BELZONA KEEPS OS&D HOSE IN SERVICE

ID: 1426

Industry:	*Marine*	**Customer Location:**	*Liquid bulk storage terminal, NJ*
Application:	*SOS-Ships and Offshore Structures*	**Application Date:**	*October 2009*

Substrate: *Rubber and exposed fabric reinforcement*
Products: ** Belzona® 2111 (D&A Hi-Build Elastomer) ,*

Problem

When inspected by the United States Coast Guard, even superficial scuffs and tears in the outer cover can result in hoses being tagged "out of service". Inspection showed that the reinforcement fabric had not been damaged.

Photograph Descriptions

* Hose #9970 with 3 scuffed up areas exposing reinforcement fabric ,

* Patch #3 area taped off and abraded ,

* Patch #4 area taped off with Conditioner applied ,

* Completed and ready for inspection ,

Application Situation

Scuffs and tears to the cover of 8" OS&D (Oil Suction & Discharge) hoses.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SOS-12.

Belzona Facts

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A typical 8" OS&D hose can cost $3500 depending on length. Superficial damage, meaning damage to cover only, is common when dragged over docks and railings. The Coast Guard, however, can require these hoses be retired from service. If there is no damage to the reinforcement fabrics, a Belzona® 2111 patch system, when fully documented with before and after pictures, has been accepted by the USCG. These specific patches cost approx $1200 in material and labor. 5 patches were installed on three hoses saving the customer approx $11,000 in replacement costs

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