

Naval Research Vessels Neil Armstrong & Sally Ride

Client Name and Location: US Navy, Office of Naval Research

Date of Application: 2013/2014

Mascoat Representative: Andy Margarit

Applicator: Dakota Creek Industries,
Anacortes WA

Coating Used: Mascoat Marine-DTM and
Sound Control-dB

Primer: Epoxy

Ship Name: Auxiliary General Oceanographic
Research (R/V Neil Armstrong & R/V Sally Ride)

Vessel Length: 238 feet (72.5 meters)

Reason for Application: Anti-condensation, thermal insulation, and sound damping

Mils Applied: 100-160 mils to various areas of the vessel

Time to Complete: ongoing throughout the build

Application Notes: The client decided to use the two coatings because of their rapid application characteristics. Since Mascoat Sound Control-dB can be applied much faster than traditional tile methods, it helps to keep the projects on or ahead of schedule. They then chose to use a combination system for the thermal insulation, first apply Mascoat Marine-DTM and then cover with conventional insulation, for the same reason. Mascoat Marine-DTM can be applied to complex geometry easily to provide the first level of protection, and then the builder can then overlay it with conventional insulation for added insulation value. This also prevents condensation from forming, which can hinder the performance of conventional insulation and promote corrosion, which can be detrimental to a vessel. Please note that conventional insulation is not always recommended to be put on top of Mascoat Marine-DTM, and can be used by itself in many cases.



R/V Sally Ride