BGS SPARKER PROFILING SYSTEM

SPECIFICATIONS

EG&G 9 multi-tip candle sparker array towfish or BGS 4 x multi-tip candle array towfish Teledyne single channel, 7-element hydrophone on reel HV source with up to 2 KJ output HV generator independent of ship's supply, if required BGS/CODA digital acquisition and processing system Waverley thermal recorder

OPERATIONAL REQUIREMENTS

The system is self-contained but requires 240 VAC for recorders and trigger lines. Over-the-side deployment is by hand and the hydrophone is normally flaked onto the deck prior to deployment. Dry laboratory space (minimum 1m x 2m x 1m high) is required for electronic processing and recording equipment with additional drawer/cupboard space and box storage for spares and consumables.

Deck space for HV generator: (1 m x 2 m x 1.5 m high) 880 kg weight, if required **Deck space for HV Container:** (2.4 m x 2 m x 2.15 m high) 3 tonnes weight, if required

Deck space for stowing and deploying sparker towfish: 2 off 2.8 m x 5 m

Deck space for stowing and deploying hydrophone reel: 1.2 m x 6 m x 1.35 m high

BGS towfish (orange cable); hydrophones on reel; EG&G towfish

BGS/CODA Digital Acquisition System.





HV PSU and Triggered Capacitors



CODA DA200 Unit



CODA DA200 Monitor



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