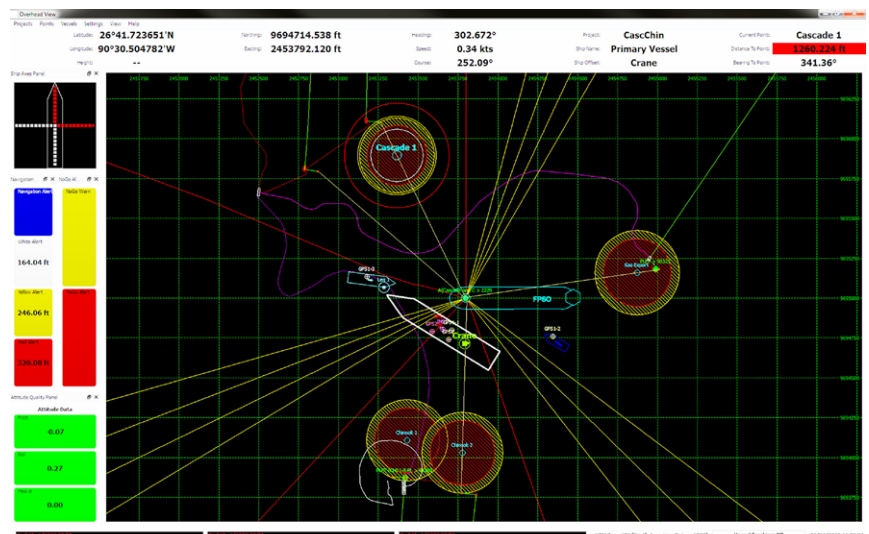


## C-Scape

Position monitoring and situational awareness software

**Oceanering® C-Nav™**  
C-Scape is software designed to provide independent, real-time monitoring of any dynamic positioning (DP) system, (DPS) giving users unprecedented positioning confidence and situational awareness at sea.



### FEATURES

**Blends multiple sensor inputs for unparalleled position QA/QC**

**Intuitive and easy to use interface**

**24/7 global customer support**

# C-Scape

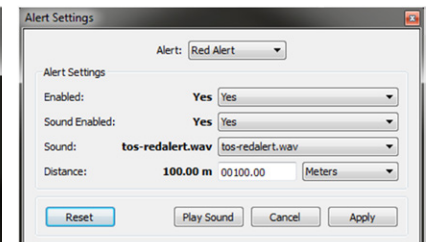
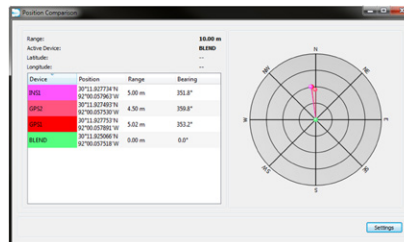
## Features

- » User-defined alerts and alarms
- » MMS object data import for display of surface and sub-surface features, shipping lanes, and lease-block boundaries to show position relative to real world objects
- » Blends multiple position and heading sensors for an independent positioning solution
- » No limit on the number of I/O channels
- » Data logging function records event or time-based records to generate QC trend plots of key parameters
- » Full geodetic conversion suite including navigation and display in local projection and datum
- » Seamless transition between satellite and range/bearing positioning systems (i.e. C-Nav DGNSS to MDL Fanbeam or Kongsberg RADIUS® systems) with target calibration using DGNSS positions
- » Minimal installation and operational training required; simulator device available for easy crew training
- » Environmental sensor integration for current conditions and computed trends (anemometer, motion reference units, etc.)
- » Field proven in a wide variety of positioning applications
- » Fully customizable audio alarms via upload of standard .wav files
- » Visual alarms with position/proximity alert circles
- » User-sized alphanumeric data displays
- » Position variance and quality alerts for station-keeping confidence
- » Displays the parameters from the gyro/s on the vessel
- » Displays high-accuracy ship shape which can be used as navigation reference
- » Compatible with several AutoCAD formats including drawing exchange format (DXF)
- » Ship-centric or North-up position display options

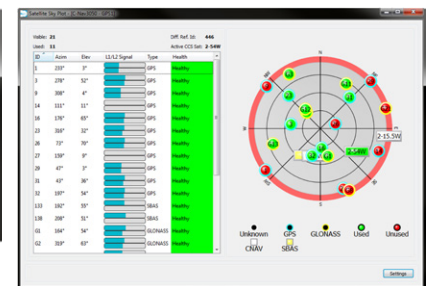
## Uses:

- » Drilling rig / drilling ship station keeping
- » Marine construction and operations
- » Dive support vessel monitoring
- » Rig positioning and excursion monitoring

Oceaneering can design custom solutions for complex positioning challenges using Oceaneering® C-Nav™ DGNSS receivers and C-Scape software based on our established core products. Examples include shuttle tanker operations, replenishment at sea, vertical seismic profiling, pipe-laying, seismic/geophysical operations, rock dumping, ROV operations, barge and anchor operations, salvage operations, and FPSO monitoring.



Source	Allow	Status	Weight	Value	Delta	Along/Across	Details
INCL	Yes	Used	0.25	X: 5962.76.807 Y: 3340257.525	X: -4.037 Y: 0.095	Across: -4.037 Along: 5.016	
GPS2	Yes	Used	0.23	X: 5962.82.785 Y: 3340257.395	X: 19.143 Y: -12.199	Across: 13.141 Along: 11.199	
GPS3	Yes	Used	0.29	X: 5962.73.546 Y: 3340257.535	X: -9.099 Y: -8.965	Across: -9.099 Along: 8.966	
GPS3	Yes	Used	0.22	X: 5961.88.707 Y: 3340256.882	X: 6.064 Y: 21.286	Across: 4.063 Along: 21.286	



## OS and Hardware Requirements

Requires Windows XP, Vista, Windows 7, Windows 8, or Windows 10

Intel® Pentium® 4 CPU (1.5 GHz or higher) with at least 256 Mb RAM

One or more RS-232 serial interface ports

USB port for sentinel security key (dongle)

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