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CONSUMER EDITION
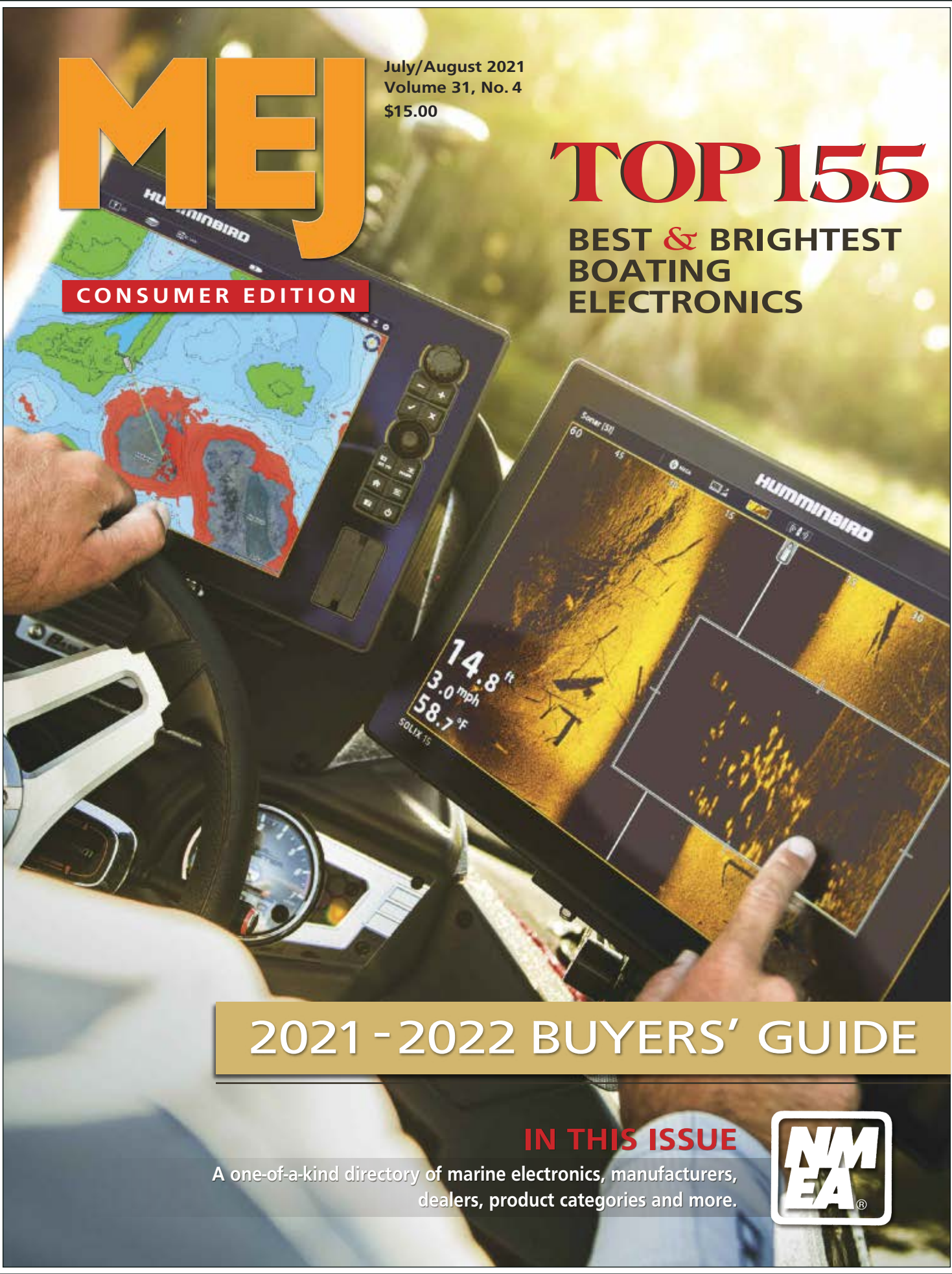
July/August 2021
Volume 31, No. 4
$15.00

TOP 155

BEST & BRIGHTEST BOATING ELECTRONICS

2021-2022 BUYERS' GUIDE

IN THIS ISSUE

A one-of-a-kind directory of marine electronics, manufacturers, dealers, product categories and more.

NMEA

ALARMS   ANTENNAS   AUTOPILOTS   BATTERIES   COMPASSES   CONTROL SYSTEMS   DEPTHSOUNDERS

ELECTRONIC CHARTS   EPIRBS   FISHFINDERS   GMDSS EQUIPMENT   GPS SATELLITE RECEIVERS   INSTRUMENTS   MOUNTS   NIGHT VISION

NMEA 2000 PRODUCTS   PLBS   RADAR   RADIO TRANSCEIVERS   SARTS   SATELLITE COMMUNICATIONS

SATELLITE TV   SONARS   SPEAKERS   STEERING CONTROLS   STEREO SYSTEMS   TRANSDUCERS   WEATHER INSTRUMENTS   AND MORE...

VESSEL MONITORING SYSTEM

Engine/fuel/electrical

Actisense EMU-1

The Actisense EMU-1 is a specialized analogue to NMEA 2000 gateway that converts data from analogue engine and fluid level gauges/senders into NMEA 2000 data. The EMU-1 enables the sharing of engine data by digitizing analogue sensors, enabling NMEA 2000 displays throughout a vessel to monitor and indicate engine parameters. It can monitor vital engine parameters such as temperature, pressure, RPM and fluid levels from one or two engines. The free Actisense Toolkit software has a large gauge library of pre-sets that covers the majority of engine sensors in use today, plus Custom Gauge Manager functionality to handle anything else.

⭐ **www.actisense.com**

Böning AHD 1312GW

The Böning AHD 1312GW is a 12-inch, high-resolution (1280 x 480 pixels) engine display compatible with any electronic marine engine with SAE J1939 or NMEA 2000 protocol. Böning's new generation of displays combines increased performance and functionality in a valuable modern design with increased operational safety and ease of operation on ship bridges. Their luminosity of up to 1000 cd/m2 ensures good readability at all times, even during bright sunlight. Automatic dimming further ensures that the displays operate without glare especially when cruising at night. The AHD 1312GW is suitable for multiple outboard engines (up to six), has a log of past events, and stores the last 24 hours of data for trend analysis.

⭐ **www.boening.com**

FLIR AX8

Gain an entirely new view of your vessel's mechanical system with the FLIR AX8 thermal monitoring camera. Combining thermal and visible cameras in a small, affordable package, the AX8 integrates with Ethernet networks or with Raymarine MFDs and sends audible and visual alerts when the temperature of machine parts rises or falls from preset thresholds. Keep a watchful eye on such critical equipment as engines, exhaust manifolds, and shaft bearings and spot problems before they leave you stranded on the water. And FLIR's exclusive MSX imaging blends visible and thermal images for more detailed imagery that is easier to understand.

⭐ **www.flir.com**

GOST IP67 *(electrical)*

The GOST IP67 Low Voltage Sensor is designed to stand up to the harsh marine environment and is set to trigger an alarm when the voltage drops below 11.6V (on 12V sensor) or 23.2V (on 24V sensor) for more than 2 minutes. This sensor will monitor any 12V or 24V battery bank. A dip switch on the circuit board allows installers to switch the voltage monitored between 12- or 24-volts DC.

GOST MINI Dome PTZ 1080P AHD *(engine)*

The new miniature GOST MINI Dome PTZ 1080P AHD camera is a discreet yet powerful safety solution for monitoring activity aboard, from the engine room to the cockpit. Measuring 4.8 inches in diameter, this camera is tiny compared to most pan-tilt-zoom cameras and is a rugged marinized GOST camera that is tamper-proof and water-resistant for interior or exterior mounting. The camera includes a 2.0-megapixel sensor that provides high-resolution 1080p images. The camera also has a 4x optical zoom lens and is compatible with the GOST WATCH HD-XVR HD for remote viewing, storage, and notifications.

⭐ **www.gostglobal.com**

VESSEL MONITORING SYSTEM

Multifunction

Böning B:MACS PE

Böning's B:MACS Plotter Edition is suitable for any size vessel with a multifunction display. For many years, alarm, monitoring and control systems have been delivered with their dedicated displays. B:MACS PE was developed especially for connection to the chartplotter to expand the range of applications. The type-approved Böning hardware is used to connect to the vessel's sensors. The new AHD-CPG (Chart Plotter Gateway) interfaces with the MFD (for example the Garmin 8600 series), using modern HTML5 communication, creating a Böning tile in the MFD's menu page. Graphics can be individually created for each vessel, giving the user unlimited possibilities of monitoring and automation.

⭐ **www.boening.com**

Digital Yacht NAVDoctor

Quickly check your NMEA 2000 network for physical and data issues. Check bus voltages, load and frame errors. View PGN data and data sources and produce a printable diagnostics report from this portable, wireless network diagnostics tester. View data on any connected device like iPhone, Android, PC or MAC with no complicated software to install.

⭐ **www.digitalyachtamerica.com**

Garmin OnDeck

Track, monitor and control switches on your boat from anywhere with the Garmin OnDeck system, a fully integrated remote connectivity solution. The OnDeck hub allows you to monitor your boat's battery status, bilge activity, security sensors, GPS location and more. Set up alarm notifications in the ActiveCaptain app to get updates of any changes that may threaten your boat. When you're ready for a day on the water, OnDeck allows you to turn on selected switches remotely. The ActiveCaptain app keeps you connected to your vessel as the GTB 10 hub collects and stores data. The system consists of the GTB 10 OnDeck Hub, door sensor, temperature sensor, shore power sensor and relay switch. A subscription is required.

⭐ **www.garmin.com**

Iris CMAC

Compatible with analogue, IP and HD cameras, Iris CMAC combines all of the main elements of a full-featured security and control system into a stylish enclosure, complete with high-end waterproof connectors and wood-effect end caps. The system features digital video recording, alarm management, network and serial data management, and a removable, shockproof hard-drive caddy. The built-in recorder is fully configurable to maximize storage time, allowing users to adjust resolution, frame rate, motion detection parameters and more. CMAC's HDMI output delivers live, high-definition footage to chartplotters, TVs and dedicated monitors, as well as standard definition devices that are connected via an HDMI to a composite convertor. It can be connected to a boat's Wi-Fi router enabling all on-board cameras to be viewed on smart phones, tablets or computers.

⭐ **www.boat-cameras.com**

VESSEL MONITORING SYSTEM

Multifunction

Simrad BoatConnect

Simrad's BoatConnect gives boat owners peace of mind at an excellent value, keeping users informed of their boat's location, battery level, trip history and more, anywhere in the world at any time. Delivering important updates on a boat's status to a compatible smartphone, BoatConnect consists of an easy-to-install hub and an easy-to-use app. Once installed, the solution provides at-a-glance information to enhance the boating experience. Ensuring system reliability, the BoatConnect hub is hard-wired to a vessel's battery, and in the event of power loss will continue to provide updates for up to five days on internal backup power.

⭐ www.simrad-yachting.com

Siren Marine Siren Fleet

Siren Fleet is a cloud-based fleet management software that allows operators to manage multiple marine assets from one clean, intuitive dashboard. They can monitor precise GPS location, set multiple geofences and receive instant alerts when critical events occur. Detailed event histories give managers the information they need to keep operations running smoothly and efficiently. Siren Fleet provides managers with actionable data through enhanced NMEA 2000 connectivity. On the Siren Fleet dashboard, operators can now monitor each vessel's engine performance and fuel consumption over any number of hours or days. Users can also synchronize alert thresholds between the Siren Marine mobile app and Siren Fleet portal and manage these alert thresholds for a group of boats or an entire fleet.

⭐ www.sirenmarine.com

Safety

Böning AHD-GAP F

The AHD-GAP F panel is designed for control of acoustic and optical signals in emergency situations. In addition to manual activation of the horn, common mandatory signals such as Abandon Ship, General Alarm, and Fire Alarm are already hard-coded and can be activated in selectable intervals. The first keystroke activates the preprogrammed signal sequence, while a second keystroke deactivates the previously activated signal sequence. The AHD-GAP F is designed for installation in bridge consoles and other locations. The front panel's surface is coated with a waterproof, UV-resistant and durable plastic film. All controls are illuminated glare-free for a safe operation at night. Brightness of the signal LEDs is automatically adjusted to the ambient light by a built-in photosensor.

⭐ www.boening.com

GOST Nav-Tracker IDP

The new GOST Nav-Tracker IDP supports a wide range of greatly enhanced speed, security and location-based machine-to-machine (M2M) services. With 100x higher messaging capability, lower power consumption, 99.99% reliability as mandated by the IMO, global coverage with the exception of the poles and two-way satellite service, the Nav-Tracker IDP offers customers a reliable way to track their vessels from anywhere in the world. In addition, Nav-Tracker incorporates an accelerometer into the antenna, allowing users to set a reporting interval when the boat is moving over a certain speed. This reporting interval begins when the boat is in use, even if the geofence system is disarmed.

⭐ www.gostglobal.com

VESSEL MONITORING SYSTEM

Safety

Maretron N2KView V3/Anchoring

N2KView is a comprehensive vessel monitoring and control software that monitors your vessel's systems while underway or remotely from your home or office. Display the information you need including engines, generators, tanks, rudders, navigation instruments, and more. Additional functionality includes alerts, video, switch control, anchoring supervision and fuel management. N2KView software runs on your vessel's computer or on standalone products like the Maretron TSM810C display or the Maretron Black Box (MBB300C) vessel monitoring system. To run N2KView software on your vessel's computer, you will need either a Maretron USB100 or an IPG100 to get sensor information from the NMEA 2000 network to the computer. Download N2KView Mobile for use on your Android or Apple phone.

⭐ **www.maretron.com**

Oceanic Systems Alarm Sounder

Ensure you are kept alert to any monitored condition with the Oceanic Systems Alarm Sounder. It generates an extremely loud 105 dB SPL (sound pressure level) piezoelectric sounder and a ring of red high-brightness LEDs to ensure full awareness of the alarm condition when it sounds, both audibly and visually. Additionally, a blue LED indicates that the unit is powered and communicating to Oceanic's alarm, control and monitoring system, Poseidon. Featuring eight distinct selectable alarm patterns, alerts are distinguishable and the alarm sounder can also be triggered by alarms generated by Poseidon. The unit is well designed to mount either by surface or flush mount and is completely waterproof, meaning the unit can be mounted inside or outside the vessel.

⭐ **www.osukl.com**

ClearCruise Augmented Reality

Raymarine's ClearCruise Augmented Reality is bringing enhanced on-water perception to Raymarine's family of Axiom multifunction displays. Using the new AR200 Augmented Reality Stabilization Module and a CAM210, CAM220IP or FLIR marine camera, ClearCruise AR applies easy-to-understand labels to nearby navigation aids, AIS contacts as well as stored waypoints. At a glance you can see and understand complex navigational situations with instant, heads-up recognition. Day or night, ClearCruise AR technology makes it easy for boaters to see critical navigation aids and confirm their locations. The system supports up to 10 marine thermal cameras for up to 360° coverage, if desired.

⭐ **www.raymarine.com**

Security

Böning B:CONNECT

B:CONNECT is an easy way to monitor, operate and analyze vessel data and live equipment status information onboard your vessel. The B:CONNECT gateway must be installed onboard the vessel, communicating with the existing vessel monitoring system (Böning or third-party) and with the internet (via 4G or the boat's LAN switch). Data is transmitted to B:CONNECT Cloud Service and immediately becomes available for the user to access via PC/laptop browser, cellphone, or tablet. B:CONNECT comes with its HMI (Human-Machine Interface) to visualize real-time data and analyze historical recordings graphically. It is a cost-effective solution with a monthly subscription plan based on recording and transferred data volume.

⭐ **www.boening.com**

Email: info@bemarine.com.au

In process of developing marine energy management and control technologies: battery chargers, inverters, load control equipment, etc. All equipment will be NMEA 2000® and ethernet connectable. Currently not trading on marine market until product development is completed.

Beneq Inc.
Website: www.lumineq.com

Benmar Marine
Website: www.benmarmarine.com

BEP

N85 W12545 Westbrook Crossing
Menomonee Falls, WI 53051
PH: 800-307-6702
Website: www.bepmarine.com
Sales: sales@bepmarine.com
Products: Battery Chargers, Circuit Breakers, Lighting - Interior/Deck, NMEA 2000® Certified, Panels - Electrical

BEP

Industry leader in battery management, circuit protection, power distribution, and CZone Digital switching technology. Every product made meets exacting performance specifications and is designed to withstand extreme conditions, both at sea and on land.

Beyond Measure LLC
Website: www.scalesbeyondmeasure.com

Big Bay Technologies, Inc.
Website: www.bigbaytech.com

Blue Guard Innovations
Website: www.bluebgi.com

BlueNav

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Manufacturers of retractable and rotatable electric propulsion means in the 10/50kw range, developed to allow easy hybridation without modifications of the gas/diesel propulsion system

BlueOceanIOT®

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PH: 425-999-6219
Website: www.blueoceaniot.blue
Sales: info@blueoceaniot.io
Service: support@blueoceaniot.io

BlueOceanIOT®

NMEA 2000® custom devices, firmware, cloud and application software to log and analyze marine data for the Internet of Things (IoT).

Blue Sea Systems

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Website: www.bluesea.com
Products: AC Monitoring, Battery Chargers, Battery Monitors, Circuit Breakers, Connectors, Electrical Connectors - AC, Fuses/Fuse Holders, Isolators - Battery, NMEA 2000® Certified, Panels - Electrical, Tank Monitoring

BLUE SEA SYSTEMS

Industry leader in innovative marine electrical systems to improve the safety, simplicity, and reliability of boating. Quality products that are engineered for the harsh marine environment, built to last, with a guarantee of satisfaction and industry leading technical support.

Blue Water Data, Inc.

46 N. Burden Hill Rd.
Salem, NJ 08079
PH: 856-935-7536
Website: www.bluewaterdata.com
Sales: Bill Remster
Product: NMEA 2000® Certified

Blue Water Desalination

1930 E. Carson St., Suite 103
Long Beach, CA 90810
PH: 310-684-1467, 855-553-3725
Email: cokada@bwdesal.com
Website: www.bluewaterdesalination.com
Sales: sales@bwdesal.com
Product: Watermakers

Range of cutting-edge watermakers that fit the needs of the most discerning marine owners and operators.

Boatrax
Website: boatrax.com

Bocatech Switches
Website: www.bocatechswitches.com

Boening Automationstechnologie GmbH & Co. KG

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Email: info@boening.com
Website: www.boening.com

Products: AC Monitoring, Alarms, Alarms - Security, Antennas - Cellular, Battery Monitors, Cables and Wire, Cameras - Marine, Circuit Breakers, Computers - Marine, Control Systems - Engine, Engine Monitoring, Fuel Monitoring Systems, Indicators - Rudder Angle, Lighting - Interior/Deck, MOBs, MFDs, NMEA 2000® Certified, Panels - Electrical, Tank Monitoring, Temperature Monitoring, Transducers, Vessel Monitoring Systems
Marine automation equipment.

Bose Corp.
Website: www.bose.com

BriarTek
Website: www.briartek.com

Broadcom Limited
Website: www.broadcom.com

Broward College

7451 Riviera Blvd.
Miramar, FL 33025
PH: 954-201-7350
Email: alopez1@broward.edu
Website: www.broward.edu/marine
Product: Training-Schools

Offers course in marine electricity and electronics leading to taking ABYC and NMEA certification tests. Courses cover principles of on-board electronic systems, installation and troubleshooting of communication and navigational systems.

BRP US Inc
Website: www.brp.com

Buffalo Automation
Website: www.buffautomation.com

Bureau Veritas
CPS-EAW Testing Labs
Website: www.cps.bureauveritas.com

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Calypso Instruments

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ULTRASONIC Portable Wind Instrument and data logger strives to be a disruptive innovation, bringing top-notch ultrasonic wind measurement technology to the mobile world. Affordable, portable, with no moving parts, IPX8, easy to install, accurate, and open to third party apps. The ULTRASONIC Anemometer brings astonishing technology to a wider range of users, from the sailor to the farmer.