

| responding | Pls                     | ship                      | other        | start date | end date | time overlap | main work area(s) |                                 | site names  | spatial overlap      | equipment left  | transponders | acoustics                          | beacon frequencies                     |        |   |       |        |                |   |
|------------|-------------------------|---------------------------|--------------|------------|----------|--------------|-------------------|---------------------------------|---|----------------------|---|--------------|------------------------------------|--|--------|---|-------|--------|----------------|---|
|            |                         |                           |              |            |          |              | latitude          | longitude                       |   |                      |   |              |                                    |  |        |   |       |        |                |   |
| x          | Holden                  | R/V Atlantis              | Alvin        | 13-Jun     | 28-Jun   | 0            | 47.96853          | 129.08640                       | High Rise (sample fluids only)                      |                      | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 47.99798          | 129.06863                       | Sasquatch (maybe not -- Salty Dawg instead?)        |                      | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 47.92603          | 129.10763                       | Mothra (sample fluid + rock)                        |                      | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 47.93172          | 129.09738                       | MEF (sampling all major structures -- fluid + rock) | McLane water sampler | --  | cruise only  | --                                 | none?                                  |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 47.92657          | 129.98162                       | Axial   | McLane water sampler | --  | cruise only  | --                                 | none?                                  |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              |                   | Salty Dawg (sample fluids only) |   | --                   | cruise only   | --           | --                                 |  |        |   |       |        |                |   |
|            | Lilley                  | R/V Atlantis              | Alvin        | 13-Jun     | 28-Jun   | 0            | 47.96853          | 129.08640                       | High Rise   |                      | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
|            | Embley                  | R/V Atlantis              | Alvin        | 13-Jun     | 28-Jun   | 0            |                   |                                 | ?   |                      | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
|            | Lilley                  | R/V Atlantis              | Alvin        | 13-Jun     | 28-Jun   | 0            |                   |                                 | ?   |                      | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
|            | Alcatel                 | R/V Atlantis and C/S Lodb | ROPOS        | 3-Jul      | 17-Aug   | 40           | 48°48.7940'       | -125°16.8572'                   | Folger Passage                                      |                      | cable/node  |              |                                    |  |        |   |       |        |                |   |
|            | Alcatel                 | R/V Atlantis and C/S Lodb | ROPOS        | 3-Jul      | 17-Aug   | 40           | 48°40.9287'       | -126°51.9594'                   | ODP 889   |                      | cable/node  |              |                                    |  |        |   |       |        |                |   |
|            | Alcatel                 | R/V Atlantis and C/S Lodb | ROPOS        | 3-Jul      | 17-Aug   | 40           | 48°20.7465'       | -126°09.4998'                   | Barkley Canyon                                      | *                    | cable/node  |              |                                    |  |        |   |       |        |                |   |
|            | Alcatel                 | R/V Atlantis and C/S Lodb | ROPOS        | 3-Jul      | 17-Aug   | 40           | 47°44.4779'       | -127°43.7670'                   | ODP 1027 (1026b, 1027c, ?)                          | *                    | cable/node  |              |                                    |  |        |   |       |        |                |   |
|            | Alcatel                 | R/V Atlantis and C/S Lodb | ROPOS        | 3-Jul      | 17-Aug   | 40           | 47°56.4868'       | -129°04.1185'                   | Endeavour (off-axis node?)                          | *                    | cable/node  |              |                                    |  |        |   |       |        |                |   |
| x          | Bewer                   | R/V Western Flyer         | ROV          | 9-Jul      | 10-Jul   | 2            | 44.33             | 124.75                          | Hydrate Ridge                                       | *                    |   |              |                                    |  |        |   |       |        |                |   |
| x          | Bewer                   | R/V Western Flyer         | ROV          | 13-Jul     | 20-Jul   | 8            | 48.33             | 126.00                          | Barkley Canyon                                      | *                    |   |              |                                    |  |        |   |       |        |                |   |
| x          | Paull                   | R/V Zephyr                | AUV          | 17-Jul     | 18-Jul   | 2            | 44.33             | 124.75                          | Hydrate Ridge                                       | *                    |   |              |                                    |  |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              |                   |                                 |   |                      |   |              |                                    | 21-Jul                                 | 26-Jul | 6 | 48.33 | 126.00 | Barkley Canyon | * |
|            |                         |                           |              |            |          |              |                   |                                 |   |                      |   |              |                                    | 21-Jul                                 | 26-Jul | 6 | 48.83 | 126.83 | Bullseye       |   |
| x          | Robison                 | R/V Western Flyer         | ROV          | 25-Jul     | 30-Jul   | 6            | 46.33             | 124.67                          | Astoria Canyon                                      |                      |   |              |                                    |  |        |   |       |        |                |   |
| x          | Clague                  | R/V Zephyr                | AUV          | 30-Jul     | 12-Aug   | 14           | 45.5              | 130.0                           | Axial/Coaxial/south rift area                       |                      | --  |              | --                                 | --                                     |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 46.5              | 130.0                           | Axial/Coaxial/south rift area                       |                      | --  |              | --                                 | --                                     |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 43.0              | 127.0                           | Gorda   |                      |   |              |                                    |  |        |   |       |        |                |   |
| x          | McDuff (Delaney/Kelley) | R/V Thompson              | Sentry       | 1-Aug      | 15-Aug   | 11           |                   |                                 | Hydrate Ridge and other OOI sites off Oregon        | *                    |   |              |                                    |  |        |   |       |        |                |   |
|            |                         |                           | R/V Thompson | Sentry     | 1-Aug    | 15-Aug       | 12                |                                 |   | Gray's Harbor        |   |              |                                    |  |        |   |       |        |                |   |
| x          | Paull                   | R/V Western Flyer         | ROV          | 3-Aug      | 5-Aug    | 3            | 44.33             | 124.75                          | Hydrate Ridge                                       | *                    |   |              |                                    |  |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              |                   |                                 |   |                      |   |              |                                    | 5-Aug                                  | 12-Aug | 8 | 48.33 | 126.00 | Barkley Canyon | * |
|            |                         |                           |              |            |          |              |                   |                                 |   |                      |   |              |                                    | 5-Aug                                  | 12-Aug | 8 | 48.83 | 126.75 | Bulls Eye      |   |
|            |                         |                           |              |            |          |              |                   |                                 |   |                      | osmo-sampler  |              |                                    |  |        |   |       |        |                |   |
| x          | Clague/Scholin          | R/V Western Flyer         | ROV          | 15-Aug     | 26-Aug   | 12           | 45.5              | 130.0                           | Axial/Coaxial/south rift area                       |                      |   | cruise only  | USBL 19khz transit - 27khz receive | ESP instrument Homer #50 (cruise only) |        |   |       |        |                |   |
| x          | Clague                  | R/V Western Flyer         | ROV          | 30-Aug     | 8-Sep    |              | 46.5              | 130.0                           | Axial/Coaxial/south rift area                       |                      |   | cruise only  |                                    |  |        |   |       |        |                |   |
| x          | Clague/Vrijenhoek       | R/V Western Flyer         | ROV          | 30-Aug     | 8-Sep    |              | 43.0              | 127.0                           | Gorda   |                      |   | cruise only  |                                    |  |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 41.0              | 127.5                           | Escanaba Trough                                     |                      |   | cruise only  |                                    |  |        |   |       |        |                |   |
| x          | Toomey                  | R/V Langseth              |              | 19-Aug     | 13-Sep   | 21           |                   |                                 | Endeavour   | *                    |   |              | cruise only                        |  |        |   |       |        |                |   |
| x          | Fisher                  | R/V Atlantis              |              | 20-Aug     | 6-Sep    | 17           | 47.753483         | 127.763883                      | 1301A Cascadia Base                                 | ?                    | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 47.753817         | 127.763767                      | 1301B   | ?                    | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 47.762650         | 127.759200                      | 1026B   | ?                    | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 47.756450         | 127.731117                      | 1027C   | ?                    | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
|            |                         |                           |              |            |          |              | 47.93             | 129.98                          | Axial (6 dives), possibly Endeavour or Mothra       |                      | --  | cruise only  | --                                 | --                                     |        |   |       |        |                |   |
| x          | Best                    | R/V Thompson              | ROPOS        | 20-Aug     | 20-Sep   | 31           |                   |                                 | Folger Passage                                      |                      | cable from node to 2 junction boxes plus various instruments                      |              | various                            | ?                                      |        |   |       |        |                |   |
| x          | Best                    | R/V Thompson              | ROPOS        | 20-Aug     | 20-Sep   | 31           |                   |                                 | ODP 889   |                      | cable from node to 1 junction box plus various instruments                        |              | various                            | ?                                      |        |   |       |        |                |   |
| x          | Best                    | R/V Thompson              | ROPOS        | 20-Aug     | 20-Sep   | 31           |                   |                                 | Barkley Canyon                                      | *                    | at least 2 junction boxes plus various instruments including profiler and crawler |              | various                            | ?                                      |        |   |       |        |                |   |
| x          | Best                    | R/V Thompson              | ROPOS        | 20-Aug     | 20-Sep   | 31           |                   |                                 | ODP 1027 (1026b, 1027c, ?)                          | *                    | 1 junction boxes plus various instruments   |              | various                            | ?                                      |        |   |       |        |                |   |
| x          | Best                    | R/V Thompson              | ROPOS        | 20-Aug     | 20-Sep   | 31           |                   |                                 | Endeavour (off-axis node to MEF)                    | *                    | at least cable into MEF and camera but more planned 2010                          |              | various                            | ?                                      |        |   |       |        |                |   |
|            | McDuff                  | R/V Thompson              |              | 18-Sep     | 24-Sep   | 0            |                   |                                 | endeavour?  |                      |   |              |                                    |  |        |   |       |        |                |   |
|            | Education               | R/V Thompson              |              | 18-Sep     | 24-Sep   | 0            |                   |                                 | ?   |                      |   |              |                                    |  |        |   |       |        |                |   |