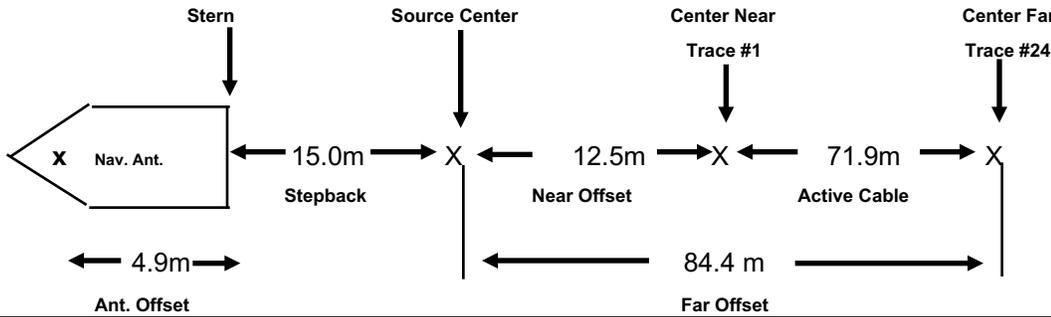


# FIELD LOG / OBSERVERS REPORT

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

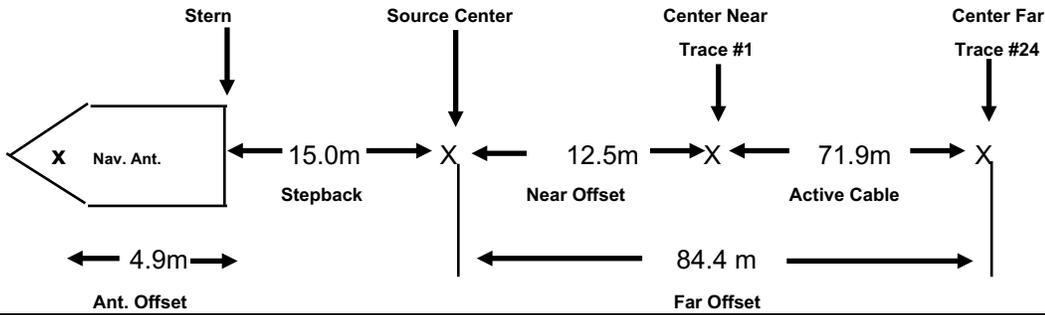
Source type	Source power	Pre amp gain	Number of	Guns	Tips	Sleeves	Source depth	Other
Sparker	2000 j	18 db			3		3.0 m	
Sample Int.		Record Length		No. of channels		Cable depth: 2.5 – 3.5 m.		
Primary	0.500 ms.		1200 msec.		24		Signature Hydrophone depth	
Secondary	ms.		Sec.					
Filter		Filter		60 HZ Notch		Other		
Low	Slope	High	Slope	Out		Note: No aux channels recorded		
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 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

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

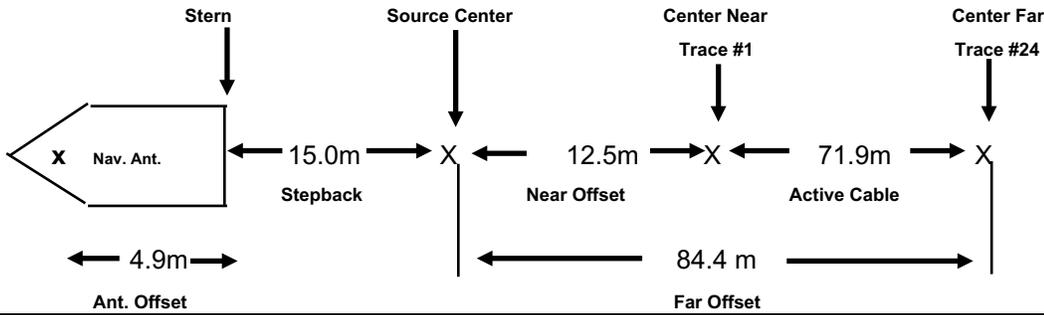
Source type	Source power	Pre amp gain	Number of	Guns	Tips	Sleeves	Source depth	Other
Sparker	2000 j	18 db			3		3.0 m	
	Sample Int.	Record Length	No. of channels		Cable depth: 2.5 – 3.5 m.			
Primary	0.500 ms.	1200 msec.	24		Signature Hydrophone depth			
Secondary	ms.	Sec.						
Filter		Filter		60 HZ Notch		Other		
Low	Slope	High	Slope	Out		Note: No aux channels recorded		
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

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

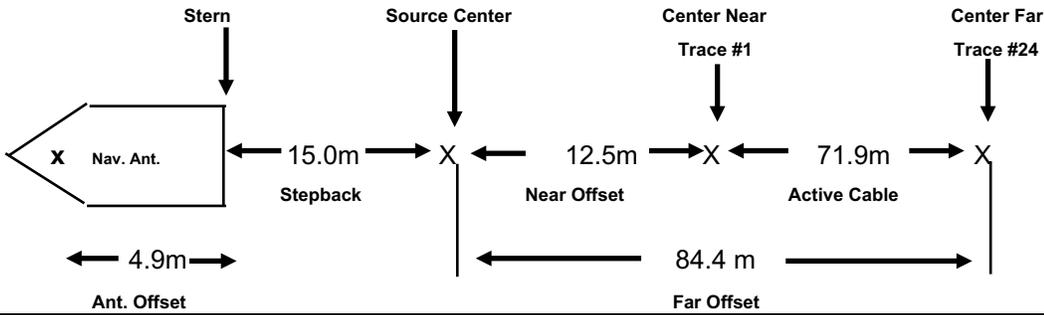
Source type	Source power	Pre amp gain	Number of	Guns	Tips	Sleeves	Source depth	Other
Sparker	1800 j	18 db			3		3.0 m	
Sample Int.		Record Length		No. of channels		Cable depth: 2.5 – 3.5 m.		
Primary	0.500 ms.	1200 msec.		24		Signature Hydrophone depth		
Secondary	ms.	Sec.						
Filter		Filter		60 HZ Notch		Other		
Low	Slope	High	Slope	Out		Note: No aux channels recorded		
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

Vessel: R/V Stephens

Client	Scripps	Date	23 Apr 10
Area and / or Block	Salton Sea		
Line number	see below		
Operator / Observer	Barth		
Line Direction	see below		



## Instrumentation

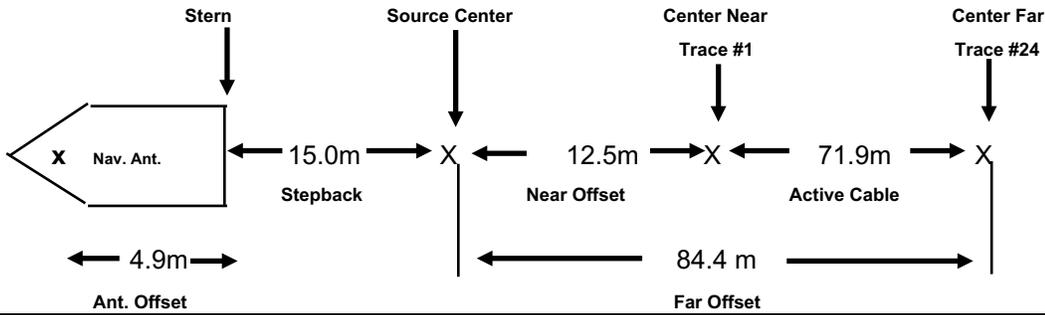
Source type	Source power	Pre amp gain	Number of	Guns	Tips	Sleeves	Source depth	Other
Sparker	1800 j	18 db			3		3.0 m	
Sample Int.		Record Length		No. of channels		Cable depth: 2.5 – 3.5 m.		
Primary	0.500 ms.		1200 msec.		24		Signature Hydrophone depth	
Secondary	ms.		Sec.					
Filter		Filter		60 HZ Notch		Other		
Low	Slope	High	Slope	Out		Note: No aux channels recorded		
Out		Out						
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 ~1430 HRS			
					Launch OBS ~1545 HRS			
1.sgy	n/a	1	10 SEC	3.0, 3.5	SOL	OBS1	1609 HRS	HDG 315
1.sgy		148	10 SEC	3.0, 3.5	EOL	OBS1	1634 HRS	
					Note: Line OBS1 Shot at 1.0 sec. Record Length			
4.sgy	n/a	4	1.4 sec	3.0, 3.5	SOL	4	1639 HRS	HDG 120
4.sgy		3554	1.4 sec	3.0, 3.5	EOL	4	1802 HRS	
					Retrieve Gear 1810 HRS			
					Arrive at marina 1900 HRS			
					Note: Computer clock for Geometrics logs is set to UTC time (+7 hrs from local times above)			

# FIELD LOG / OBSERVERS REPORT

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	Source power	Pre amp gain	Number of	Guns	Tips	Sleeves	Source depth	Other
Sparker	1800 j	18 db			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		
Low	Slope	High	Slope	Out		Note: No aux channels recorded		
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 ~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		

