Naval
ECDIS NX.

ANSCHÜTZ

Tactical navigation for gray and blue forces
Naval ECDIS NX.

Naval ECDIS NX is a Warship Electronic Chart Display and Information System (WECDIS) that combines safe navigation with tactical operation. The application ensures mission effectiveness as it is designed to budget but offers, thanks to a modular approach, customizable capability upgrades by pure means of software at any time.

Key Benefits

Maximum mission performance

Mission effectiveness is built upon a clear situational picture, from navigation to naval mission.

- Proven IMO ECDIS as basis, with a modern, clear-structured user interface and advanced features
- Consistent use of qualified data (checked for integrity, validity and plausibility), system health monitoring, and central alert management
- Validated picture of the navigational and tactical situation

Customized capability upgrades

Advanced type approved WECDIS integrates military features for tactical navigation and operation.

- Customizable from a commercial ECDIS to a STANAG WECDIS
- Easy capability upgrades, each single feature is configurable via software
- Modular features include tactical overlays, waterspace management, anti-sub marine warfare and more
- Perfect match for gray and blue forces!

Effective and free of risk

Ready for future: type approved WECDIS as flexible basis for modular capability upgrades.

- Commercial-off-the-shelf equipment and procedures
- Future-proof hardware and operating system
- Configurable system setup for risk-free, easy start-up
- Fully type-approved, without R&D risk
- Global service network in case you need help

Learn more

Customized naval features with Naval ECDIS NX.
Visit the website and learn more about naval features and capabilities for ECDIS:
www.anschuetz.com/naval-ecdis-nx

For navy ships

For puplic authority ships

For special purpose ships

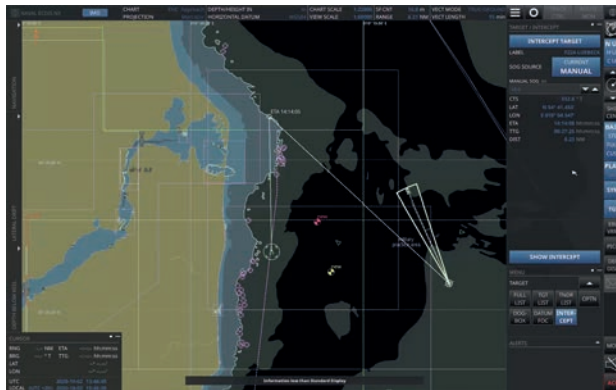| ECDIS NX features	Plus features	Plus features	Naval ECDIS NX features (Export restricted)
Voyage management	Radar video overlay	AML / TOD	4W grid
Chart management	ARCS / DNC / BSB	Moving haven	MGRS
S-57 / S-63 / (S-100)	Search & rescue	Disposition	
AIO by AVCS	Intercept	DATUM / FoC	
Route planning	Tender tracking	Dogbox	
ETA calculation	OUTHOUSE	Sensor arcs	
Route monitoring	Area alerts (GOE)	EOBD	
Speed of advance	Blind pilotage	MIL-symbols	
Most probable position	Total tide*	Advance & transfer*	
Own ship prediction*	Moving draw objects*	3D safety zone*	
		Bottom contour navigation*	

*Available with next release in 2024

Main Features

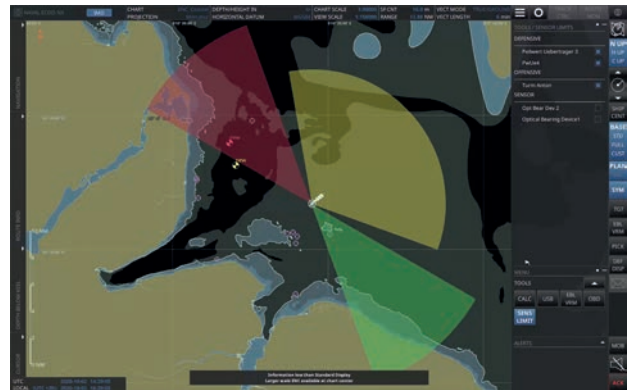### Platform capabilities for navigation and situational awareness.

- Fully type approved WECDIS, made in Germany and tailored to specific naval requirements
- Modern human-machine interface, with retractable panels for a maximized chart view and a quick access bar for essential functions
- Smart tools for route planning, route management, route monitoring, and more
- Sensor management, target management, alert management, health monitoring (in combination with an integrated navigation system according to IEC61924-2 / MSC.252(83) and ANEP-77)

- Chart formats supported: S-57 / S-63 ENCs / AIO
  Optional: AML 2.0, 2.1 & 3.0, ARCS, DNC, TOD, BSB
  Support of the new S-100 Standard already planned for 2026. Current hardware will most likely be able to be upgraded.
- Type approved according to IEC 61174 Ed. 4 and IHO Presentation Library S-52 Annex A Edition 4.0
- All available naval features according to STANAG 4564 Ed. 3 (April 2017)
- Secure network compliance IEC 61162-450 Ed. 2
- New bridge alert management standard (IMO.302(87), IEC 62923-1 and -2

Advanced features

Maximum mission performance

- Electronic optical bearing devise
- Blind pilotage
- Target intercept
- Search & Rescue

Navigational and tactical overlays

- Radar video overlay
- Geo object events
- Dogbox
- Sensor arcs
- Symbols
- CGRS / MGRS
- UTM / UPS

Waterspace management

- 4W Grid
- Moving Haven
- Disposition

Anti-submarine warfare

- OUTHOUSE
- Datum & furthest on circle

Flexible system design, easy to install

Naval ECDIS NX comes in a configurable system setup for reliable, risk-free and easy start-up. The application is installed on commercial-off-the-shelf equipment following standard procedures. Software installation is a semi-automatic, wizard-guided process and can be done by any trained technician of the Anschütz global service network. Continuous product maintenance ensures software updates and upgrades.

Naval ECDIS NX can be applied for a stand-alone workstation (including a chart table / planning station), but also as part of a multifunctional workstation or integrated navigation and bridge system. Customers can choose between either high-quality 24" or 27" marine panel-pcs performance, or powerful small marine computers with wide-screen, glass-front TFT displays in various sizes. Technical data is available on request.