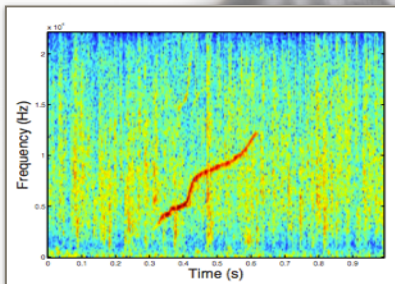
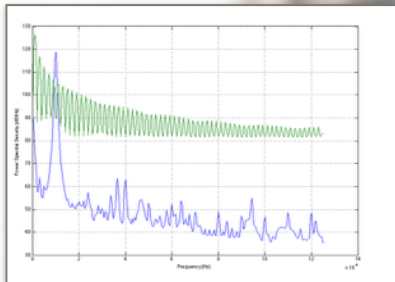
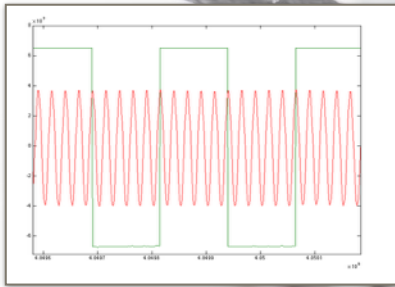


SUBNERO ACOUSTIC RECORDER

Multi-hydrophone data acquisition system designed for extended deployments



BROADBAND DATA ACQUISITION SYSTEM

Designed to support 1 or more hydrophones with an aggregate sampling rate of up to 500kSa/s. Factory settable low pass and high pass filters.

DEPLOYMENT ENDURANCE

With the ability to schedule varying-duration deployments, aRecorder allows rapid environmental assessment where no previous data might have been available. aRecorder is designed for minimal manual intervention as well as ease of deployment & retrieval.

INTEGRATED SENSORS

Additional sensors such as GPS, depth sensors, compass etc. can easily be integrated to the system, catering to a variety of applications.

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FEATURES	DETAILS
Hydrophones	up to 4
Receiving sensitivity	-211dB \pm 3dB re 1V/ μ Pa
Horizontal Directivity Pattern	Omnidirectional \pm 2dB at 100kHz
Vertical Directivity Pattern	270° \pm 3dB at 100kHz
Bandwidth	1Hz - 170 kHz (with factory settable filters)
Sampling rate	500 kSa/s (aggregate)
ADC	16 bit
Storage	128 GB (>30 hours of acoustic recording @ maximum sampling rate)
Battery	User replaceable, 15Ah, 18V (typical)
Battery duration	>30 hours of continuous recording >12 days of sleep (typical)
External power	110 - 230V AC
Depth rating	100m (Customizable)
Sensors	GPS, depth sensor, compass
Ability to schedule recordings	Multiple
User interface	Browser based
Communication interface	Ethernet

