

RV "G.O. SARS"

Seismic cable diagram - interconnections  
Rev. 1.0, 25. August 2003 (OM)

| JUNCTION BOXES ON DECK |               |                   | CABLE:SIGNAL | JUNCTION BOX<br>JB-S-06 (GEO LAB)<br>TERMINAL BLOCK | CABLE:SIGNAL | TERMINAL BLOCK<br>IN RACKS,<br>SEISMIC OPS ROOM | NAME                        |
|------------------------|---------------|-------------------|--------------|-----------------------------------------------------|--------------|-------------------------------------------------|-----------------------------|
| JUNCTION BOX           | CONNECTOR:PIN | TERMINAL<br>BLOCK |              |                                                     |              |                                                 |                             |
| JB-S-01                | P1:1          | X1:1              | S2:1A        | X2:1                                                | S14:1A       | X2:1                                            | Sensors, 8 guns in string   |
| JB-S-01                | P1:2          | X1:2              | S2:1B        | X2:2                                                | S14:1B       | X2:2                                            | Sensors, 8 guns in string   |
| JB-S-01                | P1:3          | X1:3              | S2:2A        | X2:3                                                | S14:2A       | X2:3                                            | Sensors, 8 guns in string   |
| JB-S-01                | P1:4          | X1:4              | S2:2B        | X2:4                                                | S14:2B       | X2:4                                            | Sensors, 8 guns in string   |
| JB-S-01                | P1:5          | X1:5              | S2:3A        | X2:5                                                | S14:3A       | X2:5                                            | Sensors, 8 guns in string   |
| JB-S-01                | P1:6          | X1:6              | S2:3B        | X2:6                                                | S14:3B       | X2:6                                            | Sensors, 8 guns in string   |
| JB-S-01                | P1:7          | X1:7              | S2:4A        | X2:7                                                | S14:4A       | X2:7                                            | Sensors, 8 guns in string   |
| JB-S-01                | P1:8          | X1:8              | S2:4B        | X2:8                                                | S14:4B       | X2:8                                            | Sensors, 8 guns in string   |
| JB-S-01                | P1:9          | X1:9              | S2:5A        | X2:9                                                | S14:5A       | X2:9                                            | Sensors, 8 guns in string   |
| JB-S-01                | P1:10         | X1:10             | S2:5B        | X2:10                                               | S14:5B       | X2:10                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:11         | X1:11             | S2:6A        | X2:11                                               | S14:6A       | X2:11                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:12         | X1:12             | S2:6B        | X2:12                                               | S14:6B       | X2:12                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:13         | X1:13             | S2:7A        | X2:13                                               | S14:7A       | X2:13                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:14         | X1:14             | S2:7B        | X2:14                                               | S14:7B       | X2:14                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:15         | X1:15             | S2:8A        | X2:15                                               | S14:8A       | X2:15                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:16         | X1:16             | S2:8B        | X2:16                                               | S14:8B       | X2:16                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:17         | X1:17             | S2:9A        | X2:17                                               | S14:9A       | X2:17                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:18         | X1:18             | S2:9B        | X2:18                                               | S14:9B       | X2:18                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:19         | X1:19             | S2:10A       | X2:19                                               | S14:10A      | X2:19                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:20         | X1:20             | S2:10B       | X2:20                                               | S14:10B      | X2:20                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:21         | X1:21             | S2:SHIELD    | X2:21                                               | S14:SHIELD   | X2:21                                           | Sensors, 8 guns in string   |
| JB-S-01                | P1:22         | X1:22             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P1:23         | X1:23             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P1:24         | X1:24             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:1          | X1:25             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:2          | X1:26             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:3          | X1:27             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:4          | X1:28             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:5          | X1:29             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:6          | X1:30             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:7          | X1:31             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:8          | X1:32             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:9          | X1:33             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:10         | X1:34             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:11         | X1:35             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:12         | X1:36             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:13         | X1:37             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:14         | X1:38             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:15         | X1:39             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:16         | X1:40             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:17         | X1:41             |              |                                                     |              |                                                 |                             |
| JB-S-01                | P2:18         | X1:42             |              |                                                     |              |                                                 |                             |
| JB-S-01                |               |                   | S1:SHIELD    | X1:17                                               | S13:SHIELD   | X1:17                                           | Solenoids, 8 guns in string |

|         |      |       |           |       |            |       |                            |
|---------|------|-------|-----------|-------|------------|-------|----------------------------|
| JB-S-01 | P3:1 | X1:43 | S3:1A     | X3:1  | S15:1A     | X3:1  | Depth sensors, hydrophones |
| JB-S-01 | P3:2 | X1:44 | S3:1B     | X3:2  | S15:1B     | X3:2  | Depth sensors, hydrophones |
| JB-S-01 | P3:3 | X1:45 |           |       |            |       |                            |
| JB-S-01 | P3:4 | X1:46 |           |       |            |       |                            |
| JB-S-01 | P4:1 | X1:47 | S3:2A     | X3:3  | S15:2A     | X3:3  | Depth sensors, hydrophones |
| JB-S-01 | P4:2 | X1:48 |           |       |            |       |                            |
| JB-S-01 | P4:3 | X1:49 | S3:2B     | X3:4  | S15:2B     | X3:4  | Depth sensors, hydrophones |
| JB-S-01 | P4:4 | X1:50 |           |       |            |       |                            |
| JB-S-01 | P5:1 | X1:51 | S3:3A     | X3:5  | S15:3A     | X3:5  | Depth sensors, hydrophones |
| JB-S-01 | P5:2 | X1:52 |           |       |            |       |                            |
| JB-S-01 | P5:3 | X1:53 | S3:3B     | X3:6  | S15:3B     | X3:6  | Depth sensors, hydrophones |
| JB-S-01 | P5:4 | X1:54 |           |       |            |       |                            |
| JB-S-01 | P6:1 | X1:55 | S3:4A     | X3:7  | S15:4A     | X3:7  | Depth sensors, hydrophones |
| JB-S-01 | P6:2 | X1:56 | S3:5A     | X3:9  | S15:5A     | X3:9  | Depth sensors, hydrophones |
| JB-S-01 | P6:3 | X1:57 | S3:4B     | X3:8  | S15:4B     | X3:8  | Depth sensors, hydrophones |
| JB-S-01 | P6:4 | X1:58 | S3:5B     | X3:10 | S15:5B     | X3:10 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:6A     | X3:11 | S15:6A     | X3:11 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:6B     | X3:12 | S15:6B     | X3:12 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:7A     | X3:13 | S15:7A     | X3:13 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:7B     | X3:14 | S15:7B     | X3:14 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:8A     | X3:15 | S15:8A     | X3:15 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:8B     | X3:16 | S15:8B     | X3:16 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:9A     | X3:17 | S15:9A     | X3:17 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:9B     | X3:18 | S15:9B     | X3:18 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:10A    | X3:19 | S15:10A    | X3:19 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:10B    | X3:20 | S15:10B    | X3:20 | Depth sensors, hydrophones |
| JB-S-01 |      |       | S3:SHIELD | X3:21 | S15:SHIELD | X3:21 | Depth sensors, hydrophones |
| JB-S-02 | P1:3 | X1:12 | S4:1      | X4:1  | S16:1      | X4:1  | Solenoids, 3 guns          |
| JB-S-02 | P1:4 | X1:13 | S4:2      | X4:2  | S16:2      | X4:2  | Solenoids, 3 guns          |
| JB-S-02 | P2:3 | X1:16 | S4:3      | X4:3  | S16:3      | X4:3  | Solenoids, 3 guns          |
| JB-S-02 | P2:4 | X1:17 | S4:4      | X4:4  | S16:4      | X4:4  | Solenoids, 3 guns          |
| JB-S-02 | P3:3 | X1:20 | S4:5      | X4:5  | S16:5      | X4:5  | Solenoids, 3 guns          |
| JB-S-02 | P3:4 | X1:21 | S4:6      | X4:6  | S16:6      | X4:6  | Solenoids, 3 guns          |
| JB-S-02 |      |       | S4:7      | X4:7  | S16:7      | X4:7  | Solenoids, 3 guns          |
| JB-S-02 |      |       | S4:SHIELD | X4:8  | S16:SHIELD | X4:8  | Solenoids, 3 guns          |
| JB-S-02 | P1:1 | X1:10 | S5:1A     | X5:1  | S17:1A     | X5:1  | Sensors, 3 guns            |
| JB-S-02 | P1:2 | X1:11 | S5:1B     | X5:2  | S17:1B     | X5:2  | Sensors, 3 guns            |
| JB-S-02 | P2:1 | X1:14 | S5:2A     | X5:3  | S17:2A     | X5:3  | Sensors, 3 guns            |
| JB-S-02 | P2:2 | X1:15 | S5:2B     | X5:4  | S17:2B     | X5:4  | Sensors, 3 guns            |
| JB-S-02 | P3:1 | X1:18 | S5:3A     | X5:5  | S17:3A     | X5:5  | Sensors, 3 guns            |
| JB-S-02 | P3:2 | X1:19 | S5:3B     | X5:6  | S17:3B     | X5:6  | Sensors, 3 guns            |
| JB-S-02 |      |       | S5:4A     | X5:7  | S17:4A     | X5:7  | Sensors, 3 guns            |
| JB-S-02 |      |       | S5:4B     | X5:8  | S17:4B     | X5:8  | Sensors, 3 guns            |
| JB-S-02 |      |       | S5:SHIELD | X5:9  | S17:SHIELD | X5:9  | Sensors, 3 guns            |
| JB-S-02 | P4:1 | X1:22 | S6:1A     | X6:1  | S18:1A     | X6:1  | Depth sensors, hydrophones |
| JB-S-02 | P4:2 | X1:23 |           |       |            |       |                            |
| JB-S-02 | P4:3 | X1:24 | S6:1B     | X6:2  | S18:1B     | X6:2  | Depth sensors, hydrophones |
| JB-S-02 | P4:4 | X1:25 |           |       |            |       |                            |
| JB-S-02 | P5:1 | X1:26 | S6:2A     | X6:3  | S18:2A     | X6:3  | Depth sensors, hydrophones |
| JB-S-02 | P5:2 | X1:27 |           |       |            |       |                            |
| JB-S-02 | P5:3 | X1:28 | S6:2B     | X6:4  | S18:2B     | X6:4  | Depth sensors, hydrophones |
| JB-S-02 | P5:4 | X1:29 |           |       |            |       |                            |
| JB-S-02 | P6:1 | X1:30 | S6:3A     | X6:5  | S18:3A     | X6:5  | Depth sensors, hydrophones |

|                                                              |      |       |               |        |            |        |                            |
|--------------------------------------------------------------|------|-------|---------------|--------|------------|--------|----------------------------|
| JB-S-02                                                      | P6:2 | X1:31 | S6:3B         | X6:6   | S18:3B     | X6:6   | Depth sensors, hydrophones |
| JB-S-02                                                      | P6:3 | X1:32 | S6:4A         | X6:7   | S18:4A     | X6:7   | Depth sensors, hydrophones |
| JB-S-02                                                      | P6:4 | X1:33 | S6:4B         | X6:8   | S18:4B     | X6:8   | Depth sensors, hydrophones |
| JB-S-02                                                      |      |       | S6:5A         | X6:9   | S18:5A     | X6:9   | Depth sensors, hydrophones |
| JB-S-02                                                      |      |       | S6:5B         | X6:10  | S18:5B     | X6:10  | Depth sensors, hydrophones |
| JB-S-02                                                      |      |       | S6:6A         | X6:11  | S18:6A     | X6:11  | Depth sensors, hydrophones |
| JB-S-02                                                      |      |       | S6:6B         | X6:12  | S18:6B     | X6:12  | Depth sensors, hydrophones |
| JB-S-02                                                      |      |       | S6:7A         | X6:13  | S18:7A     | X6:13  | Depth sensors, hydrophones |
| JB-S-02                                                      |      |       | S6:7B         | X6:14  | S18:7B     | X6:14  | Depth sensors, hydrophones |
| JB-S-02                                                      |      |       | S6:SHIELD     | X6:15  | S18:SHIELD | X6:15  | Depth sensors, hydrophones |
| JB-S-02                                                      |      | X1:34 | S7:1 (center) | X7:1   | S19:1      | X7:1   | Sparker trigger signal     |
| Coax to net room, 2nd deck, Junction box at frame 3 position |      |       | S26:1         | X7:2   | S19:1      | X7:1   | Sparker trigger signal     |
| JB-S-02                                                      |      | X1:35 | S7:2 (shield) | X7:3   | S19:SHIELD | X7:2   | Sparker trigger signal     |
| Coax to net room, 2nd deck, Junction box at frame 3 position |      |       | S26:SHIELD    | X7:4   | S19:SHIELD | X7:2   | Sparker trigger signal     |
| JB-S-03                                                      | P1:3 | X1:12 | S8:1          | X8:1   | S20:1      | X8:1   | Solenoids, 3 guns          |
| JB-S-03                                                      | P1:4 | X1:13 | S8:2          | X8:2   | S20:2      | X8:2   | Solenoids, 3 guns          |
| JB-S-03                                                      | P2:3 | X1:16 | S8:3          | X8:3   | S20:3      | X8:3   | Solenoids, 3 guns          |
| JB-S-03                                                      | P2:4 | X1:17 | S8:4          | X8:4   | S20:4      | X8:4   | Solenoids, 3 guns          |
| JB-S-03                                                      | P3:3 | X1:20 | S8:5          | X8:5   | S20:5      | X8:5   | Solenoids, 3 guns          |
| JB-S-03                                                      | P3:4 | X1:21 | S8:6          | X8:6   | S20:6      | X8:6   | Solenoids, 3 guns          |
| JB-S-03                                                      |      |       | S8:7          | X8:7   | S20:7      | X8:7   | Solenoids, 3 guns          |
| JB-S-03                                                      |      |       | S8:SHIELD     | X8:8   | S20:SHIELD | X8:8   | Solenoids, 3 guns          |
| JB-S-03                                                      | P1:1 | X1:10 | S9:1A         | X9:1   | S21:1A     | X9:1   | Sensors, 3 guns            |
| JB-S-03                                                      | P1:2 | X1:11 | S9:1B         | X9:2   | S21:1B     | X9:2   | Sensors, 3 guns            |
| JB-S-03                                                      | P2:1 | X1:14 | S9:2A         | X9:3   | S21:2A     | X9:3   | Sensors, 3 guns            |
| JB-S-03                                                      | P2:2 | X1:15 | S9:2B         | X9:4   | S21:2B     | X9:4   | Sensors, 3 guns            |
| JB-S-03                                                      | P3:1 | X1:18 | S9:3A         | X9:5   | S21:3A     | X9:5   | Sensors, 3 guns            |
| JB-S-03                                                      | P3:2 | X1:19 | S9:3B         | X9:6   | S21:3B     | X9:6   | Sensors, 3 guns            |
| JB-S-03                                                      |      |       | S9:4A         | X9:7   | S21:4A     | X9:7   | Sensors, 3 guns            |
| JB-S-03                                                      |      |       | S9:4B         | X9:8   | S21:4B     | X9:8   | Sensors, 3 guns            |
| JB-S-03                                                      |      |       | S9:SHIELD     | X9:9   | S21:SHIELD | X9:9   | Sensors, 3 guns            |
| JB-S-03                                                      | P4:1 | X1:22 | S10:1A        | X10:1  | S22:1A     | X10:1  | Depth sensors, hydrophones |
| JB-S-03                                                      | P4:2 | X1:23 |               |        |            |        |                            |
| JB-S-03                                                      | P4:3 | X1:24 | S10:1B        | X10:2  | S22:1B     | X10:2  | Depth sensors, hydrophones |
| JB-S-03                                                      | P4:4 | X1:25 |               |        |            |        |                            |
| JB-S-03                                                      | P5:1 | X1:26 | S10:2A        | X10:3  | S22:2A     | X10:3  | Depth sensors, hydrophones |
| JB-S-03                                                      | P5:2 | X1:27 |               |        |            |        |                            |
| JB-S-03                                                      | P5:3 | X1:28 | S10:2B        | X10:4  | S22:2B     | X10:4  | Depth sensors, hydrophones |
| JB-S-03                                                      | P5:4 | X1:29 |               |        |            |        |                            |
| JB-S-03                                                      | P6:1 | X1:30 | S10:3A        | X10:5  | S22:3A     | X10:5  | Depth sensors, hydrophones |
| JB-S-03                                                      | P6:2 | X1:31 |               |        |            |        |                            |
| JB-S-03                                                      | P6:3 | X1:32 | S10:3B        | X10:6  | S22:3B     | X10:6  | Depth sensors, hydrophones |
| JB-S-03                                                      | P6:4 | X1:33 |               |        |            |        |                            |
| JB-S-03                                                      |      |       | S10:4A        | X10:7  | S22:4A     | X10:7  | Depth sensors, hydrophones |
| JB-S-03                                                      |      |       | S10:4B        | X10:8  | S22:4B     | X10:8  | Depth sensors, hydrophones |
| JB-S-03                                                      |      |       | S10:5A        | X10:9  | S22:5A     | X10:9  | Depth sensors, hydrophones |
| JB-S-03                                                      |      |       | S10:5B        | X10:10 | S22:5B     | X10:10 | Depth sensors, hydrophones |
| JB-S-03                                                      |      |       | S10:6A        | X10:11 | S22:6A     | X10:11 | Depth sensors, hydrophones |
| JB-S-03                                                      |      |       | S10:6B        | X10:12 | S22:6B     | X10:12 | Depth sensors, hydrophones |
| JB-S-03                                                      |      |       | S10:7A        | X10:13 | S22:7A     | X10:13 | Depth sensors, hydrophones |
| JB-S-03                                                      |      |       | S10:7B        | X10:14 | S22:7B     | X10:14 | Depth sensors, hydrophones |
| JB-S-03                                                      |      |       | S10:SHIELD    | X10:15 | S22:SHIELD | X10:15 | Depth sensors, hydrophones |

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|                    |       |       |            |       |            |       |                                        |
|--------------------|-------|-------|------------|-------|------------|-------|----------------------------------------|
| JB-S-04<br>JB-S-04 | P1:1  | X1:1  | S11-1A     | X11:1 | S23:1A     | X11:1 | Magnetometer cable - TBD               |
|                    | P1:2  | X1:2  | S11-1B     | X11:2 | S23:1B     | X11:2 | Magnetometer cable - TBD               |
|                    | P1:3  | X1:3  | S11:SHIELD | X11:3 | S23:SHIELD | X11:3 | Magnetometer cable - TBD               |
|                    | P1:4  | X1:4  |            |       |            |       |                                        |
|                    | P2:1  | X2:1  | S12:1A     | X12:1 | S24:1A     | X12:1 | Future: New magnetometer, digital data |
|                    | P2:2  | X2:2  | S12:1B     | X12:2 | S24:1B     | X12:2 | Future: New magnetometer, digital data |
|                    | P2:3  | X2:3  | S12:2A     | X12:3 | S24:2A     | X12:3 | Future: New magnetometer, digital data |
|                    | P2:4  | X2:4  | S12:2B     | X12:4 | S24:2B     | X12:4 | Future: New magnetometer, digital data |
|                    | P2:5  | X2:5  | S12:3A     | X12:5 | S24:3A     | X12:5 | Future: New magnetometer, digital data |
|                    | P2:6  | X2:6  | S12:3B     | X12:6 | S24:3B     | X12:6 | Future: New magnetometer, digital data |
|                    | P2:7  | X2:7  | S12:4A     | X12:7 | S24:4A     | X12:7 | Future: New magnetometer, digital data |
|                    | P2:8  | X2:8  | S12:4B     | X12:8 | S24:4B     | X12:8 | Future: New magnetometer, digital data |
|                    | P2:9  | X2:9  | S12:SHIELD | X12:9 | S24:SHIELD | X12:9 | Future: New magnetometer, digital data |
|                    | P2:10 | X2:10 |            |       |            |       |                                        |
|                    | P2:11 | X2:11 |            |       |            |       |                                        |
|                    | P2:12 | X2:12 |            |       |            |       |                                        |
|                    | P2:13 | X2:13 |            |       |            |       |                                        |
|                    | P2:14 | X2:14 |            |       |            |       |                                        |
|                    | P2:15 | X2:15 |            |       |            |       |                                        |
|                    | P2:16 | X2:16 |            |       |            |       |                                        |
|                    | P2:17 | X2:17 |            |       |            |       |                                        |
|                    | P2:18 | X2:18 |            |       |            |       |                                        |