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Furuno Introduces Cost Effective & Highly Accurate SC30 Satellite Compass

Camas, WA — A multi-function navigation system utilizes your vessels heading information for a variety of applications, so having highly accurate heading data is more important than ever. Taking this into consideration, Furuno has developed an all-new, 2-antenna satellite compass that is easier on the wallet, provides better than 1.0 degree true heading accuracy, and also includes new vertical motion sensor technology enabling a unique Fish Finder Bottom Stabilization process that Furuno calls Heaving Compensation!

This revolutionary satellite compass comes with compact GPS antennas and a built-in processor, alleviating the need for an additional display at your helm. Simply plug the SC30 into your NMEA2000 network or a NavNet 3D Digital Radar Sensor (DRS), and this all-in-one unit will deliver incredibly accurate heading data, as well as pitch, roll, rate of turn, and heaving compensation data. Calculating pitch and roll data requires data from two vectors. Previously, Furuno accomplished this with three GPS antennas, but the SC30 employs a 2-antenna system to provide the first vector, while a 3-axis rate gyro and a new vertical acceleration sensor creates a precise second vector.

This is all fine and good, but you are probably wondering how this really benefits you. If you have a Radar, Chart Plotter, Autopilot, AIS, Fish Finder or Sonar on your vessel, then the SC30 can improve the accuracy of those units. If you have a Radar like Furuno's NavNet 3D, NavNet vx2, FR8002 series, etc., you will be able to access the Radars true motion echo trail feature. True echo trails are helpful for determining own ship's movement, as well as that of other vessels. The SC30 heading accuracy and speed ensures that echo trails are displayed with smooth lines.

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For Furuno Fish Finders with Heaving Compensation capability, like Furuno's DFF1 combined with NavNet 3D, FCV30, FCV1150, etc., the SC30 removes the common "Saw Tooth" bottom effect that appears during rough sea conditions even though the seabed is actually flat! Heaving compensation also removes the need to invoke Fish Finder "Bottom Lock" display modes that can mask important bottom details and cause wavering fish target echoes. Heaving compensation also improves Maxsea Personal Bathymetric Generator (PBG) data collection and storage by stabilizing and improving digital depth accuracy from these compatible Fish Finders.

Finally, if you have a Sonar like Furuno's CH250, CH300, etc., the SC30 will add pitch and roll compensation. The pitch and roll compensation data allows Furuno sonar systems to display an unwavering presentation and facilitates stable detection, even in foul weather conditions.

Some other advantages of the SC30 satellite compass include a short start-up time of three minutes, excellent follow-up rate of 45-degrees/second for high-speed craft, and the ability to connect to NMEA2000 or NMEA0183/AD10 format (with an optional interface unit.) The SC30 is very cost effective on two fronts. First, the SC30 has a very low MSRP of under \$2,695. Second, unlike traditional compasses, the SC30 is free from regular maintenance. If you're looking for a way to get more functionality out of our NavNet 3D, FI50 Instruments, Fish Finder, or Radar, the SC30 is a logical next step.

To learn more about Furuno's new SC30 Satellite Compass, or the complete line of quality Furuno marine electronics, see your local Furuno dealer or contact: Furuno U.S.A., 4400 N.W. Pacific Rim Blvd., Camas, WA 98607. Phone: (360) 834-9300. Fax: (360) 834-9400. You can also visit Furuno's informative Web site (www.FurunoUSA.com).

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