



Pacu™

Cathodic Protection of Mooring lines

Product Flyer



For further information, email
commercial@imenco.com

Dramatically extend the lifespan of mooring systems with Pacu™

The corrosion of mooring systems for permanently moored offshore structures has long been a recognized challenge and is a leading cause of mooring failures and costly, unplanned replacements.

With rates of corrosion varying significantly across the globe, the only solution until today has been to accept this corrosion with an 'allowance' in the form of thicker chains, using more steel.

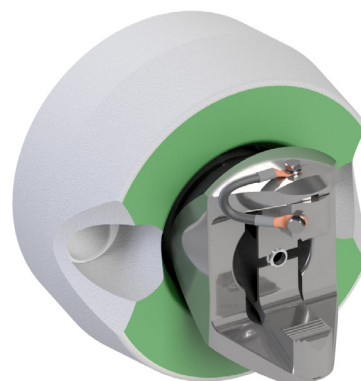
However, with Imenco's revolutionary Pacu™ system, which uses cathodic protection in the form of sacrificial anodes that can be easily retrofitted along the length of the chain, Pacu™ is transforming the available strategies for subsea chain protection.

Setting a new standard in the protection of mooring systems

With extensive experience in cathodic protection, we are setting a new standard in protecting the integrity of your operations. Applicable to any permanently moored structure, the Pacu™ system is adapted to meet the requirements of each installation, ensuring optimal corrosion protection no matter how challenging the environment.

Combining the incredible strength and conductivity of our industry-leading Piranha® clamp with our tailored sacrificial anode solution, Pacu™ is transforming subsea chain protection and halting the progress of corrosion in its tracks to immediately extend the lifespan of mooring systems.

Installed safely and efficiently using an ROV with our custom-built Tool Deployment Unit, Pacu™ avoids the need for costly workovers to replace existing chains and reduces the carbon footprint of mooring chain management. New chains can be thinner and lighter, thereby further supporting the drive for greener, more sustainable operations.



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SMART SOLUTIONS

Why Pacu™?

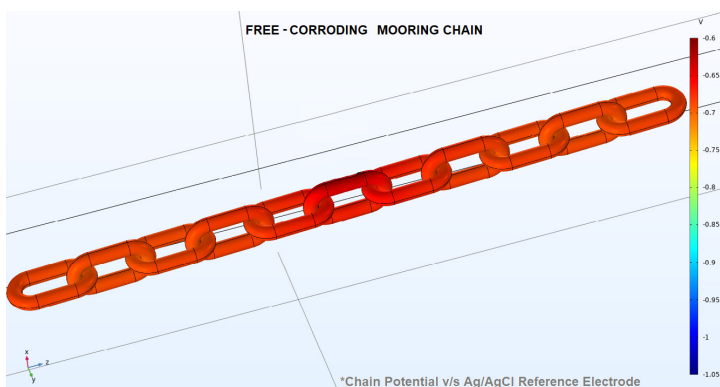
At Imenco, we pride ourselves in ensuring that every aspect of planning, installation and follow-up is thoroughly taken care of, so you can rest easy, knowing that your valuable equipment is fully protected. Harnessing the leading expertise of our team within corrosion technology, we have developed a comprehensive combination of service and hardware to offer unrivaled protection from the corrosion of mooring chains.

Pacu™ provides a comprehensive corrosion-management solution and comprises of:

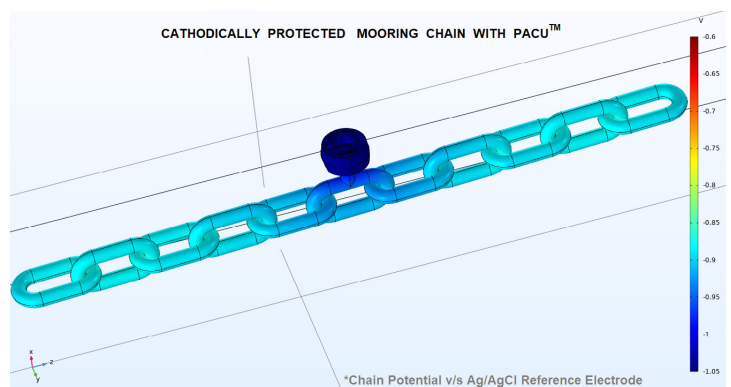
- Expert modelling and engineering capabilities for optimum solution design
- High quality, field-proven materials
- Specially designed discrete sacrificial anodes
- Easy, safe and efficient installation using ROVs
- Documented confirmation of protection

Benefits

- Extend the lifespan of existing and new mooring chains
- Reduce risk of damage or failure of mooring systems
- Lower costs related to unbudgeted, pre-emptive replacements
- Retrofit to existing mooring chains
Use thinner, lighter chains in the future
- Reduce carbon footprint of operations
- Easy, safe installation process using ROVs
- Maintenance-free system



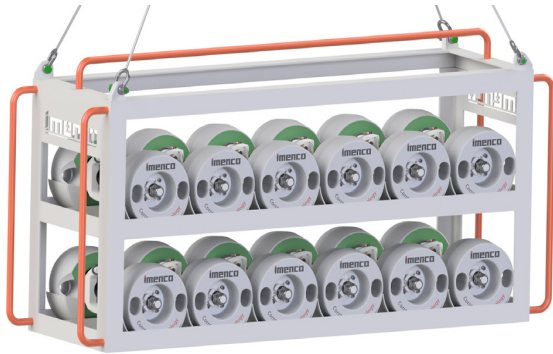
Free Corroding Mooring Chain



Cathodically Protected Mooring Chain With Pacu™

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Installation Process



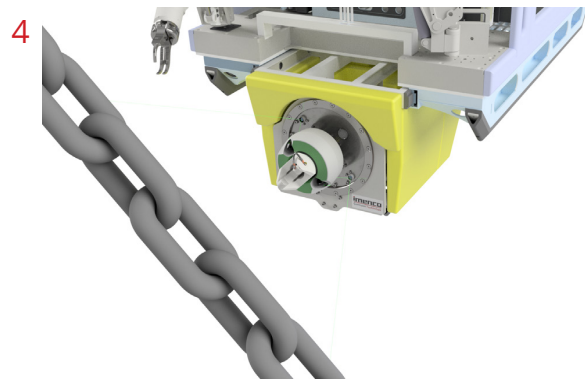
- 1 Up to 24 anodes and clamps pre-loaded onto Imenco's Subsea Transportation and Storage unit at the deck of the vessel for efficient deployment



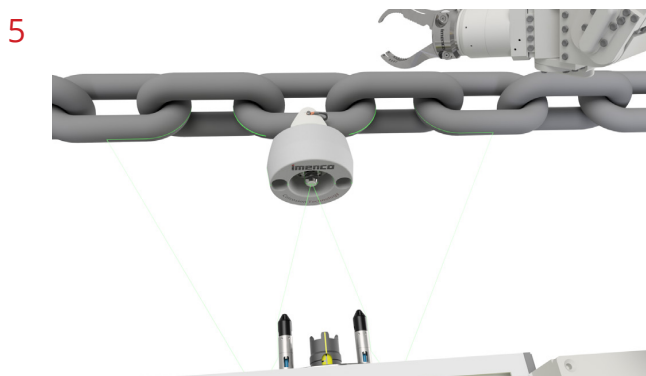
- 2 At installation depth, the ROV's custom-built Tool Deployment Unit (TDU) collects each unit



The anode interface is designed to ensure fast and easy collection



- 4 Using line lasers and an integrated camera in the TDU are used to ensure precise alignment and installation



ROV pilot attaches the clamp to the chain and releases grip