

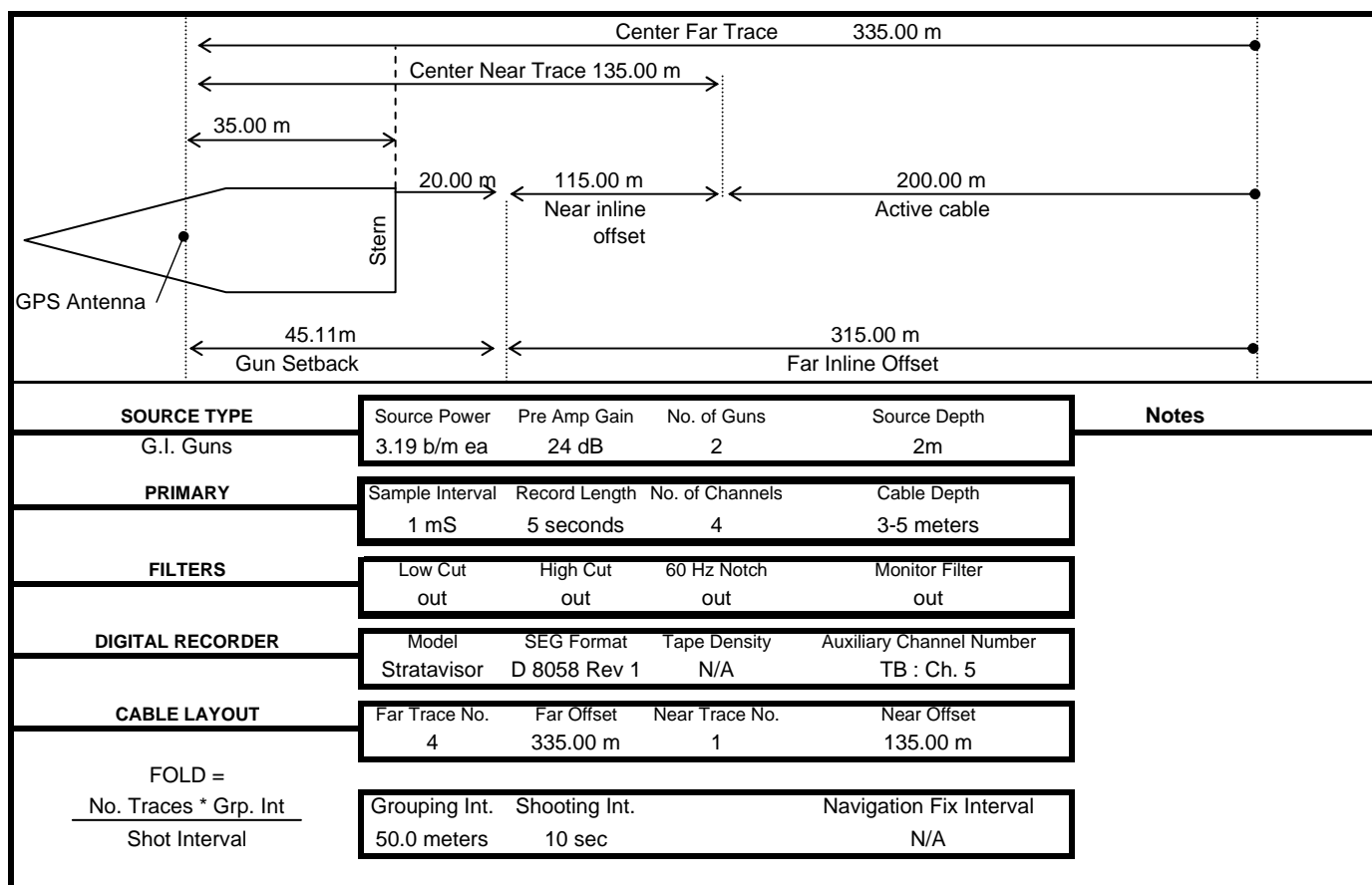
Scripps Institution of Oceanography Seismic System Geometry

Ship: R/V Melville

Cruise: TUIM03MV

Chief Scientist: Lyle

	Meters	Feet	Number of traces 4
Length of tow leader	50	164.04	
Length of tow stretch	25	82.02	
Antenna to stern	35	114.828	Setback of Single Trace 1
Antenna Height	20	65.616	147.50 meters
Center of near trace	135	442.908	483.92 feet
Center of far trace	335	1099.068	
Gun Setback	20	65.616	
Near inline offset	115	377.292	
Active cable	200	656.16	
Far inline offset	315	1033.452	



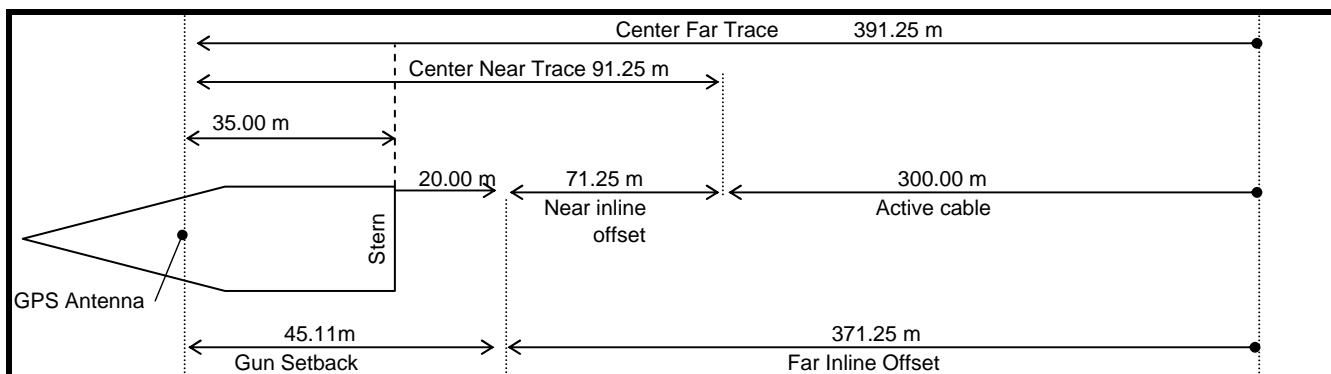
Scripps Institution of Oceanography Seismic System Geometry

Ship: R/V Melville

Cruise: TUIM03MV

Chief Scientist: Lyle

	Meters	Feet	Number of traces 24
Length of tow leader	50	164.04	
Length of tow stretch	0	0	
Antenna to stern	35	114.828	Setback of Single Trace 21
Antenna Height	20	65.616	103.75 meters
Center of near trace	91.25	299.373	340.38 feet
Center of far trace	391.25	1283.613	
Gun Setback	20	65.616	
Near inline offset	71.25	233.757	
Active cable	300	984.24	
Far inline offset	371.25	1217.997	



SOURCE TYPE	Source Power	Pre Amp Gain	No. of Guns	Source Depth	Notes
G.I. Guns	3.19 b/m ea	24 dB	1	4m	
PRIMARY	Sample Interval	Record Length	No. of Channels	Cable Depth	
	1 mS	8 seconds	4	3-5 meters	
FILTERS	Low Cut	High Cut	60 Hz Notch	Monitor Filter	
	out	out	out	out	
DIGITAL RECORDER	Model	SEG Format	Tape Density	Auxiliary Channel Number	
	Stratavisor	D 8058 Rev 1	N/A	N/A	
CABLE LAYOUT	Far Trace No.	Far Offset	Near Trace No.	Near Offset	
	4	391.25 m	1	91.25 m	
FOLD = No. Traces * Grp. Int Shot Interval	Grouping Int.	Shooting Int.	Navigation Fix Interval		
	1.0 meters	10 sec	N/A		

[illegible]

Tape Log

[illegible]

SEG-D ASCII Header Data format for TUIM03MV

05-02-19,06:35:36,063534.35,-050 16 4.5420,-163 33 59.5920,1.0,124.5,010.6,5086,055760.540									
5/2/2019	06:35:36	06:35:34.35	-050 16 4.5420	-163 33 59.5920	1.0	124.5	10.6	5086	55760.54
Date of data string	Time of data string	Time GPS fix valid	Latitude (Deg Min Sec)	Longitude (Deg Min Sec)	HDOP	COG (T)	SOG (kts)	Water Depth (m)	Magnetic Field (nT)