

FOULING RELEASE UNDERWATER HULL COATINGS



This NRL vessel which operates in Mobile Bay, AL, has served during the last five years as a test bed for silicone fouling release coatings on the underwater hull. Unlike traditional antifouling coatings which release toxic materials into the water, fouling release coatings depend upon an anti-adhesive property to prevent the bonding of marine fouling organisms.

Some of the features of this new technology include:

- No pollution of operating waters
- Service life limited only by mechanical factors
- No application hazards
- No toxic waste generated when the coating is removed
- Pending acceptance as an operationally satisfactory technology

Patent licenses are available to companies with commercial interests.

Points of Contact

Naval Research Laboratory
4555 Overlook Avenue, SW • Washington, DC 20375-5320

Jane F. Kuhl • Head, Technology Transfer Office • (202) 767-3083 • kuhl@utopia.nrl.navy.mil
Robert F. Brady • Chemistry Division • (202) 767- 2268