LIDA® TSA™ Anodes

LIDA® TSA™ Anodes - a mixed metal oxide (MMO) on titanium anode material configured

A tension string anode structure:
- Multiple LIDA® anodes and cable are assembled on a supporting rope.
- Spacers insure the anode is in complete contact with seawater.
- The LIDA TSA™ is connected from the platform to a dead weight on the sea floor.

Performance advantages
- Fewer anodes required with higher current density
- Current output is easily adjusted
- Ease of installation reduces cost of cathodic protection system
- Greater savings in deep water installations
- A twenty year history of successful cathodic protection in platforms from 15 to 120 meters in depth

Case Study:
Loango Field Platforms operated by Agip Recherches Congo retrofit a LIDA TSA™ system over a poor performing galvanic system.

The LIDA TSA™ operated successfully from 1987 to 2005 when it was replaced with a new system to coincide with the 20 year extension in the platforms planned operating life.