radio antenna specifications
(quantity 1 antenna)

transmit/receive antenna
• One 8’ vertical element located at 12’
• Four 4’ radial elements located at 12’
• 12’ high
• Antenna mast support via guy wires

weather-proof enclosure
• Typical footprint: 36” h x 24” w x 38” d
• Requires ~1000 watts AC
• Network connection desirable

ideal installation conditions
• Close to ocean
  less than 500 feet from water’s edge
• Wide field of view (180’ up to 360’)
• Area relatively clear of obstructions
  power lines, antennas, large metal objects
• AC power available

signal specifications
• Output Transmit Power: 80W peak, 40W average
• Operating Frequency: 24-27 MHz
• Modulation Format
  Pulsed Swept Frequency: CW
• Pulse Repetition Frequency: 4-8 kHz
• Duty Factor: 50%
• Sweep Width: 150-500 kHz (typical)
• Total Signal Bandwidth: 160-510 kHz
  (at -20dB level)
• Polarization: Vertical
• Coverage Angle: 360°