

Bathymetric Sounding Density Matrix

Altitude (m)	Swath (m)	Lateral Spot Spacing(m)	Forward Spot Spacing (m)	Flight Speed (knots)	Scanner Cycle Rate (Hz)	Area Coverage (nm ² /hr)
400	60	2	2	124	16.0	4.0
300	60	2	2	124	15.9	4.0
400	130	3	3	127	10.9	8.9
300	125	3	3	128	11.0	8.7
400	215	4	4	126	8.1	14.7
300	165	4	4	162	10.5	14.5
400	230	5	5	180	9.2	22.4