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**Date:** January 2011      **MIP** 6341      **MRC:** 11 8QFC N      **Periodicity:** S-1  
**Series:**

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**Location:** Equipment Guide List Recommended

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**Ship System:** Preservatives and Covering 630  
**System:** Deck Covering 634  
**SubSystem:** Deck Covering 6341  
**Equipment:** Interior Deck Covering 6341XY

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<b>Rates</b>	<b>Man-Hours</b>	<b>Rates</b>	<b>Man-Hours</b>	<b>Rates</b>	<b>Man-Hours</b>
DH/Div Off	0.5	DCPO	0.5		
<b>Total Man-Hours:</b>	1.0	<b>Elapsed Time:</b>	0.5		

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**MAINTENANCE REQUIREMENT DESCRIPTION**

1. [Inspect Interior Deck Covering for Wear, Cracks, and Gouges.](#)
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**SAFETY PRECAUTIONS**

1. Forces afloat comply with NAVOSH Program Manual for Forces Afloat, OPNAVINST 5100.19 series.
  2. Materials used in repairing or resealing epoxy flake or polyurethane deck coverings are hazardous. Safety precautions required for handling these materials are given in NSTM Chapter 634 and must be followed.
  3. Avoid eye and skin contact with detergent/soaps.
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**TOOLS, PARTS, MATERIALS, TEST EQUIPMENT****MATERIALS**

1. [00294] Cloth, cleaning, lint free
2. [00366] Detergent, general purpose, water soluble, MIL-D-16791  
Hazardous Material User's Guide (HMUG) Group 7, Disposal Method 3
3. [00880] Measure, liquid
4. [00895] Mop, wet
5. [02274] Pail, utility, plastic, 3 GL
6. [02277] Pad, writing paper
7. [02278] Pencil
8. [02376] Water, fresh, No NSN -- W/C provide

**TOOLS**

1. [03437] Flashlight

**MISCELLANEOUS**

1. [02086] Gloves, chemical and oil protective, Disposable
2. [02200] Conditional Related Maintenance MRC (U-1 (9DHT))
3. [02200] Conditional Related Maintenance MRC (U-3 (9GXR))
4. [02200] Conditional Related Maintenance MRC (U-4 (8YUH))
5. [02200] Conditional Related Maintenance MRC (U-5 (9RTY))
6. [02200] Conditional Related Maintenance MRC (U-8 (1HQ5))
7. [02200] Conditional Related Maintenance MRC (U-9 (1UF0))
8. [03707] Goggles, industrial, non-vented
9. [11922] Hazardous Material Users Guide (HMUG), OPNAVINST 5100.28

**NOTE:** Numbers in brackets can be referenced to Standard PMS Materials Identification Guide (SPMIG) for identification.

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**HAZARDOUS MATERIALS CONTROL STATEMENT(U)**

The Hazardous Material Users Guide (HMUG), OPNAVINST 5100.28, provides additional control measures, precautions, personal protective equipment (PPE), and spill controls for the hazardous material(s) identified in the Tools, Parts, Materials, Test, Equipment block. Maintenance personnel shall determine if additional PPE is necessary to accomplish the MRC and take appropriate action to obtain and wear such PPE to ensure the safety of maintenance personnel. Report any deficiencies via PMS feedback report.

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**PROCEDURE**

**NOTE 1 :** It is necessary to inspect high traffic deck coverings more frequently.

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**NOTE 2 :** Work Center Supervisor review MRC. Omit step(s) not applicable; no feedback report required.

**NOTE 3 :** Department Head or Division Officer who owns the space will accompany the DCPO qualified maintenance person and sign for completion of PMS. A work candidate will be written for inspection even if no discrepancies were discovered. All discrepancies discovered will be detailed in the work candidate.

**WARNING:** Materials used in repairing or resealing epoxy flake or polyurethane deck coverings are hazardous. Safety precautions required for handling these materials are given in NSTM Chapter 634 and must be followed.

**1. Inspect Interior Deck Covering for Wear, Cracks, and Gouges.**

**NOTE 4 :** Sealing coats over deck coverings are necessary to protect underlying chip systems and coatings. An effective sealing coat is resistant to intrusion by water and dirt and is hard enough to sustain routine wear between resealing.

**NOTE 5 :** Ceramic tile systems do not use seal coats. The use of top finishes and finishing type sealers over porcelain ceramic tile may result in a safety hazard due to loss of slip resistance.

**NOTE 6 :** Electrical-Grade Matting does not have a sealer coat. Concentrate on inspections for wear and cracks. Where matting is adhesively-bonded to decking/underlayment, inspect edges for delamination.

**NOTE 7 :** NOMEX false decking is a laminate board which is anchored with a nylon screw or bolt and ferrule counter-sunk into the face side of the laminate substrate. Inspect for missing hardware and damaged boards. Panels should be clean and free of dirt and debris at the time of inspection. Inspect panels for large (Greater than 1-inch) gouges and chips from the edges that expose the aluminum honeycomb structure. Replace damaged panels in order to maintain the structural integrity of the decking. Do not pry panels up using a metal screw driver, always use suction cups to lift panels out of the brackets. Use nylon ferrules and bolts to attach nomex panels.

a. Survey entire deck for general appearance.

**WARNING:** Avoid eye and skin contact with detergent/soaps.

- (1) Put on and remove gloves and goggles, as required for cleaning decking.
- (2) After a routine cleaning, Nomex decking should be free of dirt and debris. If deck is not free of dirt and debris it should be considered soiled.
- (3) For decking other than Nomex, after routine cleaning with liquid soap and hot water, deck surface should present a glossy finish, i.e., light should be reflected with a minimum of diffusion. If deck surface does not present such a finish, or if area has numerous scratches, it should be considered dull and worn.
- (4) Severe wear, abrasion or damage is said to have occurred where chip system or underlying coatings are exposed; where seal coat is cracking or delaminating; or where the panels or matting has been damaged such that integrity of the outer most layer has been compromised.

**NOTE 8 :** Mechanical damage which does not extend to beyond wear or deterioration of sealer coat, which would not allow water intrusion, and which would not threaten system integrity can be resealed, rather than repaired.

- b. Inspect deck penetrations, brackets, and deck edges to ensure seal coat extends continuously from deck surface up to the point it is feathered off on adjacent vertical surface, if applicable.
- c. Record all discrepancies meeting or exceeding criteria of dullness, wear, or mechanical damage as throughout this MR.
- d. Assign corrective action to the appropriate work center.
  - (1) Discrepancies exceeding these criteria, require repair.
  - (2) Refer to table 1 for appropriate MRC to use for type of deck.

TYPE OF DECK	MRC
Dekra-Lite Deck Covering	U-1 (9DHT)
PRC (PRORECO/Intershield) Interior Deck Covering	See Note 9.
T-15 Broadcast Quartz Covering, Interior Deck	U-3 (9GXR)

Epoxy Coated Interior Deck	U-4 (8YUH)
Stratica Tile Interior Deck	U-5 (9RTY)
Nomex Deck	U-8 (1HQ5)
Ceramic Tile Deck	U-9 (1UF0)

**Table 1**

**NOTE 9 :** PRORECO deck covering contains polyurethane and shall not be worked on by ship's force. Work Center Supervisor shall refer work to depot level work center or above that is qualified to work with polyurethane materials. Note that PRORECO 1 decking has been renamed Intershield 1 by the manufacture, as appears on QPD-24613 for Type II, Class 2.

**NOTE 10 :** Work Center Supervisor may consider the MR completed after all discrepancies are listed in the Ship's/Work Centers CSMP, even if the resealing work is to be accomplish by a outside source.

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**DISPOSAL METHODS FOR HAZARDOUS MATERIAL/WASTE IDENTIFIED IN THE TOOLS, PARTS, MATERIAL, AND TEST EQUIPMENT BLOCK**

**Method 3:** If shipboard HAZMINCEN exists, turn in all spent HM and items contaminated with HM to the shipboard HAZMINCEN for collection, processing, and disposal. Overboard discharges permitted in accordance with guide lines set forth in Appendix L of OPNAVINST 5090.1C, Environmental and Natural Resources Program Manual. Contaminated items must be disposed of in accordance with the disposal requirements of the contaminant. If material is an acid or an alkali, follow neutralization instructions in Naval Ships Technical Manual NSTM S9086-T8-STM-010 CH-593, Pollution Control. Store packaging and container for reuse or dispose as solid waste, in accordance with OPNAVINST 5090.1C and NSTM, Chapter 593. Empty container guidance is available in CNO Policy Guide for Shipboard Hazardous Material Container Disposal, OPNAV P-45-114-95.