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CATHODIC PROTECTION OF WOODEN AND GRP HULLED VESSELS To determine the number and size of anodes required, match the type of vessel and select the anode suitable for the size of propeller and the type of water TYPE A Vessels are single screwed with a very short length of propeller shaft exposed to the water and fitted with GRP or wooden rudders.

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protection and one or more outer layers for mechanical protection. This is as follows: () 0.07 0.004(20) () 0.05 0.002(30) = + - = + - c r c r f final t f average t 5.1.4 Concrete It is now recognized that cathodic protection of concrete reinforcing steel is necessary to ensure the long term integrity of the structure. Also, any CP ...

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MIL-HDBK-1136/1 Cathodic Protection Field Testing | WBDG ...

Richard W. Everts, in Handbook of Environmental Degradation of Materials (Second Edition), 2012. 12.5.3 Cathodic Protection of Internal Surfaces. Cathodic protection is not generally used for the protection of enclosed equipment, except for tanks or other pieces of equipment that have a low surface area of metal-to-volume ratio and an open structure. . This is because the CP equipment cannot ...

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Cathodic protection (CP) is an electrochemical means of corrosion control widely used in the marine environment. This article discusses the two types of CP systems, namely, impressed current systems and sacrificial anode (passive) systems. It describes the anode materials used in these systems and CP criteria.