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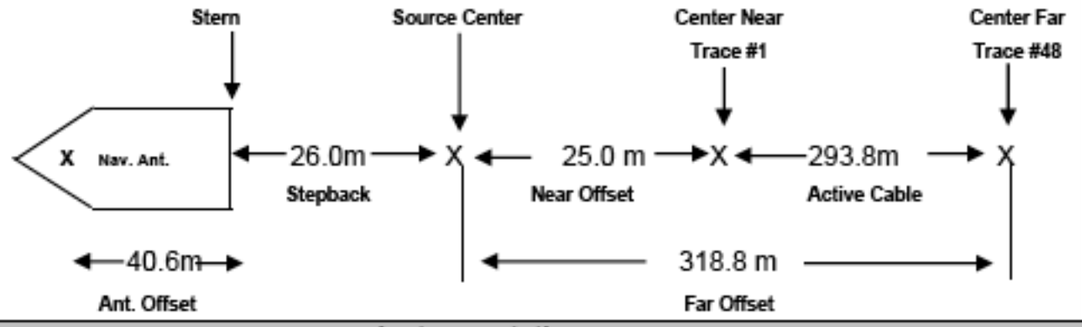
# FIELD LOG / OBSERVERS REPORT



**Vessel: R/V Melville**




| Client | Date (UTC) |
|---|---|
| SCE | 11 Dec 2013 |

Area and / or Block: Offshore So Cal

Line number: **FS01**

Operator / Observer: Driscoll/Barth

Line Direction: **NE**

## Instrumentation

| Source type | Source power | Pre amp gain | Number of | Tips | Source depth | Streamer Depth |
|---|---|---|---|---|---|---|
| Sparker | 2 KJ | 18 db | | 3 | 3.0 m | 3.0 m |

NOTE: Channels 41-48 Reverse Polarity

| | Sample Int. | Record Length | No. of channels |
|---|---|---|---|
| Primary | 0.5 ms. | 2500 msec. | 48 |
| Secondary | ms. | Sec. | |

Signature Hydrophone depth

| Filter | | Filter | | 60 HZ Notch | Other |
|---|---|---|---|---|---|
| Low | Slope | High | Slope | | |
| Out | | Out | | Out | |

Note: no aux channels recorded

| Recording Instruments | Type | Format | Tape Drives |
|---|---|---|---|
| | Geo-Eel | SEG Y(IBM) | Hard Disk/ USB Disk |

| Navigation System | Primary | Secondary |
|---|---|---|
| | DGPS | |

| Boat speed | Navigation fix interval |
|---|---|
| ~4.1 Knots | N/A |

**Group Layout**

| Near TR No. | Near offset |
|---|---|
| 1 | 25.0 m. |

| Far TR No. | Far offset |
|---|---|
| 48 | 318.8 m. |

| Group Interval. | Shooting Interval |
|---|---|
| 6.25 m | 3.0 seconds |

| File Name | Time UTC | File Number | Water Depth Meters | Strmr depth Meters | Remarks ( Changes in weather, sea state, operator, record delays, problems, etc.) |
|---|---|---|---|---|---|
| **1.sgy** | 010639 | 1 | 762 | 3.1 | **SOL FS01 0106UT, Local 1706 Hrs, Seas 1m, Wind: W 12 kt** |
| 1.sgy | 003136 | 500 | 684 | 3 | Leakage: -020 |
| 1.sgy | 015636 | 1000 | 467 | 3.1 | Leakage: -020 |
| 1.sgy | 022136 | 1500 | 548 | 3 | Leakage: -020 |
| 1621.sgy | 022739 | 1621 | 537 | 3 | File Change |
| 1621.sgy | 024636 | 2000 | 616 | 3 | Leakage: -020 |
| 1621.sgy | 025642 | 2500 | 632 | 3.1 | **EOL FS01 0256UT, Local 1856 Hrs, Seas 1m, Wind: NW 14kt** |