

Underwater Hull Cleaner's Best Management Practices (BMPs)

Underwater hull cleaners can lower operation costs, assist their industry, clients and the marine environment by using best management practices (BMP's) to reduce pollution and extend the life of hull paints.

Objectives for BMP Use

- Prevent paints, especially those with copper, from entering the water and sediments.
- Keep paint intact on the hull and remove fouling growth to reduce drag & fuel use.

Hull Cleaner BMPs

- Wait 90 days after applying new paint. Paints release more toxicant when new.
- Soft sloughing or ablative paints release toxicant & paint to water when cleaned. On these boats, clean only running gear and zinc anodes.
- Use only a piece of "carpet", sponge & other soft materials to clean the hull.
- Use soft nylon or similar material on rotary brush machines
- Use stainless steel brushes & pads on non-painted, metal areas only.
- Use more rigorous cleaning pads only as needed to remove hard marine growth.
- Do not sand or strip hull paint underwater.
- Bring zinc anodes back to shore: recycle or dispose properly
- Clean gently to avoid creating a plume or cloud of paint in the water

Advising Boat Owners

The following information may be useful to answer client questions on hull protection & maintenance.

Maintaining the Hull and Paint

- Property applied and maintained paint protects the hull from fouling organisms & improve performance of the boat.
- Correct application also extends paint life by reducing amount lost to harbor.
- Allow 90 days after applying new bottom paint before cleaning underwater.
- Regularly scheduled hull cleaning and Maintenance reduces hard marine growth and hull drag.
- Repair paint bonding problems at haul out to avoid further chipping and flaking of paint into the water.

Protection from Fouling Growth

Toxicants in some hull paints limit cleaning options & Increase toxicant amounts in marine waters. The following may be helpful to clients choosing anti-fouling strategies.

- "Soft" sloughing and ablative (self-polishing) hull paints release copper when cleaned underwater. Refrain from underwater cleanings.
- Hard finish, conventional anti-fouling paints release less toxicant with underwater cleaning.
- Polyurethane and silicone paints contain no toxicant & do not rub off during cleaning. Don't leave most polyurethane painted hulls in water over 72 hours.
- Store infrequently used boats on land. Check local requirements & facilities for storage locations.
- Floating hoist systems hold the boat out of the water In the slip .
- Ask a repair facility if your hull paint remains effective after boat is stores out of the water.