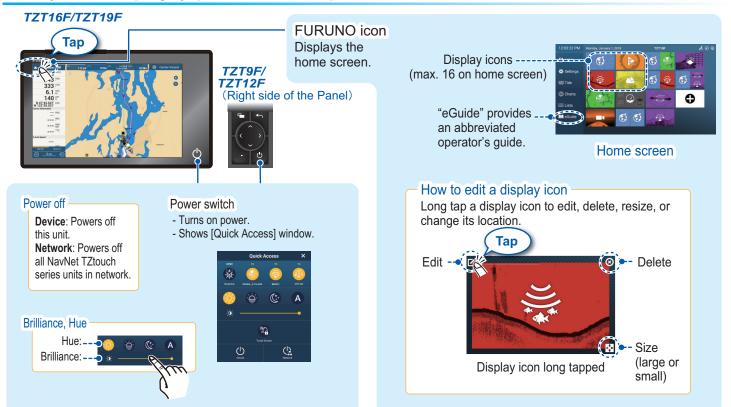


This guide provides the basic operating procedures for this equipment. For detailed information, see the Operator's Manual on the WEB site. You can get the latest version of the manual by accessing the quick response code at the bottom of this page. Connection of sensors required.

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# **Operational Overview**

#### Icon (home/displays), power switch operations



#### How to select a display

- Tap a display icon on the home screen (see illustration above).
- Tap a display icon on the Quick page.



Swipe downward from top of display.

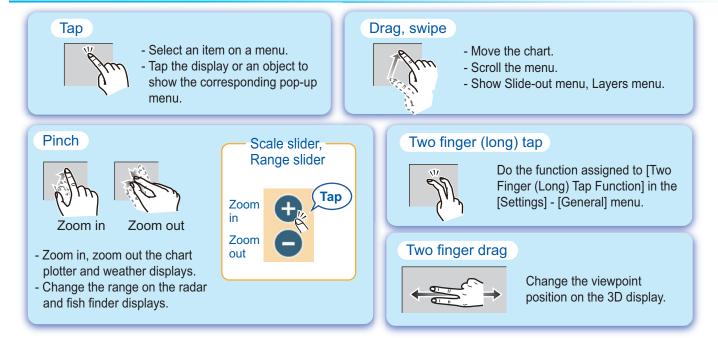




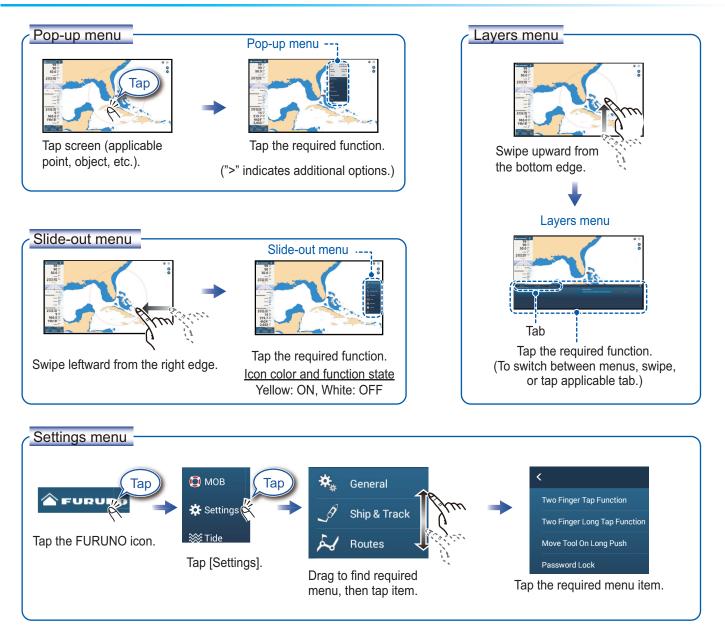


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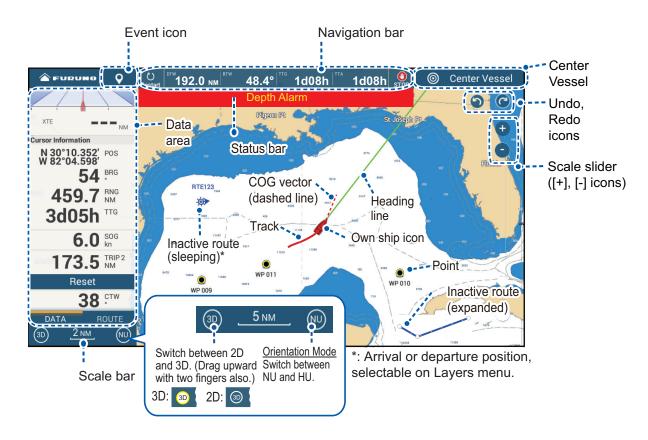
### **Touchscreen operations**



### **Menu operation**

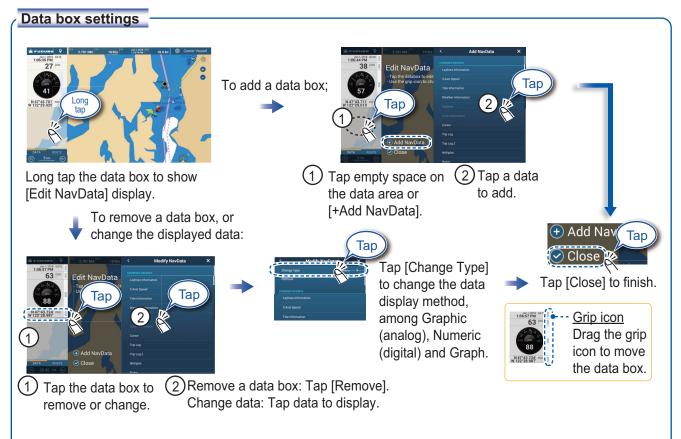


# **Chart Plotter**



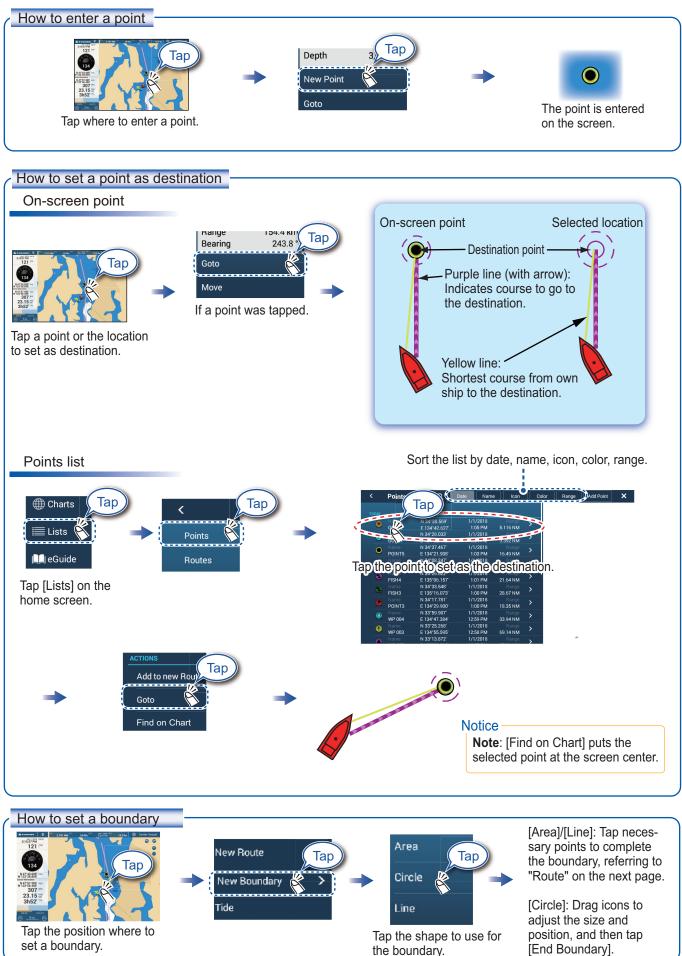
### Data Area (Data Box)

Swipe from the left edge of the screen rightward to show navigation data in the data area at the left edge of the screen. To hide the data area, swipe the data area leftward or tap the [NavData] indication (yellow) in the Slide-out menu.



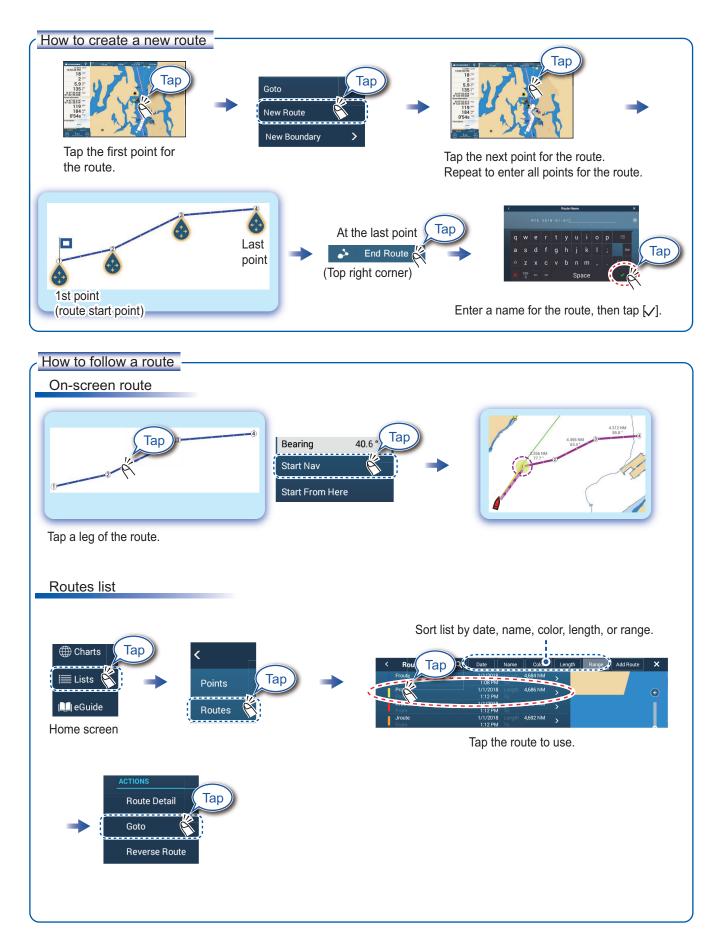
### **Points/boundaries**

Points can be entered on the chart plotter display (radar, fish finder and weather displays also) to mark important locations such as a good fishing spot. Point attributes (position, symbol type, color, etc.) are recorded to the Points list. Also, boundaries can be set at the position desired (net position, area to avoid, etc.).

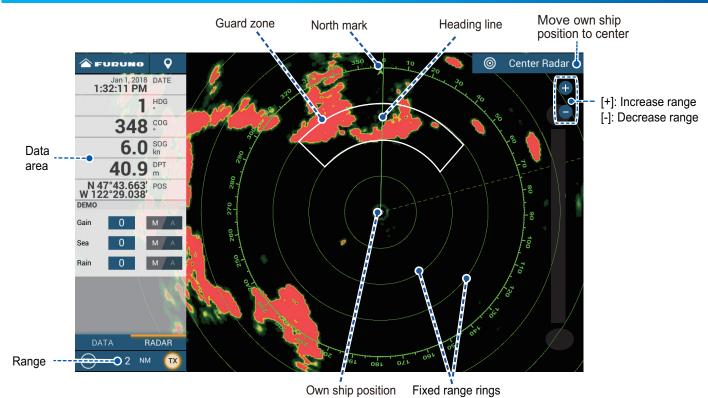


### Routes

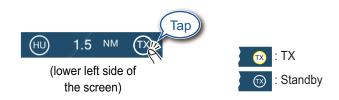
A route is comprised of a series of waypoints leading to a destination. Routes are saved to the routes list.



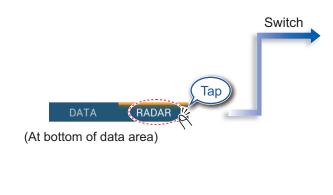
# Radar



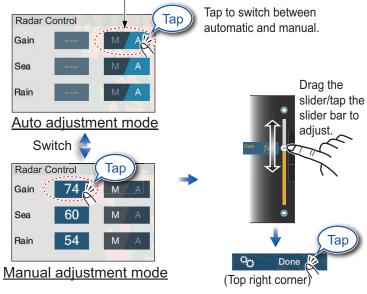
### How to switch between standby and TX



### How to adjust the gain / sea clutter / rain clutter

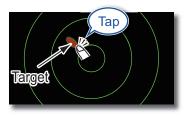


"A" means automatic adjustment "M" means manual adjustment



6

### How to measure the range, bearing from own ship to a target

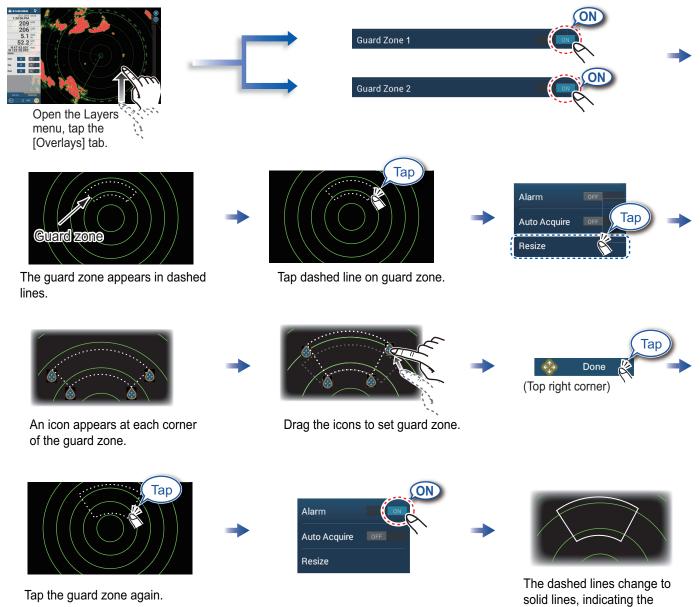


Tap a target to show its range and bearing from own ship.



### How to set a guard zone

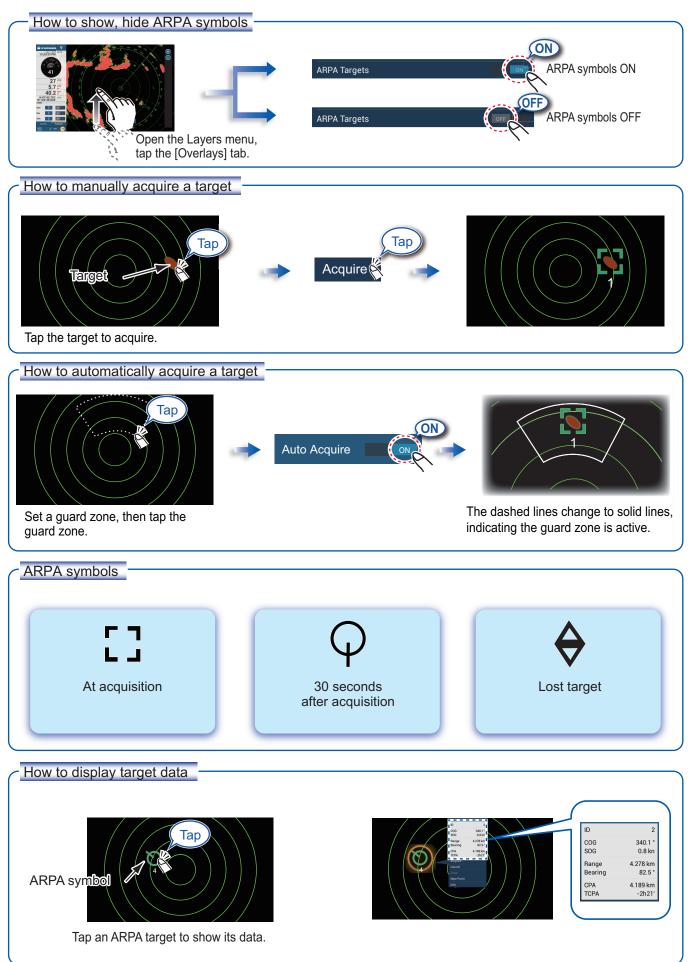
A guard zone alerts you (with aural and visual alarms) when a radar target enters the area you specify.



guard zone is active.

# **ARPA** Operation

ARPA is an anti-collision aid that tracks the movement of other ships to help prevent collision. ARPA not only tracks other ships but also provides their navigation data. Targets can be acquired manually, automatically, or both automatically and manually.

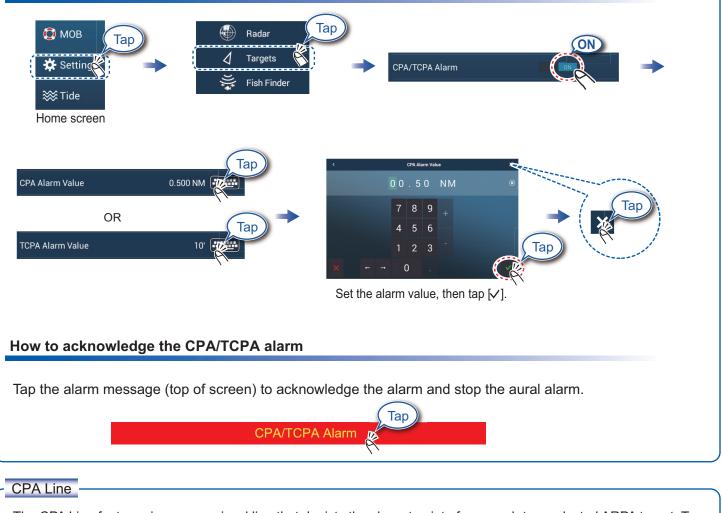


#### CPA/TCPA alarm

The CPA/TCPA alarm releases an aural alarm and a visual alarm (message in Status bar) when both the CPA and TCPA of a tracked target are equal to or lower than the CPA/TCPA alarm setting.

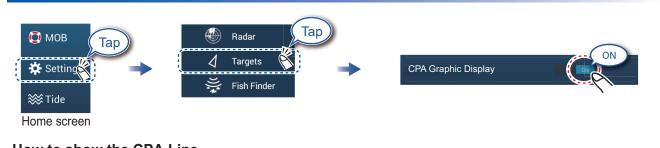
CPA: Closest point of approach TCPA: Time to closest point of approach





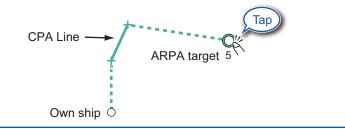
The CPA Line feature gives you a visual line that depicts the closest point of approach to a selected ARPA target. To use this feature, own ship position and heading data are required.

#### How to enable the CPA Line feature



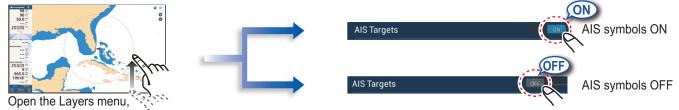
#### How to show the CPA Line

Tap an ARPA target (condition: target's CPA/TCPA must be a positive value) on the radar or chart plotter.



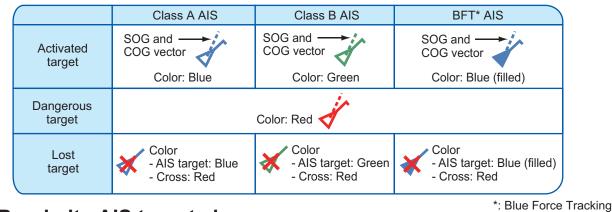
# **AIS (Automatic Identification System)**

### How to show or hide AIS target symbols



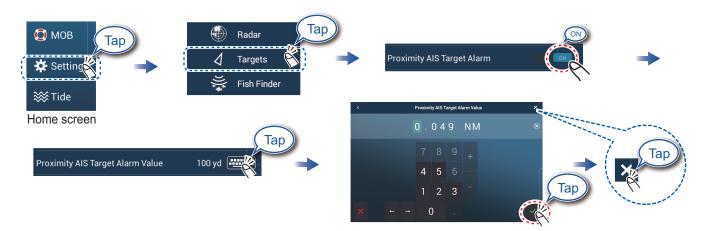
tap the [Overlays] tab.

### **AIS** target symbols



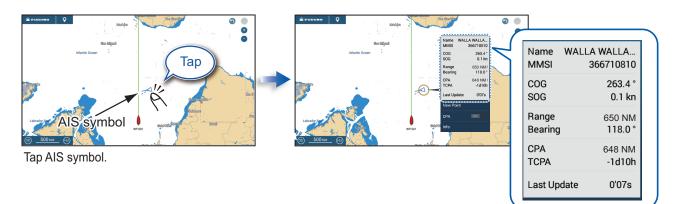
### **Proximity AIS target alarm**

The proximity AIS target alarm releases aural and visual alarms when the distance between own ship and an AIS target is near the alarm value.

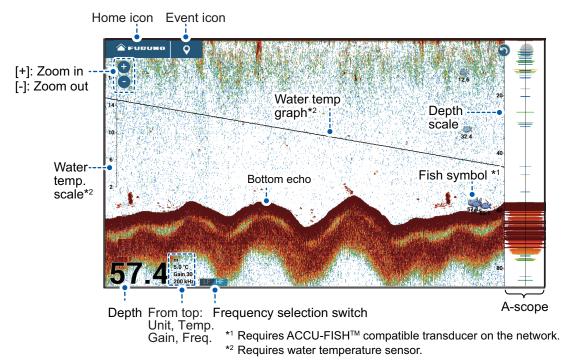


Set the alarm value, then tap  $[\checkmark]$ .

### How to show AIS target data

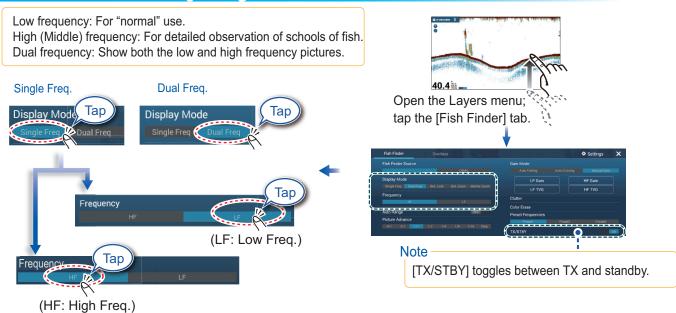


# **Fish Finder**

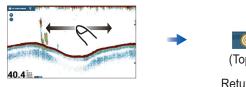


Note: Names of menu items may be different depending on the transducer connected on the network.

### How to select a frequency



### How to show past echoes (echo history)



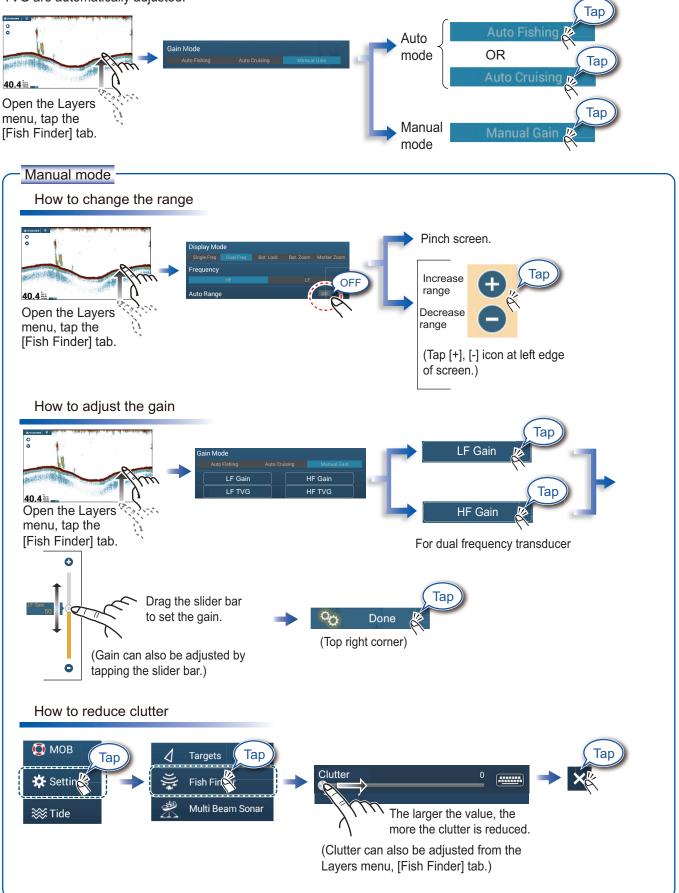
Swipe leftward or rightward to show past echoes.



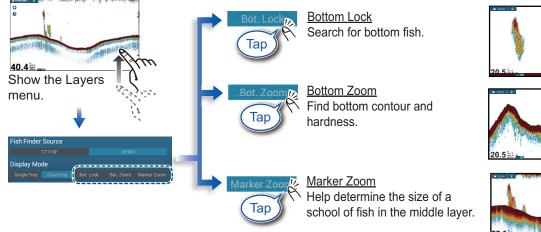
Return to normal display.

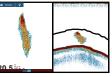
### How to select the operating mode

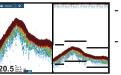
The fish finder is available in automatic and manual operation. For automatic operation, gain, clutter and TVG are automatically adjusted.



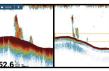
### Zoom display





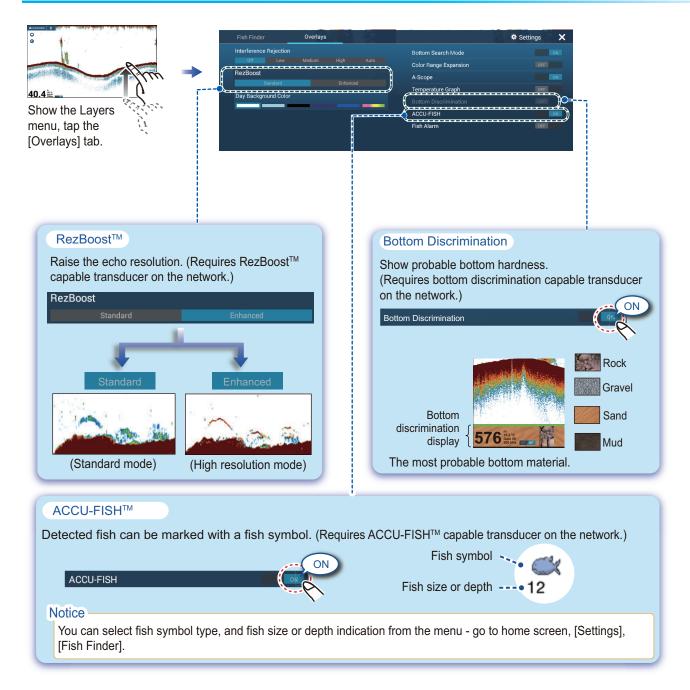


Short tail indicates soft bottom.
Long tail indicates hard bottom.



\*: Zoom zone is shown with an yellow square.

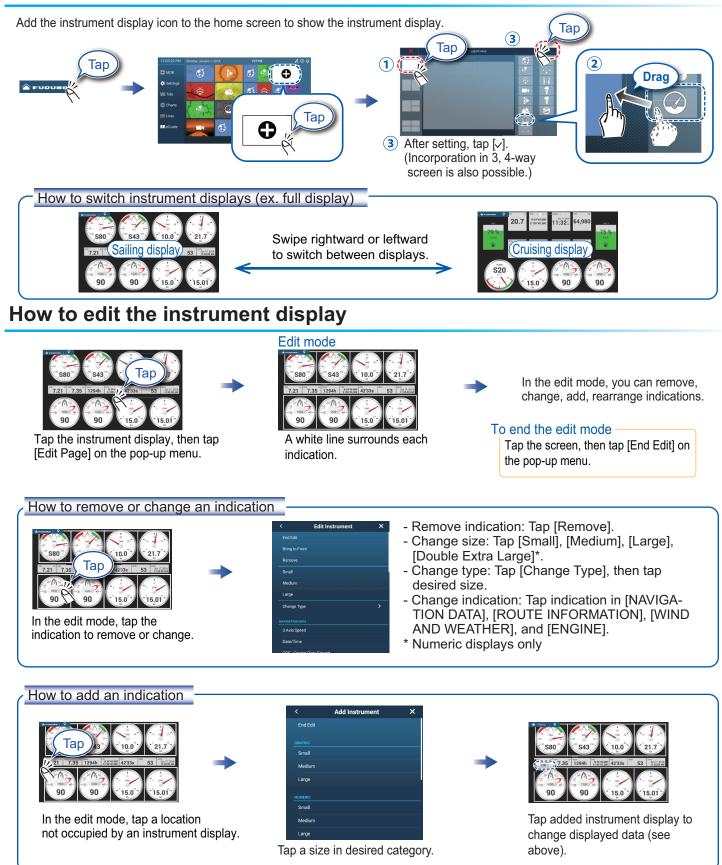
# ACCU-FISH<sup>™</sup>/Bottom Discrimination/RezBoost<sup>™</sup>



# **Instrument Display**

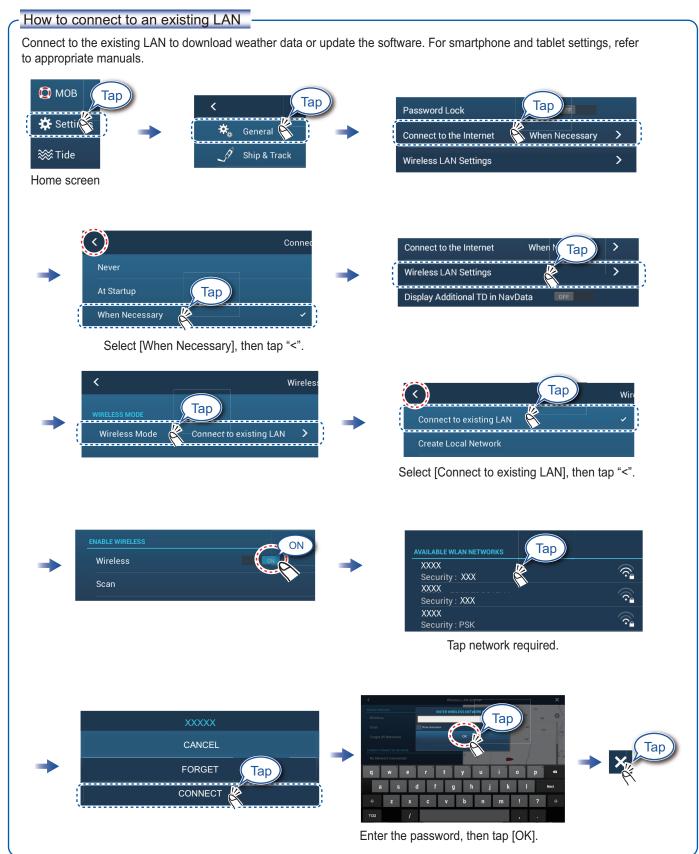
With connection of appropriate sensors, the instrument display shows various navigation data.

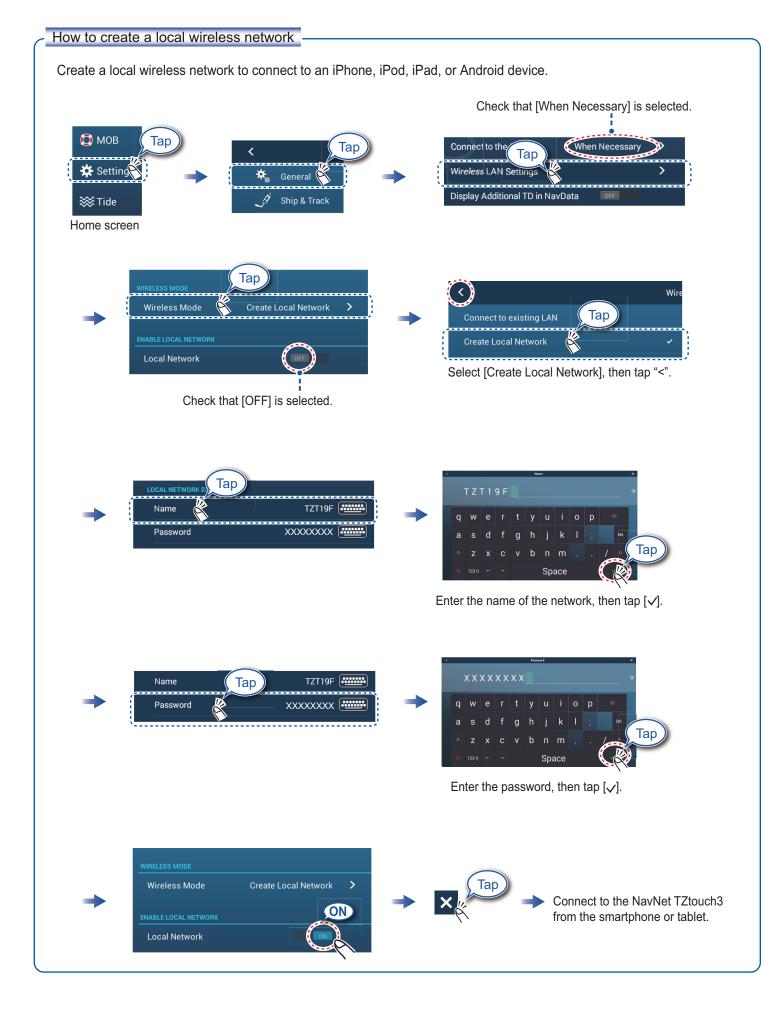
### How to enable the instrument display



# Wireless LAN Settings

You can connect to the internet with the wireless LAN signal to download weather information, update the software, and connect to an iPhone, iPod, iPad, or Android<sup>™</sup> device, to operate and monitor a NavNet TZtouch3 device.

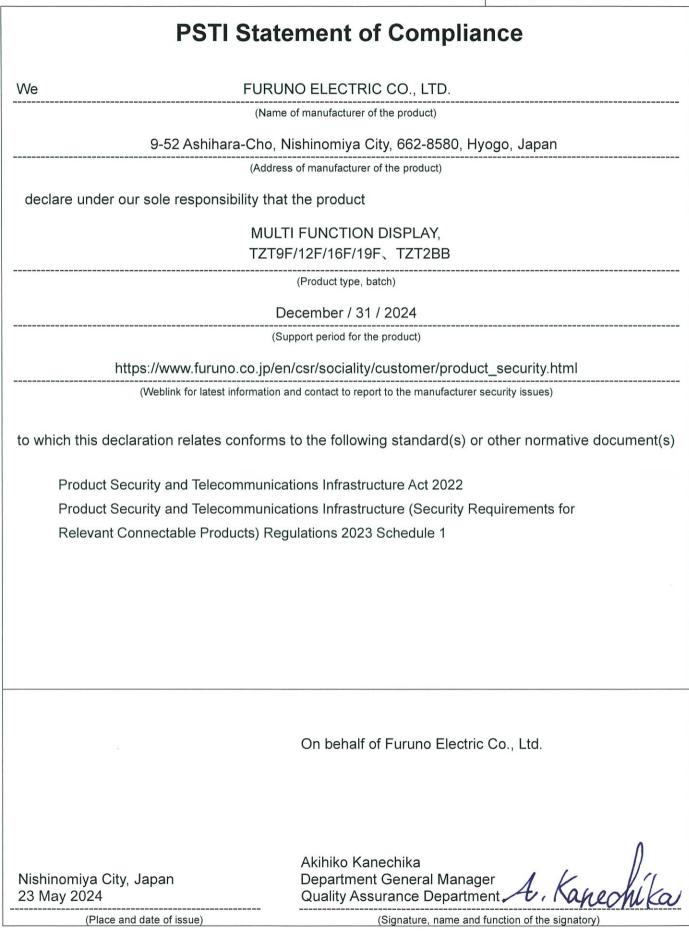






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