

SIO Portable Marine Seismic System

Geometry 1

Cruise: **MV1206**

Vessel: **R/V Melville**

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Techs:

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Item or Channel	Distance (m) from Stern	Distance (m) from Source	Distance (m) From GPS	Distance (m) off center line	Depth/Height from water
1	111.25	86.25	140.51	3.281 (STBD)	3-4
48	698.75	673.75	728.01	3.281 (STBD)	3-4
Source	25	0	54.26	-3.719 (PORT)	3
GPS	29.26	54.26	0	3.281 (STBD)	0.000

Section	Length (m)	Number of Channels
Towing Cables	105	
Active Sections	600	48
Tail Stretch and Rope	50	
Group Int	12.5	

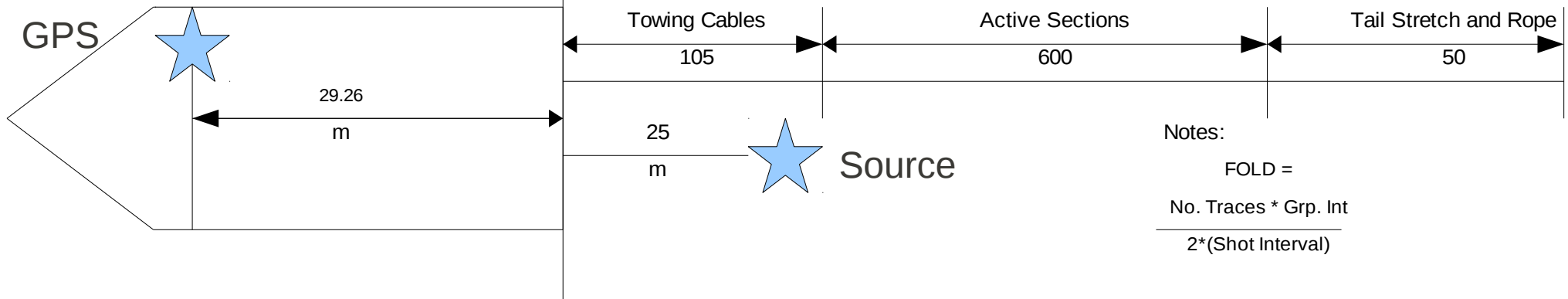
Source:	GI gun	45/105 True GI	Qty:	2
Acq. Sys.	GeoEel	PreAmp Gain:	18 db	
Sample Int:	1 ms	# of Channels:	48	
File Format:	SEGD	D 8058 Rev 1		
Rec. Length:	9 sec	Shot Interval:	25m	

Auxiliary Channels

AUX 1	Gun Timebreak
AUX 2	Gun 1 Near Field
AUX 3	Gun 2 Near Field
AUX 4	Unused

Bird Locations

Bird 1	Start of Tow Stretch	[-104x,3.281y,VARz]
Bird 2	Start of Ch. 1	[-129x,3.281y,VARz]
Bird 3	Start of Ch. 25	[-429x,3.281y,VARz]
Bird 4	Start of Tail Stretch	[-729x,3.281y,VARz]



Notes:

FOLD =

$$\frac{\text{No. Traces} * \text{Grp. Int}}{2 * (\text{Shot Interval})}$$

* Not drawn to Scale