MARELCO™ LIBERATOR

An EMCS Industries Ltd. Product

MARELCO™ Liberator is a game-changer for vessels that are always in transit (i.e. ferries, tugs and cruise ships) and facing marine fouling problems.

Rather than in the sea chest itself, anodes are installed in a small fully accessible tank in the engine room that provides the same protection against fouling and corrosion. The tank pulls seawater from a convenient location in the vessels existing seawater system using a pump and delivers the treated water back into the sea chest or piping system. The anodes in the tank treat the sea chest water in the internal seawater systems and niche areas with copper and aluminum ions, doing the same job as anodes in a sea chest.

The tank is small enough to be located anywhere space is available. The above-deck accessibility means that NO DRYDOCK is required for anode replacement. Once the tank has been installed depleted anodes, can be replaced and maintained 24/7 significantly extending drydock intervals. The Liberator is designed for various applications, including the protection of sea chests, scrubber systems, box coolers, piping systems, and even land-based applications like desalination plants. It can provide fleet standardization when it comes to anode size.

The MARELCO™ Liberator is a turnkey solution, including a control panel, MARELCO™ tank, pump, and strainer.

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APPLICATIONS

- Marine vessels of all sizes and applications
- HVAC
- Floating Production Storage + Offloading

BENEFITS

- Marine growth protection of sea chest
- Marine growth protection of internal seawater systems + niche areas
- Maintains efficiency of the system/vessel
- Reduces carbon emissions due to fuel efficiency
- Reduces the translocation of invasive species
- Possibility of extended drydocking (as not required for anode replacement
- May be maintained 24/7 while vessel is in service
- Can be retrofitted
- Can be specified in the design
- Reduced install time + Reduced labor costs

View Product Video

LIFETIME WARRANTY
MARELCO
EMCS Industries Ltd.

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CELEBRATING 69 YEARS IN BUSINESS