Seismic System Geometry
Ship: R/V Knorr
Cruise: KN179-01
Chief Scientist: R. Norris

<table>
<thead>
<tr>
<th></th>
<th>Meters</th>
<th>Feet</th>
<th>Number of traces 48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length of tow leader</td>
<td>50</td>
<td>164.04</td>
<td></td>
</tr>
<tr>
<td>Length of tow stretch</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Antenna to stem</td>
<td>19.512195</td>
<td>64</td>
<td></td>
</tr>
<tr>
<td>Antenna Height</td>
<td>10</td>
<td>32.808</td>
<td></td>
</tr>
<tr>
<td>Center of near trace</td>
<td>75.762195</td>
<td>248.56061</td>
<td>75.76 meters</td>
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<tr>
<td>Center of far trace</td>
<td>663.2622</td>
<td>2176.0306</td>
<td>248.56 feet</td>
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<tr>
<td>Gun Setback</td>
<td>43.90 m</td>
<td>144</td>
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</tr>
<tr>
<td>Active cable</td>
<td>600</td>
<td>1968.48</td>
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</tbody>
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Setback of Single Trace 1
75.76 meters
248.56 feet

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**SOURCE TYPE**
- G.I. Guns
  - Source Power: 3.19 lb/m ea
  - Pre Amp Gain: 48db
  - No. of Guns: 1
  - Source Depth: 4

**PRIMARY**
- Sample Interval: 1 mS
- Record Length: 8 seconds
- No. of Channels: 48
- Cable Depth: 3-5 meters

**FILTERS**
- Low Cut: out
- High Cut: out
- 60 Hz Notch: out
- Monitor Filter: out

**DIGITAL RECORDER**
- Model: OYO
- SEG Format: D 8058 Rev 1
- Tape Density: N/A
- Auxiliary Channel Number: N/A

**CABLE LAYOUT**
- Far Trace No.: 48
- Far Offset: 663.26 m
- Near Trace No.: 1
- Near Offset: 75.76 m

**FOLD**
- No. Traces * Grp. Int.
- Shot Interval: 1.0 meters

**Notes**
- Grouping Int.
- Shooting Int.
- Navigation Fix Interval: N/A
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<th>Meters</th>
<th>Feet</th>
<th>Number of traces</th>
<th>4 8</th>
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<tbody>
<tr>
<td>Length of tow leader</td>
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<td>213.252</td>
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<tr>
<td>Length of tow stretch</td>
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<td>Antenna Height</td>
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<td>Center of near trace</td>
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<td>297.77261</td>
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<td>297.77 feet</td>
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<tr>
<td>Active cable</td>
<td>600</td>
<td>1968.48</td>
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</table>

Setback of Single Trace 1

Center Far Trace 678.26 m
Center Near Trace 90.76 m

GPS Antenna
Gun Setback

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<thead>
<tr>
<th>SOURCE TYPE</th>
<th>Source Power</th>
<th>Pre Amp Gain</th>
<th>No. of Guns</th>
<th>Source Depth</th>
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</thead>
<tbody>
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<td>G.I. Guns</td>
<td>3.19 b/m ea</td>
<td>48 db</td>
<td>1</td>
<td>4</td>
</tr>
</tbody>
</table>

PRIMARY

Sample Interval Record Length No. of Channels Cable Depth
1 mS 8 seconds 48 3-5 meters

FILTERS

Low Cut High Cut 60 Hz Notch Monitor Filter
out out out out

DIGITAL RECORDER

Model SEG Format Tape Density Auxiliary Channel Number
OYO D 8058 Rev 1 N/A

CABLE LAYOUT

Far Trace No. Far Offset Near Trace No. Near Offset
48 678.26 m 1 90.76 m

FOLD =

No. Traces * Grp. Int. Shot Interval

Grouping Int. Shooting Int. Navigation Fix Interval
1.0 meters 10 sec N/A

Notes