rb1904-SE |

rb1904-SE, all entries

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Summary | Threaded -- Author -- -- Instrument -- -- Action -- **167 Entries**

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Event	dateTimeUTC	GPS_Time	Instrument	Action	Transect	Station	Cast	Latitude	Longitude	Seafloor	Author	Comment
20190516.1427.001	20190512.1001	2019/05/12 10:01:42	Other	start	1a	NaN	NaN	41.523848	-70.672309		wZhang	Transect 1a (Southward) starts
20190512.1419.001	20190512.1340	2019/05/12 10:02:44	Ship	startCruise	NaN	NaN	NaN	41.523848	-70.672308		wZhang	leaving Woods Hole
20190512.1745.001	20190512.1420	2019/05/12 10:02:44	Underway Science Seawater Diaphragm	start	NaN	NaN	NaN	41.523848	-70.672308		tCrockford	
20190512.1746.001	20190512.1431	2019/05/12 10:02:44	IFCB continuous	start	NaN	NaN	NaN	41.523848	-70.672308		tCrockford	
20190512.1825.001	20190512.1439	2019/05/12 17:54:36	Attune Flowcytometer	start	NaN	NaN	NaN	40.789505	-70.840453		tCrockford	
20190512.1832.001	20190512.1510	2019/05/12 10:02:44	EIMS	start	NaN	NaN	NaN	41.523848	-70.672308		zSandwith	
20190512.1827.001	20190512.1520	2019/05/12 10:02:44	Underway Science Seawater Impeller	start	NaN	NaN	NaN	41.523848	-70.672308		tCrockford	
20190512.1826.001	20190512.1827	2019/05/12 18:27:02	Other	start	NaN	NaN	NaN	40.688931	-70.830162		tCrockford	Knudsen turned ON
20190512.2238.001	20190512.2137	2019/05/12 21:37:06	CTD	start	1	A5	1	40.471497	-70.832841		mSwartz	First stn 73m depth
20190516.1428.001	20190512.2137	2019/05/12 21:37:06	Other	start	1b	NaN	NaN	40.471497	-70.832841		wZhang	Transect 1b (Southward) starts
20190516.1519.001	20190512.2137	2019/05/12 21:37:06	Other	end	1a	A5	NaN	40.471497	-70.832841		zSandwith	
20190512.2241.001	20190512.2205	2019/05/12 22:05:06	CTD	stop	1	A5	001	40.471297	-70.842129		mSwartz	at surface. Bottle 14 fired but not closed.
20190513.0004.001	20190512.2324	2019/05/12 23:24:06	CTD	start	1	A6	002	40.398899	-70.832548		wZhang	
20190513.0005.001	20190512.2345	2019/05/12 23:45:06	CTD	stop	1	A6	002	40.396394	-70.843113		wZhang	bottle 14 didn't fire
20190513.0909.001	20190513.0109	2019/05/13 01:09:06	CTD	start	1	A7	003	40.336526	-70.831087		wZhang	Marshall at the CTD console
20190513.0910.001	20190513.0127	2019/05/13 01:27:06	CTD	stop	1	A7	003	40.338176	-70.832086		wZhang	Marshall at the CTD console
20190513.0911.001	20190513.0248	2019/05/13 02:48:05	CTD	start	1	A8	004	40.269393	-70.831515		wZhang	Marshall at the CTD console
20190513.0911.002	20190513.0304	2019/05/13 03:04:05	CTD	stop	1	A8	004	40.270624	-70.830810		wZhang	Marshall at the CTD console
20190513.0539.001	20190513.0451	2019/05/13	CTD	start	1	A9	005	40.204897	-70.829902		hOliver	

		04:51:51										
20190513.0521.001	20190513.0516	2019/05/13 05:16:06	Underway Science Seawater Impeller	TOI discrete	1	A9	5	40.206399	-70.830630		zSandwith	underway surface seawater at same time as cast surface
20190513.0541.001	20190513.0516	2019/05/13 05:16:51	CTD	stop	1	A9	005	40.206466	-70.830789		hOliver	
20190513.0741.001	20190513.0629	2019/05/13 06:29:51	CTD	start	1	A10	006	40.137148	-70.831844		hOliver	
20190513.0742.001	20190513.0717	2019/05/13 07:17:51	CTD	stop	1	A10	006	40.139697	-70.832386		hOliver	
20190513.0902.001	20190513.0819	2019/05/13 08:19:06	CTD	start	1	A11	007	40.072937	-70.834326		wZhang	
20190513.0903.001	20190513.0836	NaN	CTD	stop	1	A11	007	NaN	NaN		wZhang	
20190513.1552.001	20190513.1013	NaN	CTD	start	1	A12	008	NaN	NaN		wZhang	
20190513.1553.001	20190513.1039	NaN	CTD	stop	1	A12	008	NaN	NaN		wZhang	PAR data wrong (calibration issue)
20190513.1555.001	20190513.1301	NaN	CTD	start	1	A13	009	NaN	NaN		wZhang	PAR calbration issue solved
20190513.1556.001	20190513.1347	NaN	CTD	stop	1	A13	009	NaN	NaN		wZhang	
20190513.1651.001	20190513.1651	2019/05/13 16:51:55	CTD	stop	1	A13	010	39.944446	-70.827264		hOliver	
20190513.1811.001	20190513.1811	NaN	CTD	start	1	A14	011	NaN	NaN		hOliver	
20190513.1858.001	20190513.1858	NaN	CTD	stop	1	A14	011	NaN	NaN		hOliver	
20190513.1644.001	20190513.1919	NaN	CTD	start	1	A13	010	NaN	NaN		wZhang	
20190513.2028.001	20190513.2028	NaN	CTD	start	1	A15	012	NaN	NaN		hOliver	
20190513.2110.001	20190513.2048	NaN	CTD	stop	1	A15	012	NaN	NaN		hOliver	PAR reading was off. Marshall is working on it.
20190516.1521.001	20190513.2320	NaN	Other	end	1b	A16	NaN	NaN	NaN		zSandwith	GPS time is 2019/05/13 23:20:00
20190516.1434.001	20190514.0124	2019/05/14 01:24:35	Other	start	2b	NaN	NaN	39.976090	-70.736974		zSandwith	Transect 2b (Northward) True GPS time is 2019/05/14 06:46:00
20190516.1517.001	20190514.0646	2019/05/14 01:24:37	Other	end	2a	A5	NaN	39.976153	-70.736947		zSandwith	True GPS Time 2019/05/14 06:46:00
20190514.1016.001	20190514.1016	NaN	Other	start	3	A5	NaN	NaN	NaN		wZhang	Secchi disk deployment
20190516.1439.001	20190514.1053	2019/05/14 12:46:31	Other	start	3	A5	013	40.398403	-70.831737		zSandwith	Southward True GPS Time is 2019/05/14
20190514.1255.001	20190514.1120	2019/05/14 01:24:37	CTD	stop	3	A5	013	39.976153	-70.736947		wZhang	real cast finish time: 2019/05/14 11:20:00
20190514.1252.001	20190514.1246	2019/05/14	CTD	start	3	A5	013	40.398403	-70.831737		wZhang	real cast time:

		12:46:31										2019/05/14 10:53:00 (elog time wrong); before this cast, CDOM florometer was removed from rossett, CTD channel B7 no long receive CDOM data
20190516.1434.002	20190514.1246	2019/05/14 12:46:31	Other	end	2b	NaN	NaN	40.398403	-70.831737		zSandwith	Transect 2b (Station at A5) ends; True GPS time is 2019/05/14 10:53:00
20190514.1308.001	20190514.1308	2019/05/14 13:09:00	CTD	start	3	A6	014	40.397815	-70.831847		wZhang	
20190514.1328.001	20190514.1328	2019/05/14 13:28:20	CTD	stop	3	A6	014	40.399626	-70.833296		wZhang	zoop incubation
20190514.1359.001	20190514.1359	2019/05/14 13:59:16	MOCNESS	deploy	3	A6	NaN	40.401991	-70.830169		wZhang	zoop collection
20190514.1446.001	20190514.1446	2019/05/14 14:46:16	CTD	start	3	A6	015	40.415626	-70.817072		wZhang	zoop incubation water collection
20190514.1511.001	20190514.1511	2019/05/14 15:11:46	CTD	stop	3	A6	015	40.408421	-70.820461		zSandwith	zoop grazing water collection (14m);
20190516.2255.001	20190514.1535	2019/05/14 15:35:01	Grazing Incubation	start	3	A6	15	40.351559	-70.832875		cPetitpas	grazing incubation#2 start at 11:35 local at 56m in Front
20190514.1601.001	20190514.1601	2019/05/14 16:01:58	CTD	start	3	A7	16	40.335833	-70.832121		cXiao	c14 incubation
20190514.1622.001	20190514.1622	2019/05/14 16:22:26	CTD	stop	3	A7	16	40.335326	-70.833534		cXiao	c14 incubation
20190516.1441.001	20190514.1622	2019/05/14 16:22:31	Other	end	3	A7	016	40.335338	-70.833529		zSandwith	Transect 3 (Southward) end
20190516.1442.001	20190514.1622	2019/05/14 16:22:31	Other	start	4	A7	NaN	40.335338	-70.833529		zSandwith	Transect 4 (Northward) starts
20190516.1443.001	20190514.1750	2019/05/14 17:50:01	Other	end	4	A5	NaN	40.493328	-70.821226		zSandwith	Transect 4 (Northward) ends
20190516.1448.001	20190514.1750	2019/05/14 17:50:01	Other	start	5	A5	NaN	40.493328	-70.821226		zSandwith	Transect 5 (VPR-1 southward) starts
20190514.1753.001	20190514.1753	2019/05/14 17:53:24	towed VPR	deploy	5	A5	NaN	40.499695	-70.816910		hOliver	towed VPR-1

20190516.2249.001	20190514.1803	2019/05/14 18:03:31	Grazing Incubation	stop	1	A13	10	40.491831	-70.799066		cPetitpas	grazing incubation#1 breakdown at 14:03 local
20190514.2129.001	20190514.2129	2019/05/14 21:29:04	SUNA V2	change configuration	NaN	NaN	NaN	39.936486	-70.829301		tCrockford	miliQ ref cal update SNA1227I.CAL now being used
20190514.2352.001	20190514.2352	2019/05/14 23:52:34	towed VPR	recover	5	A18		39.638835	-70.784469		cXiao	
20190515.0030.001	20190515.0030	2019/05/15 00:30:34	CTD	start	6	A18	17	39.621838	-70.829875		cXiao	Marshall at the CTD console
20190516.1449.001	20190515.0030	2019/05/15 00:30:34	Other	end	5	A18	NaN	39.621838	-70.829875		zSandwith	Transect 5 (VPR-1 southward) ends
20190516.1452.001	20190515.0030	2019/05/15 00:30:34	Other	start	6	A18	017	39.621838	-70.829875		zSandwith	Transect 6 (Northward) starts
20190515.0104.001	20190515.0104	2019/05/15 01:04:47	CTD	stop	6	A18	17	39.620176	-70.826474		cXiao	Marshall at the CTD console
20190515.0205.001	20190515.0205	2019/05/15 02:05:52	CTD	start	6	A17	18	39.683675	-70.829319		cXiao	Marshall at the CTD console
20190515.0243.001	20190515.0243	2019/05/15 02:43:05	CTD	stop	6	A17	18	39.683846	-70.826959		cXiao	Marshall at the CTD console
20190515.0337.001	20190515.0337	2019/05/15 03:37:25	CTD	start	6	A16	19	39.748551	-70.830547		cXiao	Marshall at the CTD console
20190515.0414.001	20190515.0414	2019/05/15 04:14:05	CTD	stop	6	A16	019	39.749555	-70.830044		zSandwith	
20190515.0523.001	20190515.0523	2019/05/15 05:23:28	CTD	start	6	A15	020	39.814948	-70.830437		zSandwith	
20190515.0557.001	20190515.0557	2019/05/15 05:57:40	CTD	stop	6	A15	020	39.815072	-70.830374		zSandwith	
20190515.0654.001	20190515.0654	2019/05/15 06:54:05	CTD	start	6	A14	021	39.880384	-70.830173		zSandwith	
20190515.0730.001	20190515.0730	2019/05/15 07:30:31	CTD	stop	6	A14	021	39.880709	-70.832327		zSandwith	
20190515.0823.001	20190515.0823	2019/05/15 08:23:46	CTD	start	6	A13	022	39.944603	-70.830942		zSandwith	
20190515.0853.001	20190515.0853	2019/05/15 08:53:03	CTD	stop	6	A13	022	39.944916	-70.830503		zSandwith	
20190515.0941.001	20190515.0941	2019/05/15 09:41:34	CTD	start	6	A12	023	40.009548	-70.829943		zSandwith	
20190515.1007.001	20190515.1007	2019/05/15 10:07:53	CTD	stop	6	A12	023	40.010103	-70.830435		zSandwith	
20190515.1008.001	20190515.1008	2019/05/15 10:09:00	Underway Science Seawater Impeller	TOI discrete	NaN	A6	14	40.010119	-70.830424		zSandwith	underway surface seawater at same time as cast surface taken 5/14/19 13:30
20190515.1010.001	20190515.1010	2019/05/15	Underway	TOI discrete	6	A12	023	40.010104	-70.830401		zSandwith	underway

		10:10:04	Science Seawater Impeller									surface seawater at same time as cast surface taken 5/15/19 10:05 in duplicate
20190515.1102.001	20190515.1102	2019/05/15 11:02:05	CTD	start	6	A11	024	40.075603	-70.830387		zSandwith	
20190515.1120.001	20190515.1120	2019/05/15 11:20:35	CTD	stop	6	A11	024	40.075393	-70.830143		zSandwith	
20190515.1212.001	20190515.1212	2019/05/15 12:12:42	CTD	start	6	A10	025	40.137997	-70.832262		zSandwith	
20190515.1239.001	20190515.1239	2019/05/15 12:39:35	CTD	stop	6	A10	025	40.137251	-70.831761		zSandwith	
20190515.1426.001	20190515.1317	2019/05/15 13:16:56	MOCNESS	deploy	NaN	A10	3	40.143425	-70.831870		pAlatalo	
20190515.1427.001	20190515.1406	2019/05/15 14:05:56	MOCNESS	recover	NaN	A10	3	40.173879	-70.831722		pAlatalo	
20190515.1421.001	20190515.1421	2019/05/15 14:21:41	CTD	start	6	A10z	026	40.173779	-70.830423		zSandwith	zoop incubation Is actually halfway between A10 and A9; 56m water; start=15:10; stop=
20190515.1435.001	20190515.1435	2019/05/15 14:35:26	CTD	stop	6	A10z	026	40.174229	-70.830896		zSandwith	zoop incubation Is actually halfway between A10 and A9
20190516.0130.001	20190515.1510	2019/05/15 15:10:26	Grazing Incubation	start	6	A10z	026	40.198148	-70.829737		cPetitpas	grazing incubation#3 at 56m in Front
20190515.1531.001	20190515.1531	2019/05/15 15:31:48	CTD	start	6	A9	027	40.205247	-70.829214		zSandwith	
20190515.1604.001	20190515.1604	2019/05/15 16:04:04	CTD	stop	6	A9	27	40.204468	-70.830296		cXiao	Marshall at the CTD console
20190516.2300.001	20190515.1618	2019/05/15 16:17:55	Grazing Incubation	stop	3	A6	15	40.204774	-70.830092		cPetitpas	grazing incubation#2 breakdown at 12:18 local
20190515.1706.001	20190515.1706	2019/05/15 17:06:10	CTD	start	6	A8	28	40.268927	-70.831625		cXiao	Hilder at the CTD console
20190515.1736.001	20190515.1736	2019/05/15 17:36:07	CTD	stop	6	A8	28	40.268433	-70.833508		cXiao	Hilder at the CTD console
20190515.1859.001	20190515.1859	2019/05/15 18:59:45	CTD	start	6	A7	29	40.332970	-70.831981		cXiao	Marshall at the CTD console
20190515.1926.001	20190515.1926	2019/05/15 19:26:36	CTD	stop	6	A7	29	40.332749	-70.829547		cXiao	Hilder at the CTD console
20190515.2028.001	20190515.2028	2019/05/15	CTD	start	6	A6	30	40.401024	-70.830518		cXiao	Gordon at the

		20:28:11										CTD console
20190515.2049.001	20190515.2049	2019/05/15 20:49:54	CTD	stop	6	A6	30	40.401154	-70.830858		cXiao	Gordon at the CTD console
20190515.2141.001	20190515.2141	2019/05/15 21:41:41	CTD	start	6	A5	31	40.464729	-70.831839		cXiao	Gordon at the CTD console
20190515.2204.001	20190515.2204	2019/05/15 22:04:13	CTD	stop	6	A5	31	40.466425	-70.827074		cXiao	Gordon at the CTD console
20190516.1455.001	20190515.2228	2019/05/15 22:28:26	Other	end	6	A5	031	40.467624	-70.842698		zSandwith	Transect 6 (Northward) ends
20190516.1459.001	20190515.2228	2019/05/15 22:28:26	Other	start	7	A5	NaN	40.467624	-70.842698		zSandwith	Transect 7 (Westward) starts
20190516.1500.001	20190515.2350	2019/05/15 23:50:07	Other	end	7	EIMS W1	NaN	40.458421	-71.100498		zSandwith	Transect 7 (Westward) end
20190516.1505.001	20190515.2350	2019/05/15 23:50:07	Other	start	8	EIMS W1	NaN	40.458421	-71.100498		zSandwith	Transect 8 (Eastward) starts
20190516.0013.001	20190516.0005	2019/05/16 00:05:07	Underway Science Seawater Impeller	TOI discrete	8	NaN	NaN	40.464740	-71.044616		cXiao	
20190516.0023.001	20190516.0020	2019/05/16 00:20:07	Underway Science Seawater Impeller	TOI discrete	8	NaN	NaN	40.463911	-70.987434		cXiao	
20190516.0052.001	20190516.0034	2019/05/16 00:34:37	Underway Science Seawater Impeller	TOI discrete	8	NaN	NaN	40.462708	-70.932423		cXiao	
20190516.0053.001	20190516.0049	2019/05/16 00:49:07	Underway Science Seawater Impeller	TOI discrete	8	NaN	NaN	40.462504	-70.879469		cXiao	
20190516.0139.001	20190516.0104	2019/05/16 01:04:07	Underway Science Seawater Impeller	TOI discrete	8	NaN	NaN	40.464235	-70.824258		cXiao	
20190516.0140.001	20190516.0119	2019/05/16 01:19:22	Underway Science Seawater Impeller	TOI discrete	8	NaN	NaN	40.468204	-70.768003		cXiao	
20190516.0141.001	20190516.0134	2019/05/16 01:34:22	Underway Science Seawater Impeller	TOI discrete	8	NaN	NaN	40.474344	-70.713590		cXiao	
20190516.0211.001	20190516.0149	2019/05/16 01:49:07	Underway Science Seawater Impeller	TOI discrete	8	NaN	NaN	40.470239	-70.659753		cXiao	
20190516.0213.001	20190516.0203	2019/05/16 02:03:52	Underway Science Seawater Impeller	TOI discrete	9	NaN	NaN	40.468494	-70.605661		cXiao	

20190516.1506.001	20190516.0204	2019/05/16 02:04:07	Other	end	8	EIMS E1	NaN	40.468633	-70.604799		zSandwith	Transect 8 (Eastward) ends
20190516.1507.001	20190516.0204	2019/05/16 02:04:07	Other	start	9	EIMS E1	NaN	40.468633	-70.604799		zSandwith	Transect 9 (Southward) starts
20190516.0325.001	20190516.0237	2019/05/16 02:37:07	Underway Science Seawater Impeller	TOI discrete	9	NaN	NaN	40.389153	-70.605129		cXiao	
20190516.0327.001	20190516.0258	2019/05/16 02:58:52	Underway Science Seawater Impeller	TOI discrete	9	NaN	NaN	40.329272	-70.604902		cXiao	
20190516.0328.001	20190516.0321	2019/05/16 03:21:52	Underway Science Seawater Impeller	TOI discrete	9	NaN	NaN	40.264608	-70.606794		cXiao	
20190516.0348.001	20190516.0345	2019/05/16 03:45:07	Underway Science Seawater Impeller	TOI discrete	9	NaN	NaN	40.198268	-70.609382		cXiao	
20190516.0605.001	20190516.0408	2019/05/16 04:08:07	Underway Science Seawater Impeller	TOI discrete	9	NaN	NaN	40.131448	-70.609914		zSandwith	
20190516.0605.002	20190516.0426	2019/05/16 04:26:07	Underway Science Seawater Impeller	TOI discrete	9	NaN	NaN	40.080344	-70.612565		zSandwith	
20190516.0606.001	20190516.0453	2019/05/16 04:53:07	Underway Science Seawater Impeller	TOI discrete	9	NaN	NaN	40.004270	-70.610175		zSandwith	
20190516.0607.001	20190516.0516	2019/05/16 05:16:07	Underway Science Seawater Impeller	TOI discrete	10	NaN	NaN	39.944264	-70.610237		zSandwith	
20190516.1507.002	20190516.0516	2019/05/16 05:16:07	Other	end	9	EIMS E2	NaN	39.944264	-70.610237		zSandwith	Transect 9 (Southward) end
20190516.1509.001	20190516.0516	2019/05/16 05:16:07	Other	start	10	EIMS E2	NaN	39.944264	-70.610237		zSandwith	Transect 10 (Westward) starts
20190516.0607.002	20190516.0531	2019/05/16 05:31:07	Underway Science Seawater Impeller	TOI discrete	10	NaN	NaN	39.945276	-70.666834		zSandwith	
20190516.0608.001	20190516.0546	2019/05/16 05:46:07	Underway Science Seawater Impeller	TOI discrete	10	NaN	NaN	39.945284	-70.722194		zSandwith	
20190516.0608.002	20190516.0601	2019/05/16 06:01:07	Underway Science Seawater Impeller	TOI discrete	10	NaN	NaN	39.945190	-70.775456		zSandwith	

20190516.0732.001	20190516.0617	2019/05/16 06:17:07	Underway Science Seawater Impeller	TOI discrete	10	A13	NaN	39.945076	-70.831463		zSandwith	
20190516.0732.002	20190516.0631	2019/05/16 06:31:07	Underway Science Seawater Impeller	TOI discrete	10	NaN	NaN	39.946197	-70.879664		zSandwith	
20190516.0733.001	20190516.0646	2019/05/16 06:46:07	Underway Science Seawater Impeller	TOI discrete	10	NaN	NaN	39.945420	-70.932017		zSandwith	
20190516.0734.001	20190516.0702	2019/05/16 07:02:06	Underway Science Seawater Impeller	TOI discrete	10	NaN	NaN	39.945319	-70.988781		zSandwith	
20190516.0926.001	20190516.0716	2019/05/16 07:16:52	Other	start	11	EIMS W2	NaN	39.944164	-71.040024		zSandwith	Southeastward
20190516.1509.002	20190516.0716	2019/05/16 07:16:52	Other	end	10	EIMS W2	NaN	39.944164	-71.040024		zSandwith	Transect 10 (Westward) ends
20190516.0735.001	20190516.0717	2019/05/16 07:16:52	Underway Science Seawater Impeller	TOI discrete	10	NaN	NaN	39.944164	-71.040024		zSandwith	End transect 10
20190516.1512.001	20190516.0938	2019/05/16 09:37:53	Other	end	11	A18	NaN	39.621096	-70.830920		zSandwith	Southeastward
20190516.1008.001	20190516.1008	2019/05/16 10:08:08	CTD	start	11b	A13	032	39.620047	-70.830058		zSandwith	PP cast
20190516.1046.001	20190516.1008	2019/05/16 10:08:08	CTD	stop	11b	A13	032	39.620047	-70.830058		zSandwith	
20190516.1217.001	20190516.1218	2019/05/16 12:18:02	CTD	start	11b	A18	033	39.619448	-70.828786		zSandwith	Zoop grazing collection
20190516.1221.001	20190516.1218	2019/05/16 12:18:08	CTD	stop	11b	A18	033	39.619443	-70.828771		zSandwith	
20190516.1523.001	20190516.1237	2019/05/16 12:37:53	Other	start	12	A18	032	39.629063	-70.829331		zSandwith	Transect 12 (Northward) starts
20190516.2306.001	20190516.1252	2019/05/16 12:52:53	Grazing Incubation	start	12	A18	032	39.667458	-70.829266		cPetitpas	grazing incubation#4 start at 08:53 local with surface Slope water
20190516.1429.001	20190516.1430	NaN	Other	start	2a	NaN	NaN	NaN	NaN		wZhang	Transect 2a starts on 2019/05/13 23:20:00
20190516.1450.001	20190516.1450	2019/05/16 14:50:32	CTD	start	12	A12	034	40.009801	-70.831282		zSandwith	
20190516.2310.001	20190516.1528	2019/05/16 15:27:53	Grazing Incubation	stop	6	A10	026	40.009408	-70.832388		cPetitpas	grazing incubation#3 breakdown at 11:28 local
20190516.1532.001	20190516.1532	2019/05/16	CTD	stop	12	A12	034	40.009228	-70.832979		wZhang	productivity

		15:32:53										cast
20190516.1834.001	20190516.1835	2019/05/16 18:35:01	Other	start	13	A5	NaN	40.473593	-70.841121		wZhang	Transect 13 (southward vpr tow-2) starts
20190516.1835.001	20190516.1835	2019/05/16 18:35:37	towed VPR	deploy	13	A5	NaN	40.472767	-70.841954		wZhang	VPR tow-2
20190516.1916.001	20190516.1916	2019/05/16 19:17:00	Underway Science Seawater Impeller	IFCB discrete	NaN	NaN	UW1	40.383537	-70.860197		tCrockford	IFCB109 discrete off of TOI discrete tubing
20190513.1558.001	20190516.2225	NaN	MOCNESS	deploy	1	A13	MOCNESS-1	NaN	NaN		wZhang	Net 8, surface (100 micron): torn open, sample lost
20190514.1052.001	20190516.2242	NaN	Grazing Incubation	start	1	A13	10	NaN	NaN		cPetitpas	Exp 1 start 13:27 local; water from 17m on Shelf; added dilution WW and 10% treatment replicates to temp. control incubator
20190517.0023.001	20190517.0003	2019/05/17 00:03:55	towed VPR	recover	13	A16	NaN	39.737723	-70.832118		pAlatalo	VPR Tow2
20190517.0059.001	20190517.0059	2019/05/17 00:59:48	Other	end	13	A18	NaN	39.615895	-70.828545		wZhang	Transect 13 (southward vpr tow-2 + transit) ends at A18
20190517.0101.001	20190517.0101	2019/05/17 01:01:33	Other	start	14	A18		39.615917	-70.828182		wZhang	Transect 14 (northward) starts with CTD cast 035 at A18
20190517.0107.001	20190517.0107	2019/05/17 01:07:06	CTD	start	14	A18	35	39.615918	-70.827894		cXiao	Marshall at the CTD console
20190517.0151.001	20190517.0151	2019/05/17 01:51:03	CTD	stop	14	A18	35	39.617108	-70.829424		cXiao	Marshall at the CTD console
20190517.0303.001	20190517.0241	2019/05/17 02:41:55	CTD	start	14	A17	36	39.682778	-70.829146		cXiao	Marshall at the CTD console
20190517.0328.001	20190517.0328	2019/05/17 03:28:31	CTD	stop	14	A17	36	39.682245	-70.830755		cXiao	Marshall at the CTD console
20190517.0430.001	20190517.0430	2019/05/17 04:30:42	CTD	start	14	A16	037	39.751418	-70.831501		zSandwith	
20190517.0509.001	20190517.0509	2019/05/17 05:09:25	CTD	stop	14	A16	037	39.750724	-70.829744		zSandwith	Niskin 13 was half full by the time it was sampled. Bad seat on bottom cap?
20190517.0605.001	20190517.0605	2019/05/17 06:05:06	CTD	start	14	A15	038	39.814774	-70.830030		zSandwith	

20190517.0647.001	20190517.0647	2019/05/17 06:47:55	CTD	stop	14	A15	038	39.814819	-70.830413		zSandwith	Niskin 13 slight drip out of bottom cap o-ring when petcock pushed in on integrity check.
20190517.0745.001	20190517.0745	2019/05/17 07:45:49	CTD	start	14	A14	039	39.879878	-70.830142		zSandwith	
20190517.0745.002	20190517.0745	2019/05/17 07:45:52	CTD	start	14	A14	039	39.879881	-70.830140		zSandwith	
20190517.0819.001	20190517.0819	2019/05/17 08:19:56	CTD	stop	14	A14	039	39.880397	-70.830188		zSandwith	
20190517.0912.001	20190517.0912	2019/05/17 09:12:17	CTD	start	14	A13	040	39.944722	-70.831072		zSandwith	
20190517.0958.001	20190517.0958	2019/05/17 09:58:25	CTD	stop	14	A13	040	39.944692	-70.829283		zSandwith	1st niskin not fired at bottom but at 250m - realised after firing 1st bottle at 250. ctd continued up to 200m. decided to send back down to 300 and fired niskin 2. then fired niskin 3 at 250 on re-ascent. 1st bottle not sampled.
20190517.1043.001	20190517.1043	2019/05/17 10:43:25	CTD	start	14	A12	041	40.009961	-70.830639		zSandwith	
20190517.1112.001	20190517.1112	2019/05/17 11:12:03	CTD	stop	14	A12	041	40.009976	-70.829525		zSandwith	
20190517.1159.001	20190517.1159	2019/05/17 11:59:45	CTD	start	14	A11	042	40.074001	-70.830237		zSandwith	

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