



**USFilter**

**ELECTROCATALYTIC PRODUCTS**

**CAPAC<sup>®</sup>**

**THE ULTIMATE**

**CORROSION**

**PROTECTION IN**

**SELECTED APPLICATIONS**

**FOR FIXED STRUCTURES**

## CAPAC FOR THE OFFSHORE ENVIRONMENT

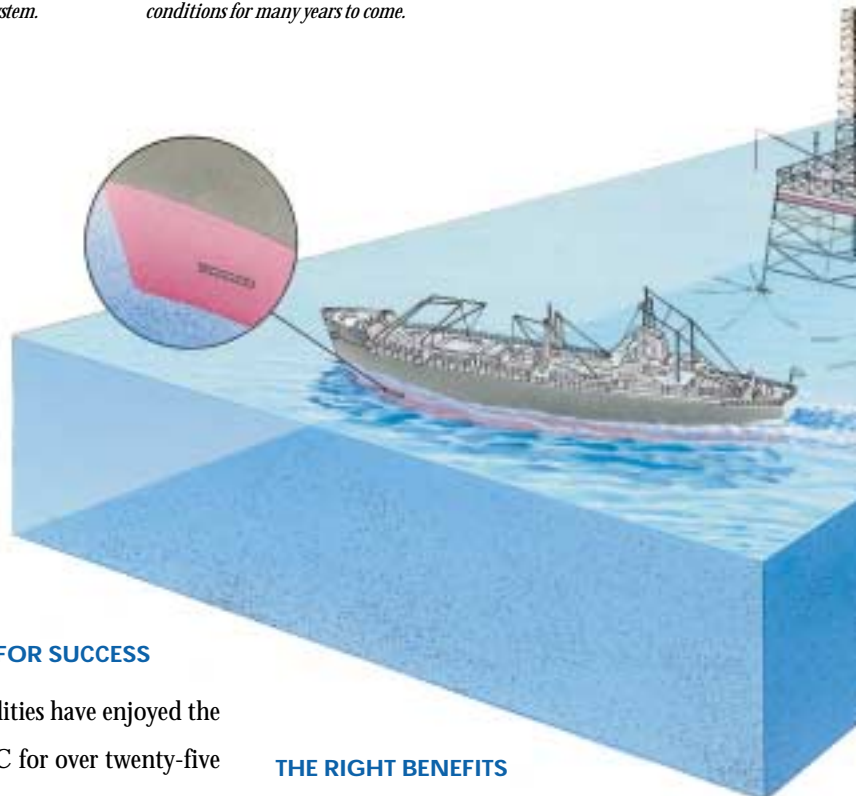
*CAPAC systems are now protecting a wide range of fixed and mobile offshore production and drilling platforms. Our customers recognize the long term benefits of our sea bed sled anode and our "DS" or Diver Serviceable anode designs.*

### CAPAC - THE RIGHT DECISIONS

*Backed by decades of experience, CAPAC has the proven designs, highest standard of engineering, dedicated manufacturing and rigorous quality you need. Now chosen by more owners than any other impressed current cathodic protection system.*

### CAPAC FOR ALL VESSELS

*Full range of products allow CAPAC systems to be approved by all classification societies for all type of vessels. CAPAC will provide the ultimate protection for your hull under all operating conditions for many years to come.*



## THE ULTIMATE SYSTEM IN CORROSION PROTECTION IN SELECTED APPLICATIONS FOR FIXED STRUCTURES

- Anodes
- Reference Electrodes
- Power Supplies
- Remote Monitors
- Shaft Grounding
- Data Logger



## BACKGROUND FOR SUCCESS

Ships and utilities have enjoyed the benefits of CAPAC for over twenty-five years, realizing reduced maintenance and fuel costs. CAPAC has become the generic term in the shipping industry used to denote automatic controlled impressed current protection systems. This distinction was earned through proven 20 year life, highest standards of engineering, dedicated manufacturing and rigorous quality control.

Based on these experiences, a wide range of CAPAC component designs evolved for selected applications for fixed structures. This wide range of components means unique systems can be selected by our engineers and recommended to address your specific needs.

## THE RIGHT BENEFITS

Once installed, CAPAC is working, protecting your investment 24 hours a day, year in, year out, no anodes to replace, no decrease in performance.

CAPAC is backed by a network of worldwide service centers stocked with factory parts and staffed by factory trained service technicians, one of the largest in the industry.

## LOW COSTS

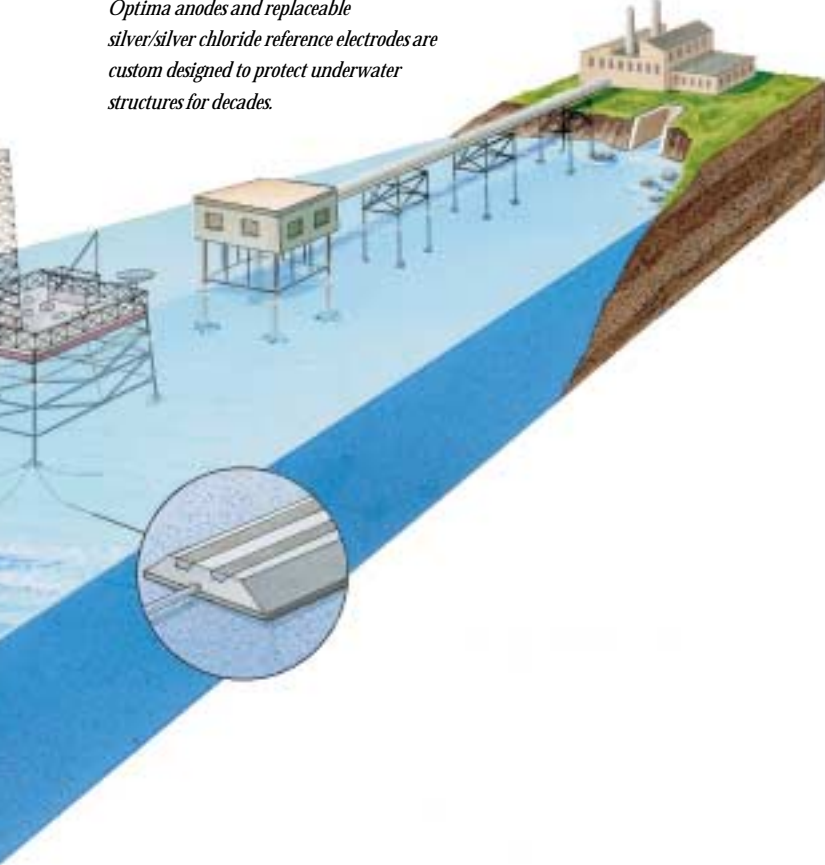
For the CAPAC owner this means:

- Less labor
- Less unproductive time
- Maximum utilization of your plant

CAPAC is a vital management tool for the lowest running cost.

## CAPAC FOR JETTIES AND PILES

*Electrocatalytic produces a wide range of CAPAC anode shapes and designs. CAPAC systems consisting of automatic, high reliability power supplies, replaceable Optima anodes and replaceable silver/silver chloride reference electrodes are custom designed to protect underwater structures for decades.*



## CAPAC FOR POWER PLANT

### CORROSION

*Corrosion protection is required for the cooling water intake, distribution and condenser systems. In addition, underground storage tanks and pipe require cathodic protection. Long-life CAPAC systems fill all the needs. Component selection and current density determinations ensure the performance of the cathodic protection system for the life of the facility.*

## 20 YEAR LIFE

CAPAC is designed for 20 years of operation. The technology is based on proven concepts and proven designs.

- The manufacture based on the highest material quality
- CAPAC systems have been in service for 35 years
- Sacrificial anode systems require numerous replacements in a similar period requiring high labor costs, high repair bills, and excessive down time

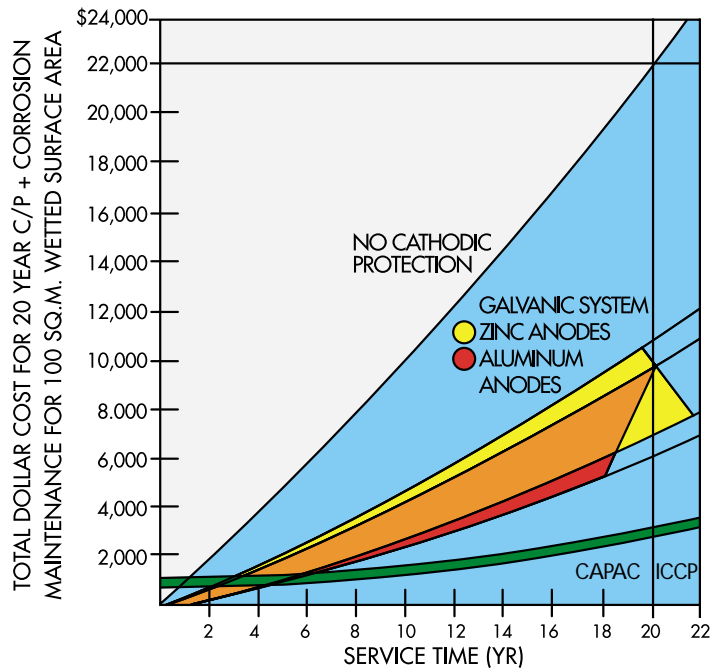
**Can you afford not to install CAPAC?**

## SAFE, AUTOMATIC OPERATION

- Using the most reliable and sensitive control components available, CAPAC responds to all environmental variations. The correct level of protection is attained at all times
- Automatic operation is monitored through a comprehensive instrument system
- Status and alarm conditions are always at a glance



*Power Supply: Highly reliable, automatic, self-controlled transformer rectifiers are available with over/under protection alarm indicators and contacts for an external alarm.*



### CAPAC COST SAVINGS DOCUMENTED

Operators document the total corrosion savings CAPAC provides when compared with sacrificial anodes and no cathodic protection. The graphs above illustrate the cumulative benefits the 20 year CAPAC system achieves.

### USFILTER'S ELECTROCATALYTIC PRODUCTS

USFilter is the leading global provider of commercial, industrial, municipal and residential water / waste-water treatment systems, maintaining operations in more than 100 countries. USFilter's Electrochemical Products are a leading provider of hypochlorination and electrochemical equipment designed to control biological fouling and corrosion at power plants, petrochemical facilities as well as ships and offshore facilities. Founded in 1950, USFilter's Electrochemical Products offer sales and support services worldwide.

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