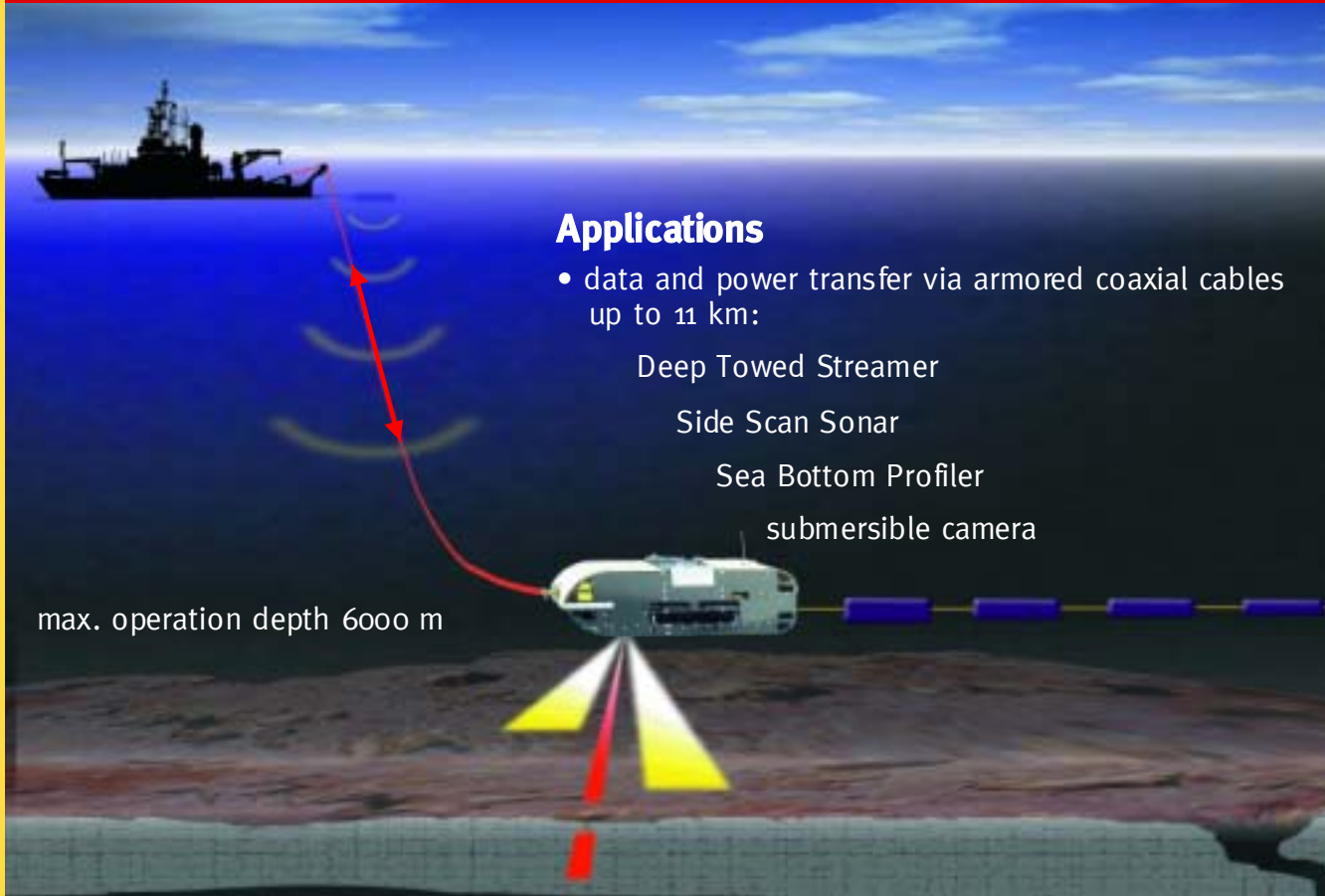




DSC-Link

Cable Telemetry for Deep Towed Systems



Applications

- data and power transfer via armored coaxial cables up to 11 km:

Deep Towed Streamer

Side Scan Sonar

Sea Bottom Profiler

submersible camera

max. operation depth 6000 m

Telemetry Systems

Description

The Deep-Sea-Cable-Link has been developed for the data transfer of deep towed sensor systems via underwater coaxial cables, which carries the power supply for the deep sea electronics as well.

Simultaneously it transfers 5 MBit/sec of digital data, 300 Watt of power, and two real time trigger signals.

This is sufficient to operate a 48 channel streamer, a side scan sonar, and a sea bottom profiler simultaneously.



Technical Details:

Data transfer bandwidth:	5 MBit/sec @ 11 km cable length
Net-power:	300 Watt for deep sea electronics
Trigger signal delay:	< 500 µsec
Deep Sea Electronics fits in a 190 mm diameter pressure tube.	



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