

SOG 2017-04

PLANKTON NET TOW LOG SHEET

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Cruise #: 2017-52

Institution: PBS

Net#: 01

Month: JUN

Tow Type: Vertical VNH Bongo

Recorder: VJ

Flowmeter Serial#:

Event Number	Station Name	Day	Time	Time Code	Event Type	Latitude			Longitude			Bottom Depth	Target Depth	Wire Out	Wire Angle	Flowmeter Start	Flowmeter Finish	Sampling Condition*	Note
D	M	S	D	M	S														
002	1	19	2152	BE	CTD	49	15	000	123	47	360	408	250	250					
004	2	20	0725		↓		43	368	124	41	925	318							
005	↓		0735		NET			432		42	122	325	↓	↓	0	41680	44340	4	
009	5		1241		CTD		37	518		48	155	89	80	80					
010	↓		1250		NET			666			293	87	↓	↓	0	44348	45432	4	
014	8		1743		CTD		48	059		44	318	233	220	220					
015	A		1820		NET		47	953		43	967	221	210	210	0	46610	49235	4	1ST ATTEMPT FAILED REDONE
016	↓ B	↓	1841		↓			892			849	220	50	50		49235	49818	4	
018	9	21	0724		CTD		46	056		30	937	317	250	250					
019	↓		0802		NET		45	861		28	150	306	↓	↓	0	53120	56615	4	1ST ATTEMPT FAILED REDONE
025	14		1600		CTD		36	146		10	258	310	250	250					
026	↓	↓	1625		NET		35	395	↓	08	409	308	↓	↓	10	-	-	3	SHIP DRIFT 308 → 210° NET HIT BTM NO SAMPLE
029	16	22	0723		CTD		23	643	123	52	954	297	250	250					
030	↓	↓	0738		NET			554			948	291	↓	↓	0	59505	63330	4	
035	20	23	0735		CTD		14	668		41	246	391	250	250					
036	↓		0748		NET			447		40	670	↓	↓	↓	0	63510	66152	4	
043	26		1817		CTD		28	187		17	382	246	230	230					
044	↓	↓	1834		NET			096	↓		350	247	↓	↓	0	66158	68715	4	
046	27	24	0719		CTD		38	999	124	05	710	276	250	250					
047	↓		0741		NET	?	33	895			596	271	↓	↓	0	68715	71185	5	
051	30		1134		CTD		23	449		02	620	296	250	250					
052	↓	↓	1155		NET			377			460	298	↓	↓	0	71185	73983	4	
057	34	25	1731		CTD		36	528		20	009	324	250	250					
058	A		1806		NET		26	528			080	↓	↓	↓	0	73980	79385*	4	COD END FLIPPED REBONDED ENA NO RESET
059	↓ B	↓	1829	↓	↓			575	↓		992	320	50	50		79385	80800	4	

NOTES: 22 JUN HYDRAULIC FAILURE

CTD/ PLANKTON NET TOW LOG SHEET

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Cruise #: 2017-52

Institution: PBS

Net#: 01

Month:

Tow Type: Vertical VNH Bongo

Recorder:

LT/YJ

Flowmeter Serial#: 6069

Event Number	Station Name	Day	Time	Time Code	Event Type	Latitude			Longitude			Bottom Depth	Target Depth	Wire Out	Wire Angle	Flowmeter Start	Flowmeter Finish	Sampling Condition*	Note
						D	M	S	D	M	S								
064	38	25	1115	BE	CTD	49	27	189	124	37	381	114	100	100					
065	↓	↓	1125		NET			270			413	123	110	110	0	80800	81030	4	
071	43	26	0648		CTD		43	666		40	723	356	250	250					
072	↓		0719		NET	↓		642			465	↓			0	81030	86040	4	Peter Chandler Station 12
074	44		0700		CTD	50	00	581		52	851	271							
075	↓		0723		NET			566			652	276			10	86040	89980	4	
079	47		1104		CTD		11	344		44	895	430							
080	↓		1121		NET			437		45	011	429			0	89980	92765	4	
083	49		1443		CTD		17	873		47	060	442							
084	↓		1510		NET			999			467	415			0	92765	95150	4	
087	51		1829		CTD		15	294		59	888	496							
088	↓	↓	1852		NET			284	↓		764	493	↓	↓	0	95150	98075	4	
091	53	27	0826		CTD		02	629	125	07	261	258	245	215					
092	↓		0844		NET	↓		417			019	↓	↓	↓	0	98075	102260	4	
095	55		1214		CTD	49	56	884		04	265	286	250	250					
096	↓		1226		NET	↓		680			393	284	↓	↓	0	2260	4850	4	
100	58		1616		CTD	50	00	280		05	477	256	245	245					
101	↓	↓	1631		NET	↓		160			401	255	↓	↓	0	4850	17125*	4	
104	60	28	0720		CTD	49	53	432		04	583	114	100	100					
105	↓		0730		NET			492	↓		565	120	110	110	0	17215	18965	4	
109	63		1132		CTD		50	382	124	32	793	331	250	250					
110	↓		1144		NET			275			742	340			0	18965	21440	4	
115	67		1752		CTD		43	762		40	706	350							
116	↓ A		1807		NET			824	↓		757	↓	↓	↓	0	21440	23720	4	
117	↓ B	↓	1823	↓	↓	↓		916	↓		804	352	50	50		23720	24070	4	

NOTES:

*Sampling conditions are judged on a 0-5 scale. 0: cancelled due to weather/sea conditions; 1-4: sub-optimal due to conditions; 5: perfect sampling conditions. Bongo ends - A: flowmeter side, B/1.7/1.0/0.25 mm, frozen; B: non flowmeter side, picker

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Cruise #: 2017-52 Institution: PBS Net#: 01 Month: JUN ~~JUL~~ Tow Type: Vertical VNH Bongo Recorder: YJ/DC Flowmeter Serial#: 6069

Event Number	Station Name	Day	Time PST	Time Code	Event Type	Latitude			Longitude			Bottom Depth	Target Depth	Wire Out	Wire Angle	Flowmeter Start	Flowmeter Finish	Sampling Condition*	Note
						D	M	S	D	M	S								
119	68	29	0724	BE	CTD	49	24	268	123	44	879	160	150	150					
120	↓		0737		NET			349		45	025	159	↓	↓	0	24070	25065	4	
124	71		1205		CTD		19	102		37	634	277	250	250					
125	↓		1222		NET			040			631	280			0	25066	27022	4	
130	75		1726		CTD		11	323			580	361							
131	↓	↓	1741		NET			499			648	375	↓	↓	0	27022	29720	4	
133	76	30	0653		CTD		04	427		44	333	56	50	50					COWICHAN BAY
134	↓		0700		NET	↓		444			323	57	↓	↓	0	29720	30045	4	
138	79		1452		CTD	48	44	863		35	564	54	50	50					
139	↓		1503		NET			744			485	59	↓	↓	40	30045	30610	4	21
142	81		1707		CTD		42	448		30	408	73	65	65					
143	↓	↓	1717		NET			468			551	↓	↓	↓	0	30610	30990	4	
145	82	1	0805		CTD		51	904		09	407	146	140	140					GULF IS.
146	↓		0818		NET	↓		947			331	145	↓	↓	0	31010	31905	4	
151	86		1412		CTD	49	06	226		36	121	208	195	195					
152	↓		1424		NET			370	↓		271	203	↓	↓	30	31910	33730	4	
156	88		1800		CTD	49	09	097	123	29	031	320	250	250					
157	↓	↓	1814		NET			259			173	326	250	↓	20	33750	36266	4	
158	90	2	0843		CTD	49	11	006	123	19	062	129	120	120					
160	↓		0854		NET			036			171	132	120	↓		36266	37525	4	
163	92		1255		CTD	49	02	813	123	19	528	176	165	165					
164	↓	↓	1307		NET			03010			747	176	165	↓		37525	38408	4	
166	93	3	0822		CTD	B.D. 105	T.D. 090	W.D. 90	48	00	984	123	38	522					
170	96	1	1344		CTD	47	32	037	122	24	854	188	180	180					
175	100	↓	1825	↓	CTD	47	20	244	122	24	055	160	150	150					

NOTES:

*Sampling conditions are judged on a 0-5 scale. 0: cancelled due to weather/sea conditions; 1-4: sub-optimal due to conditions; 5: perfect sampling conditions; Bongo ends - A: flowmeter side, 8/1.7/1.0/0 25 mm, frozen; B: non flowmeter side, picker

CTD / PLANKTON NET TOW LOG SHEET

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Cruise #: 50612017-04
2017-52

Institution: PBS

Net#: 01

Month: JUL

Tow Type: Vertical VNH Bongo

Recorder: V. D. C.

Flowmeter Serial#: 6069

Event Number	Station Name	Day	Time ()	Time Code	Event Type	Latitude			Longitude			Bottom Depth	Target Depth	Wire Out	Wire Angle	Flowmeter Start	Flowmeter Finish	Sampling Condition*	Note
						D	M	S	D	M	S								
177	101	4	0652	BE	CTD	47	22	043	122	31	990	89	80	80					
180	103	↓	0859		CTD	47	30	150	122	29	454	100	90						
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NOTES:

*Sampling conditions are judged on a 0-5 scale. 0: cancelled due to weather/sea conditions; 1-4: sub-optimal due to conditions; 5: perfect sampling conditions. Bongo ends - A: flowmeter side, B/1 7/1.0/0.25 mm, frozen; B: non flowmeter side, picker.