

RADAR*pilot* 720° OS

Open Sea Radar System



SECURE **in** MOTION

Supplies all information at one glance

Open Sea Radar System

RADAR*pilot*720° OS (Open Sea) is a sophisticated radar system providing a high resolution image due to sampling frequency of up to 250Mhz and OpenGL rendering. It meets and exceeds the requirements of IEC62388 CAT1 or CAT2 radar, depending on the display size. Radar enhancement, automatic sensitivity control (ASC, Auto STC, IR) and advanced image processing as well as sophisticated application of easily adaptable blanking maps reduce data load and enable the interruption free radar display, even during zooming.

Different display layouts are configurable via style sheets and profiles for the auto filtering can be selected.

Furthermore, **RADAR*pilot*720° OS** offers alternatively display of true motion or relative motion, and true trails or relative trails. Automatic calculation of CPA/TCPA with warning functions is implemented.

RADAR*pilot*720° OS provides the options for chart radar, route display and XTE calculation, multiple radar display, multiple radar tracking and association algorithms as well as network connection, features that are not mandatory according to the standard, but make navigation easier and safer.

Systems based on **RADAR*pilot*720° OS** have been approved for integration by BSH, Qinetiq and Bureau Veritas. It is available on Windows and Linux for integration in bridge systems.

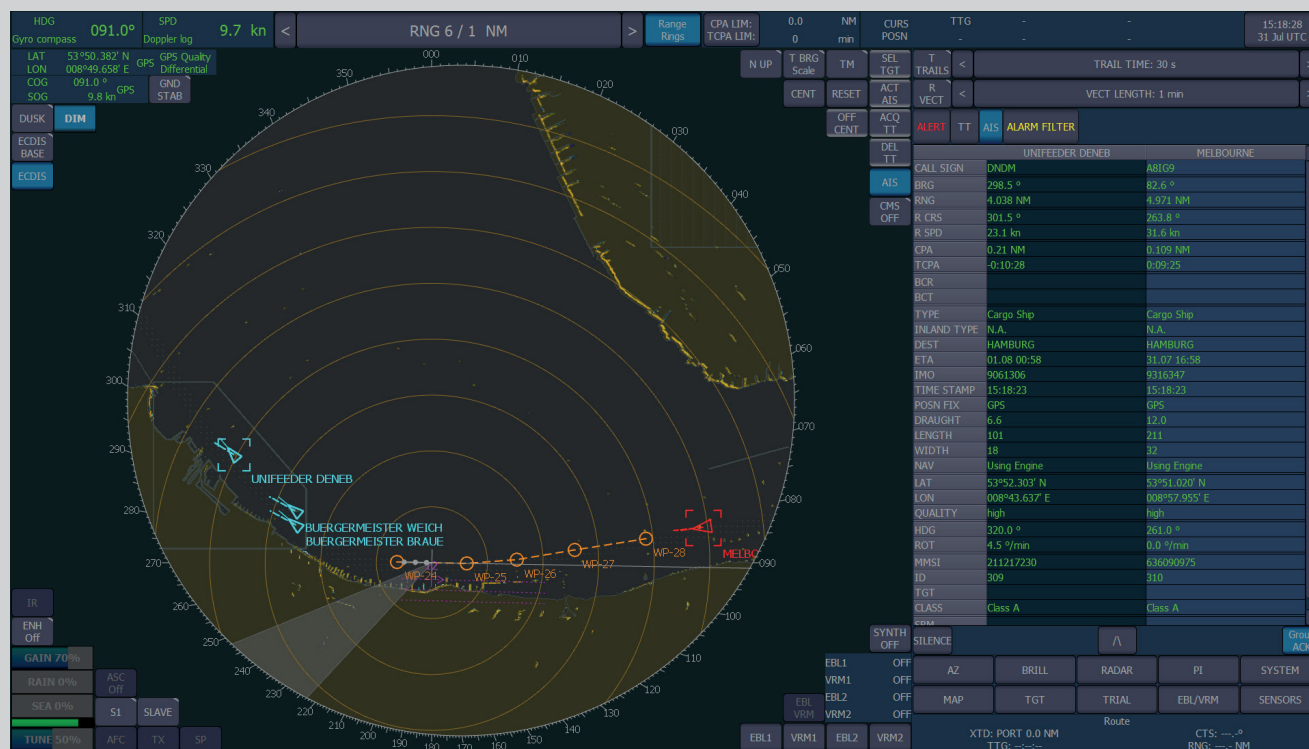
However, seamless integration is feasible with existing network installations, customer specific demands and other software modules of in-innovative navigation GmbH. A traffic scenario observed by an in VTS system can be displayed with **RADAR*pilot*720° OS**, and, thereby, be available on mobile forces.





Multi radar display of RADARpilot720° OS

Graphical User Interface and Key Features



Highlights *RADARpilot720° OS*

- PC based radar system suited for a wide variety of radar transceiver (X-Band, S-Band, I-Band, E/F-Band, pulse and solid state transceiver)
- Highly sophisticated Graphical User Interface based on Open GL
- Chart radar
- Display of transparent afterglow
- Highly reliable ARPA conform tracking, even without GPS
- CPA/TCPA calculation
- Indication of AIS information
- Multi radar option
- Multi radar tracking option
- Sophisticated tracking association algorithms
- Ergonomic menu-driven operation, optionally as touch screen
- Without GPS position stabilization via reference target
- Presentation of two EBLs and VRMs, floating and stabilised
- Support of Parallel Index lines
- Drawing and saving of maps
- Support of route functions
- Alarm server compatible with any hardware console for alarm generation (BAM)
- Easily extendible due to modular design and plug-in concept
- Platform independent (LINUX, Windows™)

Further information about recent developments on:
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