**PATCH TEST AREA: Necker Ridge**

**SURVEY NAME: EX0909**

**DESCRIPTION: Yaw and Roll Tests**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Line** | **Start** | **Stop** | **Sound Velocity** | **SOG** | **Hdg** | **Seas** | **Comments** |
| 083109 | 0001\_20090831\_223340\_EX | 22:33 | 22:51 | XBT\_083109\_33 | 8 | 174 | 4 ft | 1st Yaw test line |
|  | 0002\_20090831\_225142\_EX | 22:51 | 23:17 |  | 8 |  |  | Turn |
|  | 0003\_20090831\_231742\_EX | 23:17 | 23:36 |  | 8 | 174 |  | 2nd yaw test line |
|  | 0004\_20090831\_233658\_EX \_ | 23:36 | 23:48 |  | 8 |  |  | Preparing to turn |
|  | 0005\_20090831\_234823\_EX | 23:48 | 00:44 |  | 8 | 354 |  |  Original offsets |
| 090109 | 0006\_20090901\_004454\_EX | 00:44 | 01:16 |  | 4 |  |  | Original offsets |
|  | 0007\_20090901\_011609\_EX | 01:16 | 01:24 |  | 4 |  |  | Original offsets |
|  | 0008\_20090901\_012456\_EX | 01:24 | 01:50 |  | 4 |  |  | -0.8 deg yaw offset applied, all settings applied under install param/ang offsets |
|  | 0009\_20090901\_015031\_EX | 01:50 | 02:06 |  | 8 |  |  | -0.8 deg yaw offset applied |
|  | 0010\_20090901\_020656\_EX | 02:06 | 03:20 |  | 8 | 168 |  | -0.8 deg yaw offset applied |
|  | 0011\_20090901\_032003\_EX | 03:20 | 03:43 |  |  |  |  | -0.8 deg yaw offset applied |
|  | 0012\_20090901\_034340\_EX | 03:43 |  |  |  |  |  | -0.8 deg yaw offset applied |
|  | 0013 |  |  |  |  | 153 |  | -0.8 deg yaw offset applied, 0.04 roll offset applied,  |
|  | 0014 |  |  |  |  |  |  | 0.04 roll offset applied |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |