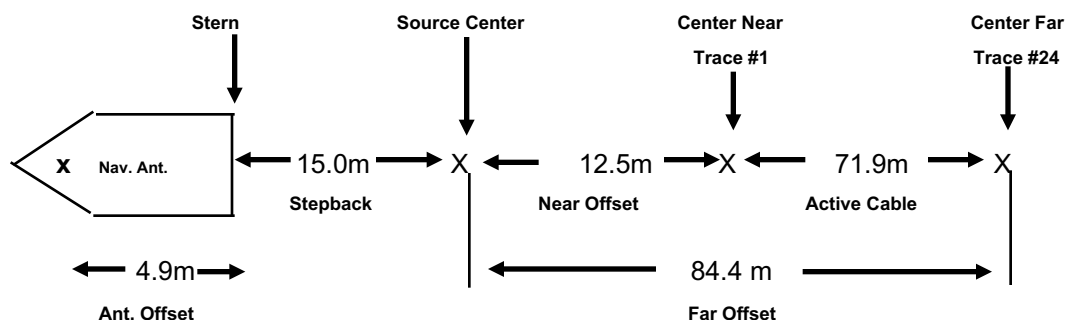


FIELD LOG / OBSERVERS REPORT

Page 1

Vessel: R/V Stephens

Client	Scripps	Date	17 Apr 10
Area and / or Block	Salton Sea		
Line number	see below		
Operator / Observer	Barth		
Line Direction	see below		



Instrumentation

Source type Sparker	Source power 2000 j	Pre amp gain 18 db	Number of	Guns	Tips 3	Sleeves	Source depth 3.0 m	Other
	Sample Int.		Record Length		No. of channels		Cable depth: 2.5 – 3.5 m.	
Primary	0.500 ms.		1200 msec.		24		Signature Hydrophone depth	
Secondary	ms.		Sec.					
Filter		Filter		60 HZ Notch		Other		Note: No aux channels recorded
Low Out	Slope	High Out	Slope	Out				
Recording Instruments	Type Geo-Eel		Format SEG Y(IBM)		Tape Drives Hard Disk/ USB Disk		Far TR No. 24	Far offset 84.4 m.
Navigation System	Primary Hypack(DGPS)			Secondary			Near TR No. 1	Near offset 12.5 m.
Boat speed ~4.4 Knots		Navigation fix interval na					Group Interval. 3.125m	Shooting Interval 3.125 m

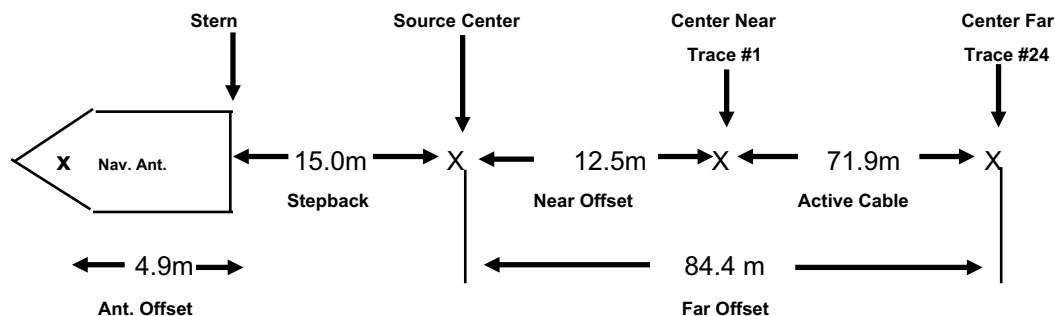
File Name	** S.P. (fix) Number	File Number	Speed Rep Rate	Cable depth Meters	Remarks
					Underway from marina 1000 HRS
					Gear deployed 1115 HRS
1.sgy	n/a	1	1.4 sec	2.5, 3.3	SOL 1 1153 HRS HDG 120
1.sgy		4710	1.4 sec	2.3, 3.5	ABORT 1 1343 HRS Recording problem
					Lost serial string to Acquisition Computer
					Reconfigure Serial I/O
1.sgy	n/a	1	1.4 sec	2.4, 3.3	SOL 1A 1349 HRS HDG 120
1.sgy		3224	1.4 sec	2.3, 3.4	EOL 1A 1505 HRS
					Retrieve Gear 1510 HRS
					Underway to marina 1530 HRS
					Arrive at marina 1615 HRS

FIELD LOG / OBSERVERS REPORT

Page 1

Vessel: R/V Stephens

Client	Scripps	Date	18 Apr 10
Area and / or Block	Salton Sea		
Line number	see below		
Operator / Observer	Barth		
Line Direction	see below		



Instrumentation

Source type	Source power	Pre amp gain	Number	Guns	Tips	Sleeves	Source depth	Other
Sparker	2000 j	18 db	of		3		3.0 m	
	Sample Int.		Record Length		No. of channels		Cable depth: 2.5 – 3.5 m.	
Primary	0.500 ms.		1200 msec.		24		Signature Hydrophone depth	
Secondary	ms.		Sec.					
Filter		Filter		60 HZ Notch		Other		Note: No aux channels recorded
Low	Slope	High	Slope	Out				
Out	Out		Out				Cable layout	
Recording Instruments	Type		Format		Tape Drives		Far TR No.	Far offset
	Geo-Eel		SEG Y(IBM)		Hard Disk/ USB Disk		24	84.4 m.
Navigation System	Primary			Secondary			Near TR No.	Near offset
	Hypack(DGPS)						1	12.5 m.
Boat speed		Navigation fix interval					Group Interval.	Shooting Interval
~4.4 Knots		na					3.125m	3.125 m

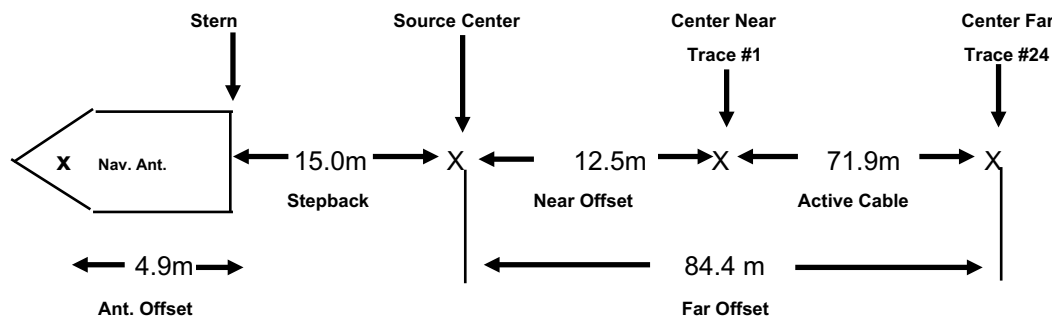
File Name	** S.P. (fix) Number	File Number	Speed Rep Rate	Cable depth Meters	Remarks
					Underway from marina 0900 HRS
					Gear deployed 1000 HRS
					Re-rig sparker for towing from center of vessel to reduce vessel crabbing.
					Problems with detecting serial string to streamer acquisition computer; changed computers, checked grounds.
2.sgy	n/a	1	1.5 sec	2.5, 3.3	SOL 2 1143 HRS HDG 120
2.sgy		3957	1.5 sec	2.3, 3.5	ABORT 2 1357 HRS Recording problem
					Lost serial string to Acquisition Computer
					Reconfigure Serial I/O
35.sgy	n/a	35	1.5 sec	2.4, 3.3	SOL 2A 1408 HRS HDG 120
35.sgy		4590	1.5 sec	2.3, 3.4	EOL 2A 1602 HRS
					Retrieve Gear 1610 HRS
					Underway to marina 1630 HRS
					Arrive at marina 1730 HRS

FIELD LOG / OBSERVERS REPORT

Page 1

Vessel: R/V Stephens

Client	Scripps	Date	19 Apr 10
Area and / or Block	Salton Sea		
Line number	see below		
Operator / Observer	Barth		
Line Direction	see below		



Instrumentation

Source type	Source power	Pre amp gain	Number	Guns	Tips	Sleeves	Source depth	Other
Sparker	1800 j	18 db	of		3		3.0 m	
	Sample Int.		Record Length		No. of channels		Cable depth: 2.5 – 3.5 m.	
Primary	0.500 ms.		1200 msec.		24		Signature Hydrophone depth	
Secondary	ms.		Sec.					
Filter		Filter		60 HZ Notch		Other		Note: No aux channels recorded
Low	Slope	High	Slope	Out				
Out		Out		Out				Cable layout
Recording Instruments	Type		Format		Tape Drives		Far TR No.	Far offset
	Geo-Eel		SEG Y(IBM)		Hard Disk/ USB Disk		24	84.4 m.
Navigation System	Primary			Secondary			Near TR No.	Near offset
	Hypack(DGPS)						1	12.5 m.
Boat speed		Navigation fix interval					Group Interval.	Shooting Interval
~4.4 Knots		na					3.125m	3.125 m

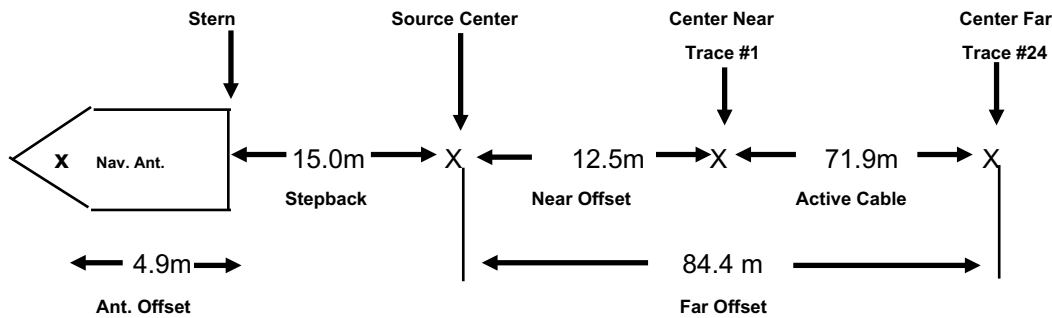
File Name	** S.P. (fix) Number	File Number	Speed Rep Rate	Cable depth Meters	Remarks
					Underway from marina 0830 HRS
					Gear deployed 0945 HRS
2.sgy	n/a	2	1.4 sec	3.0, 3.5	SOL 2B 0956 HRS HDG 120
2.sgy		3834	1.4 sec	3.0, 3.5	ABORT 2B 1126 HRS Recording problem
					Lost serial string to Acquisition Computer
3.sgy	n/a	1	1.4 sec	3.0, 3.5	SOL 2C 1132 HRS HDG 120
3.sgy		522	1.4 sec	3.0, 3.5	Gassy; C/S to 5.5 kt 1145 HRS
3.sgy		1313	1.4 sec	3.0, 3.5	Data OK; C/S to 4.5 kt 1204 HRS
3.sgy		1800	1.4 sec	3.0, 3.5	Gassy; C/S to 5.5 kt 1215 HRS
3.sgy		2614	1.4 sec	3.0, 3.5	EOL 2C 1234 HRS
3.sgy	n/a	3	1.4 sec	3.0, 3.5	SOL 3 1242 HRS HDG 300
3.sgy		3	1.4 sec	3.0, 3.5	Gassy area, speed at 5.5 kt
3.sgy		590-608	1.4 sec	3.0, 3.5	Nav not logging ~ 30 se 1255 HRS
3.sgy		1845-1851	1.4 sec	3.0, 3.5	No serial string; sparker 1324 HRS
3.sgy		2620	1.4 sec	3.0, 3.5	Slow to 4.5 kt 1343 HRS
3.sgy		2620	1.4 sec	3.0, 3.5	Out of Gassy area; 33 13.6098, 115 47.6879
3.sgy		6664	1.4 sec	3.0, 3.5	End 3.sgy file 1518 HRS
6665.sgy		6665	1.4 sec	3.0, 3.5	Start 6665.sgy 1518 HRS
6665.sgy		13236	1.4 sec	3.0, 3.5	EOL 1751 HRS
					Retrieve Gear 1800 HRS
					Underway to marina 1805 HRS
					Arrive at marina 1830 HRS

FIELD LOG / OBSERVERS REPORT

Page 1

Vessel: R/V Stephens

Client	Scripps	Date	24 Apr 10
Area and / or Block	Salton Sea		
Line number	see below		
Operator / Observer	Barth		
Line Direction	see below		



Instrumentation

Source type Sparker	Source power 1800 j	Pre amp gain 18 db	Number of	Guns	Tips 3	Sleeves	Source depth 3.0 m	Other
	Sample Int.		Record Length		No. of channels		Cable depth: 2.5 – 3.5 m.	
Primary	0.500 ms.		1200 msec.		24		Signature Hydrophone depth	
Secondary	ms.		Sec.					
Filter		Filter		60 HZ Notch		Other		Note: No aux channels recorded
Low	Slope	High	Slope	Out				
Out		Out		Out		Cable layout		
Recording Instruments	Type	Format		Tape Drives		Far TR No.	Far offset	
	Geo-Eel	SEG Y(IBM)		Hard Disk/ USB Disk		24	84.4 m.	
Navigation System	Primary			Secondary			Near TR No.	Near offset
	Hypack(DGPS)						1	12.5 m.
Boat speed ~4.4 Knots		Navigation fix interval na				Group Interval. 3.125m	Shooting Interval 3.125 m	

File Name	** S.P. (fix) Number	File Number	Speed Rep Rate	Cable depth Meters	Remarks
					Underway from marina ~0800 HRS
					Note: Computer clock for Geometrics logs is set to UTC time (+7 hrs from local times below)
104.sgy	n/a	104	1.4 sec	3.0, 3.5	SOL 4A 0942 HRS HDG 120
104.sgy		626	1.4 sec	3.0, 3.5	On plotted line 0958 HRS
104.sgy		3884	1.4 sec	3.0, 3.5	Gassy, increase speed to 5.5 kt
104.sgy		5308	1.4 sec	3.0, 3.5	EOL 4A 1144 HRS
1100.sgy	n/a	1100	1.4 sec	3.0, 3.5	SOL 1100 1145 HRS HDG 025
1100.sgy		1383	1.4 sec	3.0, 3.5	EOL 1100 1152 HRS
					Note: Line 1100 shot at 5.5 kt
5.sgy	n/a	5	1.4 sec	3.0, 3.5	SOL 5 1153 HRS HDG 300
5.sgy		6666	1.4 sec	3.0, 3.5	End File 5.sgy 1428 HRS
6667.sgy		6667	1.4 sec	3.0, 3.5	Start File 6667.sgy 1428 HRS
6667.sgy		8083	1.4 sec	3.0, 3.5	EOL 5 1501 HRS
6.sgy	n/a	6	1.4 sec	3.0, 3.5	SOL 6 1512 HRS HDG 120
6.sgy		5937	1.4 sec	3.0, 3.5	EOL 6 1730 HRS
					Retrieve Gear 1735 HRS
					Lost stbd engine on transit to marina; spd ~ 8 kt
					Arrive at marina ~1940 HRS

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