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LIDA TSA™ Anodes



Loango Platform



Platform



TSA™ Anode

LIDA TSA™ Anodes — a mixed metal oxide (MMO) on titanium anode material configured and designed to provide superior protection of offshore platforms.

A tension string anode structure:

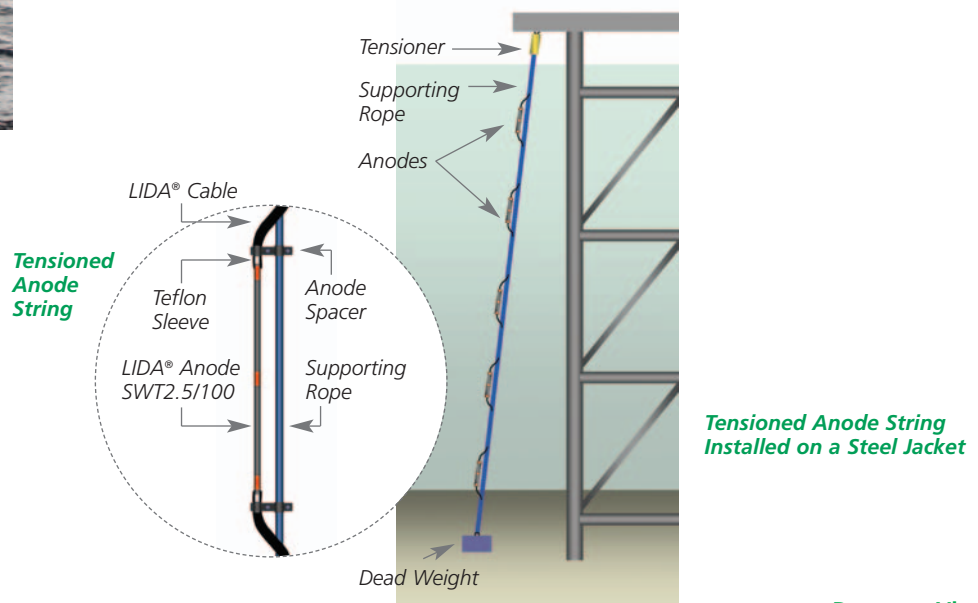
- Multiple LIDA® anodes and armored cable are assembled on a supporting rope.
- Spacers insure the anode is in complete contact with seawater.
- The LIDA TSA™ is connected from the platform to a dead weight on the sea floor.

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.



Tensioned Anode String Installed on a Steel Jacket



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