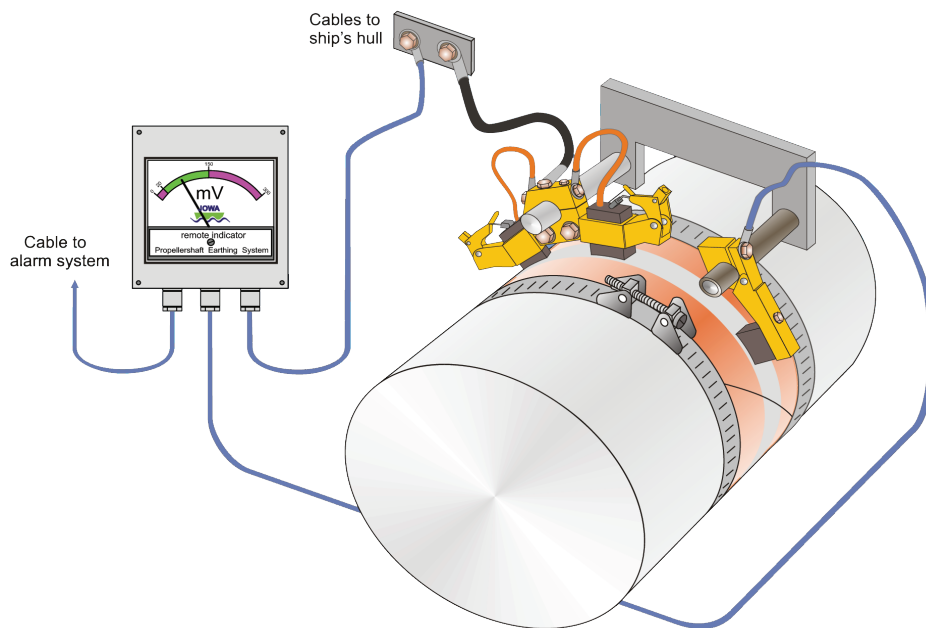


JOWA - PES

PROPELLERSHAFT EARTHING SYSTEM

MISCELLANEOUS SYSTEMS

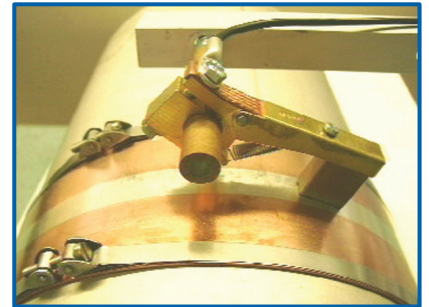
The high efficient JOWA - PES provides best protection against spark erosion, generated between dissimilar materials of rotating propeller (made of bronze) and steel hull being immersed in sea water.



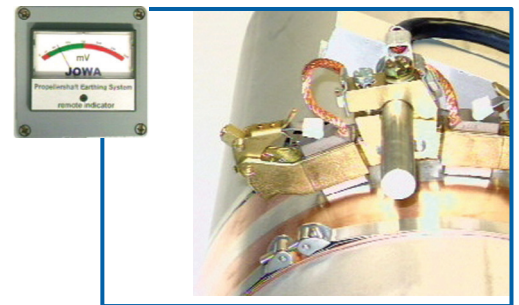
Main Features

- » high efficient slip ring with inserted solid silver track and silver contact brushes
- » remote voltage monitoring system with adjustable alarm output
- » continuous cleaning device to keep shaft earthing ring clean all the time

JOWA - PES protects the exposed propeller and bearings against galvanic or spark erosion damages. High efficiency silver tracked sliprings and proven contact brushes ensure a short circuit between the rotating propeller shaft and the ship's hull.



The effectiveness of JOWA - PES must continuously be controlled to keep the propeller protected. The voltage meter monitors permanent the present condition with output signal to alarm system.



Constant contamination of silver surface increase the risk of spark erosion due to bad contact. Continuous Slipring Cleaning Device prevents increase of the residual potential and keeps JOWA - PES in safe condition over long time.

