

Scripps Institution of Oceanography
Seismic System Geometry

Ship: R/V Roger Revelle

Cruise: AMAT03RR

Chief Scientist: M. Lyle

Meters Feet

Length of tow leader	80	262.464
Length of tow stretch	50	164.04
Antenna to stern	40	131.232
Antenna Height	25	82.02
Center of near trace	195	639.756
Center of far trace	345	1131.876
Gun Setback from Antenna	64	209.9712
Near inline offset	131	429.7848
Active cable	200	656.16
Far inline offset	281	921.9048

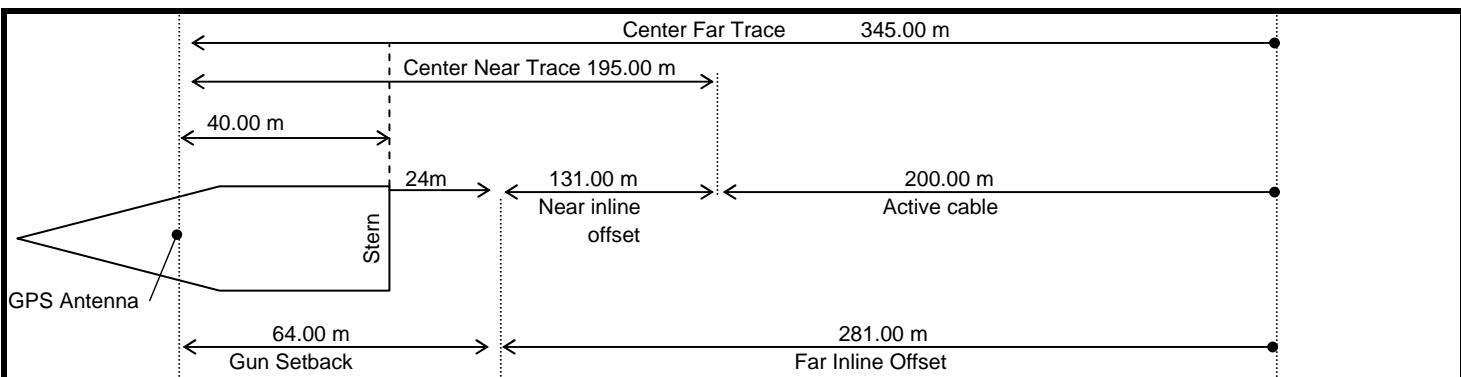
Number of traces 4

Setback of Single Trace 1

195.00 meters

639.76 feet

Bird Locations	
Bird 1	N/A
Bird 2	N/A
Bird 3	N/A
Bird 4	N/A



SOURCE TYPE	Source	Pre Amp Gain	No. of Guns	Source Depth	Notes
G.I. Guns	G/I 45/105	16 dB	2	4m	
PRIMARY	Sample Interval	Record Length	No. of Channels	Cable Depth	
	.500 ms	varies	4	3-5 meters	
FILTERS	Low Cut	High Cut	60 Hz Notch	Monitor Filter	
	out	out	out	60Hz Notch	
DIGITAL RECORDER	Model	SEG Format	Tape Density	Auxiliary Channel Number	
	GeoEel	D 8058 Rev 1	N/A	TB : Aux 1	
CABLE LAYOUT	Far Trace No.	Far Offset	Near Trace No.	Near Offset	
	4	345.00 m	1	195.00 m	
FOLD = $\frac{\text{No. Traces} * \text{Grp. Int}}{2 * \text{Shot Interval}}$					
Grouping Int.		Shooting Int.	Navigation Fix Interval		
50.0 meters			N/A		