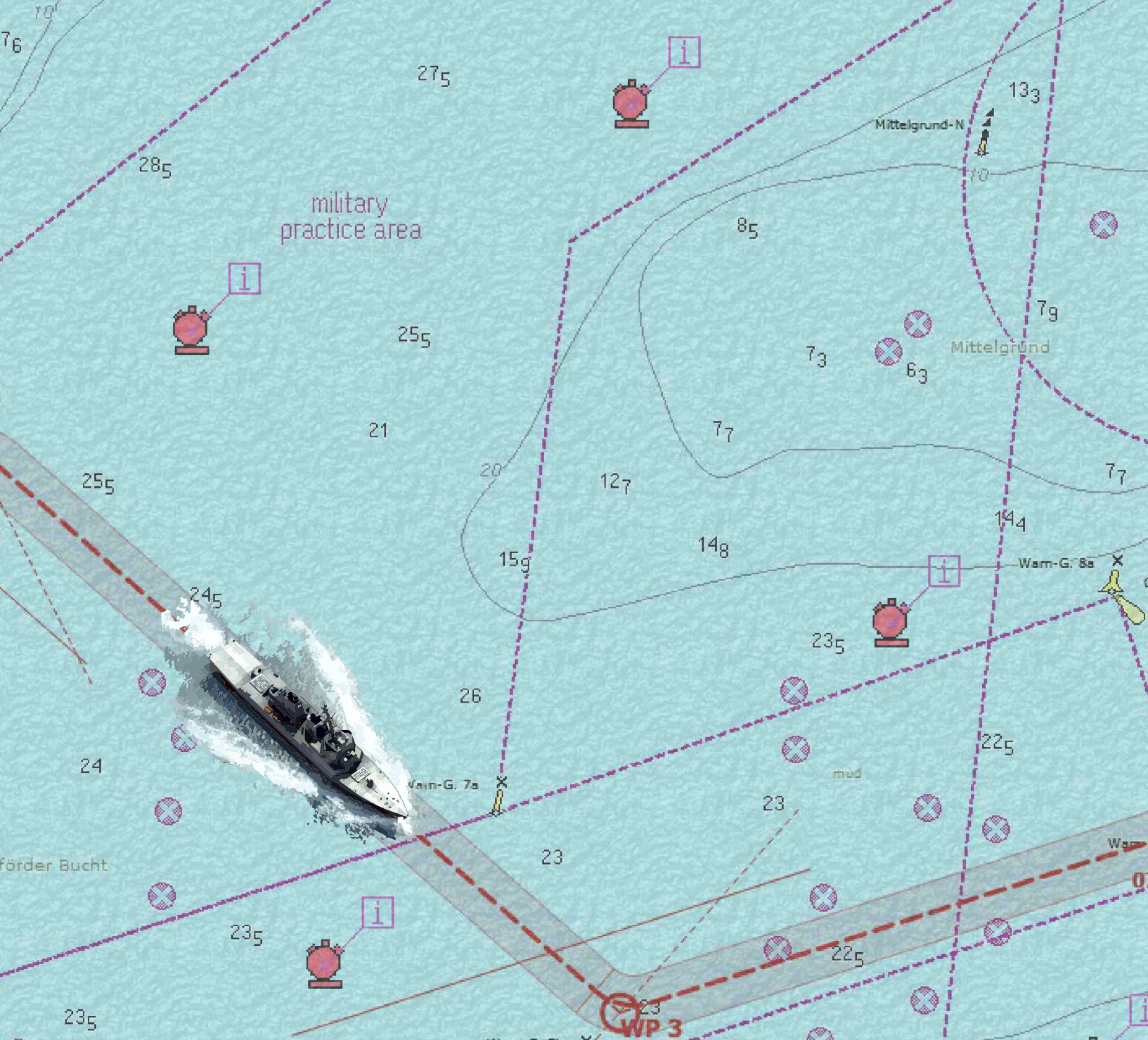




ORCA

NAVY G2

Professional Touchscreen Navigation Software

ORCA

NAVY G2

Professional ECS (Electronic Chart System) application
specially developed for touchscreen operation

ORCA Navy G2 ideally suited as navigation system
for small military crafts, where mobility
and ease of use are mission critical.

The application can display all relevant commercial and military chart formats
to allow a mutual situational awareness within the fleet.

It offers all functions required in a navigation system
but remains intuitive in its usability.

The screenshot displays the ORCA Navy G2 application interface. On the left, a 'Check Route & Planning Mode Settings' panel is visible, showing route details and safety parameters. The main area features a map with a planned route and various navigational markers. On the right, a vertical toolbar contains icons for S-Mode, Sailing Mode, Planning Mode, Chart Loader, View Alerts, Settings, Profiles, and Minimize. At the bottom, a table lists waypoints (WP 1 to WP 7) with their respective coordinates, distances, and other navigational data. The bottom status bar includes various system indicators and control buttons.

Check Route & Planning Mode Settings

Route Name: X-Ray anchorage to Echernfoerde Port
Check Status: **Dangers**
Check Date: 09.08.2018 07:02 (00:00 W)
Safety Contour used: 10.00m
Safety vert. clearance used: 50.00m

☐ Use global values

Vertical safety clearance: 50.00 m
Shallow Contour: 2.00 m
Safety Contour: 10.00 m
Safety Depth: 10.00 m
Deep Contour: 20.00 m

☒ AtoNs

☒ Areas with special conditions AREAS

☐ Use CATZOC

Check Route

	stb.	Merge XTL	PI port [NM]	PI stb. [NM]	Leg Type	Turning Radius [m]	Note 1	Note 2	WOL Alarm [s]	WP App Alarm
1 WP 1	54° ...									
2 WP 2	54° ...	264.7	0.7	100.0	100.0		Rhum...	200.0	0	0
3 WP 3	54° ...	243.2	2.1	100.0	100.0		Rhum...	200.0	0	0
4 WP 4	54° ...	274.5	0.2	100.0	100.0		Rhum...	200.0	0	0
5 WP 5	54° ...	331.0	0.2	100.0	100.0		Rhum...	200.0	0	0
6 WP 6	54° ...	40.9	0.2	100.0	100.0		Rhum...	200.0	0	0
7 Add WP										
Total: 3.5										

VECTOR: 6min T.GND position by EPFS1 ERBL Edit Check Show Routes Undo Redo Pick Chart Settings Go to Ship

ACTIVE: NO INPUT

Depth/Height in metres **WGS84**

Functional Description

Sensor Connectivity

- EPFS (GPS) x 2
- Echo Reference (up to 4 targets processing)
- Dead Reckoning
- Visual LOP and ARPA LOP transfer
- Heading sensors (up to 2)
- Speed Log

Target Information

- Target Data from AIS
- Target Data from ARPA-Radar (up to 2)
- AIS and ARPA Target association
- Radar Overlay (Optional Hardware required)*

Chart Data Formats

- S57 / S63 ENC
- bENC
- ACES (ChartWorld SENC)
- Additional Military Layer (AML 3.0)
- DNC (VPF)
- RCDS (ARCS, BSB)
- CIO+

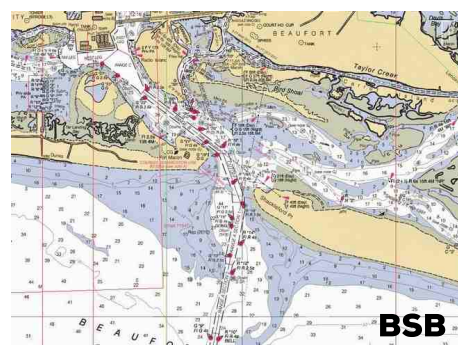
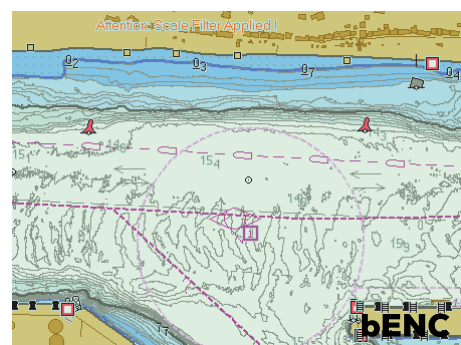
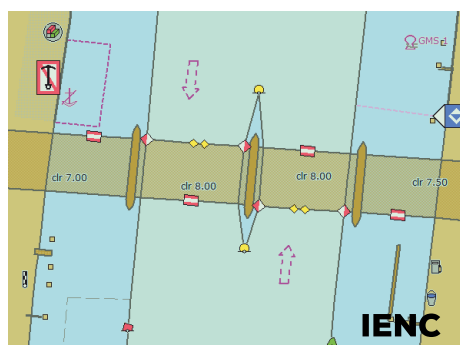
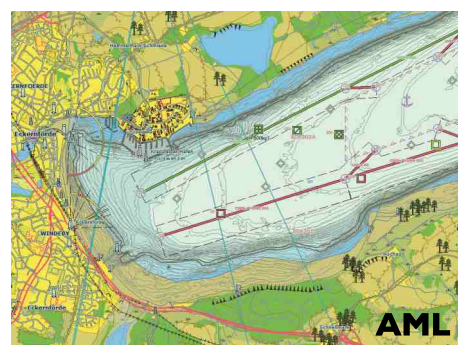
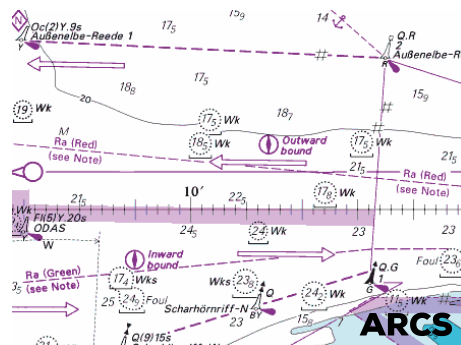
Chart Maintenance

- ENC updating by media
- Automatic ENC updating from ftp-Server
- Automated ENC Updates via ship's E-mail

Special Features

- Universal Transverse Mercator (UTM)
- Military Grid Reference System (MGRS)
- Universal Polar Stereographic (UPS) Projection

* Please consult with 7Cs if this option is supported for a particular make/model of the radar.



Professional Navigators around the world trust in products made by SevenCs,
because we offer the most reliable and easy to use navigation solutions.
Thousands of customers benefit from more than 25 years of experience
to enhance safety and utilize a smart but cost-efficient systems.



SevenCs GmbH | Atlantic Haus | Zirkusweg 1 | 20359 Hamburg | GERMANY
T: +49 40 851 7240 | F: +49 40 851 72 479
sales@sevencs.com | www.sevencs.com