

SIO Portable Marine Seismic System

Geometry 1
Tue, November 15, 2011
Lines 1 & 3-10

Cruise: TN272
Vessel: R/V Thompson
Date: Nov 2011
Chief Sci: Tominaga

Techs:
 Lee Ellett
 Jay Turnbull
 Bridget Hass

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	101.25	76.25	126.25	2	4
48	688.75	663.75	713.75	2	4
Source	25	0	50	2	4
GPS	25	50	0	2	29

Section	Length (m)	Number of Channels
Towing Cables	95	
Active Sections	600	48
Tail Stretch and Rope	125	
Group Int	12.5	

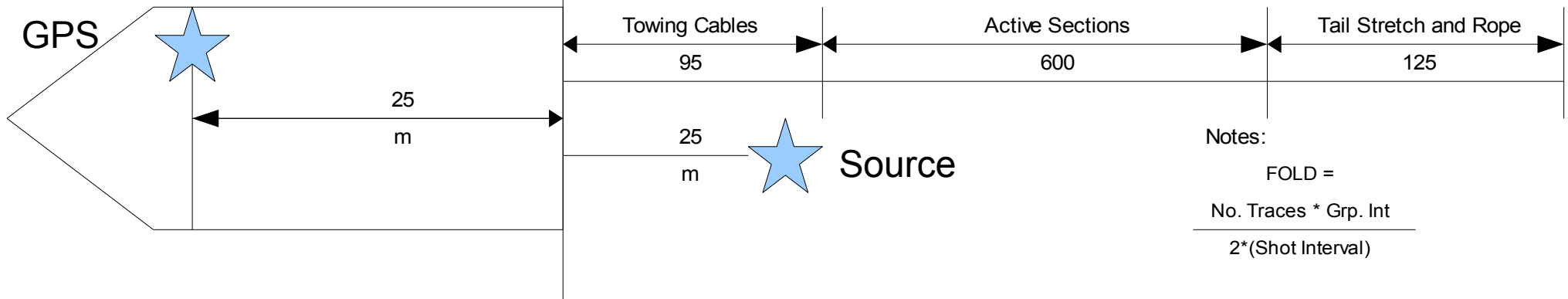
Source:	GI gun	105/105 Harmonic	Qty:	2
Acq. Sys.	GeoEel	PreAmp Gain:	18 db	
Sample Int:	1 ms	# of Channels:	48	
File Format:	SEGD	D 8058 Rev 1		
Rec. Length:	11.5 sec	Shot Interval:	25m	

Auxiliary Channels

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

Bird Locations

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



* Not drawn to Scale

SIO Portable Marine Seismic System

Geometry 2
Wed, November 16, 2011
Line 2

Cruise: TN272
Vessel: R/V Thompson
Date: Nov 2011
Chief Sci: Tominaga

Techs:
 Lee Ellett
 Jay Turnbull
 Bridget Hass

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	101.25	76.25	121.25	2	4
48	688.75	663.75	708.75	2	4
Source	25	0	45	2	4
GPS	20	45	0	2	29

Section	Length (m)	Number of Channels
Towing Cables	95	
Active Sections	600	48
Tail Stretch and Rope	125	
Group Int	12.5	

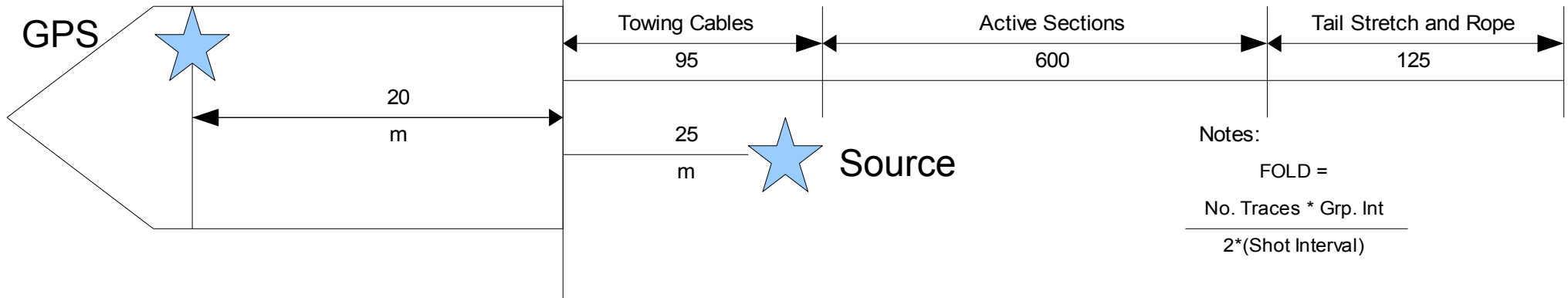
Source:	Gl gun	105/105 Harmonic	Qty:	2
Acq. Sys.	GeoEel	PreAmp Gain:	18 db	
Sample Int:	1 ms	# of Channels:	48	
File Format:	SEGD	D 8058 Rev 1		
Rec. Length:	11.5 sec	Shot Interval:	25m	

Auxiliary Channels

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

Bird Locations

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



* Not drawn to Scale