

Acoustic and Optical keep-outs described as an angle originating from a baseline at or near the bottom of each instrument

LIDAR:

- 50 degrees each
- 94 degrees total on 10.5" baseline located at bottom of LIDAR mount frame.

Reson:

- Receiver array: 120 degrees on 20" baseline at transducer face

Kearfott:

- Each beam 30 degrees on 2.5" baseline
- Each beam is oriented 30 degrees from vertical, centered on a 5.75" baseline
- Net Port-Starboard beam width = 90 degrees on 8" baseline at base of instrument (approx.)

Cameras:

- Relatively Narrow