

Waterfront Maintenance Note Number 2**Work Request Guidance**

1. Purpose. To ensure ship's force personnel accurately complete work requests. SERMC Ship's Superintendent (SHIPSUP) can provide clarification for issues pertaining to this WFMN.

2. Background. Submitting accurate and concise 2-Kilos (2K) is paramount to ensuring that the work is executed as requested by the customer. Correctly completed 2Ks support the executing activity in documenting and tracking of work accomplished. Also, this ensures proper funding of waterfront accounts and manning requirements to accomplish the work.

3. The following guidelines are provided:

Nomenclature	Quantity	Remarks
Accom ladders W/T or Inspection	One per 2k	S/F PMS 36M-1R Prerequisite.
A/C plants	One per 2k	
Awnings Structure only	One per 2k	Max size 25 x 20ft, per drawing, 2L, or sample
Baxter bolts	One per 2k	One per 2K if weld repair is required. Ten per 2K if chasing threads. One per 2K if manufacturing or weight bearing.
Boat davit repairs	One per 2k	S/F PMS Prerequisite
Boat davit weight test	One per 2k	
Brazer quals	Fiscal year job	Hard copy 2 Kilo in required for documentation
Casualty power cables	One 2k per casualty power rack	Length of each cable at rack
Chain hoists	One per 2k	
CIWS overhaul	One per 2k	
CIWS entrance unit	One per 2k	
CIWS exit unit	One per 2k	
CIWS transfer unit	One per 2k	
CIWS skip box	One per 2k	
Cold Lagging	Max 100 linear feet per job	Submit C940 Services Request Form via SHIPSUP
Conduit	One APL per 2k	
Condensers	One per 2k	
Coolers	One per 2k	
Deck drain replacement	One per 2k	Not for PMS (i.e. broken Screws)
Deck sockets	Ten per 2k	Note: For

		manufacturing or weld repairs one per 2K.
Deluge valves/hoses	Eight per 2k	Each module, hydro/mfg
Drip pans	Two per 2k	Same dimension on 2L
Engrave labels (small)	Fiscal year	i.e. valve labels
Engrave labels (large)	Fiscal year	Approx 8.5" x 11"
Flanges, blank	Five per 2k	List sizes in blk 35
Flex hoses	Eight per 2k same system	Manufacture and hydro- Include hose material, hydro pressure, system fluid, overall length of hose, type(s) of fittings.
Flight deck pendants	Two per 2k	# Required for ship system
Flight deck safety nets and frames assemblies	One 2k per system	Specify # per ship system for repair or W/T. Nylon web only.
Fuel oil injectors	Sixteen per 2k	
Gage calibration	One visit per 2k	Level 1 calibration assistance only
GTC/GTB/AYC/AYB	One GTE per 2k	One tech directive per 2K per engine, include GTM/GTG ser nr on 2K.
Heat exchangers	One per 2k	
HPAC/HPADS	One per 2k	
J-bar davit w/t	One per 2k	
Keys, duplicate	Ten per 2k	
Lifelines	Five Lines per 2k	Kevlar or cres; one 2K for Port or Stbd.
Life rails	Steel or Aluminum - Five sections per 2k	
Life rail stanchions	Steel - Two per 2k.	
Life raft harness/strap	Five per 2k	Manufacture/testing
Antenna repairs	One per 2k	
LPAC/LPADS	One per 2k	
Motor operated valves	One per 2k	
Motors (overhaul)	One per 2k	
Motor controllers	One per 2k	
Pumps	One per 2k	
P-100 pumps	One per 2k	
Reducing manifolds	One per 2k	Per capabilities manual
Relief valves >150 lbs	One per 2k	
Reefer compressor	One per 2k	Two 2K per job, one for Swap and one for overhaul.
Remote operators	One per 2k	

Refurb CAS srch ants	One per 2k	
Refurb CAS trck ants	One per 2k	
Refurb CAS radomes	One per 2k	
Refurb CAS waveguides	One per 2k	
Refurb stir antennas	One per 2k	
Refurb waveguides	One per 2k	
RIB	One per 2k	Include ser nr on 2K
Rigging services	One per 2k	Rigging services only
Safe repairs	One per 2k	
Sandblast/paint/ powder coat (SMALL)	Ten per 2k	Small items (less than 2 sq Ft). Must specify paint, or powder coat and approved std navy color.
Sandblast/paint/ powder coat (LARGE)	One per 2k	Large items (greater than 2 Sq ft). Must specify paint, or powder coat and approved std navy color.
SCBA Packs	One repair locker per 2k	
SCBA Bottle	One repair locker per 2k	
Escape SCBA	One repair locker per 2k	
Slings, wire rope, boat	Five per 2k	Mfg 1/8" to 1 1/8", dwg or 2L with material & swl
W/T Slings, non- ammo/ammo (wire rope)	Five per 2k	Same size, type, MK & mod
MK 105 Pendants for LSD/LPD/LHA	Up to Five per 2K	For testing, with serial numbers
MK 105 Legs for LSD/LPD/LHA	Up to Five per 2K	For testing, same color only orange or green with serial numbers
MK 105 Pendants for LSD/LPD/LHA	Up to Five per 2K	For testing of entire assembly. Pendant and four legs of the same color with serial numbers
Sounding tube caps	Ten per 2k	Same size/type
Stud installation	5 min per space	
Stuffing tubes	One per 2k	Location on 2L. One per 2K, if Weld repair is required
Submersible pumps	One per 2k	

Torpedo breech mech	Three per 2k	Two jobs per Ship to cover stbd & port units.
Valves	One per 2k	Overhaul
Valve trailer	Fiscal year job	
WTD/WTS/FTD	One per 2k	
Weight testing	One per 2k	
Welder quals	Fiscal year job	Hard copy 2 Kilo in required for documentation. Welders required to bring their own equipment (hood, gloves, goggles, p-grinders and stinger)

4. For equipment or services not listed in this maintenance note, submit a 4790/2K:

- a. With only one associated APL. APL must be for the equipment to be repaired, not the next higher assembly.
- b. With an approved DFS for manufacture of parts per sample where no drawing is available.

5. If in doubt about the number of items permitted on a 2K, or if there are any other questions, contact the applicable SERMC SHIPSUP prior to 2K Submission.

6. If there is a job that requires Technical Assistance (SERMC C200, previously known as FTSCCLANT) and Production (SERMC C900, previously known as SIMA), a 2K must be submitted for both. For example: Ship submits 2K for HPAC overhaul. Technical Assistance will use the one 2K to determine feasibility of this overhaul and make recommendations to the customer and Production. Upon completion of assessment, the ship shall submit another 2K to SERMC production, stating the recommendations and requesting completion of the overhaul based on those recommendations. The first 2K would be TA3 (tech assist) and the second TA2 (SERMC overhaul).

7. The key to the successful completion of any job is proper planning. The SERMC tech library is always available for use. It is imperative that the appropriate personnel are in contact with the SERMC production department planner during ship checks. This ensures the proper identification of required job specifications and scope.

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WFMN Nr	TITLE	DATE UPDATED	LEAD DEPARTMENT
1	RHIB Loaner Policy	27 SEP 2011	900
2	Work Request Guidance	8 FEB 2023	900
3	<i>Boat Davit Assessment & Weight Test (Not issued at this time due to lack of capability.</i>	<i>N/A</i>	<i>900</i>
4	SERMC Personnel Working Aloft	27 SEP 2011	106
5	<i>Passive Countermeasures (PCMS) Readiness Improvement Program (RIP), & Maintenance, Repair & Replacement Procedures. Not issued at this time.</i>	<i>N/A</i>	<i>200</i>
6	Miniature/Micro-Miniature (2M) Electronic Assembly Repair Utilization	27 SEP 2011	900
7	Documentation for Calibration of Test Measurement Diagnostics	3 OCT 2011	200
8	<i>MK 38 Mod 1 Chain Gun System Installation</i>	<i>N/A</i>	<i>900</i>
9	MK38 25mm Chain Gun and M242 Cannon Overhaul Procedure.	23 Jan 2017	900
10	<i>AEGIS MK 99 Control System Collimation (Not issued at this time)</i>	<i>N/A</i>	<i>200</i>
11	<i>Magazine Sprinkler System Recertification Procedure (Not issued at this time)</i>	<i>N/A</i>	<i>200</i>
12	Close-In Weapons System (CIWS) Gun Ammo Handling System (GAHS) Intermediate Level Overhaul Responsibilities	1 AUG 2022	900
13	MK 137 SRBOC Decoy Launching System Refurbishment	27 SEP 2011	900
14	Surface Vessel Torpedo Tube (SVTT) Intermediate Level Maintenance Responsibilities.	27 SEP 2011	900
15	<i>MK 75 / 76 mm Gun ISMAT / ISMEP Procedure (Not issued at this time (On Hold)</i>	<i>N/A</i>	<i>200</i>
16	Antenna Refurbishment Procedure	27 SEP 2011	900
17	Electromagnetic Compatibility (EMC) Survey Request Procedure	7 OCT 2011	200
18	MK 41 VLS Deluge System Water Treatment and Deluge Valve Overhaul	27 SEP 2011	900
19	<i>Fleet Tech Assist (FTA) (Not issued at this time)</i>	<i>N/A</i>	<i>200</i>
20	MK 41 Vertical Launch System (VLS) Cell Hatch Refurbishment and Replacement	27 SEP 2011	900
21	Relief Valve Testing Facility	27 SEP 2016	900
22	Emergency Breathing Air System Pressure Relief Valve Testing	13 FEB 2018	900

23	Standard Working Procedures	7 DEC 2022	900
24	Cableway Assessment	8 FEB 2023	900
25	Gas Turbine Engine Layup	22 NOV 2022	900
26	Brow Gate Loaner Policy	2 FEB 2023	900
27	Cold Lagging Guidelines	6FEB2023	900