

TransitTonga2

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	FMW WCI
5/28/2019	01:39:00 PM	0000							Turn on Sonar	Cassie	Changed project to TransitTonga2. Depth Setting = "Medium". SVP: WOA09_20190528.asvp, SV profile = 1534.0	YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	02:09:00 PM	0001										YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	02:39:00 PM	0002	4209	1532.8	24:54.7S	175:47.5W	132	5.3		Masa	Changed Depth Setting to "Deep". Changed Sector Coverage to 40/40 deg.	YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	03:09:00 PM	0003									no one operating	YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	03:39:00 PM	0004									no one operating	YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	04:09:00 PM	0005									no one operating	YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	04:39:00 PM	0006									no one operating	YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	05:09:00 PM	0007									no one operating	YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	05:39:00 PM	0008								Cassie	Turn onto trench line	YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	06:09:00 PM	0009								Cassie	weather still rough	YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	06:39:00 PM	0010								Cassie		YES	(Transit_Tonga_CUBE_100m)	NO	NO	-
5/28/2019	07:09:00 PM	0011								Cassie	Start Tonga survey lines. Depth Setting = "Very Deep".	YES	(Tonga_CUBE_200m)	NO	NO	-
5/28/2019	07:39:00 PM	0012								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/28/2019	08:09:00 PM	0013								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/28/2019	08:39:00 PM	0014								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/28/2019	09:09:00 PM	0015								Cassie	slowed to 9 kts	YES	(Tonga_CUBE_200m)	NO	NO	-
5/28/2019	09:39:00 PM	0016								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/28/2019	10:09:00 PM	0017								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/28/2019	10:39:00 PM	0018								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/28/2019	11:09:00 PM	0019								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/28/2019	11:39:00 PM	0020								Cassie	added SVP: WOA09_20190529.asvp, SV profile = 1532.9	YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	12:09:00 AM	0021	8750	1532	24.621S	175.162W	358	4.59		Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	12:39:00 AM	0022								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	01:09:00 AM	0023								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	01:39:00 AM	0024								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	02:09:00 AM	0025								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	02:39:00 AM	0026								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	03:09:00 AM	0027								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	03:39:00 AM	0028	9461	1533.6	24.078S	175.079W	11.6	4.51		Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	04:09:00 AM	0029								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	04:39:00 AM	0030								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	05:09:00 AM	0031								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	05:39:00 AM	0032								Cassie		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	06:09:00 AM	0033	10021	1533.4	23:45.0S	174:58.1W	14	4.2		Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	06:39:00 AM	0034	10007	1533.8	23:42.5S	174:57.4W	14	4.3		Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	07:09:00 AM	0035								Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	07:39:00 AM	0036	10173	1533.5	23:34.3S	174:53.5W	28	4.2		Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	08:09:00 AM	0037								Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	08:39:00 AM	0038	10235							Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	09:09:00 AM	0039	10258	1533.9	23:24.3S	174:47.9W	28	3.9		Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	09:39:00 AM	0040	10439							Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	10:09:00 AM	0041								Masa	Horizon Deep: (23:15.53S, 174:43.60W, 10800 m)	YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	10:39:00 AM	0042								Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	11:09:00 AM	0043	10521	1533.6	23:09.1S	174:39.4W	27	4.2		Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	11:39:00 AM	0044	10261							Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	12:09:00 PM	0045	10214	1533.5	23:02.5S	174:35.9W	28	4.3		Masa		YES	(Tonga_CUBE_200m)	NO	NO	-
5/29/2019	12:39:00 PM	0046								Masa		YES	(Tonga_CUBE_200m)	NO	NO	-

5/29/2019	01:09:00 PM	0047	8188	1533.4	23:01.55	174:25.5W	99	4.9		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	01:39:00 PM	0048	7317	1533.5	23:01.55	174:20.8W	47	1.2		Masa	Reduced Speed and stopped, due to lander deploy.	YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	02:09:00 PM	0049	7312	1533.5	23:01.25	174:20.5W				Masa	Deploy Lander (23:01.25, 174:20.5W, 7276 m). Start moving to the western survey line.	YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	02:39:00 PM	0050	8043	1533.4	23:00.15	174:24.8W	286	5.7		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	03:09:00 PM	0051	9768							Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	03:39:00 PM	0052								Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	04:09:00 PM	0053	8741	1533.4	22:58.35	174:40.1W	205	4.1		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	04:39:00 PM	0054	9320							Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	05:09:00 PM	0055	9128							Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	05:39:00 PM	0056	9256	1534.1	23:08.75	174:45.7W	205	4.2		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	06:09:00 PM	0057								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	06:39:00 PM	0058								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	07:09:00 PM	0059								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	07:39:00 PM	0060								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	08:09:00 PM	0061								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	08:39:00 PM	0062								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	09:09:00 PM	0063								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	09:39:00 PM	0064								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	10:09:00 PM	0065								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	10:39:00 PM	0066								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	11:09:00 PM	0067								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/29/2019	11:39:00 PM	0068								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	12:09:00 AM	0069								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	12:39:00 AM	0070								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	01:09:00 AM	0071								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	01:39:00 AM	0072	10100	1533	23:18.25	174:38.6W	25.3	4.25		Cassie	Launched XBT	YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	02:09:00 AM	0073								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	02:39:00 AM	0074	9286	1533.4	23:15.75	174:56.4W	25.8	4.21		Cassie	Added SVP: Tonga_edit2_05302019.asvp, SV profile = 1533.5	YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	03:09:00 AM	0075								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	03:39:00 AM	0076								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	04:09:00 AM	0077	8900							Cassie	lost bottom tracking at the end of the line	YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	04:39:00 AM	0078	7158	1533.8	23:01.95	174:33.4W	290	0.16	Turn off Sonar	Cassie	Turned off sonar for lander retrieval and pinging	YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	07:31:00 AM	0079							Turn on Sonar	Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	08:01:00 AM	0080	8945	1533.6	22:59.95	174:28.7W	8	5.3		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	08:31:00 AM	0081								Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	09:01:00 AM	0082	9584	1533.7	22:51.15	174:26.7W	30	4.1		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	09:31:00 AM	0083	9547				31	4.3		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	10:01:00 AM	0084								Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	10:31:00 AM	0085	9566							Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	11:01:00 AM	0086								Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	11:31:00 AM	0087	9310	1534.1	22:32.75	174:15.4W	32	4.2		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	12:01:00 PM	0088	9145							Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	12:31:00 PM	0089	9164							Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	01:01:00 PM	0090								Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	01:31:00 PM	0091	9098	1534.5	22:17.95	174:06.6W	30	4.3		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	02:01:00 PM	0092	9090							Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	02:31:00 PM	0093								Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	03:01:00 PM	0094								Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	03:31:00 PM	0095	8821	1534.1	22:03.85	173:58.9W	30	4.3		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-

5/30/2019	04:01:00 PM	0096	8994							Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	04:31:00 PM	0097	9378							Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	05:01:00 PM	0098	9343	1534.6	21:53.9S	173:53.4W	28	4.2		Masa		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	05:31:00 PM	0099								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	06:01:00 PM	0100								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	06:31:00 PM	0101								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	07:01:00 PM	0102								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	07:31:00 PM	0103								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	08:01:00 PM	0104								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	08:31:00 PM	0105								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	09:01:00 PM	0106								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	09:31:00 PM	0107								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	10:01:00 PM	0108								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	10:31:00 PM	0109								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	11:01:00 PM	0110								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/30/2019	11:31:00 PM	0111								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	12:01:00 AM	0112								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	12:31:00 AM	0113								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	01:01:00 AM	0114								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	01:31:00 AM	0115								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	02:01:00 AM	0116								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	02:31:00 AM	0117								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	03:01:00 AM	0118								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	03:31:00 AM	0119								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	04:01:00 AM	0120								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	04:31:00 AM	0121								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	05:01:00 AM	0122	9259	1536.6	20.41S	173.206W	27.3	4.6		Cassie	Switched line for turn out of Trench	YES	YES (Tonga_CUBE_200m)	NO	NO	-
5/31/2019	05:31:00 AM	0123								Cassie		YES	YES (Tonga_CUBE_200m)	NO	NO	-