

INDUSTRY FIRST INNOVATION

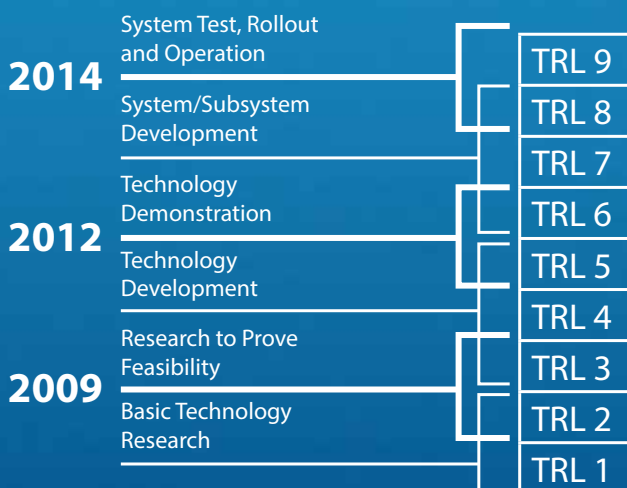
Seatooth CP

World's first subsea wireless Cathodic Protection (CP) monitoring system.

In May 2013, Stork launched an international industry first innovation named Seatooth CP in conjunction with WFS Technologies, a global organisation which delivers underwater wireless instrumentation and control solutions to the Offshore Oil & Gas and Renewables industries.

Seatooth CP underwent rigorous research and development by combining Stork's current CP capabilities and engineering teams with wireless technology from WFS. The newly established innovation monitors the effects of corrosion by measuring anode current wirelessly in "real-time" using a Seatooth S100 device and a wireless enabled ROV.

Although Seatooth CP is in the early stages of market penetration, the technological development has generated a large amount of interest with a number of major Oil and Gas Operators. The below diagram illustrates each Technology Readiness Level (TRL), a NASA approved staging process, that Seatooth CP has undergone. Now at the 'technical demonstration stage', Stork and WFS will be working closely together in 2014 to progress through to the final TRL, "System Test, Roll and Operation".



By partnering with another pioneering organisation, Stork has again produced an industry first system. No other technology currently offers this capability or the potential to gather data wirelessly in real time and therefore Seatooth CP signals a significant advance in Subsea Asset Integrity Management.