

Antenna Information

Three antenna choices are planned for testing, one installed at any given time, for comparing detection performance results:

- 1) The Furuno XN-12A antenna is 4 feet long and has a gain of 25.5 dB. The horizontal and vertical beamwidths are 1.9 degrees and 20 degrees, respectively.
- 2) The Furuno XN-20A antenna is 6.5 feet long and has a gain of 29 dB. The horizontal and vertical beamwidths are 1.23 degrees and 20 degrees, respectively.
- 3) The Furuno XN-12A antenna is 8 feet inches and has a gain of 31.5 dB. The horizontal and vertical beamwidths are 0.95 degrees and 20 degrees, respectively.

The antennas rotate in azimuth but do not up-tilt or down-tilt in elevation.