

# ICCP Systems for yachts



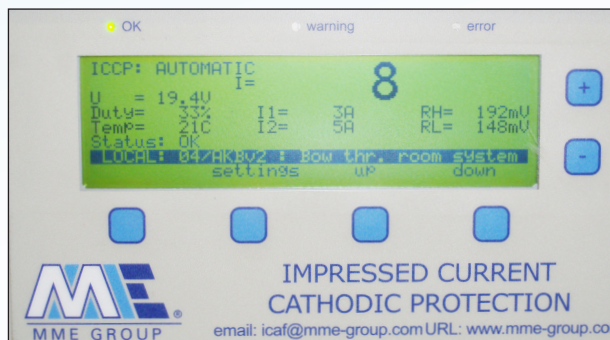
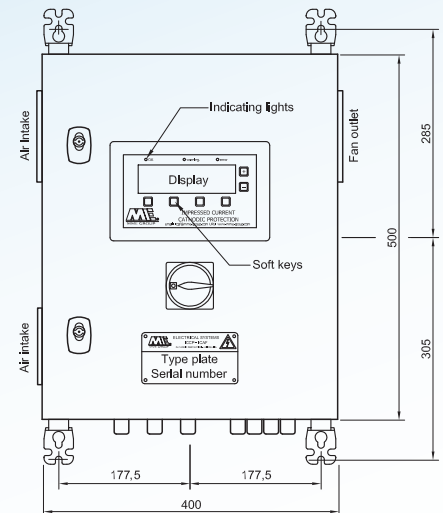
## ICCP50A – Corrosion protection for steel hulls

The prevention and monitoring of corrosion on steel hulled yachts and trawlers by means of Impressed Current Cathodic Protection (ICCP) are part of the core competences of MME Group.

The ICCP50A system uses the latest technology to protect yachts with steel hulls for lengths up to 50 meters against corrosion and exists of the following components:

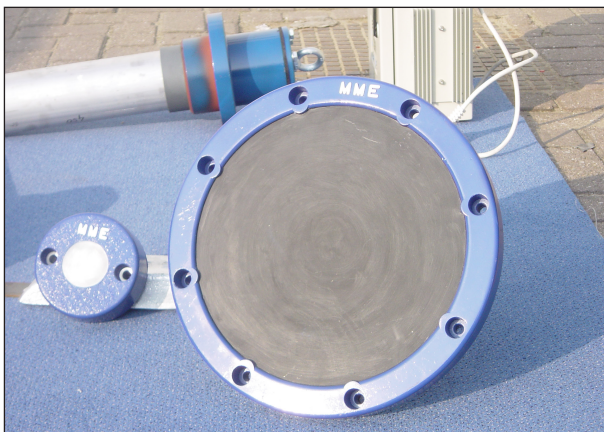
- A compact control panel, high frequency controlled, max. output 50Amps, 230VAC input, 1 phase 50/60Hz, max. 24VDC output
- Flush mounted impressed current anodes (2x) and Flush mounted reference cells (2x) – for a better hydro dynamic performance
- Shaft Grounding system(s) suitable for various shaft diameter to drain any current send out by the ICCP systems and/ or the sacrificial anodes
- Rudder bonding cable(s) to drain any current

The current to the anodes is constantly monitored and adjusted automatically to provide the most optimal level of protection at all times, this contrary to the conventional sacrificial anodes where the level of protection cannot be easily verified and thus can be insufficient to prevent corrosion.



### Advantages:

- Anode lifetime of 15 years – unlike sacrificial anodes
- Always the right level of protection, the system compensates for coating damage
- Flush mounted anodes – smooth hull profile/ higher speed/ fuel savings
- Hull protection can be monitored at all times
- Reduced maintenance costs
- The option to monitor and adjust the settings through internet
- Automatic operation, requires minimal attention and demands only a little on crew time.
- Control panel measures only 400mm x 500mm x 200mm



Pilotschip MDV by Hoekman Shipbuilding

