## **HC SEANAV – Advanced Navigation system**

Safe and reliable navigation in the archipelago and at open sea



HC SEANAV is developed for navigation and safety requirements according to the IHO ECDIS standard

- Combination of graphical and alphanumerical presentation together with audio alarms for critical events and exceptions makes the navigation safe
- Multiple sources for own position and ship data as well as multi channel track of AIS and Radar tracks secure safe positioning relative surrounding vessels
- Advanced route tracking with automatic calculation of Wheel Over Position,
  CPA and arrival zones together with the optional use of the autopilot control
- Graphical route planning with automatic warning for hazards in user defined safety zones enable safe, fast and easy planning of the route

## **HC SEANAV – Complete solution for small and medium vessels**

Scalable and extendable platform for maritime navigation

HC SEANAV has a flexible architecture suitable for very small up to large environments with several simultaneous users

- From a single laptop up to network based client server solutions which enable users to share information and database but work with different tasks
- Client application is fully configurable at runtime allowing the users to switch tasks without closing down the client
- Server and client application are identical which makes it possible to scale up and extend the system without any need to change existing environment
- Modular and standardized architecture enables a cost effective solution for all needs to interface and connect external systems



### HC SEANAV – One application configured and equipped for different needs

Standardized architecture enables low cost and fast development as well as reliable maintenance and support

#### **HC SEANAV Workstation - All solutions**

- Microsoft Windows 10 Pro
- Microsoft SQL Server 2012 Express
- Intel (R) Core(TM) i5-6400 CPU
- Intel (R) HD Graphics 630 GPU
- Display resolution, 1920 x 1080
- Display colors, 32 bit
- RAM, 16 GB
- HDD, 500 GB
- Ethernet, TCP/IPv4

#### **HC SEANAV Server - Enterprise solution**

- Microsoft Windows Server 2019
- Microsoft SQL Server 2012
- Intel (R) Xeon (R) Silver 4208 CPU
- Intel (R) HD Graphics 630 GPU
- Display resolution, 1920 < 1080</li>
- Display colors, 32 bit
- RAM, 32 GB
- HDD, 1000 GB
- Ethernet, TCP/IPv4





# **HC SEANAV – Example Navigation Configuration & View**

