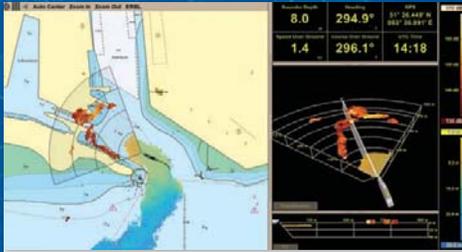# FAR SOUNDER

A WHOLE NEW VISION UNDERWATER

Forward Looking Navigation Sonars
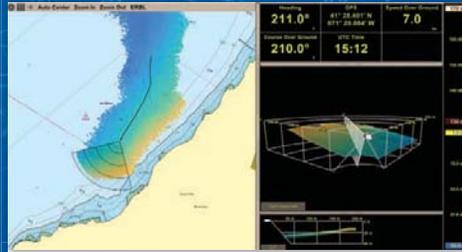# FarSounder-500 / FarSounder-1000 Series

Leading the Way in 21st Century Navigation

Innovative Technology

- ▶ Receive true, real-time 3D images
- ▶ Image updates with a single ping - no waiting for a sweep
- ▶ Chart plotting capabilities using vector charts
- ▶ **NEW** Local History Mapping (LHM) creates real-time charts everywhere you sail

Safe Navigation

- ▶ Get an underwater picture up to 1000 meters ahead of your vessel
- ▶ Detect hazards including iceburgs before a dangerous situation occurs
- ▶ Navigate shallow waters comfortably
- ▶ Explore new bays, inlets and rivers waters safely
- ▶ Used by all types of vessels in oceans and seas around the globe

Easy Operation

- ▶ Use one system with a user friendly interface
- ▶ Streamline information with nautical chart overlay
- ▶ Enjoy the benefits of a fixed installation
- ▶ Sturdy, stationary equipment with no moving parts
- ▶ Simple to maintain

Environmentally Friendly

- ▶ Detect whales traversing your path
- ▶ Produces sounds safe for marine mammals
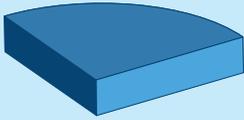- ▶ Navigate away from sea life and coral reefs

FarSounder-500
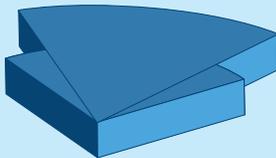
16.4"
[417 mm]

7.1"
[181 mm]

10.0"
[254 mm]

36 kg (85 lbs)

FarSounder-1000

18.4"
[468 mm]

8.0"
[203 mm]

9.8"
[248 mm]

38 kg (90 lbs)

Because your radar can't see underwater and your echosounder only points down.

	FarSounder-500	FarSounder-1000
Range/Field of View	100m, 200m, 500m x 90°	100m, 200m, 500m x 90° 1000m x 60°
Operational Speed	Up to 20 knots	Up to 25 knots
Chart Overlay	C-MAP Norway, S-57 and S-6	
3D Forward Looking Display with True Target Motion™	✓	
Bottom Mapping Range	8x Water Depth	
Maximum Depth Detection	50m (165 ft)	
Power Requirements	110/220 V, 50/60 Hz @ ~120W	
Operating Frequency	61 kHz	
Maximum Output Power	<1500 Wrms	
Angular Accuracy	~1.6°	
Roll/Pitch Stabilization	+/- 20°	
Multi-Ping Target Stabilization	✓	
User Defined Automated Alarms	✓	
Display of Ship's Navigation Information	Heading, Course Over Ground, Lat/Lon, Speed, Echosounder Depth, Rate of Turn, NMEA 0183: RMC, GGL, GGA, VHW, VTG, HDT, HDG, DBT, DPT, ROT	
Operating System	Windows 7	
Integration into 3rd Party ECDIS/ECS	Wärtsilä Nacos Platinum, Transas, Sperry-Marine	
SDK Available	✓	

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