

## **US Navy and US Marine Corps Holocom PDS Standards**

### **References and Technical Instructions:**

The primary references for PDS application for the US Navy and the US Marine Corps

- National Security Agency (NSA) document NSTISSI No. 7003, December 1996
- US Navy and the US Marine Corps IA Publication 5239-22, October 2003.

The Holocom Quality Assurance Checklist guides completion of a technically competent and aesthetic product installation. (Contact the Holocom Services Division at [www.holocomnetworks.com](http://www.holocomnetworks.com)).

### **US Navy and US Marine Corps Holocom PDS Raceway Standards:**

The standard is Steel Raceway.

### **US Navy and US Marine Corps Holocom PDS Enclosure Standards:**

The standard is 16 Gauge Sheet-metal Enclosures.

### **US Navy and US Marine Corps Epoxy Standards:**

The Sea Services qualify the Holocom Networks PDS as a ferrous electrical duct and therefore will only certify its use when all connections are sealed with epoxy.

Additional clarification with respect to use of the Holocom PDS has been provided by both SPAWAR and HQMC, C4 CPIA branch, and these give specific direction for use of epoxy in order for the system to be certified.

The epoxy standard for the Sea Services allows either an opaque or a "clear" epoxy. For aesthetic reasons Holocom prefers a "clear" epoxy that is sag resistant when applied and cures rapidly.

The current accepted method of epoxy application is a continuous ¼" thick bead of epoxy around and along all connector seams, to include the raceway bottom/top seams. Use of epoxy to seal connector seams should include the door of the Universal Connector as there is no Sergeant Greenleaf lock being used. There is not a requirement for epoxy where the Interface Sleeve Flange contacts an "end user" or similar enclosure.

Specific epoxy application standards, techniques and specifications are available from the Holocom Services Division.

Only in the case of a project completed for the Navy Seals has the requirement for epoxy been waived.

### **CONUS/OCONUS Standards**

There are no standards differences between product applications requirements in the Continental United States (CONUS) and outside the Continental United States (OCONUS).

The Services Division Estimator is needed to specify both time and materials for use of epoxy.

**5/16/08.mbh**