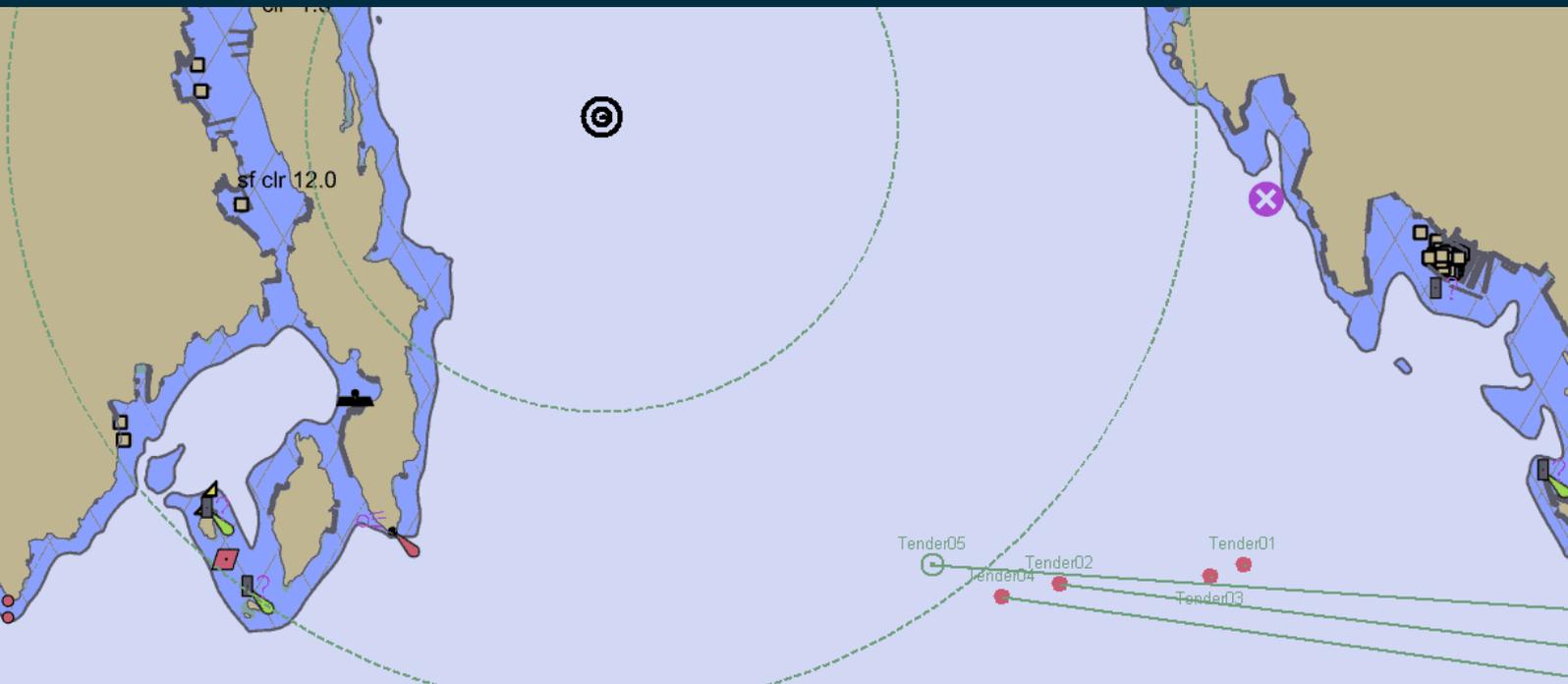# TENDER TRACKER

SECURE REAL-TIME TRACKING OF TENDERS AND JET SKIS

K-Bridge ECDIS provides full support for tender tracking

Description

The Tender Tracking option for K-Bridge ECDIS enables the operator to track all tenders (including jet skis and other watercraft operating from the yacht) in real time on the chart. The tenders appear in their respective positions, each with a speed vector and optionally the tender's name and past position marks.

The tenders constantly transmit their position, speed and COG to the yacht. If equipped with an optional echo-sounder and wind sensor, they also transmit depth and wind data. All the data received from a given tender can be viewed in a dialog box on ECDIS (see overleaf).

Radio equipment - including a base unit on the yacht and individual units on each tender - keeps the yacht in constant data communication with its tenders.

In addition the tenders have a PANIC button installed for summoning help. If anyone on a tender presses the PANIC button, that tender's tracking symbol on ECDIS immediately flashes red and an alert is generated.

Guard zones can be configured around the yacht. If a tender goes beyond the permitted range for tenders, or if the designated "priority" tender (carrying for example a VIP) comes closer than the "priority" tender approach limit, an alert is issued and the tender's symbol flashes red on the chart.

Remote ignition control (available on some vessels) enables the ECDIS operator if necessary to immobilize a tender.
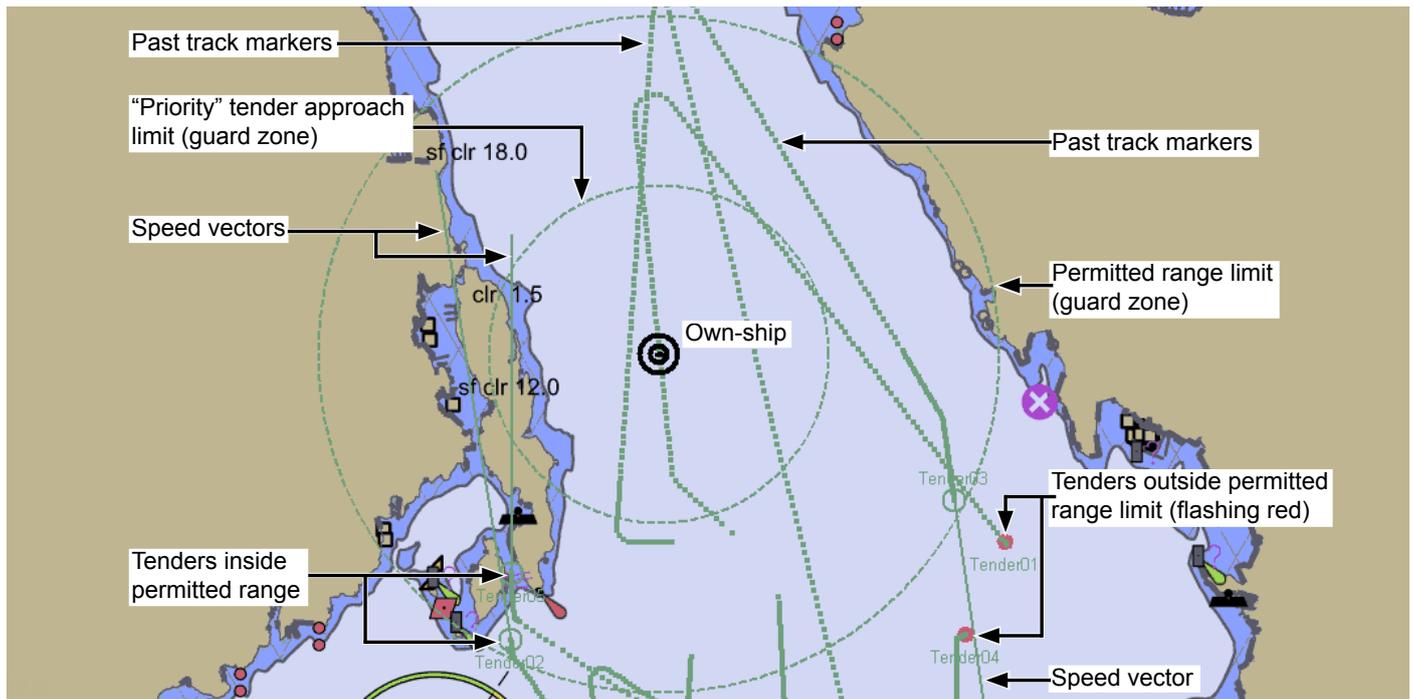
The ECDIS operator can also "call" a tender by remotely sounding a buzzer onboard any of the tenders.

All tender tracking communication between the yacht and its tenders is securely encrypted.

Key features
- Real-time tracking of tenders, jet skis and other watercraft on the chart
- Secure encryption
- PANIC alarms
- Guard zone alarms (for both range and approach)
- Position, speed and COG viewable for each tender
- Depth and wind data (optionally) viewable for each tender
- Remote ignition control to immobilize a tender (available on some vessels)
- Call tender function (remote sounding of buzzer)
- Past track markers displayable on the chart
- Tender names displayable on the chart
- Tender names editable in ECDIS

REAL-TIME TENDER TRACKING ON THE ECDIS CHART

Past track markers

"Priority" tender approach limit (guard zone)

Speed vectors

sf clr 18.0

clr 1.5

sf clr 12.0

Own-ship

Tenders inside permitted range

Tender03

Tender01

Tender02

Tender04

Past track markers

Permitted range limit (guard zone)

Tenders outside permitted range limit (flashing red)

Speed vector

TENDER DATA VIEWABLE IN AN ECDIS DIALOG BOX

K-Bridge ECDIS allows the operator to view data received from any tender belonging to the own-ship, including:

- Position coordinates
- Speed and course over ground
- Range and bearing from the own-ship
- Elapsed time since last data transmission ("Age")
- Course to steer (CTS) back to the own-ship
- Depth data (if available)
- Wind data (if available)

Tender Tracker Data

No:	Name:	Range:	Bearing:
99	Tender99	0.58NM	088.4°
88	Tender88	0.44NM	065.5°

Tender: 99   Tender99

43° 41.960' N 007° 20.798' E

Alarms: Out Of Range

SOG: 21.0kn   COG: 027.0°
RNG: 0.58NM   BRG: 088.4°
Age: 0:00:00   CTS: 268.4°
Depth: 0.3m   Wind: 12.9m/s 58.3°

☑ Active   ☑ Priority Tender
☐ Enable Remote Ignition

Highlight Ranges   Setup