

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

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Month <u>SEPT</u>				Year <u>2017</u>		Vessel <u>SEACREST</u>				Cruise ID <u>2017-78</u>					
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
001	QCSD 01	29	00:37	BE	CTD		50°58.77	127°50.84	130		-	1	H.M.	☐ ☐	CHL/NOES/SAL/DO
			00:43	EN			50°58.77	127°50.84		120	-			☐ ☐	
002	QCSD 01	29	00:47	BE	NET		50°58.71	127°50.66	130		-		H.M.	☐ ☐	BONGO
			00:52	EN			50°58.71	127°50.66		120	-			☐ ☐	
003	QCSD 01	29	01:10	BE	TRAWL		50°58.88	127°51.15	130		-			☐ ☐	TRAWL
			01:30	EN			50°58.88	127°51.15			-			☐ ☐	
004	QCSD 02	29	02:26	BE	TRAWL		51°00.04	127°53.65	119	-	-			☐ ☐	TRAWL
			02:46	EN			51°00.04	127°53.65			-			☐ ☐	
005	QCSD 03	29	03:37	BE	TRAWL		50°59.63	128°05.88	90	-	-			☐ ☐	TRAWL
			03:57	EN			50°59.63	128°05.88			-			☐ ☐	
006	QCSD 04	29	04:56		CTD		51°02.237	128°12.042	157		-	1	H.M.	☐ ☐	CTD/NISKIN
			05:02				51°02.237	128°12.042			-			☐ ☐	
007	QCSD 04	29	05:05		NET		51°02.199	128°12.051	155		-		H.M.	☐ ☐	BONGO
			05:10				51°02.199	128°12.051		145	-			☐ ☐	
008	QCSD 04	29	05:26	RE	TRAWL		51°02.052	128°12.834	148	-	-			☐ ☐	TRAWL
			05:46	EN			51°01.467	128°15.265	129		-			☐ ☐	
009	QCSD 05	29	06:42	BE	TRAWL		51°01.03	128°18.03			-			☐ ☐	TRAWL
			07:02	EN			51°01.03	128°18.03			-			☐ ☐	
			:				°	°			-			☐ ☐	

Event Type:

BOT = Bottle cast (no CTD)
CTD = Standalone CTD
ROS = CTD in Rosette
SET = Fish Set

LOOP = Sea Water Loop
MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter

Bottle Firing Method:

US = Up / Stop (default)
UN = Up / No stop
DN = Down / No stop

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

Produced by the Water Properties Group, IOS

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Version: 14 February 2013

Notes:

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Month <u>SEPT</u>			Year <u>2017</u>			Vessel <u>SEACREST</u>			Cruise ID <u>2017-78</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
010	QCSD 06	29	08:00	BE	TRAWL		51° 01.00	128° 25.71	104		-			☐ ☐	Trawl
			08:20	EN			51° 01.54	128° 25.73			-			☐ ☐	
011	QCSD 07	29	09:13	BE	TRAWL		51° 01.32	128° 31.40	89		-			☐ ☐	Trawl
			09:33	BO			50° 59.73	128° 33.29			-			☐ ☐	
012	QCSD 08	29	10:11		TRAWL		50° 58.162	128° 35.297	66		-			☐ ☐	Trawl
			10:31				50° 57.127	128° 36.488			-			☐ ☐	
013	QCSD 08	29	10:58		CTD		50° 56.672	128° 35.808	63		-			☐ ☐	CTD/Niskin
			11:01				50° 56.672	128° 35.808		50	-			☐ ☐	
014	QCSD 08	29	11:03		Bongo		50° 56.700	128° 35.710	63		-			☐ ☐	Bongo
			11:06				50° 56.700	128° 35.710		50	-			☐ ☐	
15	QCSD 01	30	07:25	BE	CTD	NOT	50° 57.980	128° 41.507	77		-			☐ ☐	CTD/Niskin
			07:29	EN		UTC	50° 57.980	128° 41.507		65	-			☐ ☐	
016	QCSD 09	30	07:31	BE	NGT		50° 58.007	128° 41.398	75		-			☐ ☐	Bongo
			07:35	BO			50° 58.007	128° 41.398		65	-			☐ ☐	
017	QCSD 09	30	07:48	BE	TRAWL		50° 58.393	128° 40.821	69		-			☐ ☐	Trawl
			08:08	EN			50° 59.735	128° 59.977	63		-			☐ ☐	
018	QCSD 10	30	09:09	BE	TRAWL		51° 04.426	128° 36.905	95		-			☐ ☐	Trawl
			09:29	EN			51° 05.665	128° 36.073	113		-			☐ ☐	
019	QCSD 11		10:21	BE	Trawl		51° 10.461	128° 33.865	180		-			☐ ☐	Trawl

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Month <u>SEPTEMBER</u>			Year <u>2017</u>			Vessel <u>SEA CREST</u>			Cruise ID <u>2017-78</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
		30	10:41	EV			51°11.849	128°33.976	195		-			☐ ☐	
020	QCSD 12	30	11:37	BG	CTD		51°15.325	128°32.717	190	180	-	1		☐ ☐	CTD/Niskin
			11:45	EN			51°15.325	128°32.717			-			☐ ☐	
021	QCSD 12	30	11:49	BG	Net		51°15.369	128°32.731	190		-			☐ ☐	Bongo
			11:57	EN			51°15.369	128°32.731		190	-			☐ ☐	
022	QCSD 12	30	12:12	BG	Trawl		51°16.014	128°32.249	183		-			☐ ☐	Trawl
			12:32	EN			51°17.263	128°31.446	130		-			☐ ☐	
023	QCSD 13	30	13:28	BG	Trawl		51°20.787	128°27.716	162		-			☐ ☐	Trawl
			13:48	EN			51°21.672	128°26.026	153		-			☐ ☐	
024	QCSD 14	30	14:41	BG	Trawl		51°26.040	128°23.668	164		-			☐ ☐	Trawl
			15:01	EN			51°27.377	128°23.042	174		-			☐ ☐	
025	QCSD 15	30	15:54	BG	Trawl		51°31.403	128°20.011	163		-			☐ ☐	Trawl
			16:17	EN			51°32.818	128°18.990	158		-			☐ ☐	
026	QCSD 16	30	17:10	BE	TRAWL		51°35.906	128°15.808	144		-			☐ ☐	Trawl
			17:29	EN			51°35.737	128°13.771	120		-			☐ ☐	
027	QCSD 16	30	17:52	BE	CTD		51°35.363	128°13.636	118		-	1		☐ ☐	CTD/Niskin
			17:58	EN			51°35.363	128°13.636		110	-			☐ ☐	
028	QCSD 16	30	18:00	BE	NET		51°35.276	128°13.584	119		-			☐ ☐	BONGO
			18:05	EN			51°35.276	128°13.584		105	-			☐ ☐	

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Month <u>OCTOBER</u>			Year <u>2017</u>			Vessel <u>SEACREST</u>			Cruise ID <u>2017-78</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
029	FH 1	1	00:36	BE	CTD		51°39.172	127°56.556	333		-			☐ ☐	CTD/Miskin
			00:45	EN			51°39.172	127°56.556		250	-			☐ ☐	
030		1	00:47	BE	NET		51°39.158	127°56.534	333		-			☐ ☐	Bongo
			00:56	EN			51°39.158	127°56.534		150	-			☐ ☐	
031		1	01:20	BE	TRAWL		51°40.730	127°57.713	323		-			☐ ☐	Trawl
			01:40	EN			51°42.101	127°58.680	293		-			☐ ☐	
032	HP 1	1	02:46	BG	Trawl		51°42.776	128°04.467	332		-			☐ ☐	Trawl
			03:06				51°43.340	128°02.361	156		-			☐ ☐	
033	HP 2		03:38	2	Trawl		51°44.330	128°00.074	193		-			☐ ☐	Trawl
			03:58	2			51°44.713	127°57.778	390		-			☐ ☐	
034	FH 2	1	04:18	BE	CTD		51°45.203	127°56.957	385		-	1		☐ ☐	CTD/Miskin
			04:28	EN			51°45.203	127°56.957		250	-			☐ ☐	
035	FH 2	1	04:30	BE	NET		51°45.075	127°56.894	384		-			☐ ☐	BONGO
			04:39	EN			51°45.075	127°56.894		250	-			☐ ☐	
036	FH 2	1	04:52	BE	TRAWL		51°45.461	127°56.978	385		-			☐ ☐	Trawl
			05:12	EN			51°46.652	127°57.917	381		-			☐ ☐	
037	FH 3	1	05:54	BG	Trawl		51°48.642	127°59.859	196		-			☐ ☐	Trawl
			06:14	EN			51°49.894	128°00.484	221		-			☐ ☐	
038	FH 4	1	06:57	BG	Trawl		51°52.627	127°58.560	317		-			☐ ☐	Trawl

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Month <u>OCTOBER</u>			Year <u>2017</u>			Vessel <u>SEACREST</u>			Cruise ID <u>2017-70</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
038	FH 04	1	07:17	EN			51°53.671	127°56.977	331		-			☐ ☐	
039	FH 05	1	08:00	BG	Trawl		51°55.051	127°55.030	168		-			☐ ☐	Trawl
			08:18	EN			51°55.055	127°53.372	136		-			☐ ☐	
040	FH 06	1	08:45	BG	Trawl		51°54.326	127°54.562	126		-			☐ ☐	Trawl
			09:05	EN			51°54.208	127°56.903	344		-			☐ ☐	
041	FH 06	1	09:36	BE	CTD		51°54.122	127°55.453	264		-			☐ ☐	CTD/niskin
			09:46	EN			51°54.122	127°55.453		250	-	1		☐ ☐	
042	FH 06	1	09:49	BE	NET		51°54.104	127°55.635	298		-			☐ ☐	BONGO
			09:59	EN			51°54.104	127°55.635		250	-			☐ ☐	
043	FH 07	2	00:23	BE	CTD		51°52.464	127°54.944	307		-			☐ ☐	CTD/niskin
			00:31	EN			51°52.464	127°54.944		250	-	1		☐ ☐	
044	FH 07	2	00:34	BE	NET		51°52.416	127°55.123	306		-			☐ ☐	Bongo
			00:42	EN			51°52.416	127°55.123		250	-			☐ ☐	
045	FH 07	2	00:59	BE	Trawl		51°51.606	127°55:220	288		-			☐ ☐	Trawl
			01:19	EN			51°50.217	127°55.200	316		-			☐ ☐	
046	FH 08	2	02:08	BE	Trawl		51°46.156	127°54.396	278		-			☐ ☐	Trawl
			02:28	EN			51°44.746	127°53.822	307		-			☐ ☐	
047	FH 09	2	03:04	BE	Trawl		51°42.452	127°55.335	342		-			☐ ☐	Trawl
			03:25	EN			51°40.936	127°54.991	340		-			☐ ☐	

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Month <u>OCTOBER</u>			Year <u>2017</u>			Vessel <u>SEACREST</u>			Cruise ID <u>2017-78</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
048	FH 10	Z	04:28	BC	TRAWL		51°38.585	127°52.537	222		-			☐ ☐	Trawl
			04:48	EN			51°37.129	127°52.401	206		-			☐ ☐	
049	FH 11	Z	05:44	BC	CTD		51°36.881	127°45.101	177		-			☐ ☐	CTD/miskin
			05:50	EN			51°36.881	127°45.101		165	-	1		☐ ☐	
050	FH 11	Z	05:52	BC	NET		51°36.902	127°45.076	177		-			☐ ☐	BONGO
			06:01	EN			51°36.902	127°45.076		165	-			☐ ☐	
051	FH 11	Z	06:30	BC	Trawl		51°36.828	127°45.427	182		-			☐ ☐	Trawl
			06:46	EN			51°36.749	127°47.334	209		-			☐ ☐	
052	FH 12	Z	07:22	BC	TRAWL		51°33.549	127°49.736	190		-			☐ ☐	TRAWL
			07:42	EN			51°32.484	127°50.315	176		-			☐ ☐	
053	FH 13	Z	08:20	BC	TRAWL		51°30.605	127°52.700	152		-			☐ ☐	
			08:44	EN			51°28.760	127°52.122	133		-			☐ ☐	
054	FH 14	Z	09:32	BC	CTD		51°30.240	127°47.313	76		-			☐ ☐	CTD/miskin
			09:36	EN			51°30.240	127°47.313		65	-	1		☐ ☐	
055	FH 14	Z	09:38	BC	NET		51°30.198	127°47.333	112		-			☐ ☐	BONGO
			09:42	EN			51°30.198	127°47.333		100	-			☐ ☐	
056	FH 14	Z	09:53	BC	Trawl		51°30.379	127°46.726	137		-			☐ ☐	Trawl
			10:13	EN			51°31.009	127°44.632	178		-			☐ ☐	
			:				°	°			-			☐ ☐	

Event Type:

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Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
057	Ri 1	3	00:23	BE	CTD		51°37.489	127°31.483	319		-			☐ ☐	CTD / Niskin
			00:35	EN			51°37.489	127°31.483		250	-	1		☐ ☐	
058	Ri 1	3	00:44	BE	NET		51°37.511	127°31.439	318		-			☐ ☐	Bongo
			00:55	EN			51°37.511	127°31.439		250	-			☐ ☐	
059	RI 1	3	01:14	BE	Trawl		51°37.384	127°31.225	317		-			☐ ☐	Trawl
			01:34	EN			51°36.092	127°32.417	326		-			☐ ☐	
060	RI 2	3	02:20	BE	Trawl		51°33.405	127°31.295	146		-			☐ ☐	Trawl
			02:40	EN			51°32.028	127°31.440	196		-			☐ ☐	
061	RI 3	3	03:14	BE	Trawl		51°31.077	127°33.921	325		-			☐ ☐	Trawl
			03:35	EN			51°29.635	127°34.954	317		-			☐ ☐	
062	RI 4	3	04:06	BE	Trawl		51°28.972	127°34.216	282		-			☐ ☐	Trawl
			04:26	EN			51°27.961	127°35.656	299		-			☐ ☐	
063	RI 5	3	05:00	BE	CTD		51°26.838	127°38.625	228		-			☐ ☐	CTD / Niskin
			05:07	EN			51°26.838	127°38.625		220	-	1		☐ ☐	
064	RI 5	3	05:09	BE	NET		51°26.767	127°38.905	218		-			☐ ☐	Bongo
			05:18	EN			51°26.767	127°38.905		205	-			☐ ☐	
065	RI 5	3	05:39	BE	Trawl		51°26.418	127°40.560	212		-			☐ ☐	Trawl
			05:59	EN			51°26.040	127°42.671	120		-			☐ ☐	
066	RI 6	3	06:36	BE	Trawl		51°23.961	127°45.295	94		-			☐ ☐	Trawl

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Month <u>October</u>				Year <u>2017</u>			Vessel <u>Seacrest</u>				Cruise ID <u>2017-78</u>				
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
066	R106	3	06:56	EN			51°23.334	127°47.317	77		-			☐ ☐	
067	QCSD17	3	07:26	BG	TRAWL		51°21.721	127°50.689	97		-			☐ ☐	Trawl
			07:46	EN			51°20.612	127°50.086	79		-			☐ ☐	
068	SS01	3	08:45	BG	Trawl		51°16.619	127°44.543	89		-			☐ ☐	Trawl
			09:05	EN			51°17.788	127°44.067	107		-			☐ ☐	
069	SS 02	3	09:34	BE	TRAWL		51°19.084	127°40.718	126		-			☐ ☐	Trawl
			09:54	EN			51°19.632	127°39.946	106		-			☐ ☐	
070	SS 02	3	10:15	BE	CTD		51°19.483	127°39.167	161		-			☐ ☐	CTD/NISKIN
			10:20	EN			51°19.483	127°39.167		150	-	1		☐ ☐	
071	SS 02	3	10:22	BE	NET		51°19.488	127°39.163	160		-			☐ ☐	BONGO
			10:28	EN			51°19.488	127°39.163		150	-			☐ ☐	
072	SS 03	4	00:32	BE	TRAWL		51°17.867	127°38.838	138		-			☐ ☐	Trawl
			00:53	EN			51°17.077	127°40.722	165		-			☐ ☐	
073	QCSD 18	4	02:03	BE	CTD		51°13.356	127°51.376	111		-			☐ ☐	CTD/NISKIN
			02:08	EN			51°13.356	127°51.376		100	-	1		☐ ☐	
074	QCSD 18	4	02:10	BE	NET		51°13.345	127°51.292	108		-			☐ ☐	Bongo
			02:15	EN			51°13.345	127°51.292		100	-			☐ ☐	
075	QCSD 18	4	02:28	BG	Trawl		51°12.704	127°50.950	108		-			☐ ☐	Trawl
			02:48	EN			51°10.926	127°50.057	100		-			☐ ☐	

Event Type:

BOT = Bottle cast (no CTD)
CTD = Standalone CTD
ROS = CTD in Rosette
SET = Fish Set

LOOP = Sea Water Loop
MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter

Bottle Firing Method:

US = Up / Stop (default)
UN = Up / No stop
DN = Down / No stop

Notes: _____

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

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Month <u>Oct</u>			Year <u>2017</u>			Vessel <u>SeaCrest</u>			Cruise ID <u>201778</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
076	QCSD 19	4	03:25	BG	Trawl		51°09.030	127°51.430	106		-			☐ ☐	Trawl
			03:45	EN			51°07.581	127°50.977	107		-			☐ ☐	
077	QCSD 20	4	04:40	BG	TRAWL		51°04.26	127°44.40	99		-			☐ ☐	TRAWL
			05:00	EN			51°02.890	127°44.362	95		-			☐ ☐	
078	QCSD 21	4	05:46	BG	CTD		51°02.567	127°39.278	198		-			☐ ☐	CTD/HISKIN
			05:52	EN			51°02.567	127°39.278		185	-	1		☐ ☐	
079	QCSD 21	4	05:55	BG	NET		51°02.570	127°39.380	200		-			☐ ☐	BONGO
			06:04	EN			51°02.570	127°39.380		190	-			☐ ☐	
080	QCSD 21	4	06:15	BG	Trawl		51°02.510	127°38.566	171		-			☐ ☐	Trawl
			06:35	EN			51°01.595	127°36.976	143		-			☐ ☐	
081	QCST 01	4	07:13	BG	TRAWL		50°59.181	127°34.057	142		-			☐ ☐	Trawl
			07:33	EN			50°58.028	127°32.875	162		-			☐ ☐	
082	QCST 02	4	08:17	BG	TRAWL		50°57.566	127°29.651	141		-			☐ ☐	TRAWL
			08:37	EN			50°56.668	127°28.175	143		-			☐ ☐	
083	QCST 02	4	08:59	BG	CTD		50°56.582	127°27.863	110		-			☐ ☐	CTD/HISKIN
			09:03	EN			50°56.582	127°27.863		100	-	1		☐ ☐	
084	QCST 02	4	09:05	BG	NET		50°56.654	127°27.902	100		-			☐ ☐	BONGO
			09:10	EN			50°56.654	127°27.902		90	-			☐ ☐	
			:				°	°			-			☐ ☐	

Event Type:

BOT = Bottle cast (no CTD)
CTD = Standalone CTD
ROS = CTD in Rosette
SET = Fish Set

LOOP = Sea Water Loop

MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter
___ =

Bottle Firing Method:

US = Up / Stop (default)
UN = Up / No stop
DN = Down / No stop

Notes:

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

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Month <u>OCTOBER</u>			Year <u>2017</u>			Vessel <u>SCACREST</u>			Cruise ID <u>2017-70</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
085	QCST03	5	00:35	BE	CTD		50°46.378	127°28.481	152		-			☐ ☐	CTD/Niskin
			00:40	EN			50°46.378	127°28.481		140	-	1		☐ ☐	
086	QCST 03	5	00:42	BE	NET		50°46.451	127°28.487	150		-			☐ ☐	Bongo
			00:46	EN			50°46.451	127°28.487		140	-			☐ ☐	
087	QCST 03	5	01:02	BE	TRAWL		50°46.882	127°29.418	374		-			☐ ☐	Trawl
			01:22	EN			50°47.308	127°31.895	337		-			☐ ☐	
088	QCST 04	5	02:11	BE	Trawl		50°49.099	127°38.585	364		-			☐ ☐	Trawl
			02:31	EN			50°49.563	127°40.465	354		-			☐ ☐	
089	QCST 05	5	03:46	BE	Trawl		50°53.972	127°39.142	430		-			☐ ☐	Trawl
			04:06	EN			50°53.355	127°37.241	431		-			☐ ☐	
090	QCST 06	5	04:46	BE	CTD		50°51.255	127°32.451	87		-			☐ ☐	CTD/Niskin
			04:49	EN			50°51.255	127°32.451		75	-	1		☐ ☐	
091	QCST 06	5	04:51	BE	Net		50°51.230	127°32.323	79		-			☐ ☐	Bongo
			04:55	EN			50°51.230	127°32.323		70	-			☐ ☐	
092	QCST 06	5	05:07	BE	Trawl		50°51.000	127°31.100	175		-			☐ ☐	Trawl
			05:28	EN			50°50.381	127°26.663	210		-			☐ ☐	
093	QCST 07	5	06:22	BE	Trawl		50°49.221	127°21.428	157		-			☐ ☐	Trawl
			06:37	EN			50°49.433	127°19.723	177		-			☐ ☐	
094	QCST 08	5	07:39	BE	Trawl		50°45.440	127°14.748	237		-			☐ ☐	Trawl

Event Type:

BOT = Bottle cast (no CTD)
CTD = Standalone CTD
ROS = CTD in Rosette
SET = Fish Set

LOOP = Sea Water Loop

MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter
 =

Bottle Firing Method:

US = Up / Stop (default)
UN = Up / No stop
DN = Down / No stop

Notes:

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

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Month <u>October</u>				Year <u>2017</u>			Vessel <u>SEACREST</u>			Cruise ID <u>2017-78</u>					
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Pressure	Max Cast Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
094	QCST08	5	07:54	EN	Trawl		50°44.373	127°14.303	206		-			☐ ☐	Trawl
095	QCST09	5	09:17	BE	Trawl		50°42.600	127°07.215	189		-			☐ ☐	Trawl
			09:32	EN			50°43.193	127°06.138	178		-			☐ ☐	
096	QCST10	5	10:27	BE	Trawl		50°44.499	127°01.621	165		-			☐ ☐	Trawl
			10:42	EN			50°44.983	127°03.213	184		-			☐ ☐	
097	QCST10	5	11:03	BE	CTD		50°45.029	127°04.242	203		-			☐ ☐	CTD/MUSHIM
			11:10	EN			50°45.029	127°04.242		190	-	1		☐ ☐	
098	QCST10	5	11:13	BE	NET		50°45.025	127°04.373	193		-			☐ ☐	BONGO
			11:21	EN			50°45.025	127°04.373		185	-			☐ ☐	
099	BR-1	6	00:40	BE	CTD		50°50.324	126°57.784	108		-			☐ ☐	CTD/MUSHIM
			00:44	EN			50°50.324	126°57.784		100	-	1		☐ ☐	
100	BR-1	6	00:51	BE	NET		50°50.440	126°57.864	140		-			☐ ☐	BONGO
			00:58	EN			50°50.440	126°57.864		120	-			☐ ☐	
101	BR1	6	01:22	BE	Trawl		50°50.730	126°56.627	180		-			☐ ☐	Trawl
			01:42	EN			50°51.408	126°54.943	102		-			☐ ☐	
102	BR2	6	02:42	BE	Trawl		50°53.691	126°47.794	125		-			☐ ☐	Trawl
			03:04	EN			50°53.093	126°45.235	237		-			☐ ☐	
103	BR3	6	03:37	BE	Trawl		50°52.797	126°44.603	200		-			☐ ☐	Trawl
			03:57	EN			50°51.982	126°42.762	250		-			☐ ☐	

Event Type:

BOT = Bottle cast (no CTD)
CTD = Standalone CTD
ROS = CTD in Rosette
SET = Fish Set

LOOP = Sea Water Loop

MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter

Bottle Firing Method:

US = Up / Stop (default)
UN = Up / No stop
DN = Down / No stop

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

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Month <u>OCTOBER</u>			Year <u>2017</u>			Vessel <u>SCACREST</u>			Cruise ID <u>2017-78</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Pressure	Max Cast Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
104	BR 4	6	04:48	BE	CTD		50° 52.572	126° 37.099	435		-			☐ ☐	CTD/Niskin
			04:56	EN			50° 52.572	126° 37.099		250	-	1		☐ ☐	
105	BR 4	6	04:58	BE	NET		50° 52.634	126° 37.105	436		-			☐ ☐	BONGO
			05:07	EN			50° 52.634	126° 37.105		250	-			☐ ☐	
106	BR 4	6	05:21	BG	Trawl		50° 52.920	126° 36.008	452		-			☐ ☐	Trawl
			05:42	EN			50° 53.676	126° 34.032	479		-			☐ ☐	
107	BR 5	6	06:39	BG	Trawl		50° 58.072	126° 30.178	462		-			☐ ☐	Trawl
			06:59	EN			50° 59.446	126° 30.872	376		-			☐ ☐	
108	BR 6	6	08:39	BG	Trawl		50° 55.708	126° 23.509	311		-			☐ ☐	Trawl
			08:59	EN			50° 55.830	126° 25.724	365		-			☐ ☐	
109	BR 7	6	09:41	BE	Trawl		50° 55.344	126° 31.111	480		-			☐ ☐	Trawl
			10:01	EN			50° 54.462	126° 32.857	480		-			☐ ☐	
110	BR 7	6	10:26	BE	CTD		50° 54.518	126° 32.706	479		-			☐ ☐	CTD/Niskin
			10:35	EN			50° 54.518	126° 32.706		250	-	1		☐ ☐	
111	BR 7	6	10:37	BG	Net		50° 54.590	126° 32.590	479		-			☐ ☐	Bongo
			10:46	EN			50° 54.590	126° 32.590		250	-			☐ ☐	
112	BR 8	7	00:31	BE	CTD		50° 48.276	126° 31.745	132		-			☐ ☐	CTD/Niskin
			00:36	EN			50° 48.276	126° 31.745		120	-	1		☐ ☐	
			:				.	.			-			☐ ☐	

Event Type:

BOT = Bottle cast (no CTD)
CTD = Standalone CTD
ROS = CTD in Rosette
SET = Fish Set

LOOP = Sea Water Loop
MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter

Bottle Firing Method:

US = Up / Stop (default)
UN = Up / No stop
DN = Down / No stop

Notes:

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

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Month <u>OCTOBER</u>			Year <u>2017</u>			Vessel <u>SEACREST</u>			Cruise ID <u>207-70</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Pressure	Max Cast Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
113	BR 8	7	00:39	BG	NET		50°48.224	126°31.691	135		-			☐ ☐	Bongo
			00:44	EN			50°48.224	126°31.691		120	-			☐ ☐	
114	BR 8	7	01:01	BG	TRAWL		50°48.360	126°31.300	151		-			☐ ☐	Trawl
			01:21	EN			50°48.487	126°28.993	186		-			☐ ☐	
115	BR 9	7	02:00	BG	Trawl		50°49.098	126°25.138	233		-			☐ ☐	Trawl
			02:20	EN			50°49.465	126°23.215	227		-			☐ ☐	
116	BR 10	7	03:11	BG	TRAWL		50°50.405	126°18.655	255		-			☐ ☐	Trawl
			03:31	EN			50°50.169	126°16.467	303		-			☐ ☐	
117	BR 11	7	04:16	BG	CTD		50°48.957	127°12.864	165		-			☐ ☐	CTD / rosin
			04:21	EN			50°48.957	127°12.864		150	-	1		☐ ☐	
118	BR 11	7	04:23	BG	NET		50°48.942	126°12.908	163		-			☐ ☐	Bongo
			04:29	EN			50°48.942	126°12.908		150	-			☐ ☐	
119	BR 11	7	04:47	BG	TRAWL		50°48.618	126°13.030	160		-			☐ ☐	Trawl
			05:07	EN			50°47.298	126°12.175	179		-			☐ ☐	
120	BR 12	7	07:01	BG	TRAWL		50°39.529	126°13.030	166		-			☐ ☐	Trawl
			07:21	EN			50°39.225	126°12.078	184		-			☐ ☐	
121	BR 13	7	08:17	BG	Trawl		50°38.095	126°21.345	211		-			☐ ☐	Trawl
			08:37	EN			50°38.025	126°23.411	232		-			☐ ☐	
			:				°	°			-			☐ ☐	

Event Type:

BOT = Bottle cast (no CTD)
CTD = Standalone CTD
ROS = CTD in Rosette
SET = Fish Set

LOOP = Sea Water Loop

MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter
=

Bottle Firing Method:

US = Up / Stop (default)
UN = Up / No stop
DN = Down / No stop

Notes:

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

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Month <u>OCTOBER</u>			Year <u>2017</u>			Vessel <u>SEACREST</u>			Cruise ID <u>2017-78</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Pressure	Max Cast Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
122	BE 14	7	09:12	BE	TRAWL		50° 38.107	126° 25.844	234		-			☐ ☐	Trawl
			09:32	EN			50° 38.047	126° 27.919	196		-			☐ ☐	
123	BE 14	7	10:05	BE	CTD		50° 37.910	126° 29.872	160		-			☐ ☐	CTD / MUSHKIN
			10:10	EN			50° 37.910	126° 29.872		150	-	1		☐ ☐	
124	BE A	7	10:20	BE	NET		50° 37.862	126° 29.611	153		-			☐ ☐	BONGO
			10:25	EN			50° 37.862	126° 29.611	121	110	-			☐ ☐	
125	QCST 11	8	00:31	BE	CTD		50° 36.980	126° 48.144	100		-			☐ ☐	CTD / MUSHKIN
			00:35	EN			50° 36.980	126° 48.144		90	-	1		☐ ☐	
126	QCST 11	8	00:37	BE	NET		50° 37.005	126° 48.126	106		-			☐ ☐	BONGO
			00:41	EN			50° 37.005	126° 48.126		90	-			☐ ☐	
127	QCST 11	8	01:01	BE	TRAWL		50° 37.762	126° 47.132	150		-			☐ ☐	Trawl
			01:21	EN			50° 39.039	126° 45.636	122		-			☐ ☐	
128	JS 1	8	02:56	BE	TRAWL		50° 32.266	126° 41.627	500		-			☐ ☐	Trawl
			03:16	EN			50° 31.508	126° 40.608	475		-			☐ ☐	
129	JS 2	8	04:38	BE	TRAWL		50° 30.301	126° 29.327	389		-			☐ ☐	Trawl
			04:58	EN			50° 29.887	126° 27.583	395		-			☐ ☐	
130	JS 3	8	05:42	BE	CTD		50° 29.290	126° 20.902	371		-			☐ ☐	CTD / MUSHKIN
			05:50	EN			50° 29.290	126° 20.902		250	-	1		☐ ☐	
			:				°	°			-			☐ ☐	

Event Type:

BOT = Bottle cast (no CTD)
CTD = Standalone CTD
ROS = CTD in Rosette
SET = Fish Set

LOOP = Sea Water Loop

MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter

Bottle Firing Method:

US = Up / Stop (default)
UN = Up / No stop
DN = Down / No stop

Notes:

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
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Month <u>OCTOBER</u>				Year <u>2017</u>			Vessel <u>SEA CREST</u>				Cruise ID <u>2017-78</u>				
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information		Bottom Pressure	Max Cast Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
131	JS 3	8	05:52	BE	NET		50° 29.276	126° 20.876	364		-			☐ ☐	Bongo
			06:02	EN			50° 29.276	126° 20.876		250	-			☐ ☐	
132	JS 3	8	06:16	BG	Trawl		50° 29.157	126° 20.19597	367		-			☐ ☐	Trawl
			06:36	EN			50° 29.021	126° 17.509	352		-			☐ ☐	
133	JS 4	8	07:39	BG	Trawl		50° 28.745	126° 07.022	230		-			☐ ☐	Trawl
			07:59	EN			50° 28.532	126° 04.968	259		-			☐ ☐	
134	JS 5	8	08:31	BG	Trawl		50° 27.059	126° 02.538	150		-			☐ ☐	Trawl
			08:52	EN			50° 26.230	126° 00.281	210		-			☐ ☐	
135	JS 6	8	10:37	BG	TRAWL		50° 22.049	125° 38.133	234		-			☐ ☐	Trawl
			10:55	EN			50° 22.354	125° 35.972	248		-			☐ ☐	
136	JS 7	8	11:29	BG	Trawl		50° 22.759	125° 34.522	237		-			☐ ☐	Trawl
			11:42	EN			50° 23.257	125° 33.417	105		-			☐ ☐	
137	JS 7	8	12:03	BG	CTD		50° 23.472	125° 32.849	45		-			☐ ☐	CTD/niskin
			12:06	EN			50° 23.472	125° 32.849		35	-	1		☐ ☐	
138	JS 7	8	12:07	BG	net		50° 23.452	125° 32.854	47		-			☐ ☐	Bongo
			12:10	EN			50° 23.452	125° 32.854		35	-			☐ ☐	
			:				°	°			-			☐ ☐	
			:				°	°			-			☐ ☐	
			:				°	°			-			☐ ☐	

Event Type:

BOT = Bottle cast (no CTD)
CTD = Standalone CTD
ROS = CTD in Rosette
SET = Fish Set

LOOP = Sea Water Loop
MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter

Bottle Firing Method:

US = Up / Stop (default)
UN = Up / No stop
DN = Down / No stop

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

Notes:

Produced by the Water Properties Group, IOS

WaterProperties.ca
Version: 20 April 2016