



# SAFETY INSTRUCTIONS



## WARNING



**ELECTRICAL SHOCK HAZARD**  
Do not open the equipment.

Only qualified personnel should work inside the equipment.



**Turn off the radar power switch before servicing the antenna unit. Post a warning sign near the switch indicating it should not be turned on while the antenna unit is being serviced.**

Prevent the potential risk of being struck by the rotating antenna and exposure to RF radiation hazard.



**Wear a safety belt and hard hat when working on the antenna unit.**

Serious injury or death can result if someone falls from the radar antenna mast.

**Do not disassemble or modify the equipment.**

Fire, electrical shock or serious injury can result.

**Turn off the power immediately if water leaks into the equipment or the equipment is emitting smoke or fire.**

Continued use of the equipment can cause fire or electrical shock.

**Use the proper fuse.**

Fuse rating is shown on the power cable. Use of a wrong fuse can result in damage to the equipment.

**Keep heater away from equipment.**

Heat can alter equipment shape and melt the power cord, which can cause fire or electrical shock.



## WARNING

### Radio Frequency Radiation Hazard

The radar antenna emits electromagnetic radio frequency (RF) energy which can be harmful, particularly to your eyes. Never look directly into the antenna aperture from a close distance while the radar is in operation or expose yourself to the transmitting antenna at a close distance.

Distances at which RF radiation levels of 100 and 10 W/m<sup>2</sup> exist are given in the table below.

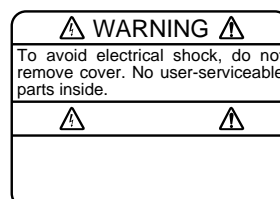
**Note:** If the antenna unit is installed at a close distance in front of the wheel house, your administration may require halt of transmission within a certain sector of antenna revolution. This is possible - Ask your FURUNO representative or dealer to provide this feature.

MODEL	Distance to 100 W/m <sup>2</sup> point	Distance to 10 W/m <sup>2</sup> point
MODEL 1823C	Nil	Worst case 0.50 m
MODEL 1833C	Nil	Worst case 0.50 m
MODEL 1933C	Worst case 0.20 m	Worst case 3.00 m
MODEL 1943C	Nil	Worst case 2.50 m
MODEL 1953C	XN-12A	Worst case 2.50 m
	XN-13A	Worst case 2.30 m



## CAUTION

**A warning label is attached to the equipment. Do not remove the label. If the label is missing or damaged, contact a FURUNO agent or dealer.**



Name: Warning Label (1)  
Type: 86-003-1011-0  
Code No.: 100-236-230