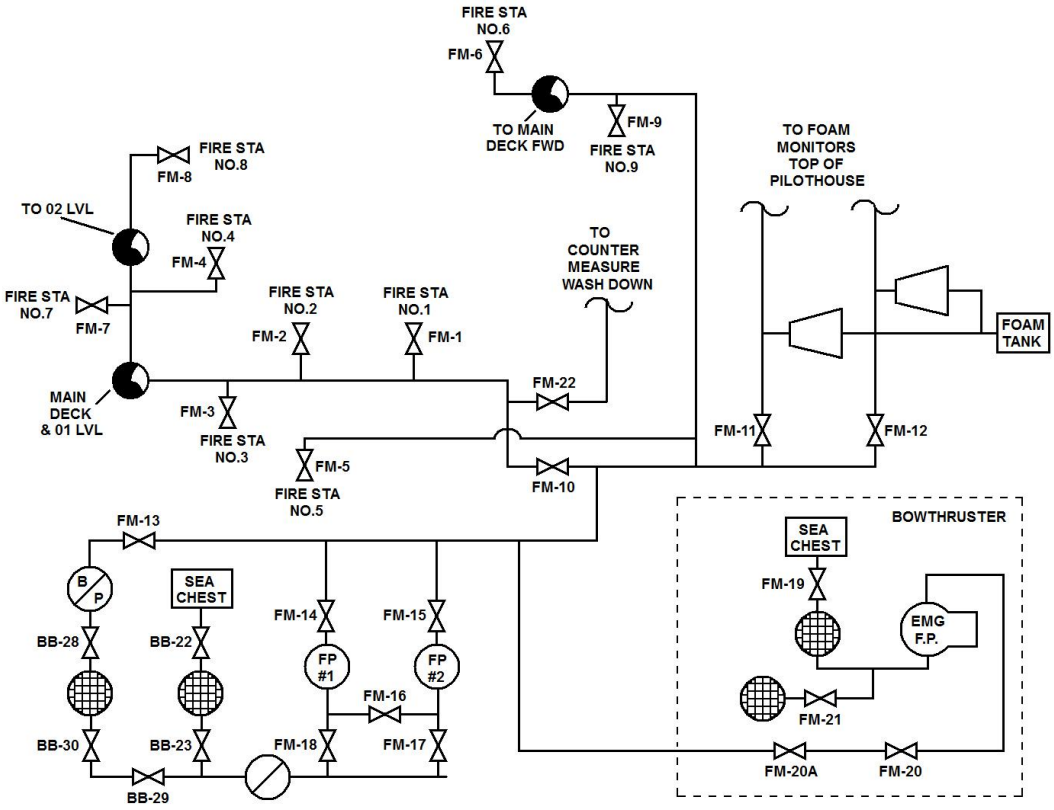


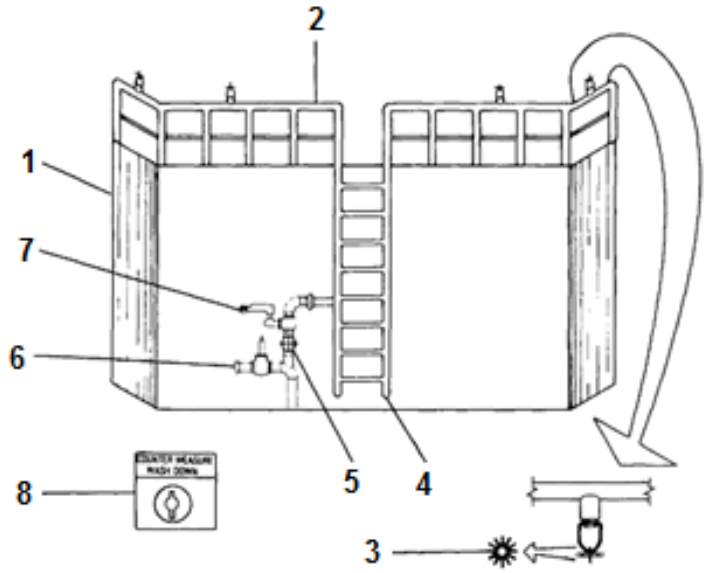
Figure 551-88L-2052_01
LCU Fire Main System

(c) Close valve and verify lock is engaged.

(2) On the LSV 1 thru 6:

(a) Operate the countermeasure switch located in the pilothouse.

(b) Ensure the solenoid operated valve on the front of the superstructure opens and closes, (refer to Figure 551-88L-2052_02).



1 AFT PILOTHOUSE
2 WASHDOWN PIPING
3 SPRINKLER HEAD
4 DRAIN VALVE
5 MANUAL VALVE
6 FIRW STATION #12
7 SOLENOID OPERATED VALVE
8 KEY OPERATED SWITH IN PILOTHOUSE

Figure 551-88L-2052_02
Countermeasure Washdown System

(c) Operate the solenoid valve through two complete opening and closings.

(d) Operate the solenoid by-pass valve two complete opening and closings.

(e) Secure the countermeasure switch in closed position.

(3) On LSV 7 & 8:

(a) Inspect control valve handle locking mechanism to ensure it is free and operates properly.

(b) Unlock valve handles and operate valves 555-VL-01 and 555-VL-02 through two opening and closings, (refer to Figure 551-88L-2052_03).

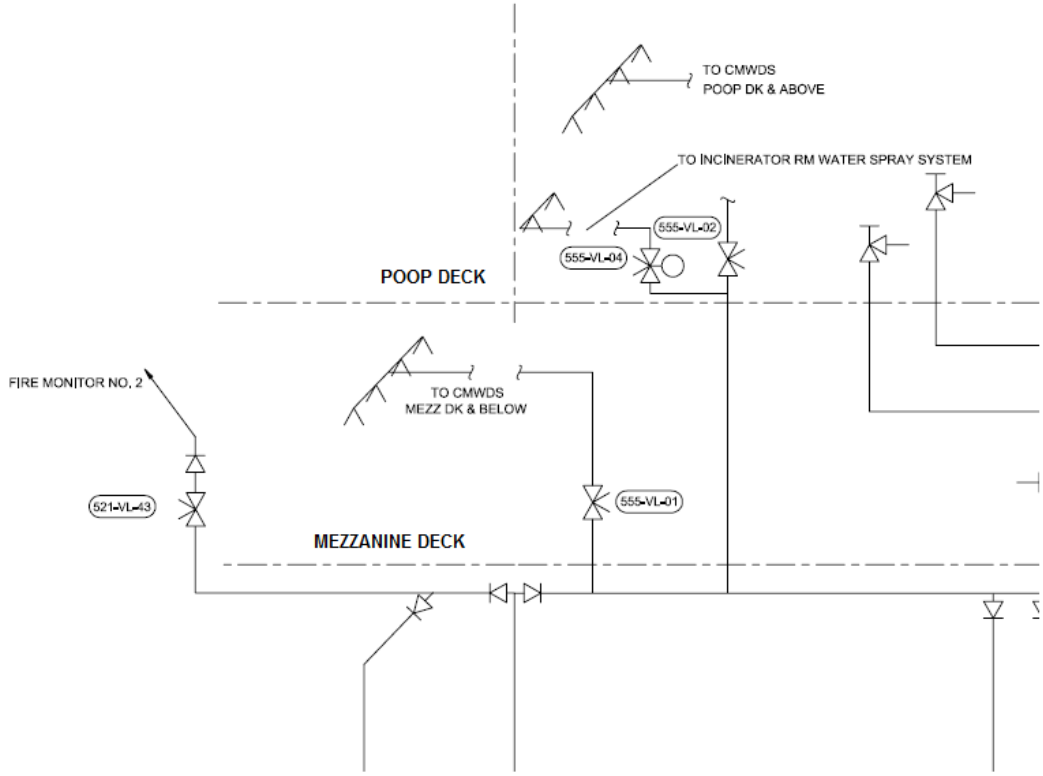


Figure 551-88L-2052_03
LSV 7 & 8 Fire Main System

(c) Close valves and verify locks are engaged.

(4) On the LT:

(a) Inspect control valve handle locking mechanism to ensure it is free and operates properly.

(b) Unlock valve handle and operate valve WDCM-11 through two opening and closings, (refer to Figure 551-88L-2052_04).

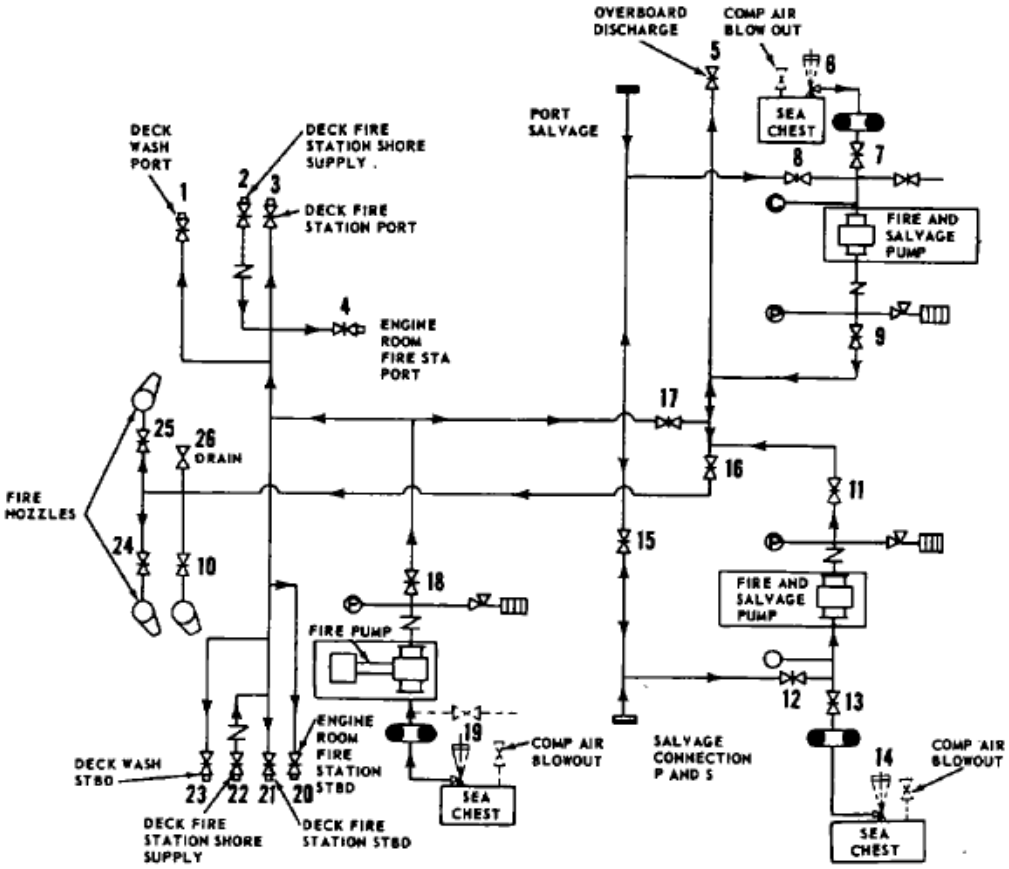


Figure 551-88L-2052_04
Fire Main System

(c) Close valves and verify locks are engaged.

3. Demonstrate basic knowledge of how to perform triennial maintenance.

a. To perform a flow test.

(1) Start the fire main system IAW SOP.

(2) Open the appropriate control valve(s).

(3) Check the piping system for leaks and repair as needed.

(4) Ensure water is flowing out of each sprinkler head.

(5) Close the control valve(s).

(6) Secure the fire main system.

(7) Drain washdown system if applicable.

(8) Refer to manufacturers as-built drawings for system flow requirements.

b. If applicable perform the triennial flow test.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: None

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Performed weekly maintenance.			
a. Checked applicable control valves.			
b. Checked sprinkler heads.			
2. Performed monthly maintenance.			
a. Ensured fire main was secured.			
b. Exercised applicable control valves.			
3. Demonstrated basic knowledge of how to perform triennial flow test.			
4. Performed triennial flow test if applicable.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TM 55-1905-223-SDC	SHIPBOARD DAMAGE CONTROL MANUAL FOR LANDING CRAFT UTILITY (LUC) (NSN 1905-01-154-1191)	No	No
	TM 55-1915-200-10	OPERATORS MANUAL FOR LOGISTIC SUPPORT VESSEL (LSV) (NSN 1915-01-153-8801) (REPRINTED W/BASIC INCL C1-6)	No	No
	TM 55-1915-254-10-1	OPERATOR'S MANUAL FOR LOGISTICS SUPPORT VESSEL (LSV-7 & -8)	No	No
	TM 55-1925-273-SDC	SHIPBOARD DAMAGE CONTROL MANUAL FOR INLAND AND COASTAL LARGE TUG (LT)	No	No

Environment: None

Safety: 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.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88L-1033	Demonstrate Basic Knowledge of a CBRN Washdown System	551 - Transportation (Individual)	Analysis
551-88L-3058	Troubleshoot a CBRN Water Washdown System	551 - Transportation (Individual)	Analysis Completed

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Supported Collective Tasks :

Task Number	Title	Proponent	Status
N/A	N/A	Not Selected	Obsolete