

Solomon1

DSSVPD Mapping Acquisition Log

Data Processing Log

Date	Time [UTC]	Line	Depth	SV used	LAT	LOn	COG [deg]	SOG [m/s]	Actions	Mapper	Notes	KMALL Copied	QIMERA Cleaned	ALL Converted	FMGT BS Mosaic	FMMW WCI
5/20/2019	12:26:00 AM	0000	8400	1543.2			77	4.8	Turn on Sonar	Cassie	Turn Sonar on, started new project SVP: W0A09_20190518.asvp, SV profile = 1543.6	YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	12:56:00 AM	0001								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	01:26:00 AM	0002								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	01:56:00 AM	0003								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	02:26:00 AM	0004								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	02:56:00 AM	0005								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	03:26:00 AM	0006								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	03:56:00 AM	0007								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	04:26:00 AM	0008								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	04:56:00 AM	0009								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	05:26:00 AM	0010								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	05:56:00 AM	0011								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	06:26:00 AM	0012								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	06:56:00 AM	0013								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	07:26:00 AM	0014								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	07:56:00 AM	0015	6975	1543.1	10:59.4S	164:11.6E	79	4.5		Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	08:26:00 AM	0016								Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	08:56:00 AM	0017	7039	1543						Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	09:26:00 AM	0018	7294	1543						Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	09:56:00 AM	0019								Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	10:26:00 AM	0020								Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	10:56:00 AM	0021	7233	1542.8	10:54.4S	164:38.1E	110	4.5		Masa	Changed Course of 110 deg (from 80 deg)	YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	11:26:00 AM	0022	7002	1542.8	10:55.6S	164:41.7E		0		Masa	Deployed ER Lander at 11:41 AM (10:55.6S, 164:41.7E, 6923 m).	YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	11:56:00 AM	0023	6499	1542.8	10:56.6S	164:44.9E	108	4.8		Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	12:26:00 PM	0024	6712	1542.8	10:57.5S	164:47.5E	107	4.8		Masa	Reduced the vessel speed, and stopped at 12:52 PM. Go to east again.	YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	12:56:00 PM	0025	6158	1542.9	10:58.7S	164:51.3E	108	4.4		Masa	Deployed GONZO at 13:25 (10:59.3S, 164:53.2E, 5993 m) Depth=6026 m @ 13:10, D=6005 @ 13:15, D=6008 @ 13:20, D=5980 @ 13:25	YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	01:26:00 PM	0026	6008	1542.8	10:59.2S	164:52.6E	287	5.4		Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	01:56:00 PM	0027	6563	1542.8	10:58.0S	164:49.0E	289	5.4		Masa	Reduced the vessel speed.	YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	02:26:00 PM	0028	6458	1542.8	10:56.6S	164:44.7E		0		Masa	Deployed DRAGON at 14:40 (10:57.0E, 164:44 , 6445 m) Depth=6458 m @ 14:30, D=6426 @ 14:35, D=6507 @ 14:40 Changed Sector Coverage 50/50 deg (from 45/45 deg)	YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	02:56:00 PM	0029	6655	1542.8	10:56.8S	164:46.0E	25	5.1		Masa	Night Mapping Started.	YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	03:26:00 PM	0030	5663	1542.8	10:53.2S	164:44.4E	289	5.5		Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	03:56:00 PM	0031	6669	1542.7	10:51.6S	164:39.8E	291	5.1		Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	04:26:00 PM	0032	6505	1542.8	10:51.8S	164:34.7E	202	4.9		Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	04:56:00 PM	0033								Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	05:26:00 PM	0034								Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	05:56:00 PM	0035								Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	06:26:00 PM	0036								Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	06:56:00 PM	0037	5336	1542.9	11:02.5S	164:50.5E	108	4.7		Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	07:26:00 PM	0038	5704							Masa		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	07:56:00 PM	0039								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	08:26:00 PM	0040								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	08:56:00 PM	0041								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	09:26:00 PM	0042								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	09:56:00 PM	0043								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	10:12:00 PM	0044								Cassie		YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/20/2019	10:42:00 PM	0045	5969	1542	10:59.2S	164:53.2E		4.6	Turn off Sonar	Cassie	Turned off pinging for lander recovery	YES	(SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	08:03:00 AM	0046	5865	1542.9	11:01.5S	164:54.5E	112	4.6	Turn on Sonar	Masa	Started recording. Night mapping lines. Changed Sector Coverage 45/45 deg (from 50/50 deg), due to rough sea state.	YES	(SolomonTrench_CUBE_200m)	YES	YES	-

5/21/2019	08:33:00 AM	0047	6397	1543			112	4.8		Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	09:03:00 AM	0048	6399	1543	11:05.0S	165:02.8E	114	5		Masa	Changed Course of 138 deg (from 110 deg)	YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	09:33:00 AM	0049										YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	10:03:00 AM	0050	6624	1543	11:13.0S	165:11.4E	138	4.5		Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	10:33:00 AM	0051								Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	11:03:00 AM	0052	6787	1543	11:18.5S	165:16.9E	137	4.6		Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	11:33:00 AM	0053								Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	12:03:00 PM	0054								Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	12:33:00 PM	0055	6748	1542.9						Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	01:03:00 PM	0056	7525	1542.7						Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	01:33:00 PM	0057	7423	1542.7	11:35.2S	165:34.1E	133	4.9		Masa	Sea state is rough...	YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	02:03:00 PM	0058	8266							Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	02:33:00 PM	0059	7987	1542.7	11:41.2S	165:40.4E	136	5		Masa	Changed Course of 270 deg (from 135 deg)	YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	03:03:00 PM	0060	7952	1542.7	11:42.0S	165:36.6E				Masa	Reduced the vessel speed, and stopped at 15:12Z. Deployed "ERLANDER" at 15:15Z (11:42.20S, 165:37.11E, 8305 m)	YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	03:33:00 PM	0061	7439	1542.7	11:41.9S	165:34.3E	270	5.4		Masa	Reduced the vessel speed, and stopped at 15:50Z. Deployed "DRAGON" at 15:58Z (11:42.3S, 165:34.0E, 7427 m)	YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	04:03:00 PM	0062	7422		11:42.2S	165:34.1E	270	5.4		Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	04:33:00 PM	0063	6381	1542.6	11:42.0S	165:28.5E				Masa	Reduced the vessel speed, and stopped at 16:40Z, but seafloor is too deep (6300-6400 m). Go to 5-mile southwest. Stopped at 16:57Z.	YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	05:03:00 PM	0064	5989		11:42.5S	165:27.34E				Masa	Deployed "GONZO" at 17:10Z (11:42.54S, 165:27.33E, 5949 m)	YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	05:33:00 PM	0065	6666	1542.6	11:41.1S	165:29.5E	59	4.7		Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	06:03:00 PM	0066	6800	1542.7	11:37.9S	165:29.9E	318	5.2		Masa	Night mapping lines again.	YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	06:33:00 PM	0067										YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	07:03:00 PM	0068										YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	07:33:00 PM	0069	6203	1542.9	11:24.4S	165:24.3E	53	4.7		Masa		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	08:03:00 PM	0070								Cassie		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	08:33:00 PM	0071								Cassie		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	09:03:00 PM	0072								Cassie		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	09:33:00 PM	0073								Cassie	Turning back toward landers	YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	10:03:00 PM	0074								Cassie		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	10:33:00 PM	0075								Cassie		YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-
5/21/2019	11:03:00 PM	0076	7686	1542	11:41.2S	165:33.6E	251	3.16		Cassie	Turned pinging off – at lander site	YES	YES (SolomonTrench_CUBE_200m)	YES	YES	-