

Justo Sierra Seismic Log

Local day	Local time	GMT Time	Line name	Start shot #	End shot #	Output filename	Latitude	Longitude	Notes	Log entry by
		5:00:00								Jingxuan
		5:00:00								
		5:00:00								
18-Jul	17:56	22:56:00	1001	1		1.sgd			Shooting on 12.5 m	
	18:18	23:18:00	1001						Slow down to 6 knots, SOG	
		5:00:00	1001						Slow down again to 5.5 knots because the guns are not firing regularly on distance	
	19:07	0:07:00	1001			665.sgd			Estimate, starting line1 waypoint	
	21:05	2:05:00	1001			1807.sgd			Gun stopped firing for 1 min, lost GPS on Seismic controller logfile, while the .Nav file stop at shot 1800	
	21:26	2:26:00	1001			2012.sgd			GPS back with low frequency	
	21:30	2:30:00	1001			2039.sgd			GPS back online	
		5:00:00	1001			3249.sgd			Observe a step on seafloor	Patty
	23:46	4:46:00	1001			3495.sgd	22.6247	-86.2485	Estimate, cross line5	
	23:37	4:37:00	1001			N/A	Weather update		Wind direction 91° (corrected 73°), wind speed 10.96 kts, pressure 1015.8 mbar, humidity 83%, temp 29°C	
	23:45	4:45:00	1001			3272 sgd			Large escarpment/cliff observed in seismic and multibeam data	
19-Jul	0:25	5:25:00	1001			N/A			Asked bridge to slow down to 5.2 kts from 5.5 kts	
	0:48	5:48:00	1001			N/A			Noting that we are -137 m off of the line	
	2:30	7:30:00	1001			N/A			Asked bridge to speed up to 5 kts from 4.7 kts	
	2:51	7:51:00	1001			N/A			Brendan noted that prior air gun failure was due to an o-ring malfunction	
	3:15	8:15:00	1001			~5935 sgd			Constant speed dropped to 4.5 kts to allow for compressors to keep up with air gun 12.5-m shot repetition	
	5:01	10:01:00	1001			7110 sgd			Crossed dip line (between waypoints 8 & 9)	
	5:02	10:02:00	1001			7112 sgd			Noted that distance from line is now -184 m (increase is likely due to current changes)	Patty
	5:55	10:55:00	1001			N/A			PSOs reported start of shift	
	6:30	11:30:00	1001			9444 sgd			Passed over a canyon (also in multibeam)	
	10:40	15:40:00	1001			~1120 sgd			Approximated time and filename - crossed dip line (between waypoints 9 & 10)	
	11:30	16:30:00	1001			N/A	Weather update		Wind direction 57° (corrected 54°), wind speed 8.34 kts, pressure 1016.9 mbar, humidity 85%, temp 29.2°C, ocean state is very calm with waves <1 ft and almost no white caps	
		5:00:00	1001			14906.sgd	23.8066	-86.7807	Cross line08	
	18:56	23:56:00	1001			16656.sgd	23.9845	-86.8612	Cross line09	
	22:22	3:22:00	1001			19034.sgd	24.2217	-86.969	Cross line10	
	22:25	3:25:00	1001			19074.sgd			Lost Data- Gun stopped firing	
	22:57	3:57:00	1001			19075.sgd			Firing resumed	
	23:18	4:18:00	1001			19307.sgd			Stop the gun for PSO	
	23:30	4:30:00	1001						PSO started scan	

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	23:45	4:45:00	1001				24.324	-87.015	Wind direction 100° (corrected 89°), wind speed 8.05 kts, pressure 1014 mbar, humidity 77%, temp 29.7°C	
20-Jul	0:00	5:00:00	1001			19308.sgd			Clear to begin, ramp up by PSOs	
	0:03	5:03:00	1001			19339.sgd			Stop firing (End of the line in Navipac)	
	0:07	5:07:00	1001			19340.sgd			Start firing	
	0:09	5:09:00	1001			19370.sgd			Both gun firing	
	0:13	5:13:00	1001		19391	19391.sgd			End of line1001, start new line on seismic controller	Jingxuan
20-Jul	1:21	6:21:00	1002	1		1.sgd			start of new line	
	1:36	6:36:00	1002	1		169.sgd			cross line 2 starting waypoint	
	1:39	6:39:00	1002			195.sgd			missed a shot	
	1:40	6:40:00	1002			206.sgd			missed a shot	
	1:46	6:46:00	1002			261.sgd			missed a shot	
	1:48	6:48:00	1002			298.sgd			missed a shot	
	1:50	6:50:00	1002			323.sgd			missed a shot	
	1:53:00	6:53:00	1002			348, 349.sgd			missed shots	
		5:00:00							After this point on, missed shots will be recorded in a separate excel file.	Jingxuan
20-Jul	missed time	#####	1002			2922	24.22	-87.32	crossed strike line 1	
	5:43:00	10:43:00	1002			N/A			PSOs begin watch	
	5:55:00	10:55:00	1002		3071	3071	24.216	-87.338	End of line 1002	
	5:55:00	10:55:00	1003	1					New line generated	
	6:43:00	11:43:00	1003	1		1			New line armed (recording)	
	6:43:00	11:43:00	1003			Note			We are 500 m off the line to avoid hazard	
	6:44:00	11:44:00	1003			8			GPS stopped attaching to shot records	
	6:46:00	11:46:00	1003			29			Restarted navigation software	
	missed time	#####	1003			46			GPS started working again (unknown reason why) - no GPS for records 8-46	
	6:52	11:52:00	1003			90			GPS broke again	
	6:53	11:53:00	1003			missed line			Missed the shot where we crossed the dip line 1002 - recorded in previous section of log and we are ~500 m west of that lat/long	
	6:54	11:54:27	1003			125			GPS back (no GPS for shots 90-125)	
	6:57	11:57:00	1003			156			GPS broke again	
	7:00	12:00:00	1003			172			GPS works again (no GPS for shots 156-172)	
	7:38	12:38:04	1003			188			Attempted to change out a cable to correct missed shots issue - records 614-619 have no shots (did not correct the error)	
	8:57	13:57:53	1003			1510			Kolby attempted to correct missed shots issue by changing the CTB (closure output) from low/high to high/low change did not work)	
	9:00	14:00:36	1003			1540			Kolby changed the CTB back to low/high and reduced the width from 10 to 5 ms (did not correct error so Kolby will try to contact software developers for help)	

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	9:20	14:20:00	1003			Discussion			Due to head current, our speed over ground (4.3-4.5 kts) is actually 6-7 kts through the water which is putting too much strain on the streamer - Kolby recommends reducing speed to see if that helps with the missed shots issue and reduce the leakage	
	9:30	14:30:00	1003			1860	24.032	-87.249	Speed reduced to 3.5-4 kts (this did not correct the issue)	
	11:21	16:21:38	1003			2971			Kolby tried changing the port from closure to TTL to correct missed shots issue (did not work and we lost records 2971-2978)	
	11:22	16:22:47	1003			2982			Missed shot due to Kolby switching the port back to closure	
	11:35	16:35:00	1003			3105			Slowed down again to 3 kts to see if that reduces the missed shots	
	11:52	16:52:21	1003			3220			Crossed dip line 9	
	12:00	17:00:00	1003			Weather update			Wind direction -49° (corrected 108°), wind speed 8.98 kts, pressure 1015.0 mbar, humidity 76%, temp 29.3°C, ocean state is calm with waves ~1 ft and almost no white caps	Patty
	12:48	17:48:00	1003			3736			Gun stopped firing, Navipac problem	
	12:54	17:54:00	1003			3738			Gun back online	
	13:07	18:07:00	1003			3877			sgd file failed write to disk because the ship is going too fast and storage cannot keep up. Missed a shot	
	13:07	18:07:00	1003			3880			Gun stop firing again	
	13:10	18:10:00	1003			3881			Gun back online	
	13:13	18:13:00	1003			3916			Gun stop firing again	
	13:15	18:15:00	1003			3917			Gun back online	
	13:22	18:22:00	1003			3995			sgd file failed save to disk	
	13:22	18:22:00	1003			3996			sgd file failed save to disk	
	13:26	18:26:00	1003			4023			sgd file failed save to disk	
	13:42	18:42:00	1003			4195			sgd file failed save to disk	
	14:50	19:50:00	1003			4855	23.7103	-87.114	Cross dip line 8	
	15:50	20:50:00	1003			N/A			Ship speed went down to 2 knots, the bridge was switching driving mode	
	15:51	20:51:00	1003			N/A			Ship speed back to 4 knots	
	18:14	23:14:00	1003			6988			sgd file failed save to disk	
	20:54	1:54:00	1003			8675	23.3096	-86.9463	Cross dip line 4	
	21:17	2:17:00	1003			8927			Gun stop firing	
	21:19	2:19:00	1003			8928			Brendan set up a warning for not firing over 15 m, this time we found the problem sooner than before	Jingxuan
21-Jul	1:07	6:07:00	1003	1		Weather update			Wind direction -41° (corrected 118°), wind speed 14.27 kts, pressure 1012.0 mbar, humidity 83%, temp 28.7°C, ocean state is relatively calm with higher amplitude waves	
	2:00	7:00:00	1003	1		N/A			Higher sea state noticeable	

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	2:15	7:15:00	1003	1		N/A			Brendan noticed two autofires for airgun (1,1), but we aren't sure when they occurred - may produce some noise in data (actual time recorded in airgun log). Brendan checked sea state with the bridge and they reported 1.8-2 m waves	
	2:39	7:39:00	1003	1		12243			Changed birds to 4-m depth target due to increased wave height (it was pushing the birds to the surface)	
	3:03	8:03:00	1003	1		12477			Cross dip line 6	
	3:24	8:24:00	1003	1		N/A			Heard loud noise coming from the compressors	
	3:25	8:25:00	1003	1		12700			Brendan reported a blown hose in one compressor and brought collection down to one airgun (ship speed dropped to < 4 kts)	
	4:04	9:04:00	1003	1		13061			Brendan reported compressor hose was replaced and brought second airgun back online (speed back up to 3.8-3.9 kts)	
	4:11	9:11:00	1003	1		N/A			Asked bridge to keep speed at 4.0 kts (trouble throughout shift with current affecting ship speed)	
	5:59	10:59:41	1003	1		N/A			airgun (1,1) autofire (time from airgun log) - no noticeable effect to data (it is just an extra shot with no data collected due to waves knocking airgun around)	
	6:33	11:33:00	1003	1		N/A			PSOs reported start of shift	
	6:40	11:40:22	1003	1		N			airgun (1,1) autofire (time from airgun log) - no noticeable effect to data (it is just an extra shot with no data collected due to waves knocking airgun around)	
	8:04	13:04:00	1003	1		N/A			Bird #5 dropped below 5 m water depth for a short while	
	8:14	13:14:47	1003	1		N/A			airgun (1,1) autofire (time from airgun log) - no noticeable effect to data (it is just an extra shot with no data collected due to waves knocking airgun around)	
	8:18	13:18:13	1003	1		N/A			airgun (1,1) autofire (time from airgun log) - no noticeable effect to data (it is just an extra shot with no data collected due to waves knocking airgun around)	
	8:36	13:36:27	1003	1		N/A			airgun (1,1) autofire (time from airgun log) - no noticeable effect to data (it is just an extra shot with no data collected due to waves knocking airgun around)	
	8:46	13:46:01	1003	1		N/A			airgun (1,1) autofire (time from airgun log) - no noticeable effect to data (it is just an extra shot with no data collected due to waves knocking airgun around)	

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	8:50	13:50:04	1003	1		N/A			airgun (1,1) autofire (time from airgun log) - no noticeable effect to data (it is just an extra shot with no data collected due to waves knocking airgun around)	
	9:08	14:08:51	1003	1		16188			Bird #1 dropped below 5 m water depth and then came back up to 4 m	
	9:11	14:11:52	1003	1		16217			Bird #1 dropped below 5 m water depth and then came back up to 4 m	
	9:12	14:12:37	1003	1		16224			Bird #2 dropped below 5 m	
	9:13	14:13:53	1003	1		16236			Bird #5 dropped below 5 m	
	9:15	14:15:00	1003	1		16247			Kolby changed bird target depth to 3 m	
	9:24	14:24:25	1003	1		16335			Changed back to 4 m water depth (strong currents keep birds from maintaining depth)	
	9:24	14:24:00	1003	1		N/A			Bridge reports strong currents shifting E to W, but they will try to maintain our speed and heading (birds continue to struggle to maintain target depth)	
	9:46	14:46:00	1003	1		16555			Bird #4 dropped below 5 m	
	10:00	15:00:06	1003	1		16679			Shot error in Navipac - shots stopped for ~30 seconds. We restarted the line in Navipac and the shots started firing again (lost ~1 min of data)	
	10:09	15:09:31	1003	1		16782			Ship speed was too high so Geometrics stopped saving data to the disk (missing records 16782-16785). We asked bridge to slow down and error disappeared.	
	10:12	15:12:09	1003	1		16810			Bird #1 below 5 m	
	10:27	15:27:47	1003	1		16967			Bird #4 below 5 m	
	10:19	15:19:36	1003	1		N/A			Unknown Navipac error - no known cause or impact to data/GPS/shots	
	11:50	16:50:57	1003	1		17790			Unknown Navipac error - "No data for offset number 114"	
	11:51	16:51:00	1003	1		17791			No data collection - noticed no shots due to error	
	11:52	16:52:34	1003	1		17792			Navipac line restarted and data collection resumed - Kolby looking into error on Jingxuan's watch	
	11:57	16:57:25	1003	1		N/A			autofire (1,1)	
	11:58	16:58:33	1003	1		N/A			autofire (1,1)	
	11:59	16:59:43	1003	1		18062?			Bird #1 below 5 m	Patty
21-Jul	12:05	17:05:00	1003						Sea state: 1 m waves. Wind direction: -53 (corrected 113); Wind speed: 9.54 knots; Pressure: 1013.7 mbar; Humidity: 80%; Temp: 28.9 C	
	12:08	17:08:00	1003						Switth Navipack from raw vessel position to filtered to try to resolve missed shot error	
	13:45	18:45:00	1003		18884	18884			End of line 1003	

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	14:00	19:00:00							Change of cruise plan because of limited time left. Stopped line1003, started the turn, heading to WP11 (old). Named new line 1004; two guns firing; realtime sgd-sgy conversion	
21-Jul	14:10	19:10:00	1004	1001		1001			Start of line 1004; Bird diving caused high noise in far offset channels (> 75)	
		5:00:00	1004				22.3142	-86.2855	Change line1004 direction due to miscommunication with the bridge	
		5:00:00	1004				22.237	-86.4947	Cross line 3 (1003)	
		5:00:00	1004			4238	22.4102	-86.1516	Cross line 1	
	20:44	1:44:00	1004		5207	5207			End of line 1004	
	20:58	1:58:00							Ship speed up to 7 knots over ground	
	21:00	2:00:00	1004A	1001		1001			Start of line 1004A	
									Switth to internal trigger, because Navipack frozen; Gun offline	
	22:09	3:09:00				1572			Gun back online	
	22:11	3:11:00				1582			Gun back online	
	22:20	3:20:00				1659			End of line 1004A	
21-Jul	22:49	3:49:00	1005	1001		1001			Start line 1005	
		5:00:00	1005			~1400			Cross line 1 (missed time)	Jingxuan
22-Jul	0:15	5:15:00	1005	1001		N/A			Bird display stopped working so we are manually checking bird depth occasionally	
	0:38	5:38:00	1005	1001		2182			Unknown Navipac error: "No data for offset number 114" - no noticeable impact to data	
	0:45	5:45:00	1005	1001		2281			Navipac error again (reset alarm)	
	1:04	6:04:00	1005	1001		2484			Changed bird depth to 4 m to reduce noise in the data	
	1:12	6:12:00	1005	1001		2573			Data are less noisy now	
	1:22	6:22:00	1005	1001		2686			Speed dropped to 4.2 kts for the compressors	
	1:53:56	6:53:56	1005	1001		3023			Gun 2 taken offline for oil maintenance on one compressor	
	1:59:06	6:59:06	1005	1001		3077			Gun 2 back online	
									After approval from Chris, we took one airgun offline for longer maintenance on one of the compressors - they needed to address a valve issue and it was probably better to do it now than wait 6 hrs for a turn	
	2:09:18	7:09:18	1005	1001		3184				
	2:45	7:45:00	1005	1001		N/A			speed dropped to 3.8 kts	
	2:47	7:47:00	1005	1001		N/A			speed back up to 4 kts	
	2:51	7:51:00	1005	1001		3611			Asked bridge to bring speed back up to 4.2 kts	
	2:56	7:56:00	1005	1001		3661			Speed back at 4 kts	
	3:12:26	8:12:26	1005	1001		3824			Compressor maintenance complete - second airgun back online	
	3:30	8:30:00	1005	1001		3805			Scour feature in seismic approximately at shot 3805	
	3:39	8:39:00	1005	1001		4107			Bird #3 below 5 m	
	3:43	8:43:00	1005	1001		N/A			Bird #3 back up to 4 m	
	4:20	9:20:00	1005	1001		4519			Spded dropped to 3.7 kts	
		5:00:00							speed back up to 4 kts	
	4:39	9:39:32	1005	1001		4716			Navipac error (same as before)	
	4:42:02	9:42:02	1005	1001		4743	22.508	-86.607	Crossed strike line 2	

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	4:54:48	9:54:48	1005	1001		4881			Navipac error (same as before) - couldn't reset the alarm for a while because the counts kept going up	
	4:58	9:58:00	1005	1001		N/A			Speed up at 4.8 kts - asked bridge to bring speed down to 4.2 kts	
	5:11	10:11:00	1005	1001		5055			Speed down to 3.9 kts	
	5:13	10:13:00	1005	1001		5070			Speed back up to 4.2 kts (trouble with the current and maintaining speed)	
	5:24:44	10:24:44	1005	1001		5194			Navipac error again (same as before)	
	5:32	10:32:00	1005	1001		5271			Navipac error again (same as before)	
	5:41	10:41:00	1005	1001		N/A			PSOs started watch	
	6:00	11:00:00	1005	1001		4975			Series of seafloor canyon/dune features (also show up in multibeam)	
	6:13	11:13:00	1005	1001		Weather update			Sea state: 1 m waves. Wind direction: 229° (corrected 125°); Wind speed: 3.06 kts; Pressure: 1013.1 mbar; Humidity: 83%; Temp: 28.5 °C (forgot to check at 0000)	
	6:47	11:47:00	1005	1001		6000			misfire on airgun (?) - one single missed shot, not missing data	
	8:22:03	13:22:03	1005	1001	7007	7007			End of line 1005	
	8:33	13:33:00	1005a	1001		N/A			Started 1005a (not armed yet) - Chris approved the use of one airgun for this turn line while we go at 7 kts with same shot spacing to give the compressors a break. We noticed that the hour of one airgun data from line 1005 did not reduce the resolution or depth penetration at this shallow depth. We will resume two airgun shots for line 1006.	
	8:35:25	13:35:25	1005a	1001		1001			Line 1005a armed (data collection started) - data collection began on turn so beginning of line is very noisy	Patty
	8:39:56	13:39:56	1005a	1001		1042			Speed increased to 6.5 kts over ground	
	8:54	13:54:00	1005a	1001		1160			Data is starting to look less noisy (birds maintaining 3 m depth)	
									End of line 1005a. Gun goes internal trigger. Start turning, loop turn.	
22-Jul	12:45	17:45:00	1005a		2986	2986				Jingxuan
22-Jul	13:24	18:24:00	1006	1001		1001			Start of line	
	13:27	18:27:00	1006			1032	22.8161	-87.0489	Cross line 1005a	
	17:07	22:07:00	1006			3449	22.9044	-86.7498	Cross line 1003	
	21:29	2:29:00	1006			6472	23.0211	-86.4244	Cross line 1001	
	22:08	3:08:00	1006		6909	6909			End of line, start turning	
22-Jul	22:52	3:52:00	1007	1001		1001			Start new line. Channel 5 broke during line 1006, now is 100% dead	
	23:40	4:40:00	1007			1545	23.0897	-86.4551	Cross line 1001	
23-Jul	2345	5:00:00	1007	1001		N/A	Weather update		Sea state: relatively calm; Wind direction 148° (corrected 78°), wind speed 3.77 kts, pressure 1016.2 mbar, humidity 79%, temp 29.1°C	

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	0:31	5:31:00	1007	1001		2114			Channel 5 is back up - still noisy, but not red anymore	
	1:00	6:00:00	1007	1001		2400			Noticed some scouring and large mound features in seismic image that starts around 2400 (water depth is ~940 m)	
	4:03:25	9:03:25	1007	1001		4442			Not saved to disk error for 1 record - our speed was not too fast, so it's possible the disk space may be too small. Brendan checked and we still have 365 GB of space left. If it happens again we may reconfigure on the turn.	
	4:03	9:03:00	1007	1001		4443-4446			Problem with shot sequence, several missed shots occurred simultaneously with disk space issue - possibly caused a glitch in Navipac	
	5:25:35	10:25:35	1007	1001		5356			Autofire (1,1) no data issue noticed	
	5:25	10:25:00	1007	1001		5353			Crossed strike line 2	
	5:28	10:28:00	1007	1001		5376			Noticed that Navipac is missing shot * on the map, but we did not see any missed shots in any other window and no data issues - possibly a Navipac glitch	
	5:40	10:40:00	1007	1001		N/A			PSOs started watch	
	5:50	10:50:00	1007	1001		N/A			Noticed there have been 8 autofires total on gun (1,1) since start of line 1007 + 2 more in the next ~5 min after writing this log entry	
	5:53	10:53:00	1007	1001		N/A			Asked bridge to speed back up to 4.5 kts (it dropped to 4.2 kts) - struggling to maintain speed prob due to current	
	6:22	11:22:00	1007	1001		N/A	Sea state		Sea state is relatively calm with <1 m waves and no white caps	
	7:32	12:32:00	1007	1001		N/A			Missing * again	
	7:41	12:41:03	1007	1001	6850	6850			Starting turn with slowdown to 4 kts and only one airgun running for oil maintenance in compressor - EOL	
	7:44	12:44:00	1008	1001		N/A			Generated a new line (disarmed)	
	8:03:26	13:03:26	1008	1001		1001			Line 1008 armed and data collection resumed with 2 guns	
	8:06	13:06:00	1008	1001		1029			Speed increased to 4.7 kts per Chris' request	
	8:23	13:23:00	1008	1001		N/A			Ch. 5 is still struggling - it's not dead but it's noisy and probably useless	
	8:40	13:40:00	1008	1001		1430			Ch. 5 dead	
	8:59	13:59:00	1008	1001		N/A			missed shot but no data issue observed	
	9:09	14:09:00	1008	1001		1758-1775			Series of errors saying "peak RMS for File" due to Ch. 5 issue - there were more shots with this error but not all were written down, just ignore them since ch. 5 is down	
	9:40	14:40:00	1008	1001		N/A			Ch. 5 back up	

Justo Sierra Seismic Log

Local day	Local time	GMT Time	Line name	Start shot #	End shot #	Output filename	Latitude	Longitude	Notes	Log entry by
	10:07	15:07:00	1008	1001		2435			Delta error on gun (1,2) and misfires on both guns simultaneously - no data issue observed	Patty
	10:12:35	15:12:35	1008	1001		2490	23.427	-86.989	Crossed strike line 2	
	10:42	15:42:00	1008	1001		2840			Missing * again	
	10:48	15:48:00	1008	1001		2900			Possible scour feature noticed within sediments at depth at record ~2900 - scour depth is ~840 m	
	11:09	16:09:00	1008	1001		3150			Asked bridge to bring speed back up to 4.7 kts (dropped down to 4.4 kts)	
23-Jul	15:26	20:26:00	1008						Slowing down/maintenance	Jingxuan
	15:29	20:29:00	1008			6241	23.8022	-86.7771	Crossing line 1001	
	19:00	0:00:00	1008		8778	8778			End of line 1008; start turning	
	19:23	0:00:00	1009			1001			Start of line 1009; diving birds to 3 m; ship speed 4.9 knots	
	10:02	15:02:00	1009			2914	23.9843	-86.8599	Crossing line 1001	
23-Jul	23:34	4:34:00	1009	1001		2830			Seafloor mound structure starting at 2830-2965	Patty
23-Jul	23:50	4:50:00	1009	1001		Weather update			Sea state: calm; Wind direction 264° (corrected 158°), wind speed 0.4 kts, pressure 1015.7 mbar, humidity 78%, temp 29.8°C	
24-Jul	0:15	5:15:00	1009	1001		4295			Some seafloor mounds that showed up on multibeam (dunes) starting at 4295	
24-Jul	1:03	6:03:00	1009	1001		5060			Some more mounds	
24-Jul	1:48:36	6:48:36	1009	1001		5674	23.894	-87.183	Crossed strike line 2	
	2:00	7:00:00	1009	1001		5736			Bumpy seafloor structure	
	2:24	7:24:00	1009	1001		6118			Noisy data - possibly have the carbonate platform outcropping to the seafloor	
	2:35:07	7:35:07	1009	1001	6252	6252			EOL	
	2:37	7:37:00							Noise and leakage tests	
		5:00:00							Not able to collect a CTD cast	