

# **C**omprehensive **E**lectronic **N**avigation **S**olutions

Does your navigation system make

**CENS**?



# Bridge The Gap

Your hardware and software work together. Shouldn't your solution providers do the same?  
**Now they do.**



## Bluewater Superyacht Bridge Services and Telemar Yachting

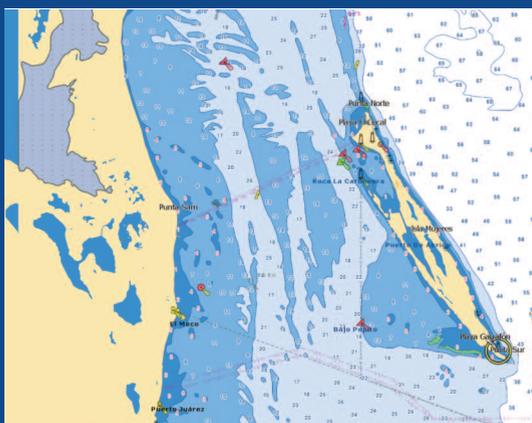
have teamed up to deliver a total solution for all your marine technology needs.

We're your one-stop source for hardware, software, data, communications, installation and support.

No one chart provider has the best coverage for around the world. You may be using Transas with TX-97 or a Sperry system utilizing C-Map CM93 charts, but chances are there are areas you cruise where the coverage, detail and information prove inadequate. There is no "silver bullet" to handle all your navigation needs, whether you are running an ECDIS with full ENC coverage or a Maptech system using raster chart data.

**So what is the answer?** We recommend a secondary ECS (Electronic Chart Solution) such as MaxSea, TimeZero or Nobeltec Trident to enhance your existing electronic navigation solution. These systems can prove ideal for yachts because of two key points: they have chart flexibility and are not bound by the constraints of using only "official" data.

# Chart Flexibility is Key!



## Which chart would you rather use?

**ECS solutions allow you access to multiple charts sources**, unlike some systems which limit which charts you can use for compatibility reasons or type approval. The benefit is that you can choose the best charts from different providers for where you are going.

Everyone prefers using “official” data; however, there are times when the hydrographic charts do not offer the level of detail and coverage which “unofficial” charts use. In this case, the supplemental ECS can provide additional situational awareness that a single solution cannot match.

**This is what we call a Comprehensive Electronic Navigation Solution. Doesn't that make C.E.N.S?!**



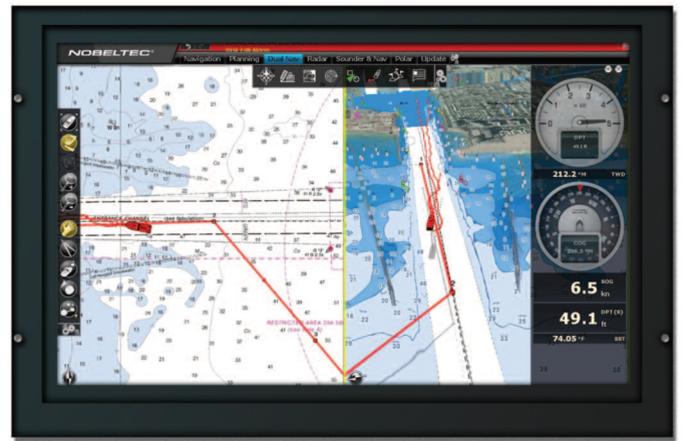
- Fully managed bridge services for flag state carriage requirements.
- ENC expertise – authorized distributor of all official electronic charts.
- On-board chart correction services and secure chart storage.
- Authorized software & electronic chart supplier with full updating support.
- Complete new build outfitting services.
- Official supplier for UKHO, NOAA, SHOM, and other hydrographic offices.
- Flag state compliance for MCA, USCG, Marshall Islands expertise and Cayman Islands.



- Bridge marine hardware; design, implementation and support.
- Preventative/Managed Bridge Service Agreements for marine hardware.
- Satellite Communications Airtime Provider (Inmarsat-Platinum service provider, VSAT, Iridium, Thuraya)
- GMDSS Safety Radio Surveys, LRIT tests, EPIRB/GPIRB programming
- SKY ITALY Euro Satellite TV–prepaid Satellite TV solutions *Low cost, Full HD Package, No registration required, full Med coverage, No monthly fees.*
- Gyro Maintenance Service (Sperry Marine, Raytheon, Simrad)
- Digital Newspaper services



MaxSea TimeZero



Nobeltec TimeZero

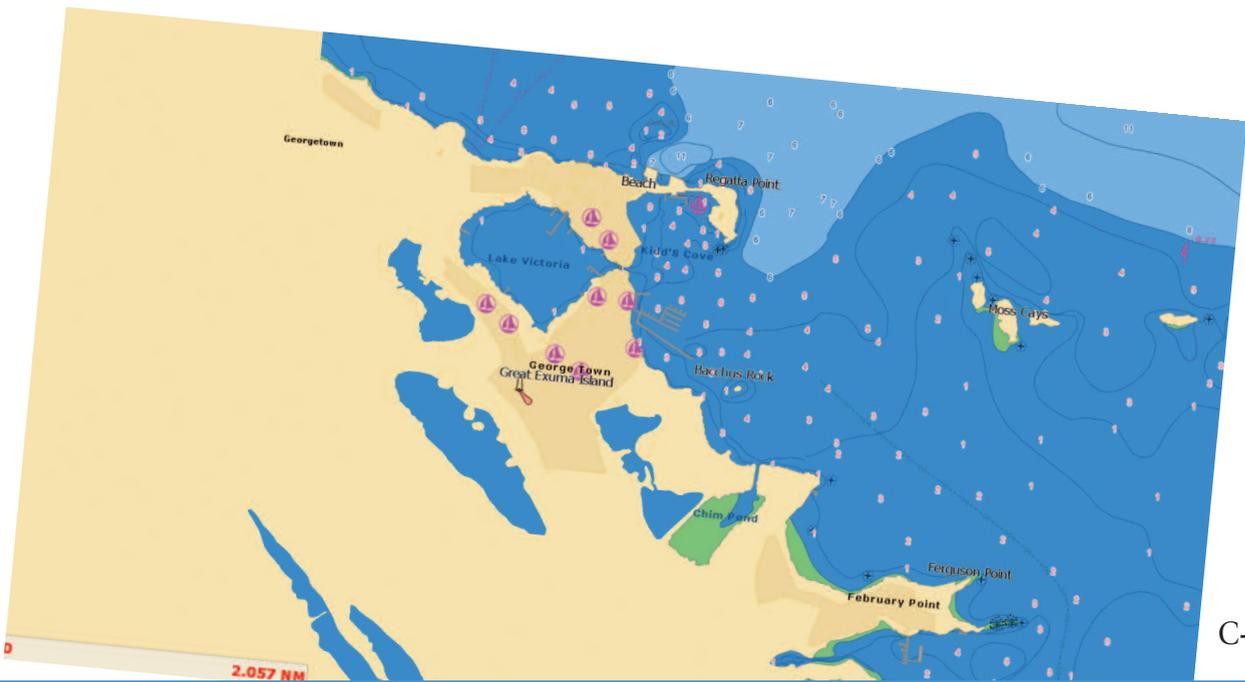
# HARDWARE + SOFTWARE

VGA Output

USB Keyboard / Mouse  
USB Network Adabter

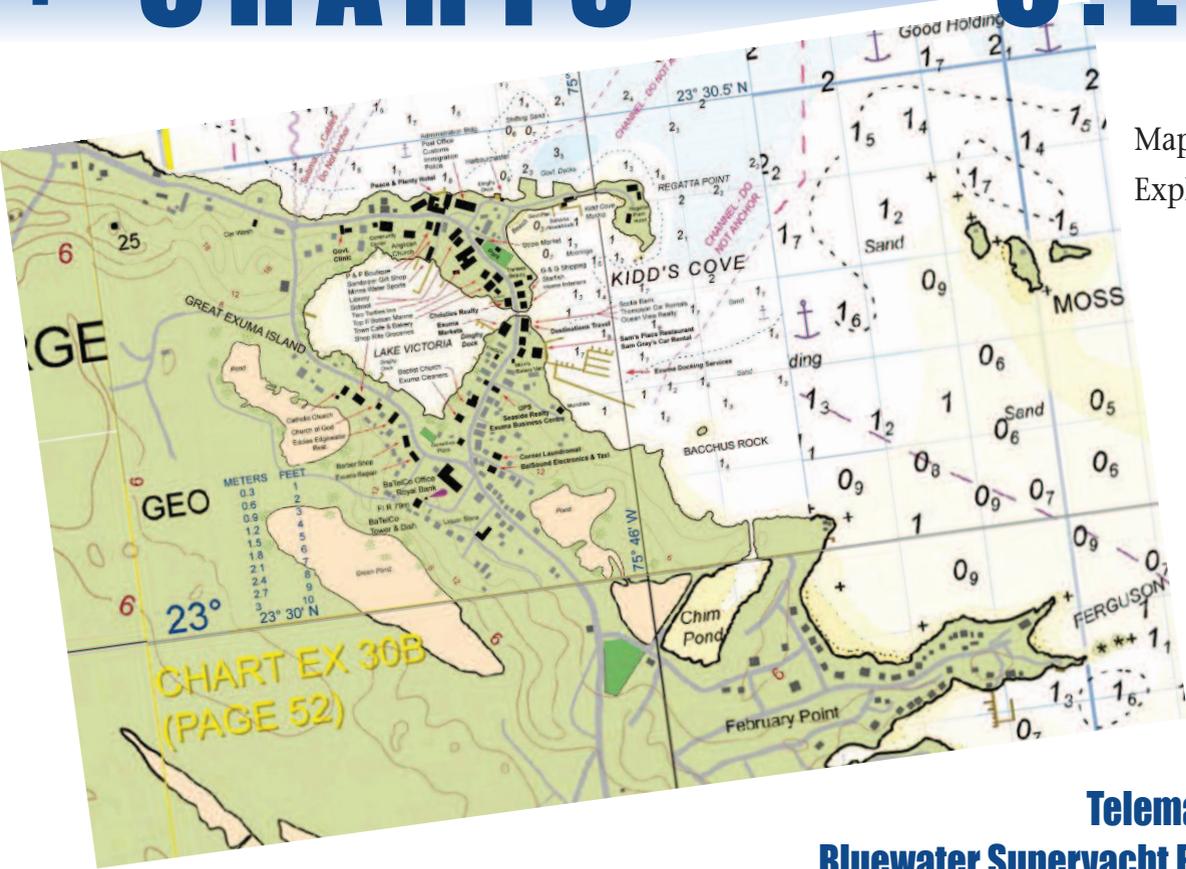
GPS Input via USB-Serial Adapet

220V / 110 V



C-Map Vector

# + CHARTS = C.E.N.S



MapMedia and Explorer Raster

**Telemar Yachting and Bluewater Superyacht Bridge Services have teamed up to deliver a Comprehensive Electronic Navigation Solution.**

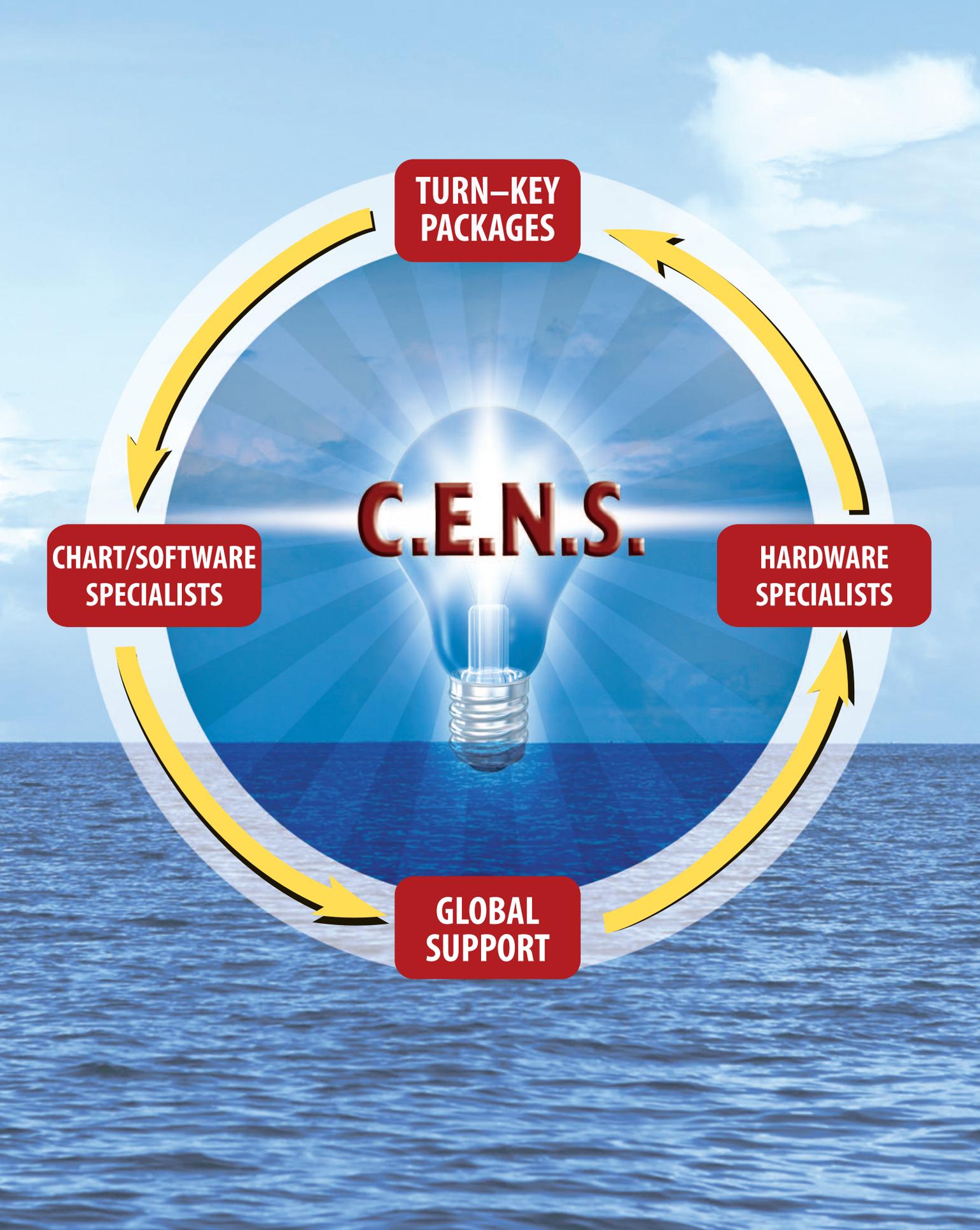
**TURN-KEY  
PACKAGES**

**HARDWARE  
SPECIALISTS**

**GLOBAL  
SUPPORT**

**CHART/SOFTWARE  
SPECIALISTS**

**C.E.N.S.**



# SAMPLE PACKAGES

Standard (+/-Monitor)	Enhanced
<p><b>Hardware Features</b></p> <p><b>Marinized monitor (19")</b></p> <ul style="list-style-type: none"> <li>Bright, reliable LCD for rugged marine applications</li> <li>Various input configuration (VGA, DVI, Comp etc.)</li> <li>Two year limited warranty</li> </ul> <p><b>Computer</b></p> <ul style="list-style-type: none"> <li>Compact, rugged &amp; proven for navigation applications</li> <li>Two year limited warranty</li> </ul> <p><b>Keyboard/Mouse</b></p> <ul style="list-style-type: none"> <li>Wireless</li> <li>Wired</li> </ul> <p><b>Installation Materials</b></p> <ul style="list-style-type: none"> <li>USB to 4 port RS232</li> <li>Opto isolator</li> <li>Misc. cable/materials</li> </ul>	<p><b>Hardware Features</b></p> <p><b>Panel Computer (19")</b></p> <ul style="list-style-type: none"> <li>IP22/IP66</li> <li>Multipower</li> <li>Type approved</li> <li>Superior bonding technology</li> <li>Widescreen 8-24", module based</li> <li>Form, fit, function, glass display, solid state</li> </ul> <p><b>Professional Maritime Monitor (19") Computer</b></p> <ul style="list-style-type: none"> <li>Proven, rugged, industrial</li> <li>Type approved</li> <li>Fully marine certified</li> <li>Aluminum chassis</li> </ul> <p><b>Keyboard/Mouse</b></p> <ul style="list-style-type: none"> <li>Wireless</li> <li>Wired</li> </ul> <p><b>Installation Materials</b></p> <ul style="list-style-type: none"> <li>USB to 4 port RS232</li> <li>Opto isolator</li> <li>Misc cable/materials</li> </ul>
<p><b>Software Features(Navigator/Odyssey)</b></p> <ul style="list-style-type: none"> <li>Chart support for C-Map, Navionics, MapMedia Raster and S-57</li> <li>Connection to instruments: serial ports (NMEA0183) or Furuno NavNet Network, by Ethernet (for Navigation information)</li> <li>Exclusive TimeZero user interface</li> <li>"Work Spaces" and "Ribbons"</li> </ul>	<p><b>Software Features(Explorer/Trident)</b></p> <ul style="list-style-type: none"> <li>Chart support for C-Map, Navionics, MapMedia Raster and S-57</li> <li>Connection to instruments: serial ports (NMEA0183) or Furuno NavNet Network, by Ethernet (for navigation information)</li> <li>Exclusive TimeZero user interface</li> <li>"Work Spaces" and "Ribbons"</li> <li>Ocean data service (sea surface temperature, altimetry, plankton)</li> <li>AXIS IP cameras and video converter support</li> <li>FLIR thermal camera integration</li> <li>Dual monitor support</li> </ul> <p><b>Furuno Radar Sensors Integration Includes:</b></p> <ul style="list-style-type: none"> <li>Full NavNet 3D network connection</li> <li>NavNet 3D chart server (MaxSea streaming charts for NavNet 3D MFDs)</li> <li>Shared charts licensing with NavNet 3D</li> <li>Route synchronization with NavNet 3D</li> <li>Furuno FAR2xx7 network connection</li> <li>Full screen radar work space and chart</li> </ul> <p><b>Radar Overlay (with NavNet 3D and FAR2xx7 radars)</b></p>
<p><b>Chart Data</b></p> <ul style="list-style-type: none"> <li>C-Map chart coverage for the Caribbean</li> <li>C-Map chart coverage for the Mediterranean</li> </ul>	<p><b>Chart Data</b></p> <ul style="list-style-type: none"> <li>C-Map chart coverage for the Caribbean</li> <li>C-Map chart coverage for the Mediterranean</li> </ul>

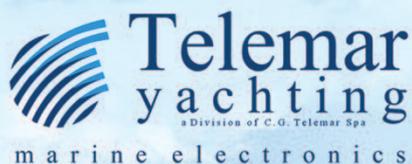


Justin Mann, Bluewater Superyacht Bridge Services

1811 Cordova Road | Fort Lauderdale, FL 33316

Tel. (+1) 954.880.9800 Ext. 208

[jamann@bluewaterweb.com](mailto:jamann@bluewaterweb.com)



Mark Theissen, Telemar Yachting Americas

2800 W. State Road 84, Unit 108 | Fort Lauderdale, FL 33312

Tel. (+1) 954.309.9511

[mtheissen@telemar-yachting.com](mailto:mtheissen@telemar-yachting.com)

