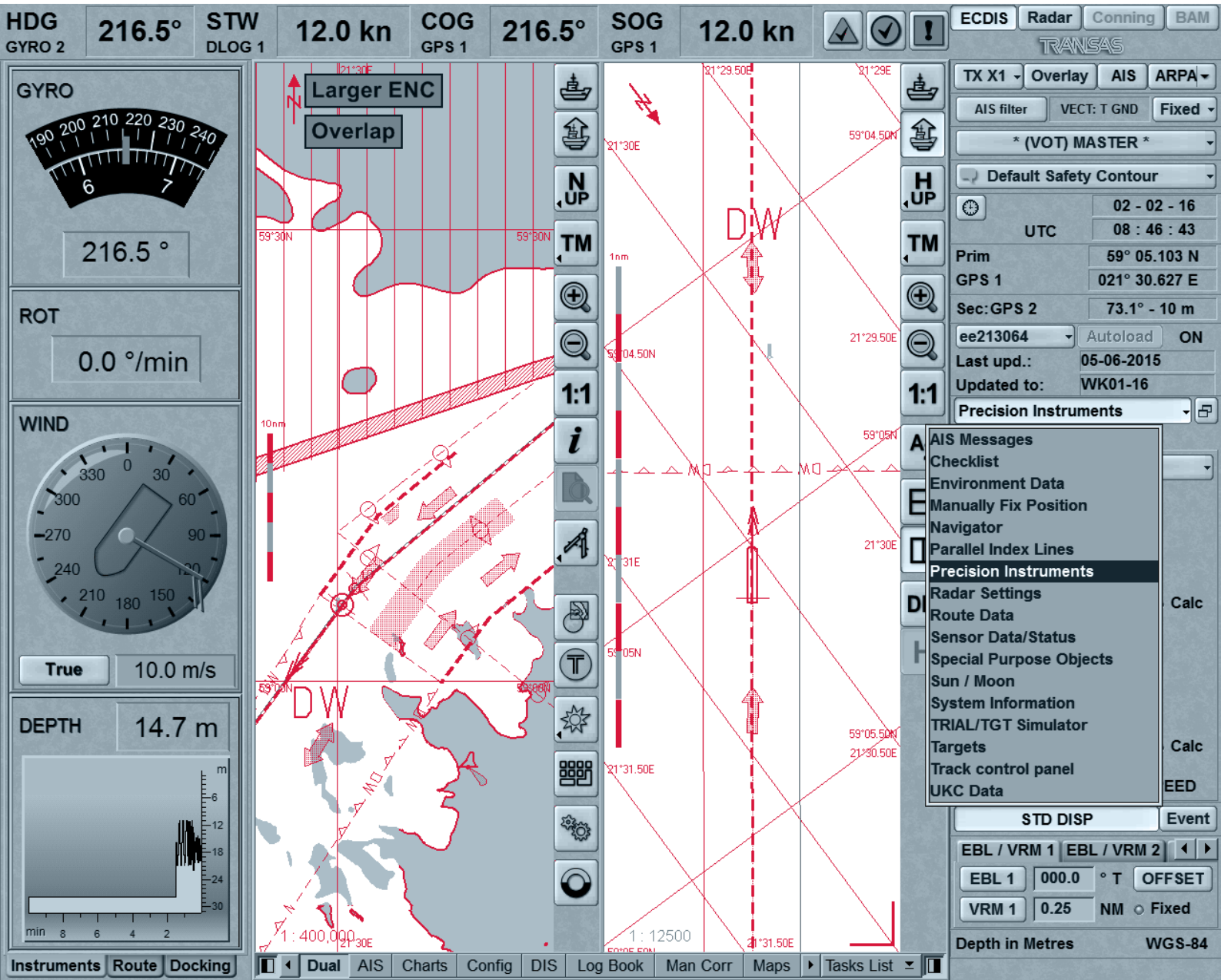


NAVI-SAILOR 4000 ECDIS

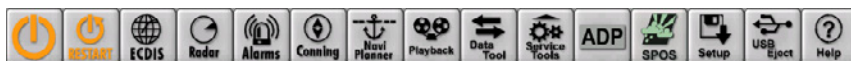
QUICK REFERENCE GUIDE


















- INTEGRATOR TOOLBAR
- CHART PANEL
- CHART PANEL BAR
- CONTROL PANEL
- DISPLAY MODE PANEL
- FUNCTIONALITY PANEL
- KEYBOARD

TRANSAS INTEGRATOR TOOLBAR

To show or hide Transas Integrator toolbar press  on the keyboard.



ICON	FUNCTION
	Turning the WS off
	Restart the WS
	ECDIS
	RADAR
	BAM (BNWAS inside) Bridge Alarm Management (BAM) – the task allows display alerts and their history Bridge Navigational Watch Alarm System (BNWAS) – the task enables BNWAS
	CONNING
	Navi-Planner – the task allows planning routes and voyages
	Playback – the task allows reproducing information archived by the ECDIS task
	Data Tool – the task is intended for handling files used for MFD operation
	Service Tools – to call the menu of service utilities
	ADP – the task is intended for handling Admiralty Digital Publication software
	SPOS* – the task allows receive a weather forecasts, process it and used them in the ECDIS task
	Setup – the task is intended for installation updates
	USB Eject
	Help – the task allows to read the electronic help

 Use left-click












* optional

TRANSAS INTEGRATOR TOOLBAR

Service utilities



Service utilities made available by pressing the 'Service Tools' button.

ICON	FUNCTION
	Task Manager (accessible to the system engineer only) – the task allows use of standard Windows applications
	System Configuration (accessible to the system engineer only) – the task is intended for the connection of external devices, MFD configuring and setup
	Recovery Points – the task allows save and recover configuration
	First Aid – the task is intended for the MFD troubleshooting
	Autorun – the task allows configure automatic start of utilities during the system start
	Datum Converter – the task is intended for converting geographic coordinates to WGS 84 datum;
	Colour Diagrams – the task is intended for calibrating the monitor's main colour palette
	Hotkey Editor – the task allows set up hotkey buttons
	Licence Update – this wizard is intended for updating the product license
	NPL Config – the task is intended for the Navi-Planner 4000 configuring and setup
	BAM Config – the task is intended for the BAM and BNWAS configuring and setup





 Use left-click

CHART PANEL

In the chart area of 'Main' panel, the cursor may have a form of different tools switched by pressing the right trackball/mouse button.




FREE CURSOR

 Right-click to select  Left-click to activate






CURSOR	FUNCTION
	To turn ON Review function
	Measure bearing and distance
	Choose and display chart fragment
	Place the ship symbol in the cursor position (for 'Dual' panel only)

INFORMATION CURSOR

 Use left-click

CURSOR	FUNCTION
	Calls the WPT data card
	Calls the lighthouse data card
	Calls the Information about charts objects

TARGET CURSOR

CURSOR	FUNCTION
	Calls the target data card
	ARPA acquisition cursor
	AIS activation cursor
	Cursor for cancelling ARPA tracking
	AIS deactivation cursor



TAB	FUNCTION
	Display Main and Dual Chart panel
	Show Control/Conning panel

CHART PANEL BAR

	Alarms status and acknowledgement, warnings status and acknowledgement, cautions status
	Return to the display of the area where the own ship is located
	Set Own Ship symbol at any location on the chart panel
	Orientation to the north/by the compass heading/by the direction of the current leg of the monitored route
	Selecting Relative motion mode/True motion mode
	Increase the chart display scale
	Decrease the chart display scale
	Display the chart on the original scale
	Obtain chart and chart objects information
	View ARCS and Seafarer format charts
	Use Quick Distance Tool and select the mode of distance measurement
	Turn on the display of the chart over the radar picture
	Open Transas Integrator toolbar
	Select the screen colour palette to suit outside illumination
	Display the virtual keyboard
	Create and load User Configurations
	Enable Man Over Board mode

Use left-click

CONTROL PANEL

BUTTON	FUNCTION
<input type="button" value="Position Dropped"/>	Return to own ship's position on the chart panel
<input type="button" value="TX-1"/>	Choose radar overlay source (optional)
<input type="button" value="Overlay"/>	Radar overlay ON/OFF (optional)
<input type="button" value="AIS"/> <input type="button" value="ARPA"/>	Choose the type of sensor for targets presentation (optional)
<input type="button" value="* MASTER *"/>	Choose the status of the workstation
<input type="button" value="🕒"/>	Choose UTC or Ship's time
<input type="button" value="ee213064"/>	Choose another chart under the ship position
<input type="button" value="Autoload"/>	Allows the automatic display of an optimum chart in relation to own ship's position and scale
<input type="button" value="Event"/>	Insert event mark on own ship track and record to Logbook
<input type="button" value="Fixed"/>	Select own ship vector length

DISPLAY MODE PANEL

Click on button to open Drop Down menu.

BUTTON	FUNCTION
<input type="button" value="AIS Messages"/>	View received AIS messages
<input type="button" value="EBL/VRM"/>	Display two independent EBL/VRM
<input type="button" value="Environment Data"/>	Show tides, tidal currents and surface currents. Animate tides and currents
<input type="button" value="Ice Charts"/>	Control of the ice charts display
<input type="button" value="Manually Fix Position"/>	Obtain position by manually plotted bearings and distances
<input type="button" value="Navigator"/>	Display main navigational data
<input type="button" value="Precisions instruments"/>	Work with the functionalities used to indicate own ship future positions (optional)
<input type="button" value="Predictor"/>	Activate Prediction functionality
<input type="button" value="Radar Setting"/>	Set radar overlay parameters (optional)
<input type="button" value="Route Data"/>	Display information about the monitored route
<input type="button" value="Sensor Data/Status"/>	Display positioning information from Electronic Position Fixing System (e.g. GPS) and own ship AIS VDL data
<input type="button" value="Special Purpose Objects"/>	Switch on Special Purpose Objects
<input type="button" value="System Information"/>	Display Drift, Current, Safety Contour, Wind, Water temperature, Depth and Tide information
<input type="button" value="Targets"/>	Acquire targets, Cancel tracked targets, Switch on Guard Zones
<input type="button" value="Trial/TGT Simulator"/>	Activate Trial Maneuver and ARPA Target Simulator functionality (optional)
<input type="button" value="User Configurations"/>	Create and save graphical user interface configuration

 Use left-click

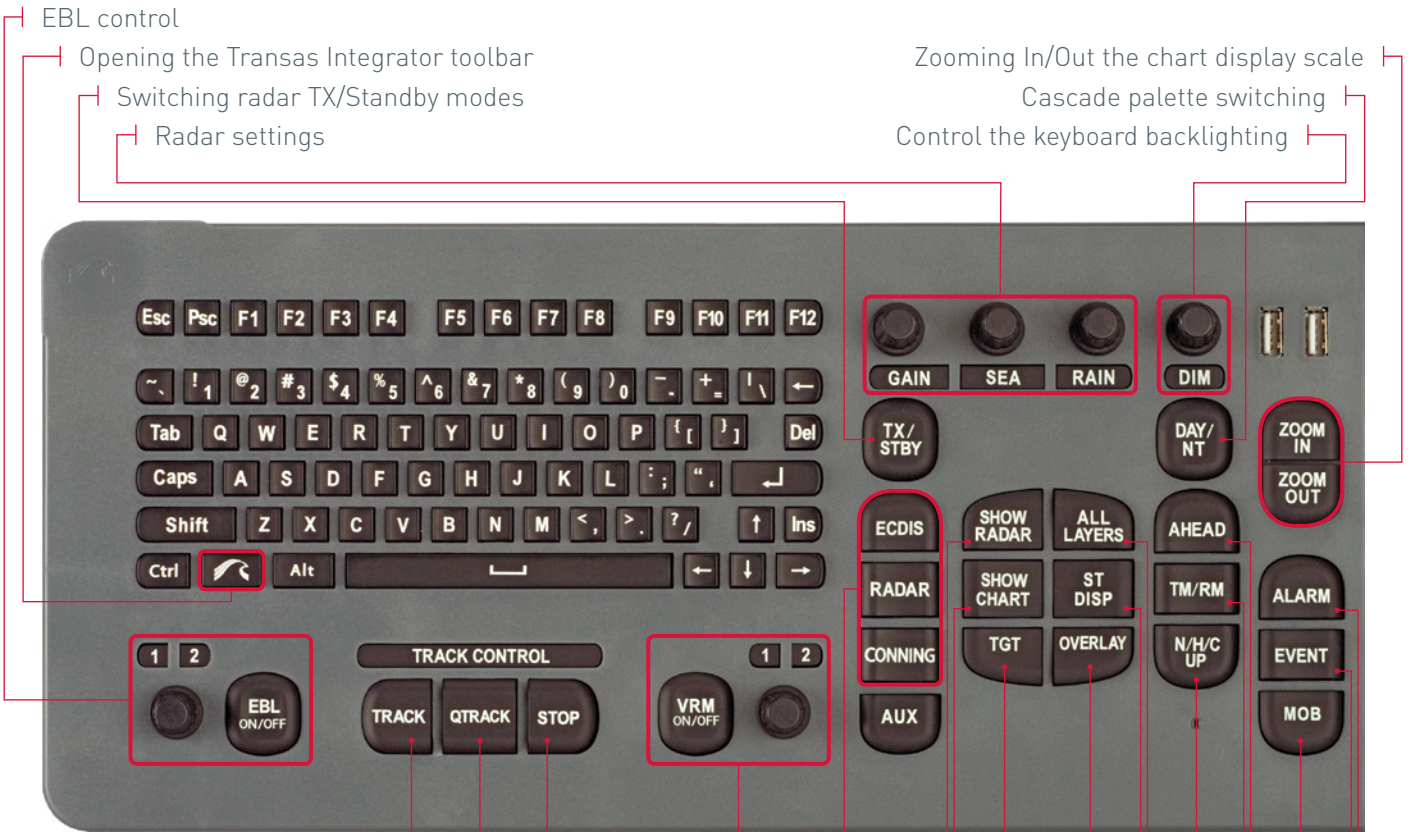
FUNCTIONALITY PANEL

Click on button to open Drop Down menu.

TAB, BUTTON	FUNCTION
<input type="text" value="AIS"/>	Manage AIS transponder functionality
<input type="text" value="Charts"/>	Set chart parameters Open Navi-Planner 4000 application
<input type="text" value="Config"/> <input type="button" value="Exit"/>	Customize general system settings Exit ECDIS Task
<input type="text" value="Logbook"/>	View and manage logbook functionality
<input type="text" value="Manual Correction"/>	Create manual correction objects
<input type="text" value="Maps"/>	Create additional information objects
<input type="text" value="Monitoring"/>	Set parameters for Route monitoring, Safety alerts and Navigational alerts
<input type="text" value="Navtex"/>	View NavTex messages (optional)
<input type="text" value="Overlays"/>	Set additional chart layers
<input type="text" value="Planning Route"/>	Plan a route and calculate route schedule
<input type="text" value="Sensors"/>	Set navigational sensors
<input type="text" value="Targets"/>	Display AIS and ARPA target information (optional)
<input type="text" value="Tasks"/>	Create SAR routes View tide table View port information



ES6 KEYBOARD



EBL control

Opening the Transas Integrator toolbar

Switching radar TX/Standby modes

Radar settings

Zooming In/Out the chart display scale

Cascade palette switching

Control the keyboard backlighting

Turning on the Track Control mode

Turning on a temporary route creating mode

Turning off the Track Control mode

Variable Range Marker control

Running ECDIS, Radar and Conning tasks

Backlighting the radar picture on the screen

Selecting chart information

Turning on/off display of ARPA and AIS targets

Turning on/off the Radar overlay

Display the Standard mode of chart layers

Show all chart layers

Switching successively to North UP/Heading UP/Course UP ownship presentation modes

Switching between ownship True Motion and Relative Motion modes

Return to the display of the area where the own ship is located

Turning on the MOB alarm mode

Making an instant position recording in the electronic log

Alarms and warnings acknowledgement



Left button for right-handed person

Scroll wheel

Left button for left-handed person

Right button