

# AUDAVI BULLETIN

## REMOVABLE MEDIA CARTRIDGES FOR E-2C MC and ACIS

AUDAVI Corporation is now qualified as the sole-source manufacturer of the removable media cartridges for the MC and ACIS stations in the E-2C Hawkeye. The RMC (NSN 5998-01-467-2032) is used in the MC station during operations and the HTRMC (NSN 7045-01-531-2601) is used in the ACIS station during operations. The HTRMC can be used in either MC or ACIS stations for non-flight applications (i.e. development, programming, data transfer, testing, etc.). Approval for HTRMC use was granted with CCB NO: 2006PMA2310623.



Audavi has worked closely with NAVAIR to produce a form, fit, function replacement for the legacy RMC (NSN 5998-01-467-2032) that utilized the narrow SCSI Seagate disk drives that are no longer available. The new HTRMC (NSN 7045-01-531-2601) utilizes Audavi's HardTape technology to provide a functionally equivalent replacement with a 50% reduction in weight. The new HTRMC is COTS-based, ensuring availability for many years and is also expected to provide a significant increase in service life due to the significant improvement in non-operational shock resistance. Analysis of fleet returns indicated the primary reason for RMC failure was hard drive failures due to "stack shift" were most likely caused by bumps, drops, and bangs during transport and handling. Shock testing supports this assertion with RMC failures occurring with drops from as low as 6 inches on to a hard surface. The new HTRMC's have been successfully tested with repeated drops from as high as 6 feet. Audavi is actively working with NAVAIR to complete the qualification of the HTRMC for use in the MC application during operations.

Audavi has established a BOA with NAVICP (**N00383-06-G-058B**) that can be used for procurement of either RMC or HTRMC components. Audavi has produced and delivered several hundred RMC and HTRMC cartridges for NAVIAR, NAVICP, and FMS customers. Detailed technical and product information on either part number is immediately available from Audavi Corporation.

	NSN	P/N
ACIS	7045-01-531-2601	HTRMC-40-SC50
MC	5998-01-467-2032	LFRMDS-20044-MR

AUDAVI Corporation  
1520 Montague Expwy  
San Jose, CA 95131  
408-435-8100 (Ph)  
408-435-8101 (Fx)

**BOA#: N00383-06-G-058B**

CAGE: 3DJV2  
DODAAC: Q92265  
www.hardtape.com  
info@hardtape.com  
Bulletin: 06-0820