

Instrument	Type	Frequency (kHz)	Source level, dB re 1 μ Pa re 1m – (rms)	Pulse rate (Hz)	Pulse width	Beam width
	Ondine Jule	Ondine Jule	Ondine Jule	Ondine Jule	Ondine Jule	Ondine Jule
Multibeam Echo Sounder	R2 Sonic 2024	170 -450 kHz	191-221 dB	Max 60 Hz	0.15 μ s - 1.0 ms	10-160°
Singlebeam Echo Sounder	Standard SHIP, Not Survey rated					
Side Scan Sonar	Edgetech 4205 MP/MT	230/540 kHz	210 dB	0.01-0.1 Hz	100-400 μ s	Vert 50° (\pm 25)
Parametric Sub Bottom Profiler (Single Channel Seismic)	Innomar Compact	2-22 & 85-115 kHz	>238 dB	Max 40 Hz	0.07-1.0 ms	\pm 2°
USBL	IXBlue Gaps M5	20-30 kHz	191 - 206 dB	Typically Max 1hz	10ms Typical	270°

Instrument	Type		Frequency (kHz)		Source level, dB re 1 μ Pa re 1m – (rms)	
	MainPort Geo	Ondine Jule	MainPort Geo	Ondine Jule	MainPort Geo	Ondine Jule
Multibeam Echo Sounder	R2 Sonic 2024	R2 Sonic 2024	170–450 kHz	170 -450 kHz	191–221 dB	191-221 dB
Singlebeam Echo Sounder		Standard SHIP, Not Survey rated				
Side Scan Sonar	Edgtech 4200	Edgetech 4205 MP/MT	300/600 kHz	230/540 kHz	213/214 dB	210 dB
Parametric Sub Bottom Profiler (Single Channel Seismic)	Innomar SES2000	Innomar Compact	85–115 kHz	2-22 & 85-115 kHz	248 dB	>238 dB
USBL	Kongsberg μ PAP 201-3	IXBlue Gaps M5	20–30 kHz	20-30 kHz	190 dB	191 - 206 dB