SIMRAD

NSO
Quick Reference Guide

EN

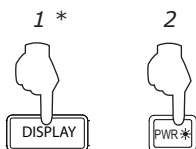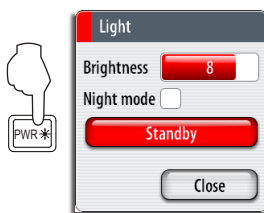| Key	Description
1	MOB. Man Overboard. A press positions a MOB waypoint at the vessel's current position
2	Display Under Command LEDs. Indicates which display the OP40 is controlling
3	DISPLAY key. Short press: Change which display the OP40 is controlling. Long 5 second press: enter OP40 configuration and system startup
4	PLOT/MARK key. A short press activates the Plot menu, a long press positions a waypoint at the vessel position
5	Zoom keys for radar, echosounder and chart panels
6	GOTO/VESSEL key. A short press activates the Goto menu, a long press centers the chart to vessel position
7	✓ key — Activates/confirms current selection
8	Rotary knob. Used to maneuver in the menu system, and for context specific operation
9	X (Exit) key. Used to close dialogs, and to return to previous menu level. Removes the cursor from the screen on radar, sonar and chart panels
10	Cursor keypad used to move the cursor on the display, and to maneuver in the menu system
11	WIN key, used on multiple panels pages. A short press toggles between the panels, a long press expands active panel to a full page panel and back again
12	MENU key. A single press displays the context menu for active panel/overlay/operation. Pressing the key twice displays the Settings menu
13	Direct Access Keys (DAK). Provide direct access to a page. Repeated presses of each DAK cycles through several different pages that relate to the DAK
14	PWR: Short press used to turn on active processor/display Short press during operation used to bring up the power control and brightness dialog (and Radar STBY if applicable)
15	STBY AUTO: Autopilot Auto steer / Stand-By
16	Alpha numeric keypad used for entering numbers and text in dialog boxes

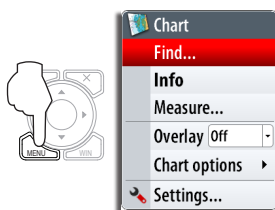# ▶ Turning the unit on/off

Power ON	*Standby*	*Power OFF*

Power ON

1 *   2

DISPLAY   PWR ✳

* Multiple processor systems only

Standby

PWR ✳

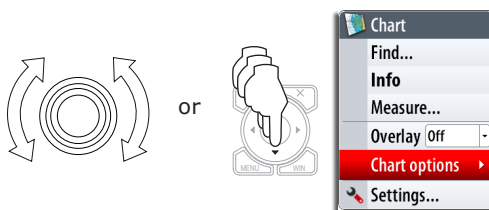| Light |
|---|
| Brightness ▮ 8 |
| Night mode ☐ |
| **Standby** |
| Close |

Power OFF

3 s

PWR ✳

NOTE: There is 5 second delay before an image will appear on the screen.
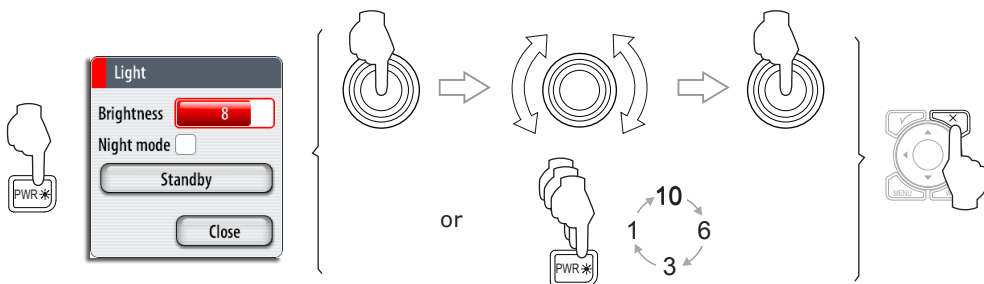

▶ Operating the menu system

Display menu

MENU   WIN

🗺 Chart
Find...
Info
Measure...
Overlay Off
Chart options ▸
🔧 Settings...

Select menu item

or

🗺 Chart
Find...
Info
Measure...
Overlay Off
Chart options ▸
🔧 Settings...

Exit menu

MENU   WIN

Toggle selection

or

Orientation	North up
Chart detail	Medium
Look ahead	☑
Categories...	
Imagery	2D

▶ Adjusting backlight

PWR ✳

Light
Brightness ▮ 8
Night mode ☐
Standby
Close

⇨   ⇨

or

PWR ✳

10
1   6
3

MENU

▶ Man Over Board (MOB)

Activating the MOB function

Cancelling the MOB function

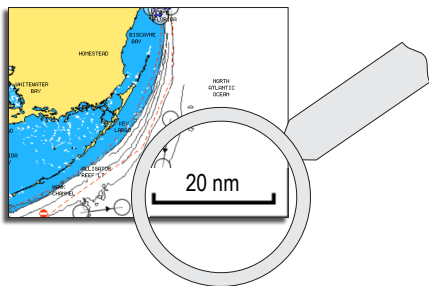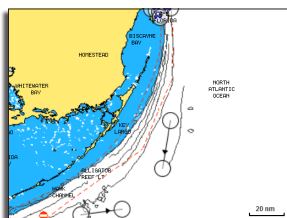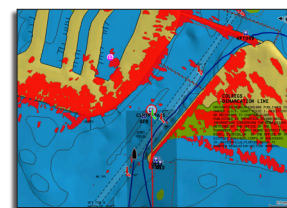| Goto |
|------|
| Cancel navigation |
| Restart from here |
| Waypoint MOB |
| Cursor |
| Waypoint... |
| Route... |
| Coordinate... |
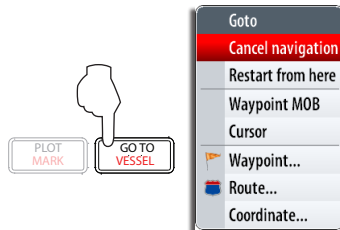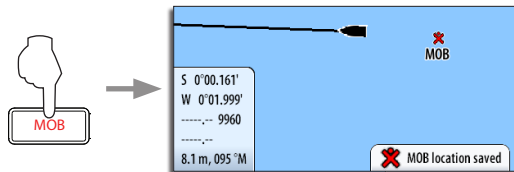
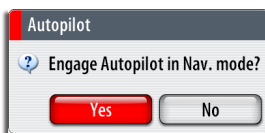# ▶ Selecting Applications
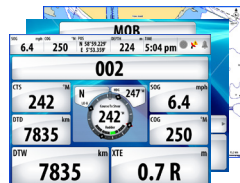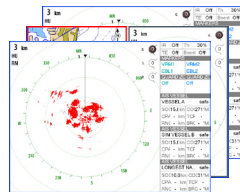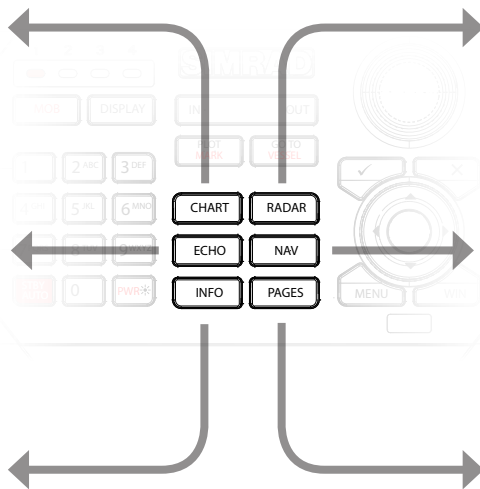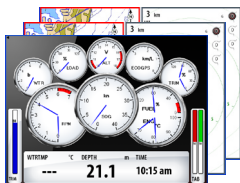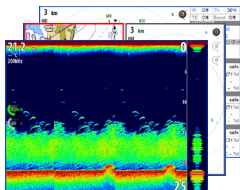
▶ Using charts

Changing chart range

20 nm

or

IN   OUT

Finding chart objects

| Chart |
| Find... |
| Info |
| Measure... |
| Overlay Off |
| Chart options ▸ |
| 🔧 Settings... |

Find from vessel
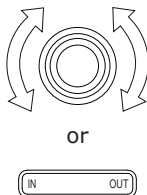
| 1 Vessels | 2 Chart Items | 3 Coordinates |
| Routes | Waypoints | Tracks |
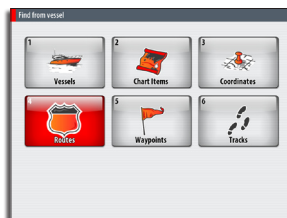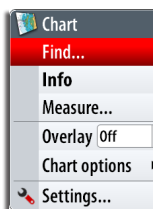
Displaying radar overlay on chart pages

| Chart |
| Find... |
| **Info** |
| Measure... |
| Overlay Radar |
| Radar options ▸ |
| Chart options ▸ |
| 🔧 Settings... |

▶ Navigating

PLOT MARK   GO TO VESSEL

| Goto |
| Cursor |
| Waypoint... |
| Route... |
| Coordinate... |

Autopilot

❓ **Engage Autopilot in Nav. mode?**

Yes   No
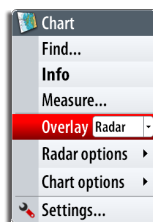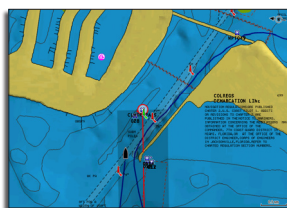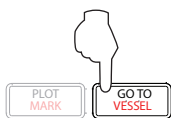
NOTE:
This prompt will appear
only with optional
Simrad autopilot
integration.

▶ Using the radar

Turning radar transmitting On/Off
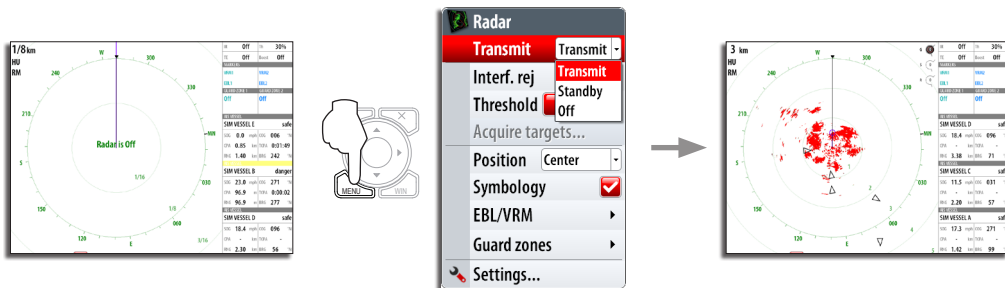
Adjusting radar image   *Select*   *Select preset*   *Adjust*
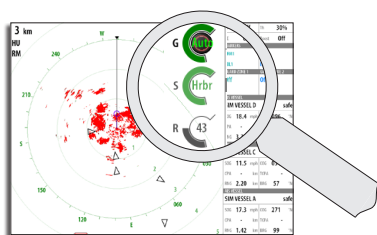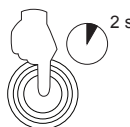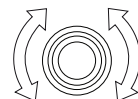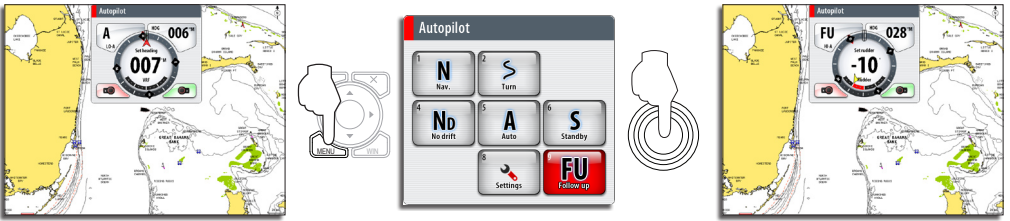

Gain "Auto" - Manual
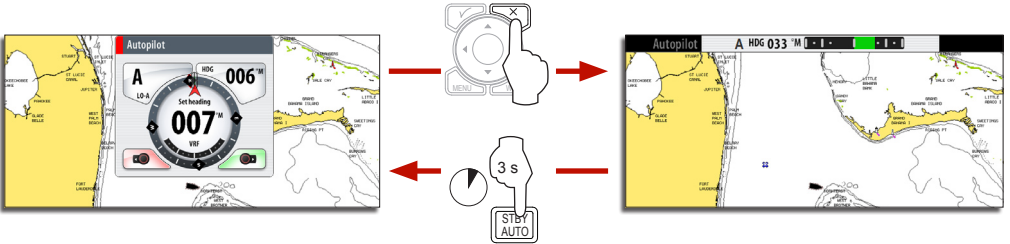
"Hrbr" - "Ofsh"

▶ Using the Autopilot

Activating the Autopilot
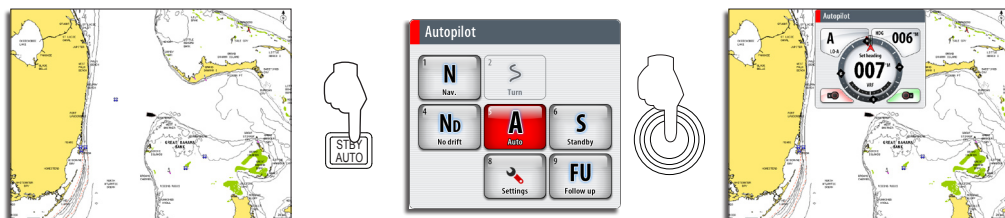
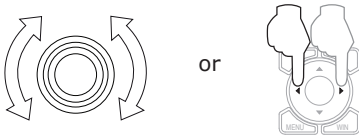### *Selecting autopilot mode*

Turning the Pilot pop-up ON/OFF

NOTE: The Pilot pop-up must be ON to operate the autopilot.
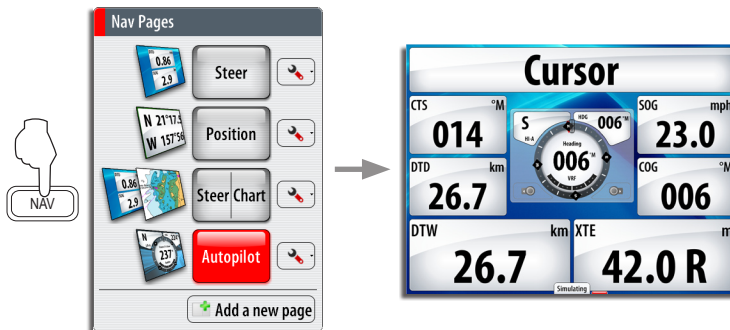
Changing course in Auto mode

or

Returning to Standby mode and manual steering

A short press on the **STBY/AUTO** key switches the system to Standby mode.

Use left/right cursor keys for power steering with Pilot pop-up active.

The Autopilot panel

*NOTE:
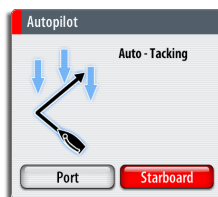The rotary knob
must be pressed to
change course from
the Autopilot panel!*

▶ Sailing with autopilot

Maintaining a fixed wind angle

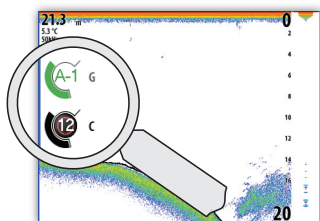Before initiating Wind steering adjust the boat heading until wind is according to selected wind angle.
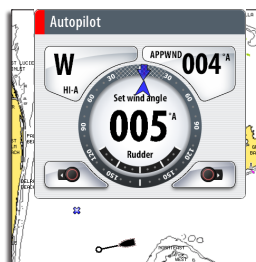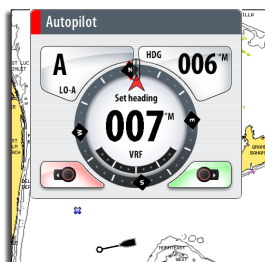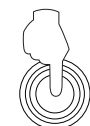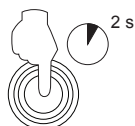

Tacking
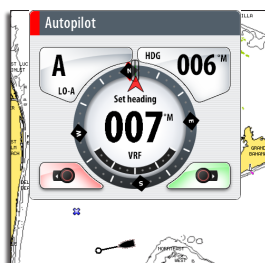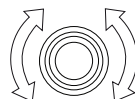

▶ Using the Echosounder

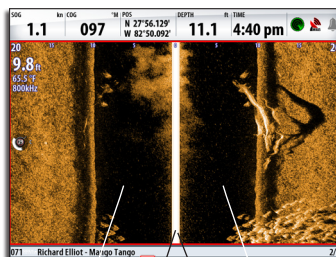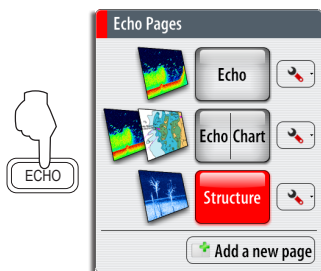### Adjusting sounder image

Select

Auto/Manual

Adjust

▶ The StructureScan panel

NOTE: Only available when StructureScan is detected on the network.
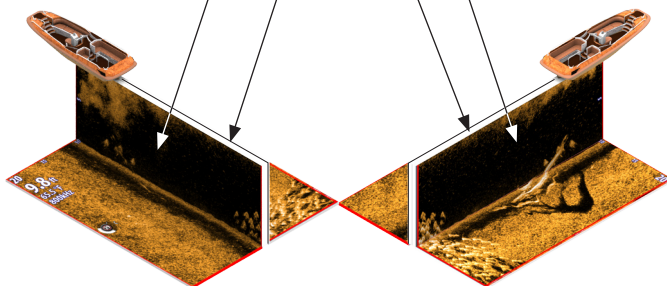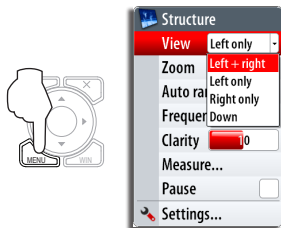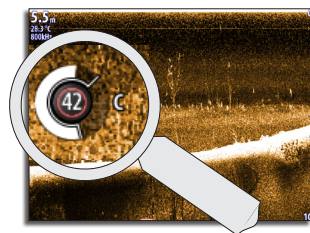
Open a StructureScan page

Left water column

Surface

Right water column
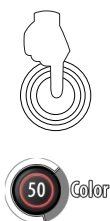
Selecting views

Adjusting color intensity

Activate

Adjust
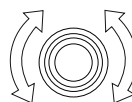
User manual available on:

simrad-yachting.com

988-10022-001