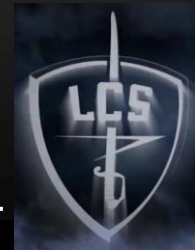




USS FREEDOM LCS-1

Leaving San Diego Bay with new camouflage paint scheme.



YYK Enterprises, Inc.

726 W. 19th St.
National City, CA. 91950

619-474-6229

619-474-8749

3 / 2 / 2013

2013- Successful Preservation of Freeboard & Superstructure.

The USS Freedom is the lead ship of littoral combat ships (LCS). She is the design competitor produced by the Lockheed Martin consortium.

Due to a premature freeboard coating failure, YYK was awarded the opportunity to repair the failed freeboard coating system and apply a camouflage paint scheme onto the freeboard/superstructure using Polysiloxane top coats. These paints are significantly more resistant to fading, color shifting and are far easier to clean than the older, MIL-PRF-24635, Type II or III silicone alkyd coating systems. Please visit the following sites for videos:

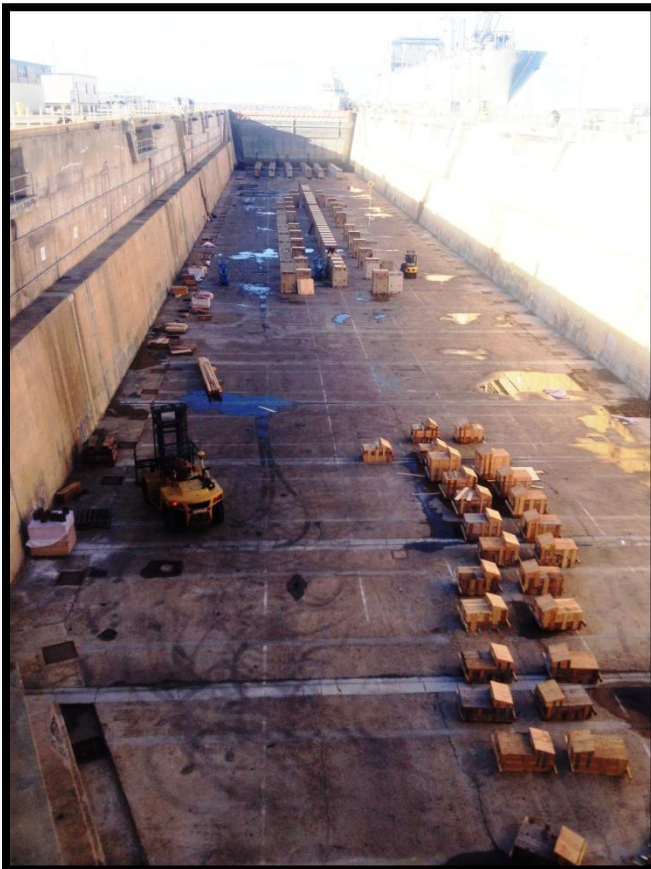
[Shifting Colors: USS Freedom's \(LCS1\) New Camouflage Paint Job - YouTube](#) & [USS Freedom Sports New Paint; Gears Up for Deployment - YouTube](#)



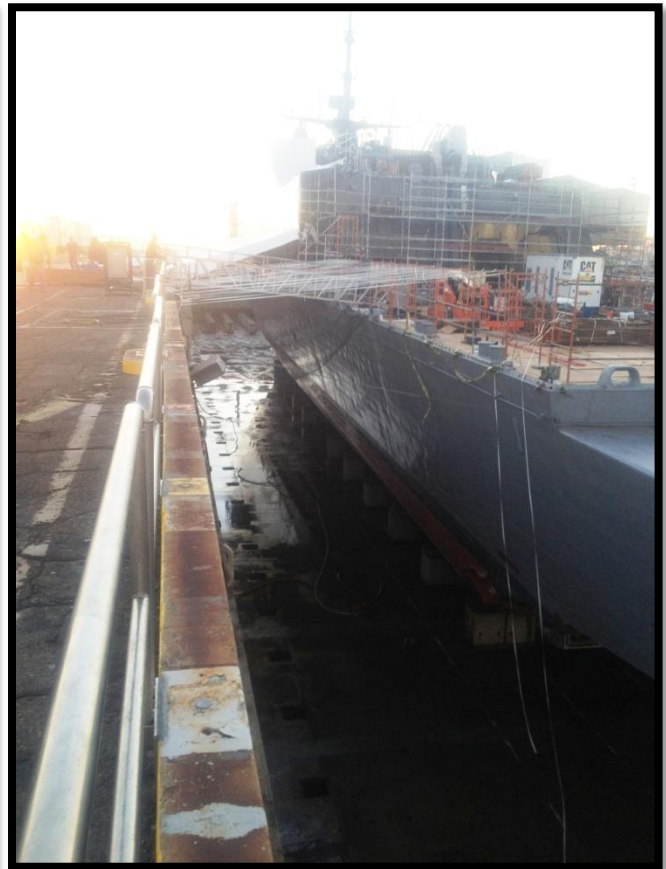
Start of superstructure scaffolding.



Superstructure scaffolding nearly completed pier side.



Preparing graving dock and keel blocks.



Dry docked and proceeding with encapsulation.



Encapsulation continues. Note existing coating failure areas.



Installing protective covering on windows, vent openings, radar & appurtenances.



Encapsulation was completed & ready for surface preparation. The encapsulation was erected to a weather resistant degree due to the upcoming rain days which had been forecasted during the vessels availability.



Steel & Aluminum substrates were abrasive blasted (Garnet & Copper Slag) and primed with epoxy.





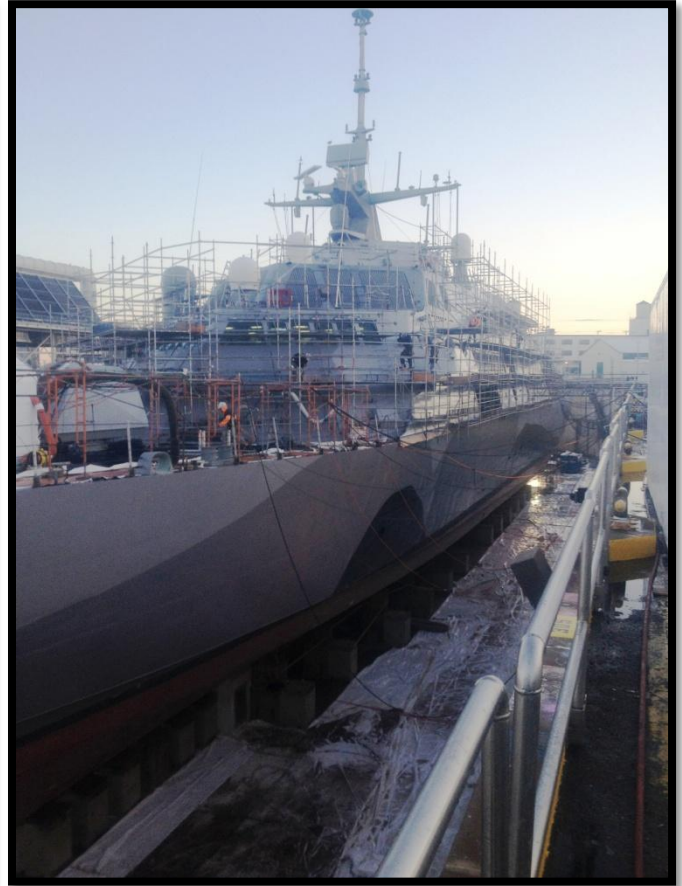
Primer application completed and YVK assures a complete sound primer coat is in place by checking for holidays prior to top coat application.



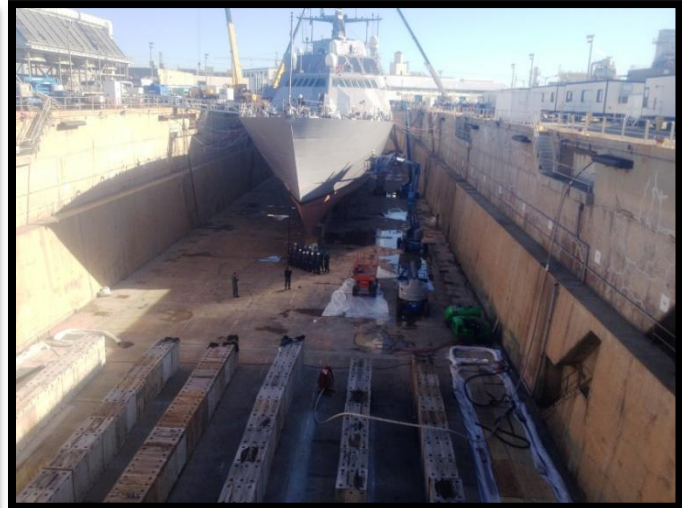
Application of Polysiloxane camouflage paint scheme begins.



Black Polysiloxane is applied near exhaust openings so that exhaust stains don't stand out.



Polysiloxane camouflage paint scheme completed and tear down process begins.



Removal of all scaffolding and cleaning of graving dock prior to undocking.



Undocking process begins.



USS Freedom heads out to stretch her legs and showcase new camouflage paint scheme.



Before Preservation (Haze Gray Freeboard bare aluminum superstructure)



After Preservation (New Polysiloxane Camouflage Paint Scheme)