



## JD192-Thursday 11 July 2013

192							Flocks (Captain); Wiese (ET); Miselis (PI); trying to do some roll cal lines after a morning and early afternoon of bad weather; light chop on the water			
192	2152					v000049, v000050	svp0005.txt; 316950.7 E, 3297605.6 N			
192	2206	13BIM02_001_2202	roll01				sol			
192	2208						eol; didn't start that line very well, need to redo			
192	2212	001_2208	roll01_a				sol			
192	2214						eol; different compass readings making staying on line difficult; figuring out heading and then will restart line			
192	2224	001_2219	roll01_b				sol			
192	2230						eol			
192	2241		roll02				sol			
192	2241						eol, trying to figure out autopilot			
192	2245	002_2241	roll02_a				sol, using autopilot now!			
192	2249						eol			
192	2251	001_2246	roll01_c				sol, redoing line one now that autopilot is being used			
192	225158						turning in a loop to try to get back on line...will continue to record			
192	2254						eol, too many turns...getting dizzy			
192	2256	001_2251	roll01_d				sol			
192	2300						eol			
192	2304	004_2259	roll03				sol			
192	2308						eol			
192	2309	003_2305	roll04				sol			
192	2314						eol			
192	2316	006_2311	roll05				sol			
192	2320						eol			
192	2322	005_2317	roll06				sol			
192	2326						eol			
192	2328	004_2324	roll07				sol; repeating a line to see if we can make it better;			
192	2330						didn't end up writing beginning of .srx			
192	2333						doesn't look like it...			
192	2335	007_2331	roll08				eol			
192	2340						sol			
							eol, EOD; will recover swath and return to VI			

## JD193-FRIDAY 12 July 2013

193							starting Hewes Pt. lines; Wiese (ET), Miselis (PI), Dickhudt (Captain), chirp and swath only			
193	1410					svp006	323110.2 E, 3322961.1 N; V000051, V000052			
193	1455	13BIM02_023_1451	13h001	13c001			sol; sxp will be 13h001a			
193	1506						depression in chirp with dipping reflectors...first borrow pit filling in?			
193	1540						eol			
193	1543	022_1538	13h002	13c002			sol			
193	1547						eol. Doing another cast			
193	1548					svp007	320155.1 E, 3327976.2 N; V000053, V000054			
193	1555	022_1538	13h002a	13c002a			sol; did not sto hypack logging			
193	1634						eol			

193	1638	021_1633	13h003	13c003		sol; a little to west of line at beginning			
193	1718					eol			
193	1719	020_1715	13h004	13c004		sol			
193	1725					just started recording chirp			
193	1745					just started writing sxp...will need to use sxr to get whole line			
193	1802					eol			
193	1804	019_1759	13h005	13c005		sol			
193	1831					eol			
193	1833				svp008	V000055, V000056, 320885.5 E, 3326423.8 N; in the borrow pit			
193	1840	019_1834	13h005c	13c005a		sol			
193	1852					lots of fishes near the bottom here...attenuating the swath signal			
193	1854					eol			
193	1856	018_1852	13h006	13c006		sol			
193	1938					eol			
193	1944	005_1939	13h007	13c007		sol			
193	1956					noticing a gap in the swath from the port side transducer			
193	2004					eol; taking cast			
193	2008				svp009	lost first here and now so, this time is the time the Valeport file was written; added this time to SOS table as well, 320878.5 E 3325159.5 N; V000058 V000059			
193	2013	005_2009	13h007a	13c007a		sol			
193	2034					eol			
193	2036	004_2031	13h008	13c008		sol; sxp will be 13h008a...will have to check out 13h008.sxp—not sure how any data was recorded to that file			
193	2108					seeing lots of acoustic noise from chirp on these shallow lines and the gap on the port side swath is likely related to the boat hull			
193	2116					eol			
193	2118	001_2114	13h009	13c009		sol			
193	2159					eol; will take some time to make adjustment to chirp davit			
193	2208	002_2203	13h010	13c010		sol; storm building to north and west on coast...data may be looking noisier.			
193	2252					eol, EOD			
<b>JD194 SATURDAY 13 JULY 2013</b>									
194						starting at Hewes Pt.; Wiese (ET), Miselis (PI), Dickhudt (Captain), chirp and swath only			
194	1501				svp010	319344.4 E, 3328005.4 N, V000061, V000062 (Valeport files saved to 12072013 folder)			
194	1516					time server taking a long time to sync. Switching to PC clock on sonar, attitude and position; once sync is achieved we will switch back			
194	1519		13h011	13c011		sol			

194	1520						eol, something screwy with saving .sxrs, probably a few extraneous Hypack files also, but we weren't recording long enough to note the file names			
194	1541	13BIM02_006_1537	13h011b	13c011a			sol; 13h011a was not recording properly...may not have recorded; started recording chirp a little late and accidentally recorded a .jsf instead of .sgy. Sigh.			
194	1552						eol only for chirp line; switched from .jsf to .sgy			
194	1552			13c011b			sol only for chirp line, now recording in .sgy			
194	1555						time server finally synced. Will switch from PC clock to Sensor clock when this line is complete			
194	1626						eol			
194	1627	003_1623	13h012	13c012			sol, now with all swath components on Sensor clock			
194	1703						Astech turned on - session 002 started			
194	1709						eol			
194	1713	008_1708	13h013	13c013			sol, stopping to take a cast			
194	1726					svp011	eol			
194	1733	008_1728	13h013a	13c013a			320264.4 E, 3326470.7 N, V000063, V000064			
194	1802						sol			
194	1804	007_1800	13h014	13c014			eol			
194	1808						swath low amp to 160			
194	1811						eol, stopping to take a cast			
194	1812					svp012	322127 E,3323187.4N, V000065, V000066			
194	1819	007_1814	13h014a	13h014a			sol			
194	1849						lots of fish/shrimp in the water column, swath totally attenuated on port side.			
194	1853						another big school of fish			
194	1854						eol			
194	1856	010_1851	13h015	13c015			sol			
194	1908						HUGE school of fish in the borrow pit; totally attenuating starboard side of swath			
194	1937						eol			
194	1938	009_1934	13h016	13c016			sol			
194	2009						just changed default SOS to 1536 from 1532 to better match SOS at the head.			
194	2020						eol			
194	2022	012_2018	13h017	13c017			sol			
194	2039						really cool internal structure in chirp line on south edge of borrow pit.			
194	?						eol, taking cast			
194	2048					svp013	321408.3 E, 3324839 N, V000067, V000068			
194	2055	012_2051	13h017a	13c017a			SOS vacation after copying wrong column into swath from Valeport file, will need to redo and reapply last cast			
194	2057						new SOS file save to sxp013 and cast applied to swath			
194	2059						eol			
194	2113						sol			
194	2115	011_2110	13h018	13c018			eol			
194	2154						eol			

194	2158	014_2153	13h019	13c019		sol			
194	2159					eol			
194	2200				svp014	319665.2 E, 3328107.7 N, V000069, V000070			
194	2207	014_2202	13h019a	13c019a		sol, overlaps 13x018			
194	2217					big pile of sand in the borrow pit?? Or perhaps where the borrow pit intersects the edge of the platform?			
194	2229					eol, ending line early because thunderstorm is building to our east, pulling gear and heading toward the VI. EOD			
<b>JD195 SUNDAY 14 JULY 2013</b>									
195						Trying to survey at Hewes Point again. East winds are kicking up some pretty big swell. Wiese (ET), Dickhudt (Captain), Miselis (PI)			
195	1343	13BIM02_016_1338	13h020	13c020		sol			
195	1344					swath files just started			
195	1349					data's not looking great...seas are big and building			
195	1350					eol, calling it. Davit is not stable in these seas.			
195	1402		13h021			collecting a transit line			
195	1407					f190 not collected till now			
195						eol?			
195						decided to come back out to collect data when the wind laid down a bit, but swell is coming from the E with occasional SE so we decided to try priority 3 lines that would allow us to go into the sea and with the sea instead of broad to it. Wiese (ET), Miselis (PI), Dickhudt (Captain)			
195	2023				svp015	here didn't get saved so will have to get appropriate coordinates for svp cast from Hypack target, however time is correct, V000071, V000072, V000073, V000074			
195	2029	13BIM02_001_2025	13h022	13c021		sol			
195	2114					eol			
195	2116	002_2112	13h023	13c022		sol			
195	2119					eol, stopping to take a cast			
195	2020				svp016	316410.8 E, 3326310.6 N, V000075, V000076			
195	2129	002_2125	13h023a	13c022a		sol, swath started a little early so will need to remove some turns from the beginning of the line			
195	2207					eol			
195	2209	003_2205	13h024	13c023		sol, heading more with the sea now			
195	2235					eol, taking cast			
195	2237				svp017	318150.8 E, 3327674.9 N, V000077, V000078			
195	2245	003_2239	13h024a	13c023a		sol, accidentally started writing .sgy to file 13c024a, corrected shortly after sol			
195	2304					eol			
195	2306	004_2302	13h025	13c024		sol			
195	2344					eol			
195	2347		13h026	13c025		sol			

195	0017						seeing many linear changes in depth that are pretty much exactly perpendicular to the track. Not seeing banding in backscatter that would suggest that it's related to motion. AND there's not as much of a swell to the west as there was at the start of the line, so it's likely not related to it. Ripples related to this swell? Regardless, we should check them out.			
195	0024						Obviously, according to the time, we have changed from JD195 to JD196, however for the purposed of processing, I think it's best if we keep the day's lines together so we have appropriate casts.			
195	0032						eoI, EOD			