C-Nav®
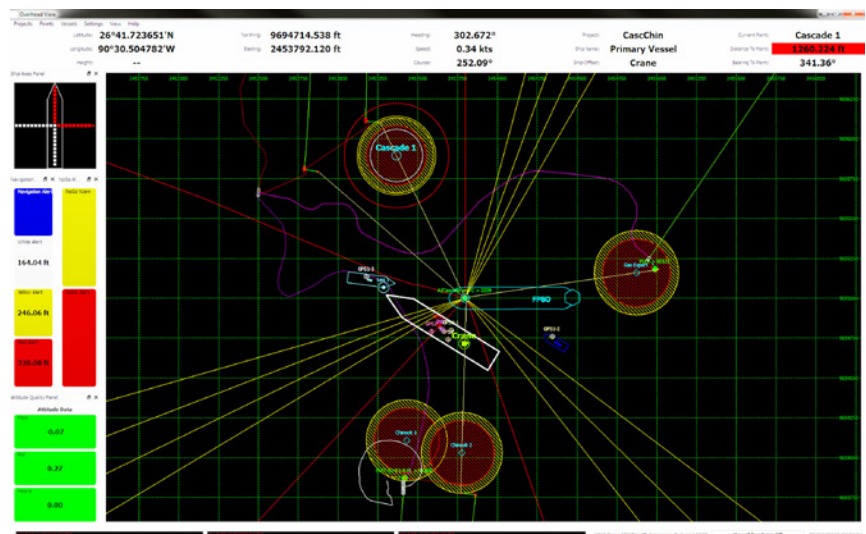
C-Scape

Position monitoring and situational awareness software

Oceaneering® 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

Connecting What's Needed with What's Next™

OCEANEERING®

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.

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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