

Geometry

**Scripps Institution of Oceanography  
Seismic System Geometry**

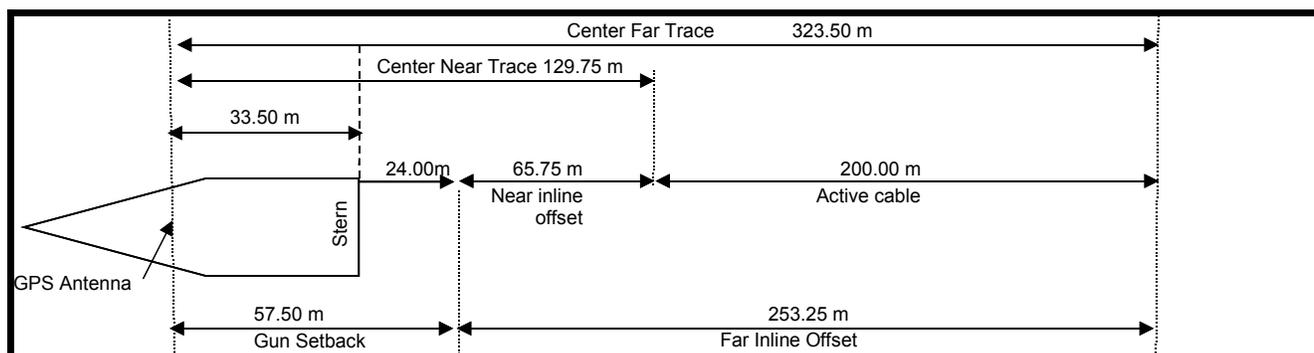
Ship: R/V Wecoma

Cruise: W0709A

Chief Scientist: TREHU

	<b>Meters</b>	<b>Feet</b>	<b>Number of traces 16</b>
Length of tow leader	65	213.25	
Length of tow stretch	25	82.02	
Antenna to stern	33.5	109.91	<b>Setback of Single Trace 1</b>
Antenna Height	25	82.02	129.75 meters
Center of near trace	129.75	425.68	425.68 feet
Center of far trace	323.5	1061.34	
Gun Setback from Antenna	57.5	188.65	
Near inline offset	65.75	215.71	
Active cable	200	656.16	
Far inline offset	253.25	830.86	

Bird Locations	
Bird 1	Start of Head Stretch
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	18 dB	1	4m	
PRIMARY	Sample Interval	Record Length	No. of Channels	Cable Depth	
	1.000 ms	varies	16	3 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	
	16	323.50 m	1	129.75 m	
FOLD = No. Traces * Grp. Int 2*(Shot Interval)	Grouping Int.	Shooting Int.	Navigation Fix Interval		
	12.5 meters	10 sec	N/A		