

Scripps Institution of Oceanography Seismic System Geometry

Ship: R/V Roger Revelle

Cruise: AMAT03RR

Chief Scientist: M. Lyle

	Meters	Feet
Length of tow leader	75	246.06
Length of tow stretch	25	82.02
Antenna to stern	40	131.232
Antenna Height	25	82.02
Center of near trace	146.25	479.817
Center of far trace	733.75	2407.287
Gun Setback from Antenna	64	209.9712
Near inline offset	82.25	269.8458
Active cable	600	1968.48
Far inline offset	669.75	2197.3158

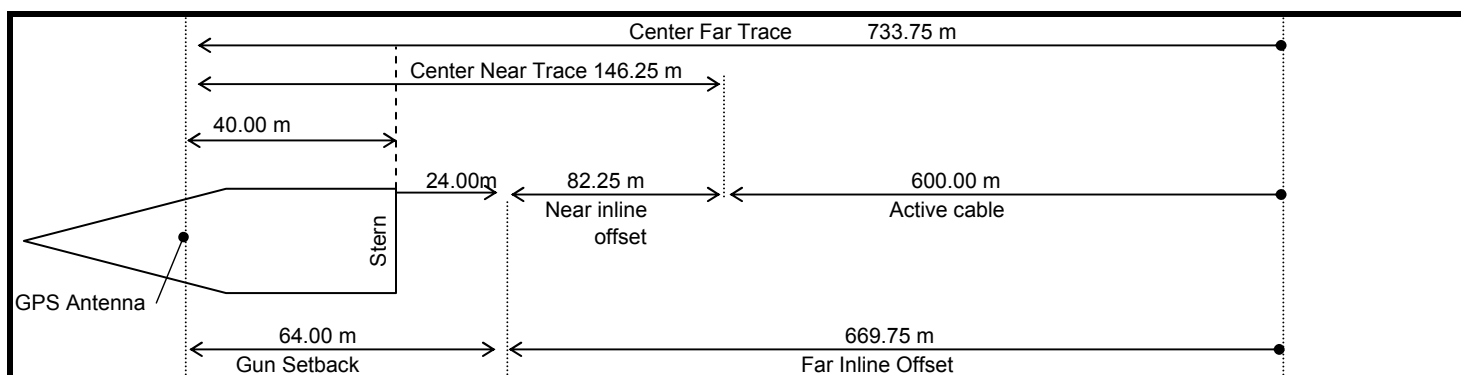
Number of traces 48

Setback of Single Trace 1

146.25 meters

479.82 feet

Bird Locations	
Bird 1	Start of Head Stretch
Bird 2	Start of Ch 17 (Active 3)
Bird 3	Start of Ch 33 (Active 5)
Bird 4	Start of Tail Stretch



SOURCE TYPE	Source	Pre Amp Gain	No. of Guns	Source Depth	Notes
G.I. Guns	G/I 45/105	24 dB	2	4m	
PRIMARY	Sample Interval	Record Length	No. of Channels	Cable Depth	
	.500 ms	varies	48	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	
	48	733.75 m	1	146.25 m	
FOLD =					
$\frac{\text{No. Traces} * \text{Grp. Int}}{\text{Shot Interval}}$					
	Grouping Int.	Shooting Int.	Navigation Fix Interval		
	12.5 meters		N/A		