

# SAFETY INSTRUCTIONS

## 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 <sup>3</sup>	TR unit	Magnetron	Antenna <sup>1</sup>	Distance to 100 W/m <sup>2</sup> point	Distance to 10 W/m <sup>2</sup> point
FAR-2827/2127	RTR-079	MG5436	XN12AF	0.80 m	11.20 m
FAR-2827/2127	RTR-079	MG5436	XN20AF	0.40 m	6.60 m
FAR-2827/2127	RTR-079	MG5436	XN24AF	0.20 m	5.80 m
FAR-2817/2117	RTR-078	MG4010 <sup>2</sup>	XN12AF	0.30 m	4.20 m
FAR-2817/2117	RTR-078	MG4010 <sup>2</sup>	XN20AF	0.10 m	3.00 m
FAR-2817/2117	RTR-078	MG4010 <sup>2</sup>	XN24AF	--	2.40 m
FAR-2137S	RTR-080	MG5223F	SN30AF		
FAR-2137S	RTR-080	MG5223F	SN36AF		
FAR-2827W	RTR-081	MG5436	XN20AF		
FAR-2827W	RTR-081	MG5436	XN24AF		
FAR-2837S	RTR-080	MG5223F	SN30AF		
FAR-2837S	RTR-080	MG5223F	SN36AF		
FAR-2837SW	RTR-082	MG5223F	SN30AF		
FAR-2837SW	RTR-082	MG5223F	SN36AF		

<sup>1</sup> XN12AF: 4 ft    XN20AF: 6.5 ft    XN24AF: 8 ft  
 SN30AF: 10 ft    SN36AF: 12 ft

<sup>2</sup> Or MAF1425B

<sup>3</sup> FAR-2117/2127/2137S available in blackbox configuration.