



Prior to surface preparation and coatings



Duplex Fouling Release Red Silicone



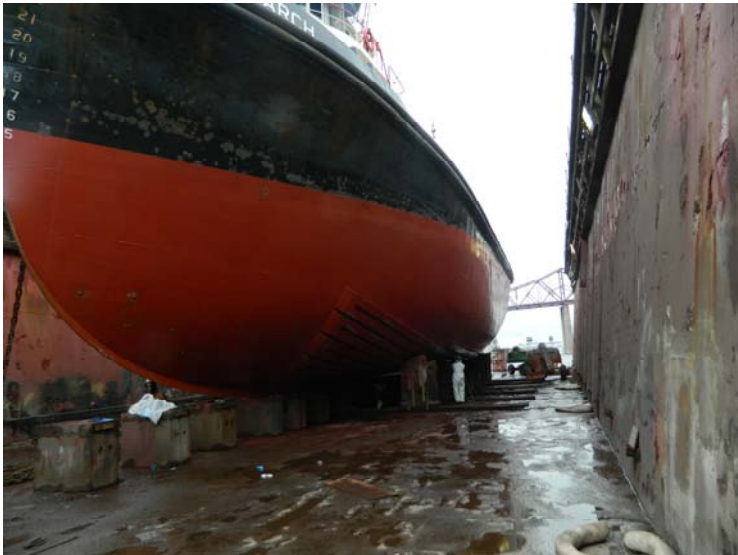
Duplex Fouling Release Red Silicone

Owner/Operator:	Crowley
Ship Yard/Applicator:	North Florida Shipyard, Jacksonville, FL
Vessel Type:	136' Tug Boat
Vessel Name:	Patriarch
New Construction / Maintenance:	Maintenance - full hull recoat, 8,000 sq/ft
Coating Application Date:	1/31/09 through 2/1/09
Coating In Service Date:	Not known
Coating System:	Abrasive blast 1st coat - Sherwin Williams Seaguard 6100 (black) epoxy applied @ 6 mils dft 2nd coat - Sherwin Williams Seaguard 6100 (red) epoxy applied @ 6 mils dft 3rd coat - translucent silicone Duplex Tie Coat applied @ 6 mils dft 4th coat - red silicone Duplex Surface Coat applied @ 6 mils dft

Crowley “Patriarch” Dry docking In Jacksonville, Florida - January 2014



High pressure water washing to remove “soft fouling” that occurred while sitting idle for over a week in the Saint Johns River. This fouling was easily removed at 1900 / 2000psi. No Hard Fouling was evident after 5 yrs of active coating service.



After water washing was completed, minor areas required coating touch ups.