

MOBILE FACILITY PROGRAM REVIEW
ACTION ITEM

ACTION ITEM NO.: 3-77

DATE SUBMITTED: 27 MARCH 02

SUBMITTED BY: MALS -24- SSGT Shanks, J.W.
DSN 257-0082/2242

PROBLEM: :Due to the extreme environment in Hawaii, corrosion is the major problem with MFs at our command. The self-sealing coating that is currently being utilized is sprayed thinly and is only applied to the bottom. This leaves the remaining steel portions of the MF vulnerable to corrosion attack at the slightest scratch or ding that can occur on even the most cautious MF movement.

RECOMMENDATION: : MALS-24 has researched and found a coating manufactured by the Diamond Liner Corporation. This coating has been approved by our base HAZMAT for use and can be sprayed locally. It would be used to cover all steel parts including the ISO corners. Due to the adjustable thickness in which it can be sprayed, it will not restrict the use of the ISO corners, nor will it separate or crack when stacked. It is resistant to heat, scrapes and dings, making the MF shell virtually impermeable to corrosion. It will eliminate the need for rivet replacement due to corrosion or from being sheared off.

STATUS: 06 JUN 02

ACTION AGENCY:

Closed. ASL-34 requested at Logistics Review Group (LRG) Meeting held at St. Louis, MO on 06 June 2002 to provide further requirements clarification and to re-submit via proper WING/TYCOMS Chain-of-Command if still required.