



Function Bar
Press **ENTER** to display primary Function Bar (as shown here)
Use trackpad to highlight function then **ENTER** to select
Ellipses (...) after the text indicate further options available by highlighting then pressing **ENTER**

POWER
Press and hold until unit beeps to turn on display
Press once to adjust lighting & contrast.
Press and hold for 3 seconds to turn off display

Trackpad
Controls cursor position on screen and highlights functions

ENTER
Confirms selection and (if appropriate) clears current functions. It either performs the selected task and accepts changes, or confirms selection of more options

RANGE
Adjusts chart scale
Displayed vertical distances shown in Status Bar (top of screen)
- Press top of key to increase the chart range
- Press bottom of key to decrease the chart range
- Press and hold to change the scale rapidly

CLEAR
Cancels operation in progress and returns to previous display
Deletes a highlighted item

GOTO WAYPOINT
Press **GOTO** to display Function Bar
Select **GOTO WAYPOINT** function to display Waypoint List

WAYPOINT LIST	
SYMBOL	NAME
⚓	WAYPOINT 001
✕	WAYPOINT 002
✕	WAYPOINT 003
✕	WAYPOINT 004
✕	WAYPOINT 005

POSITION 50°21.865'N
001°20.865'W
BRG -186°T **RNG** 21.0NH
DATE ---:---:--- **TIME** ---:---:---

Use trackpad to highlight required waypoint
GOTO WAYPOINT TRACKPAD SELECTS WPT, "ENTER" STARTS GOTO, "CLEAR" TO QUIT
Press **ENTER** to implement **GOTO WAYPOINT** function

GOTO CURSOR
Press **GOTO** to display Function Bar
Select **GOTO CURSOR** function

GOTO CURSOR MOVE CURSOR, "ENTER" TO START GOTO CURSOR, "CLEAR" TO QUIT
Press **ENTER** to place a temporary waypoint and start the **GOTO**

GOTO PORT
Press **GOTO** to display Function Bar
Select **GOTO PORT** function

GOTO PORT TRACKPAD SELECTS PORT, "ENTER" STARTS GOTO, "CLEAR" TO QUIT
- The Port List is displayed
Use trackpad to highlight required port
Press **ENTER** to start the **GOTO**

To stop a GOTO
Press **GOTO** to display Function Bar (or move cursor over any waypoint in the current route)

STOP GOTO or **STOP FOLLOW**
Select **STOP GOTO** or **STOP FOLLOW** (as appropriate)
Press **ENTER** to stop the **GOTO**
- The dotted line from your vessel to the target disappears

Man OverBoard (MOB)
Press and hold **GOTO** for at least two seconds
- Waypoint 0999 is created and marked with MOB symbol
- Status Bar shows bearing and range to the MOB position, elapsed time since initiated and Course Over Ground data

PAGE - Selects Setup options and display mode.
Press to display Setup Function Bar and use horizontal trackpad movements to highlight required option. Press **ENTER** to select
Press **PAGE** again repeatedly to cycle through display modes

SYSTEM SET UP
Use horizontal trackpad movements to highlight **SYSTEM SET UP**
Press **ENTER** to select

SYSTEM SET UP CHART SET UP TRACK SET UP GPS SET UP
Use vertical trackpad movements to select parameter
Use horizontal trackpad movements to change setting
Press **ENTER** to implement change

CHART SET UP
Use horizontal trackpad movements to highlight **CHART SET UP**
Press **ENTER** to select

CHART SET UP CHART SET UP TRACK SET UP GPS SET UP
Use vertical trackpad movements to select parameter
Use horizontal trackpad movements to change setting
Press **ENTER** to implement change

TRACK SET UP
Use horizontal trackpad movements to highlight **TRACK SET UP**
Press **ENTER** to select

TRACK SET UP CHART SET UP TRACK SET UP GPS SET UP
Use vertical trackpad movements to select **INTERVAL**
Use horizontal trackpad movements to change setting
Press **ENTER** to save value
Use horizontal trackpad movements to highlight **TRACK OFF**
Press **ENTER** to start track - text indicates **TRACK ON**

SMARTROUTE
To convert a track to a route, select **MAKE INTO ROUTE**
Press **ENTER** to convert to a (reversed) route

GPS SET UP and Status
Use horizontal trackpad movements to highlight **GPS SET UP**
Press **ENTER** to display the GPS Status page
Press **ENTER** to display the Differential GPS Set Up page (RC420D)
Use vertical trackpad movements to select parameter
Use horizontal trackpad movements to change setting
Press **ENTER** to implement change

GPS SET UP CHART SET UP TRACK SET UP GPS SET UP

Bridge Card - RayChart 435 Chartplotter

Chart Display

Chart Range

Status Bar
 CSR 48°30.367'N BRG 231°T
 POS 1°35.636'W RNG 40.91nm

Chart Boundary
 Indicates further detail is available inside. Shown when using Navionics® Nav-chart card.

Waypoint
 X

Vessel's Position
 Ship icon

Primary Function Bar
 Press ENTER to display
 Press CLEAR to remove

FIND SHIP | ROUTES | WAYPOINTS | MORE...

Navigation Elements: Tide Current, Port Services, Tide Height, Cursor, Buoy.

Display Modes

From Chart Display
Press PAGE to display Set Up functions

SYSTEM SETUP | CHART SETUP | TRACK SETUP | GPS SETUP

Press PAGE to return to Chart display

SUNRISE 5:05
 SUNSET 21:14 TODAY
 AT POSITION (VESSEL)
 50°46.349' N
 001°10.411' W
TIME 2:18
DATE 13/ 7/99

ETA (WAYPOINT) 3:03 13/ 7/99
 TTG (WAYPOINT) 0:44
 ETA (ROUTE) 3:44 13/ 7/99
 TTG (ROUTE) 1:25
 STEER STARBOARD

Note: In any display mode, press GOTO to return to chart display

Press PAGE to display Time/Date information

POSITION
 50°46.338' N
 1°10.391' W
COG 313° T
SOG 5.0 Kts

BRG 313° T
 RNG 3.76 nm
 STEER STARBOARD

Press PAGE to display Navigation Data

ROUTE "CURRENT"
 WAYPOINT 01 "HILLHEAD"
BRG 313° T
RNG 3.76 nm

COG 313° T TIME 2:17 13/ 7/99
 SOG 5.0 Kts TTG 0:45
 XTE 0.02 nm ETA 3:03 13/ 7/99
 STEER STARBOARD

Press PAGE to display CDI

STEER STARBOARD
 "MPT 004"
 XTE 0.05 nm IPT BRG 64°T IPT RNG 6.45 nm
 TILG 0:12 COG 64°T SOG 30.0 Kts

Press PAGE to display BDI

ON COURSE
 "MPT 004"
 XTE 0.05 nm IPT BRG 64°T IPT RNG 6.29 nm
 TILG 0:12 COG 64°T SOG 30.0 Kts

Press PAGE to display Waypoint Data

Route List

Press ENTER to display Primary Function Bar
Select **ROUTES**, then select **MORE** and press **ENTER**
Select **ROUTE LIST** and press **ENTER**

CSR 48°30.367'N BRG 231°T
 POS 1°35.636'W RNG 40.91nm
128 nm

ROUTE LIST
 1 ROUTE 01
 2 -
 3 -
 4 -
 5 -

SHOW ROUTE | ERASE ROUTE | NAME ROUTE

Waypoint List

Press ENTER to display Primary Function Bar
Select **WAYPOINTS**
Select **WAYPOINT LIST**

CSR 48°30.367'N BRG 231°T
 POS 1°35.636'W RNG 40.91nm
128 nm

WAYPOINT LIST
 SYMBOL NAME MPT 001
 X MPT 002
 X MPT 003
 X MPT 004
 X MPT 005
 POSITION 50°21.966'N
 001°20.368'W
 BRG 186° T RNG 21.0 nm
 DATE 13/10/99 TIME 15:30

GOTO WAYPOINT | EDIT WAYPOINT | MAKE NEW WAYPOINT | MPT/ROUTE TRANSFER