



АКЦИОНЕРНОЕ ОБЩЕСТВО

КОНЦЕРН МОРИНФОРМСИСТЕМА-АГАТ

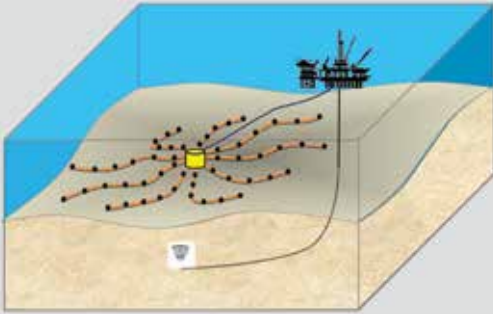
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MDA-KROT

MULTI-LINEAR BOTTOM ANTENNA



MDA-KROT comprises the following:

- digital seismic cables (streamers);
- underwater module for geophysical data collection;
- main optical and electronic cable;
- power supply unit;
- AWS;
- software for registration and display of seismic data.

SPECIAL FEATURES

Developed technological solutions enable the deployment and retraction of MDA-KROT antenna on small general-purpose ships within 1-2 days.

MDA-KROT Multi-linear Bottom Antenna is designed for seismic and acoustic monitoring of hydrocarbon resource development on the continental shelf, control of well drilling on the shelf as well as hydraulic fracturing.

MDA-KROT antenna is also designated for control of underwater situation within the water areas.

MAIN SPECIFICATIONS

Sea depth	up to 200 m
Antenna aperture	~ 1 km ²
Number of seismic cables (streamers) of the antenna	up to 20
Number of antenna sensors	up to 500
Operating frequency range	3–300 Hz
Data sampling frequency	4 kHz
Seismic cable (streamer) length	500 m
Seismic cable (streamer) weight	100 kg
Number of sensors in a seismic cable (streamer)	25
Distance between sensors	20 m
Cable diameter	12 mm
Piezo ceramic pressure sensors	presents
Individual PCB with ADC for each sensor	presents