

ACTION ITEM NO: 7-30

DATE SUBMITTED: 14 AUG 97

ACTION ITEM NO: 7-30

DATE SUBMITTED: 14 AUG 97

SUBMITTED BY: MALS-31, MCAS BEAUFORT

MALS-11, MCAS MIRAMAR

PROBLEM:

Butting Kits for Side-Opening MF's for use on the T-AVB.

DISCUSSION:

When a Side-Opening MF is used aboard the T-AVB the standard gasket and cover plates do not fit. This presents two (2) problems:

1. The MF's used on the Main Deck (Weather Deck) have a concern with the intrusion of elements.
2. Those Side-Opening MF's complexed on the 2nd Deck are open to the elements as well as the loss of cooling or heating.

RECOMMENDATION:

Design, manufacture or procure a modified ISO Lock (pineapple). This modified ISO Lock would have the base extended approximately 5 to 6 inches with the lock offset to accommodate the adjacent Side-Opening MF. This would allow the Side-Opening MF's to be complexed as in garrison with use of existing gaskets and cover plates and still be securing fastened to the deck of the ship.

ACTION AGENCY:

1) NADEP NORIS (CODE 48701)

2) NAWCADLKE (CODE 482500B562-3)

STATUS: 27 AUG 97

Open. NADEPNI Code 48701 and NAWCADLKE Code 482500B562-3 will conduct a co-investigation on prescribed side-opening butting-kits being recommended to put aboard each T-AVB.

COMPLETION DATE:

TBD

STATUS: 02 JUL 98

Open. NADEPNI Code 48701 after taking measurements on-board the USNS CURTISS, designing and manufacturing a new set of Butting Kit for the SOMF, for T-AVB use only, posed quite a few problems:

- The redesign Butting Kit will be too bulky.
- This will create an additional accessory to be maintained.
- A stowage problem must be addressed.

NADEPNI RECOMMENDATION:

- Replace existing ISO Lock with an Offset ISO Lock to compensate for the gap of deck socket fittings locations.
- Offset ISO Lock are available from Tandemlock Inc.
- Cost of each piece is \$183.00 with a 3 - 4 weeks lead time.
- NADEP NORIS recommends to order eight Offset ISO Locks to be tested on the next T-AVB load exercise for evaluation and testing.

Open. NAWCADLKE Code 4825 proposes a four piece Butting Kit consisting of one segment for the top, each side and bottom. Each segment would consist of material similar to the current standard Butting Kit. Each segment would have a sleeve on each side to retain a metal strip. Through the strip each segment would be bolted to each shelter utilizing the rivnuts for installation of the removable side panel. In addition a walkway consisting of several segments similar to the walkways utilized in the standard personnel doors would be provided. NADEPNI also has an idea proposed. Request users review both ideas and indicate which should be pursued.

NEW COMPLETION DATE:

01 OCT 98

STATUS: 01 OCT 98

Open. NADEPNI Code 48701 is awaiting material ordered for eight each Offset ISO Locks to be tested during a T-AVB Load Exercise being conducted on the East Coast during February 1999 period. NADEPNI to provide findings upon completion of their T-AVB Load Exercise evaluation.

NEW COMPLETION DATE:

01 APR 99

STATUS: 02 DEC 98

Open. NAWCADLKE Code 482500B562-3 awaiting results of offset ISO lock trial. If the offset ISO locks fulfill the requirements, effort on the side-opening butting-kit will not be continued.

COMPLETION DATE:

TBD

STATUS: 02 FEB 99

Open. MALS-31 reports that the test aboard the east-coast T-AVB exercise was only partially successful. The Off-Set ISO-Locks work fine on the Main-Deck but not at all on the Second-Deck. Digital pictures to be forwarded soon. Further investigation is on-going and coordination efforts are being arranged with vendor.

COMPLETION DATE:

TBD

STATUS: 15 JUL 99

Open. MALS-31 is conducting on-going investigations and will provide findings.

COMPLETION DATE:

TBD

STATUS: 19 JAN 00

Open. MALS-14/MALS-31 is attempting to recover the Off-Set ISO Locks from on board the T-AVB USNS CURTISS ship and return to NADEPNI Code 48701, Engineering Support Group, in order to obtain further measurement requirements. On-going investigations will be conducted and findings provided and/or proper Off-Set ISO Locks to be procured.

COMPLETION DATE:

TBD

STATUS: 05 MAY 00

Open. On-going efforts are continuing in order to recover the Off-Set ISO Locks from on-board the T-AVB USNS CURTISS. Once Off-Set ISO Locks are recovered or replacements are procured, NADEPNI Code 48701, Engineering Support Group, will continue investigations and findings provided.

COMPLETION DATE:

TBD

STATUS: 15 JUN 00

Closed. As a result of open-forum discussions by cognizant Fleet personnel during the Logistics Review Group (LRG) Meeting held at New Orleans, La. on 15 June 2000, it was determined that the area(s) in question, Second-Deck on-board T-AVB USNS CURTISS, are environmentally-controlled sealed areas and no additional provisions of Off-Set ISO Locks are required.