

***Keep Steady At Sea***

***with the safe, reliable and user-friendly next generation Radar***

**RADAR**

**FAR-22x8 series**

*for Category 2 of ship/craft, with 19" LCD*

**FAR-2218/FAR-2218-BB**

**X-band, 12 kW, TR up**

**FAR-2228/FAR-2228-BB**

**X-band, 25 kW, TR up**

**FAR-2228-NXT/FAR-2228-NXT-BB**

**X-band, 600 W, TR up, Solid State**

**FAR-2238S/FAR-2238S-BB**

**S-band, 30 kW, TR up,**

**FAR-2238S-NXT/FAR-2238S-NXT-BB**

**S-band, 250 W, TR up, Solid State**

Complies with the following regulations:

IEC 62388 Ed.2.0

IEC 61162-1 Ed.5.0

IEC 62288 Ed.2.0

IEC 60945 Ed.4.0

IEC 61162-2

IEC 61162-450



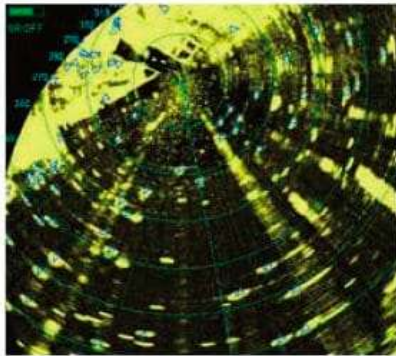
## Advanced technologies for navigation safety

The Furuno FAR-22x8 series is a brand-new Radar series characterized by its state-of-the-art antenna design and innovative signal processing technologies.

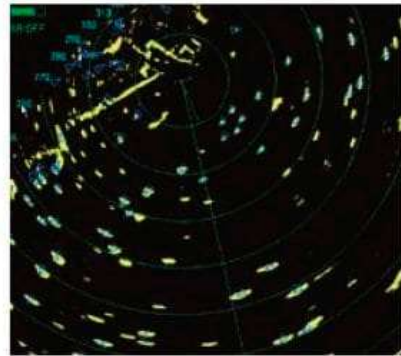
Furuno's latest, advanced technologies and intuitive design will increase situational awareness, facilitating unparalleled navigational safety.

### ► Automatic Clutter Elimination (ACE) for unprecedented echo clarity

Quickly adjusts the Radar image with a single button press. When the ACE function is activated, the system automatically optimizes clutter reduction filters and gain control according to the sea and weather conditions.



ACE OFF



ACE ON

### ► Fast Target Tracking™ function provides early-stage collision avoidance

With Fast Target Tracking™, the FAR-22x8 series provides accurate tracking information; speed and course vectors are displayed in mere seconds allowing operators to take action and avoid incidents at a very early stage.



## Solid State Radar model - NXT - specializes in target detection and maintainability

Compared to the traditional Magnetron Radar, the Solid State Radar NXT Series provides highly reliable target detection while requiring low power.

### ► Clear images

Furuno Solid State Radar technology generates clear echo images, which allows users to obtain a clear picture of the area around their vessel, including weaker echoes from small crafts.

### ► Reducing the time and cost for maintenance

- No need to replace the magnetron
- Removal of the consumable parts thanks to a fan-less antenna (S-band only)

Power Amplifier Module of the Solid State transceiver



for X-band



for S-band