



Press Release

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POC: Chris Johnson
Office: (202) 781-3610
Cell: (757) 593-3891
[Christo-
pher.g.johns2@navy.mil](mailto:pherg.johns2@navy.mil)

USS McFaul (DDG 74) First to Receive Navy's New Anti-Corrosion Measure *From Team Ships Public Affairs*

NORFOLK — Representatives from the Naval Sea Systems Command (NAVSEA) and the Surface Ship Life Cycle Management (SSLCM) Activity installed the first full ship set of new anti-corrosion equipment covers on board USS McFaul (DDG 74) at Naval Station Norfolk, Sept. 13.

The new Envelop protective covers are designed to protect weapons and equipment from degradation and corrosion caused by heat, dust, ultraviolet rays, rain and sea water.

Navy trials found the waterproof, breathable covers provide a 90 percent reduction in surface-equipment corrosion. Naval Sea Systems Command (NAVSEA) personnel, assisted by the cover supplier, will train the crew on proper use and maintenance of the covers.

"I look forward to the rollout of this important new tool to fight corrosion," said Rear Adm. James McManamon, deputy commander for surface warfare at NAVSEA, as McFaul's installation was completed. "This is an excellent example of how the Navy is leading the effort to install preventative deterrents in the war against corrosion, minimize the use of volatile organic chemical cleanup agents and to save taxpayer dollars."

All new-construction ship programs will utilize the covers, which were developed through a U.S. Navy small business research grant. By the end of fiscal 2011, every Navy surface ship will be outfitted with the covers.

These efforts are part of a new focus on surface ship readiness. NAVSEA, in coordination with the fleet, has begun a series of initiatives to increase fleet support and improve maintenance practices across ship classes, while also modernizing them to keep pace with mission requirements. These maintenance initiatives are designed to ensure all surface ships are fully mission-ready and able to achieve their expected service life.

— NAVSEA —

Defense News 09/20/2010

InBrief

Cover-up: New Plan Targets Corrosion

The topside of a surface warship near you could soon start to look a little like a suburban driveway, judging by a U.S. Navy announcement that said the fleet plans to field waterproof equipment covers like the ones used by weekend gearheads to protect classic cars.

Naval Sea Systems Command said the covers will protect sensors, weapons and other exposed gear from salt spray and rust, saving the time and money that would've gone to their upkeep. In early tests, the covers reduced corrosion by 90 percent, command spokesman Chris Johnson said.



U.S. NAVY

Under Cover: U.S. sailors on the destroyer McFaul cloak equipment with an Envelop protection cover.

The first ship to get the covers is the Norfolk, Va.-based destroyer McFaul, and the Navy plans to spend about \$6.2 million to field about 80 of them for each surface ship. Ships will get custom sets designed for their equipment.

The covers are the latest brainchild of the Surface Ship Life-Cycle Management Activity, which is charged with getting the most life pos-

sible for non-nuclear surface ships.

"This is an excellent example of how the Navy is leading the effort to ... install preventative deterrents in the war against corrosion, minimize the use of volatile organic chemical cleanup agents and to save taxpayer dollars," said Rear Adm. James McManamon, NAVSEA's deputy commander for surface warfare.

— Phil Ewing

