

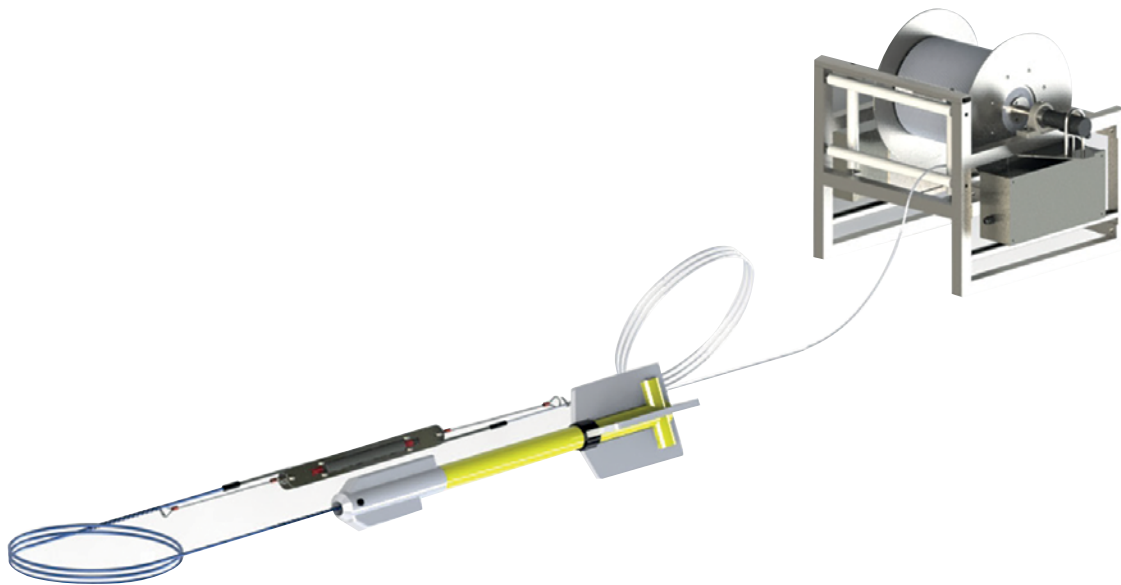


SUBSEA TECHNOLOGY & RENTALS

STR MAGNETOMETER EXTENDER SYSTEM

Unexploded Ordnance (UXO) risk management is proving to be an ever increasing requirement for pre-installation surveys of offshore wind farms and pipe laying operations. STR has successfully developed a turnkey solution for marine UXO detection which offers considerably improved survey cost effectiveness.

The STR Magnetometer Extender System is a proprietary 5 channel serial extender platform with subsea power conditioning to effectively integrate an array of up to 5 marine magnetometers towed independently behind a vessel. A topside control interface gives the user individual or combined control of the magnetometer towfish altitude above the seafloor and each telemetry link provides a robust output to magnetometer data acquisition and processing software packages.



KEY FEATURES

- Up to 5 Channel Operation
- Up to 330m Cable Length
- Cable Fault Monitoring
- Very Low Latency RS-232 link
- No User Configuration Necessary

STR MAGNETOMETER EXTENDER SYSTEM

The system operates over ¼” four core armoured cable mounted on a small footprint STR Powered Cable Reel (PCR), ideal for small boat operations.

The system will work over a wide range of four core cables, utilising 2 conductors for power delivery and 2 conductors for two way current modulated communications.

The current modulated communications allows operation of very high baud rates over long cable lengths, far in excess of what is possible using the RS232 communications from the magnetometer alone.

In addition to the safety benefits of the low voltage supply, the system is installed with an integral electrical leakage monitor circuit and audible alarm.

STR Powered Cable Reel

