OCEANETIC (2011) Ltd. MEASUREMENT

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Oceanetic 's 27 KHz StationFinder Pinger provides a reliable acoustic signal for locating subsea moorings. This self-contained instrument has an easily-replaced internal battery pack, and programmable features to maximize deployment lifetime in harsh subsea conditions.



Dimensions: 44 cm tall X 7.5 cm diameter

Depth rating: 1500 m*

Weight: 2.7 kg dry weight

Housing: Aluminum pressure case & Delrin top cap (can be retrofit to existing 39 cm case from Oceanetic Argos Beacons)

StationFinder

Ping:

- Frequency: 27 kHz
- Rate: Programmable (0.5 10 seconds)
- Duration: 10 ms

Acoustic power: 0.5 Watts*

Horizontal Range: 1 NM*

Temperature operating range: -10°C to +40°C

Batteries:

- 12 Volt, 16 AH
- Field replaceable.
- 2.5 years typical battery life @18 hrs/day, 1 ping/second rate

Power Consumption:

- 60 uA standby
- 80 mA during ping

Programmable features:

- Delay start (0 1000 days)
- Daily start / stop times
- Seasonal start / stop times
- Ping rate

*testing in progress.

Oceanetic Measurement (2011) Ltd. designs & manufactures robust scientific monitoring equipment & provides services for worldwide research into changing oceans, ice caps & fresh water systems.

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