

Cruise Summary For FOCI Cruise DY16-10 (DY16-10)

Cruise Summary

Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-09-25	05:37	1	1	CTD001	160	54 20.21 N	169 25.99 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	
2016-09-25	06:02	1	2	BON001	154	54 19.91 N	165 25.75 W	60BON	QTowF	
2016-09-25	06:02	1	2	BON001	154	54 19.91 N	165 25.75 W	60BON	Discard	
2016-09-25	06:02	1	2	BON001	154	54 19.91 N	165 25.75 W	20BON	QTowF	
2016-09-25	06:02	1	2	BON001	154	54 19.91 N	165 25.75 W	20BON	Discard	
2016-09-25	06:02	1	2	BON001	154	54 19.91 N	165 25.75 W	CAT	CAT	
2016-09-25	07:15	2	1	CTD002	174	54 22.6 N	165 17.32 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-25	08:19	3	1	CTD003	122	54 25.8 N	165 8.08 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-25	08:43	3	2	BON002	124	54 25.6 N	165 7.93 W	60BON	QTowF	
2016-09-25	08:43	3	2	BON002	124	54 25.6 N	165 7.93 W	20BON	QTowF	
2016-09-25	08:43	3	2	BON002	124	54 25.6 N	165 7.93 W	20BON	RCountZ	
2016-09-25	08:43	3	2	BON002	124	54 25.6 N	165 7.93 W	60BON	RCountZ	
2016-09-25	08:43	3	2	BON002	124	54 25.6 N	165 7.93 W	CAT	CAT	
2016-09-25	09:44	4	1	CTD004	41	54 26.68 N	164 58.93 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-25	09:54	4	2	BON003	47	54 26.83 N	164 58.86 W	60BON	QTowF	
2016-09-25	09:54	4	2	BON003	47	54 26.83 N	164 58.86 W	60BON	Discard	
2016-09-25	09:54	4	2	BON003	47	54 26.83 N	164 58.86 W	20BON	Discard	
2016-09-25	09:54	4	2	BON003	47	54 26.83 N	164 58.86 W	CAT	CAT	
2016-09-25	09:54	4	2	BON003	47	54 26.83 N	164 58.86 W	20BON	QTowF	
2016-09-25	22:15	5	1	CTD005	75	56 39.91 N	163 52.23 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-25	22:30	5	2	BON004	75	56 39.73 N	163 52.24 W	60BON	QTowF	60Bon net 1 two 3 inch jellies rinsed and removed.
2016-09-25	22:30	5	2	BON004	75	56 39.73 N	163 52.24 W	60BON	Discard	60Bon net 1 two 3 inch jellies rinsed and removed.
2016-09-25	22:30	5	2	BON004	75	56 39.73 N	163 52.24 W	20BON	Discard	60Bon net 1 two 3 inch jellies rinsed and removed.
2016-09-25	22:30	5	2	BON004	75	56 39.73 N	163 52.24 W	CAT	CAT	60Bon net 1 two 3 inch jellies rinsed and removed.
2016-09-25	22:30	5	2	BON004	75	56 39.73 N	163 52.24 W	20BON	QTowF	60Bon net 1 two 3 inch jellies rinsed and removed.
2016-09-27	14:19	6	1	BON005	73	56 51.38 N	164 4.67 W	60BON	QTowF	
2016-09-27	14:19	6	1	BON005	73	56 51.38 N	164 4.67 W	60BON	RCountZ	
2016-09-27	14:19	6	1	BON005	73	56 51.38 N	164 4.67 W	20BON	QTowF	
2016-09-27	14:19	6	1	BON005	73	56 51.38 N	164 4.67 W	20BON	RCountZ	
2016-09-27	14:19	6	1	BON005	73	56 51.38 N	164 4.67 W	CAT	CAT	
2016-09-27	14:39	6	2	CTD006	72	56 51.98 N	164 4.14 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Cast#1 @ M2 center
2016-09-27	15:02	6	3	CTD007	72	56 51.91 N	164 3.67 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Cast #2 @ M2 center. There are 10 chlor samples but I had to say there were 11 so I could enter the nutrient sample on the last depth. CH

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Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-09-27	15:28	6	4	BON200	72	56 52.0 N	164 4.39 W	CALVET	QTowF	nets 1&2 combined. Fastcat file name BON200.
2016-09-27	15:28	6	4	BON200	72	56 52.0 N	164 4.39 W	CALVET	QTowF	nets 1&2 combined. Fastcat file name BON200.
2016-09-27	15:28	6	4	BON200	72	56 52.0 N	164 4.39 W	CAT	CAT	nets 1&2 combined. Fastcat file name BON200.
2016-09-27	15:47	6	5	BON201	72	56 51.99 N	164 4.26 W	CALVET	QTowF	Nets 1 & 2 combined. Outer mesh came up hung up on net 1. Fastcat file named BON201.
2016-09-27	15:47	6	5	BON201	72	56 51.99 N	164 4.26 W	CALVET	QTowF	Nets 1 & 2 combined. Outer mesh came up hung up on net 1. Fastcat file named BON201.
2016-09-27	15:47	6	5	BON201	72	56 51.99 N	164 4.26 W	CAT	CAT	Nets 1 & 2 combined. Outer mesh came up hung up on net 1. Fastcat file named BON201.
2016-09-27	15:59	6	6	BON202	72	56 51.98 N	164 4.17 W	CALVET	QTowF	Nets 1 & 2 combined. Fastcat file BON202.
2016-09-27	15:59	6	6	BON202	72	56 51.98 N	164 4.17 W	CALVET	QTowF	Nets 1 & 2 combined. Fastcat file BON202.
2016-09-27	15:59	6	6	BON202	72	56 51.98 N	164 4.17 W	CAT	CAT	Nets 1 & 2 combined. Fastcat file BON202.
2016-09-27	17:06	7	1	CTD008	69	56 56.53 N	163 49.82 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-27	17:22	7	2	BON006	69	56 56.43 N	163 50.02 W	60BON	QTowF	60Bon net 1 had two 3 inch jellies rinsed and removed.
2016-09-27	17:22	7	2	BON006	69	56 56.43 N	163 50.02 W	60BON	Discard	60Bon net 1 had two 3 inch jellies rinsed and removed.
2016-09-27	17:22	7	2	BON006	69	56 56.43 N	163 50.02 W	20BON	QTowF	60Bon net 1 had two 3 inch jellies rinsed and removed.
2016-09-27	17:22	7	2	BON006	69	56 56.43 N	163 50.02 W	20BON	Discard	60Bon net 1 had two 3 inch jellies rinsed and removed.
2016-09-27	17:22	7	2	BON006	69	56 56.43 N	163 50.02 W	CAT	CAT	60Bon net 1 had two 3 inch jellies rinsed and removed.
2016-09-27	18:51	8	1	CTD009	68	57 1.06 N	164 13.05 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Lisa Eisner primary produciton experiment #2. Also collected phyto sample at 10m.
2016-09-27	19:03	8	2	BON007	68	57 0.92 N	164 13.53 W	60BON	QTowF	
2016-09-27	19:03	8	2	BON007	68	57 0.92 N	164 13.53 W	60BON	Discard	
2016-09-27	19:03	8	2	BON007	68	57 0.92 N	164 13.53 W	20BON	QTowF	
2016-09-27	19:03	8	2	BON007	68	57 0.92 N	164 13.53 W	20BON	Discard	
2016-09-27	19:03	8	2	BON007	68	57 0.92 N	164 13.53 W	CAT	CAT	
2016-09-27	20:35	9	1	CTD010	73	56 45.89 N	164 20.37 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Lisa Eisner primary production experiment #3. Phyto sample at 10m. Weird salinity trace @ thermocline.
2016-09-27	21:09	9	2	BON008	73	56 45.93 N	164 19.87 W	60BON	QTowF	
2016-09-27	21:09	9	2	BON008	73	56 45.93 N	164 19.87 W	60BON	RCountZ	
2016-09-27	21:09	9	2	BON008	73	56 45.93 N	164 19.87 W	20BON	QTowF	
2016-09-27	21:09	9	2	BON008	73	56 45.93 N	164 19.87 W	20BON	RCountZ	
2016-09-27	21:09	9	2	BON008	73	56 45.93 N	164 19.87 W	CAT	CAT	
2016-09-27	22:14	10	1	CTD011	73	56 48.6 N	164 35.03 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	

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Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-09-27	23:25	11	1	CTD012	71	56 54.75 N	164 49.39 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Sal looks odd.
2016-09-27	23:41	11	2	BON009	72	56 54.47 N	164 49.53 W	20BON	QTowF	
2016-09-27	23:41	11	2	BON009	72	56 54.47 N	164 49.53 W	20BON	Discard	
2016-09-27	23:41	11	2	BON009	72	56 54.47 N	164 49.53 W	60BON	QTowF	
2016-09-27	23:41	11	2	BON009	72	56 54.47 N	164 49.53 W	60BON	Discard	
2016-09-27	23:41	11	2	BON009	72	56 54.47 N	164 49.53 W	CAT	CAT	
2016-09-28	00:51	12	1	CTD013	74	56 51.61 N	165 7.0 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-28	02:12	13	1	CTD014	72	56 59.59 N	165 22.4 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-28	02:23	13	2	BON010	72	56 59.41 N	165 22.01 W	60BON	QTowF	
2016-09-28	02:23	13	2	BON010	72	56 59.41 N	165 22.01 W	60BON	RCountZ	
2016-09-28	02:23	13	2	BON010	72	56 59.41 N	165 22.01 W	20BON	QTowF	
2016-09-28	02:23	13	2	BON010	72	56 59.41 N	165 22.01 W	20BON	RCountZ	
2016-09-28	02:23	13	2	BON010	72	56 59.41 N	165 22.01 W	CAT	CAT	
2016-09-28	03:44	14	1	CTD015	70	57 6.24 N	165 36.28 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-28	04:59	15	1	BON011	69	57 15.74 N	165 44.35 W	60BON	QTowF	High jellyfish abundance in 60 cm Bongo nets
2016-09-28	04:59	15	1	BON011	69	57 15.74 N	165 44.35 W	60BON	Discard	Lots of jellies in 60 cm Bongo.
2016-09-28	04:59	15	1	BON011	69	57 15.74 N	165 44.35 W	20BON	QTowF	Lots of jellies in 60 cm Bongo.
2016-09-28	04:59	15	1	BON011	69	57 15.74 N	165 44.35 W	20BON	Discard	Lots of jellies in 60 cm Bongo.
2016-09-28	04:59	15	1	BON011	69	57 15.74 N	165 44.35 W	CAT	CAT	Lots of jellies in 60 cm Bongo.
2016-09-28	05:35	15	2	CTD016	69	57 15.43 N	165 44.43 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-28	06:46	16	1	CTD017	68	57 19.21 N	166 0.23 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-28	08:16	17	1	CTD018	69	57 19.23 N	166 19.37 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	
2016-09-28	08:28	17	2	BON012	69	57 18.94 N	166 49.38 W	CAT	CAT	
2016-09-28	08:28	17	2	BON012	69	57 18.94 N	166 19.38 W	60BON	QTowF	
2016-09-28	08:28	17	2	BON012	69	57 18.94 N	166 19.38 W	60BON	RCountZ	
2016-09-28	08:28	17	2	BON012	69	57 18.94 N	166 19.38 W	20BON	QTowF	
2016-09-28	08:28	17	2	BON012	69	57 18.94 N	166 19.38 W	20BON	RCountZ	
2016-09-28	09:38	18	1	CTD019	68	57 26.28 N	166 30.75 W	CTDB	PAR, Chlor, Nut, oxygen, Fluor	
2016-09-28	11:00	19	1	CTD020	70	57 25.86 N	166 48.71 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-28	11:12	19	2	BON013	69	57 25.67 N	166 48.79 W	60BON	QTowF	
2016-09-28	11:12	19	2	BON013	69	57 25.67 N	166 48.79 W	60BON	Discard	
2016-09-28	11:12	19	2	BON013	69	57 25.67 N	166 48.79 W	20BON	QTowF	
2016-09-28	11:12	19	2	BON013	69	57 25.67 N	166 48.79 W	20BON	Discard	
2016-09-28	11:12	19	2	BON013	69	57 25.67 N	166 48.79 W	CAT	CAT	
2016-09-28	12:33	20	1	CTD021	70	57 31.37 N	167 2.16 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	

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Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-09-28	14:00	21	1	CTD022	71	57 29.99 N	167 20.41 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	Salinity separated @ 50m - primary salinity sensor the culprit. They are cleaning the jelly goo out.
2016-09-28	14:15	21	2	BON014	71	57 29.79 N	167 20.45 W	60BON	QTowF	60 bon net 1&2 four inch clear jellies rinsed and removed.
2016-09-28	14:15	21	2	BON014	71	57 29.79 N	167 20.45 W	60BON	RCountZ	60 bon net 1&2 four inch clear jellies rinsed and removed.
2016-09-28	14:15	21	2	BON014	71	57 29.79 N	167 20.45 W	20BON	QTowF	60 bon net 1&2 four inch clear jellies rinsed and removed.
2016-09-28	14:15	21	2	BON014	71	57 29.79 N	167 20.45 W	20BON	RCountZ	60 bon net 1&2 four inch clear jellies rinsed and removed.
2016-09-28	14:15	21	2	BON014	71	57 29.79 N	167 20.45 W	CAT	CAT	60 bon net 1&2 four inch clear jellies rinsed and removed.
2016-09-28	16:50	22	1	CTD023	71	57 30.2 N	167 58.5 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Bad swell, ugly cast.
2016-09-28	17:06	22	2	BON015	71	57 29.86 N	167 58.56 W	60BON	QTowF	Flowmeters spinning in wind.
2016-09-28	17:06	22	2	BON015	71	57 29.86 N	167 58.56 W	60BON	Discard	Flowmeters spinning in wind.
2016-09-28	17:06	22	2	BON015	71	57 29.86 N	167 58.56 W	20BON	QTowF	Flowmeters spinning in wind.
2016-09-28	17:06	22	2	BON015	71	57 29.86 N	167 58.56 W	20BON	Discard	Flowmeters spinning in wind.
2016-09-28	17:06	22	2	BON015	71	57 29.86 N	167 58.56 W	CAT	CAT	Flowmeters spinning in wind.
2016-09-28	19:30	23	1	CTD024	70	57 31.38 N	168 36.99 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	ship on swll better, much better cast.
2016-09-28	19:45	23	2	BON016	71	57 31.34 N	168 37.45 W	60BON	QTowF	One three inch jelly rinsed and removed from 60bon net 1 & 2.
2016-09-28	19:45	23	2	BON016	71	57 31.34 N	168 37.45 W	60BON	RCountZ	One three inch jelly rinsed and removed from 60bon net 1 & 2.
2016-09-28	19:45	23	2	BON016	71	57 31.34 N	168 37.45 W	20BON	QTowF	One three inch jelly rinsed and removed from 60bon net 1 & 2.
2016-09-28	19:45	23	2	BON016	71	57 31.34 N	168 37.45 W	20BON	RCountZ	One three inch jelly rinsed and removed from 60bon net 1 & 2.
2016-09-28	19:45	23	2	BON016	71	57 31.34 N	168 37.45 W	CAT	CAT	One three inch jelly rinsed and removed from 60bon net 1 & 2.
2016-09-28	21:51	24	1	CTD025	69	57 39.22 N	169 1.35 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-28	22:05	24	2	BON017	68	57 39.07 N	169 1.71 W	20BON	QTowF	20 BON Net 2 saved because large jelly in 20 Bon. Flow blocked.
2016-09-28	22:05	24	2	BON017	68	57 39.07 N	169 1.71 W	60BON	Discard	20 BON Net 2 saved because large jelly in 20 Bon. Flow blocked.
2016-09-28	22:05	24	2	BON017	68	57 39.07 N	169 1.71 W	60BON	QTowF	20 BON Net 2 saved because large jelly in 20 Bon net 1. Flow blocked.
2016-09-28	22:05	24	2	BON017	68	57 39.07 N	169 1.71 W	20BON	Discard	20 BON Net 2 saved because large jelly in 20 Bon. Flow blocked.
2016-09-28	22:05	24	2	BON017	68	57 39.07 N	169 1.71 W	CAT	CAT	20 BON Net 2 saved because large jelly in 20 Bon. Flow blocked.
2016-09-29	00:02	25	1	CTD026	69	57 46.04 N	168 28.12 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	

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Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-09-29	00:15	25	2	BON018	71	57 46.04 N	168 28.37 W	60BON	QTowF	
2016-09-29	00:15	25	2	BON018	71	57 46.04 N	168 28.37 W	60BON	Discard	
2016-09-29	00:15	25	2	BON018	71	57 46.04 N	168 28.37 W	20BON	QTowF	
2016-09-29	00:15	25	2	BON018	71	57 46.04 N	168 28.37 W	20BON	Discard	
2016-09-29	00:15	25	2	BON018	71	57 46.04 N	168 28.37 W	CAT	CAT	
2016-09-29	01:58	26	1	BON019	71	57 50.15 N	168 52.76 W	60BON	QTowF	
2016-09-29	01:58	26	1	BON019	71	57 50.15 N	168 52.76 W	60BON	RCountZ	
2016-09-29	01:58	26	1	BON019	71	57 50.15 N	168 52.76 W	20BON	QTowF	
2016-09-29	01:58	26	1	BON019	71	57 50.15 N	168 52.76 W	20BON	RCountZ	
2016-09-29	01:58	26	1	BON019	71	57 50.15 N	168 52.76 W	CAT	CAT	
2016-09-29	14:16	26	2	CTD027	71	57 50.06 N	168 52.94 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-29	02:29	26	3	BON203	71	57 50.11 N	168 52.77 W	CALVET	QTowF	Net one and two combined
2016-09-29	02:29	26	3	BON203	71	57 50.11 N	168 52.77 W	CALVET	QTowF	Net one and two combined
2016-09-29	02:29	26	3	BON203	71	57 50.11 N	168 52.77 W	CAT	CAT	Net one and two combined
2016-09-29	02:45	26	4	BON204	71	57 50.04 N	168 52.8 W	CALVET	QTowF	Net one and two combined
2016-09-29	02:45	26	4	BON204	71	57 50.04 N	168 52.8 W	CALVET	QTowF	Net one and two combined
2016-09-29	02:45	26	4	BON204	71	57 50.04 N	168 52.8 W	CAT	CAT	Net one and two combined
2016-09-29	02:58	26	5	BON205	71	57 49.95 N	168 52.94 W	CALVET	QTowF	Nets one and two combined
2016-09-29	02:58	26	5	BON205	71	57 49.95 N	168 52.94 W	CALVET	QTowF	Nets one and two combined
2016-09-29	02:58	26	5	BON205	71	57 49.95 N	168 52.94 W	CAT	CAT	Nets one and two combined
2016-09-29	04:28	27	1	CTD028	70	58 4.13 N	168 43.48 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-29	04:41	27	2	BON020	70	58 3.98 N	168 43.59 W	60BON	QTowF	1 8" Staurophora jelly rinsed and removed 60BON net 1.
2016-09-29	04:41	27	2	BON020	70	58 3.98 N	168 43.59 W	20BON	QTowF	1 8" Staurophora jelly rinsed and removed 60BON net 1.
2016-09-29	04:41	27	2	BON020	70	58 3.98 N	168 43.59 W	CAT	CAT	1 8" Staurophora jelly rinsed and removed 60BON net 1.
2016-09-29	04:41	27	2	BON020	70	58 3.98 N	168 43.59 W	20BON	Discard	1 8" Staurophora jelly rinsed and removed 60BON net 1.
2016-09-29	04:41	27	2	BON020	70	58 3.98 N	168 43.59 W	60BON	Discard	1 8" Staurophora jelly rinsed and removed 60BON net 1.
2016-09-29	07:00	28	1	CTD029	66	57 55.63 N	169 19.04 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-29	07:13	28	2	BON021	66	57 55.39 N	169 18.91 W	60BON	QTowF	
2016-09-29	07:13	28	2	BON021	66	57 55.39 N	169 18.91 W	60BON	Discard	
2016-09-29	07:13	28	2	BON021	66	57 55.39 N	169 18.91 W	20BON	QTowF	
2016-09-29	07:13	28	2	BON021	66	57 55.39 N	169 18.91 W	20BON	Discard	
2016-09-29	07:13	28	2	BON021	66	57 55.39 N	169 18.91 W	CAT	CAT	

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2016-09-29	08:43	29	1	CTD030	69	58 2.58 N	169 40.56 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-29	08:57	29	2	BON022	69	58 2.44 N	169 40.51 W	60BON	QTowF	
2016-09-29	08:57	29	2	BON022	69	58 2.44 N	169 40.51 W	60BON	RCountZ	
2016-09-29	08:57	29	2	BON022	69	58 2.44 N	169 40.51 W	20BON	RCountZ	
2016-09-29	08:57	29	2	BON022	69	58 2.44 N	169 40.51 W	CAT	CAT	
2016-09-29	08:57	29	2	BON022	69	58 2.44 N	169 40.51 W	20BON	QTowF	
2016-09-29	10:55	30	1	CTD031	71	58 17.07 N	170 5.84 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Chl-a samples put away late in freezer (~3 hrs)
2016-09-29	11:09	30	2	BON023	71	58 16.91 N	170 5.88 W	60BON	QTowF	
2016-09-29	11:09	30	2	BON023	71	58 16.91 N	170 5.88 W	20BON	QTowF	
2016-09-29	11:09	30	2	BON023	71	58 16.91 N	170 5.88 W	20BON	Discard	
2016-09-29	11:09	30	2	BON023	71	58 16.91 N	170 5.88 W	60BON	Discard	
2016-09-29	11:09	30	2	BON023	71	58 16.91 N	170 5.88 W	CAT	CAT	
2016-09-29	13:09	31	1	CTD032	72	58 37.27 N	170 16.05 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-29	13:22	31	2	BON024	71	58 37.27 N	170 15.58 W	60BON	QTowF	
2016-09-29	13:22	31	2	BON024	71	58 37.27 N	170 15.58 W	60BON	RCountZ	
2016-09-29	13:22	31	2	BON024	71	58 37.27 N	170 15.58 W	20BON	QTowF	
2016-09-29	13:22	31	2	BON024	71	58 37.27 N	170 15.58 W	CAT	CAT	
2016-09-29	13:22	31	2	BON024	71	58 37.27 N	170 15.58 W	20BON	RCountZ	
2016-09-29	15:15	32	1	CTD033	70	58 57.04 N	170 19.47 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-29	15:29	32	2	BON025	70	58 57.08 N	170 18.71 W	60BON	QTowF	
2016-09-29	15:29	32	2	BON025	70	58 57.08 N	170 18.71 W	60BON	Discard	
2016-09-29	15:29	32	2	BON025	70	58 57.08 N	170 18.71 W	20BON	Discard	
2016-09-29	15:29	32	2	BON025	70	58 57.08 N	170 18.71 W	CAT	CAT	
2016-09-29	15:29	32	2	BON025	70	58 57.08 N	170 18.71 W	20BON	QTowF	
2016-09-29	17:17	33	1	CTD034	67	59 14.9 N	170 24.37 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-09-29	17:32	33	2	BON026	68	59 14.88 N	170 24.3 W	60BON	RCountZ	Preserved 60bon net 2 instead of net 1 b/c net 1 clogged with cross jellies. Two 3 inch clear cross jellies rinsed and removed from net 2, but not clogged like net 1.
2016-09-29	17:32	33	2	BON026	68	59 14.88 N	170 24.3 W	60BON	QTowF	Preserved 60bon net 2 instead of net 1 b/c net 1 clogged with cross jellies. Two 3 inch clear cross jellies rinsed and removed from net 2, but not clogged like net 1.
2016-09-29	17:32	33	2	BON026	68	59 14.88 N	170 24.3 W	20BON	RCountZ	Preserved 60bon net 2 instead of net 1 b/c net 1 clogged with cross jellies. Two 3 inch clear cross jellies rinsed and removed from net 2, but not clogged like net 1.

Cruise Summary For FOCI Cruise DY16-10 (DY16-10)

Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-09-29	17:32	33	2	BON026	68	59 14.88 N	170 24.3 W	CAT	CAT	Preserved 60bon net 2 instead of net 1 b/c net 1 clogged with cross jellies. Two 3 inch clear cross jellies rinsed and removed from net 2, but not clogged like net 1.
2016-09-29	17:32	33	2	BON026	68	59 14.88 N	170 23.4 W	20BON	QTowF	Preserved 60bon net 2 instead of net 1 b/c net 1 clogged with cross jellies. Two 3 inch clear cross jellies rinsed and removed from net 2, but not clogged like net 1.
2016-09-29	19:34	34	1	CTD035	72	59 26.03 N	170 54.25 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	oxygen sample won't save. Bot #371 at 66m.
2016-09-29	19:49	34	2	BON027	72	59 25.89 N	170 53.84 W	60BON	QTowF	Estimated wire out because wire counter wasn't working; think it was just not reset.
2016-09-29	19:49	34	2	BON027	72	59 25.89 N	170 53.84 W	60BON	Discard	Estimated wire out because wire counter wasn't working; think it was just not reset.
2016-09-29	19:49	34	2	BON027	72	59 25.89 N	170 53.84 W	20BON	QTowF	Estimated wire out because wire counter wasn't working; think it was just not reset.
2016-09-29	19:49	34	2	BON027	72	59 25.89 N	170 53.84 W	20BON	Discard	Estimated wire out because wire counter wasn't working; think it was just not reset.
2016-09-29	19:49	34	2	BON027	72	59 25.89 N	170 53.84 W	CAT	CAT	Estimated wire out because wire counter wasn't working; think it was just not reset.
2016-09-29	21:45	35	1	CTD036	71	59 43.06 N	171 8.4 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Phyto at 30m, Coccolitophore sample at 0m. Probably a jelly on primary salinity at 30m.
2016-09-29	22:01	35	2	BON028	72	59 42.91 N	171 8.02 W	60BON	RCountZ	60 Bon Net 2 pieces of clear jelly removed & 1 three inch jelly rinsed and removed.
2016-09-29	22:01	35	2	BON028	72	59 42.91 N	171 8.02 W	60BON	QTowF	60 Bon Net 2 pieces of clear jelly removed & 1 three inch jelly rinsed and removed.
2016-09-29	22:01	35	2	BON028	72	59 42.91 N	171 8.02 W	20BON	QTowF	60 Bon Net 2 pieces of clear jelly removed & 1 three inch jelly rinsed and removed.
2016-09-29	22:01	35	2	BON028	72	59 42.91 N	171 8.02 W	20BON	RCountZ	60 Bon Net 2 pieces of clear jelly removed & 1 three inch jelly rinsed and removed.
2016-09-29	22:01	35	2	BON028	72	59 42.91 N	171 8.02 W	CAT	CAT	60 Bon Net 2 pieces of clear jelly removed & 1 three inch jelly rinsed and removed.
2016-09-29	23:34	36	1	CTD037	73	59 42.53 N	171 28.9 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Weather getting marginal for ops and lots of heaving.
2016-09-29	23:49	36	2	BON029	74	59 42.51 N	171 28.6 W	60BON	Discard	Preserved 60bon net 2 b/c net 1 clogged with jellies. 60bon net 2 rinsed and removed jelly pieces.
2016-09-29	23:49	36	2	BON029	74	59 42.51 N	171 28.6 W	60BON	QTowF	Preserved 60bon net 2 b/c net 1 clogged with jellies. 60bon net 2 rinsed and removed jelly pieces.
2016-09-29	23:49	36	2	BON029	74	59 42.51 N	171 28.6 W	20BON	QTowF	Preserved 60bon net 2 b/c net 1 clogged with jellies. 60bon net 2 rinsed and removed jelly pieces.

Cruise Summary For FOCI Cruise DY16-10 (DY16-10)

Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-09-29	23:49	36	2	BON029	74	59 42.51 N	171 28.6 W	20BON	Discard	Preserved 60bon net 2 b/c net 1 clogged with jellies. 60bon net 2 rinsed and removed jelly pieces.
2016-09-29	23:49	36	2	BON029	74	59 42.51 N	171 28.6 W	CAT	CAT	Preserved 60bon net 2 b/c net 1 clogged with jellies. 60bon net 2 rinsed and removed jelly pieces.
2016-09-30	21:45	37	1	CTD038	71	59 53.82 N	171 15.55 W	CTDB	CTD, Chlor, Nut, oxygen, Fluor, Sal	
2016-09-30	22:02	37	2	BON030	71	59 23.76 N	171 15.02 W	60BON		60bon net 2 prserved instead of net 1 b/c net 1 clogged with jellies. Some jelly pieces rinsed and removed from 60bon net 2.
2016-09-30	22:02	37	2	BON030	71	59 23.76 N	171 15.02 W	60BON	QTowF	60bon net 2 prserved instead of net 1 b/c net 1 clogged with jellies. Some jelly pieces rinsed and removed from 60bon net 2.
2016-09-30	22:02	37	2	BON030	71	59 23.76 N	171 15.02 W	20BON	QTowF	60bon net 2 preserved instead of net 1 b/c net 1 clogged with jellies. Some jelly pieces rinsed and removed from 60bon net 2.
2016-09-30	22:02	37	2	BON030	71	59 23.76 N	171 15.02 W	20BON	Discard	60bon net 2 prserved instead of net 1 b/c net 1 clogged with jellies. Some jelly pieces rinsed and removed from 60bon net 2.
2016-09-30	22:02	37	2	BON030	71	59 23.76 N	171 15.02 W	CAT	CAT	60bon net 2 prserved instead of net 1 b/c net 1 clogged with jellies. Some jelly pieces rinsed and removed from 60bon net 2.
2016-09-30	23:44	38	1	BON031	71	59 53.5 N	171 42.46 W	60BON	RCountZ	One 4 inch jelly rinsed and removed from net 2 60bon. Unable to do CalVETS; to rough to be safe.
2016-09-30	23:44	38	1	BON031	71	59 53.5 N	171 42.46 W	CAT	CAT	One 4 inch jelly rinsed and removed from net 2 60bon. Unable to do CalVETS; to rough to be safe.
2016-09-30	23:44	38	1	BON031	71	59 53.5 N	171 42.46 W	20BON	Discard, RCountZ	One 4 inch jelly rinsed and removed from net 2 60bon. Unable to do CalVETS; to rough to be safe.
2016-09-30	23:44	38	1	BON031	71	59 53.5 N	171 42.46 W	60BON	QTowF	One 4 inch jelly rinsed and removed from net 2 60bon. Unable to do CalVETS; too rough to be safe.
2016-09-30	23:44	38	1	BON031	71	59 53.5 N	171 42.46 W	20BON	QTowF	One 4 inch jelly rinsed and removed from net 2 60bon. Unable to do CalVETS; to rough to be safe.
2016-09-30	23:58	38	2	CTD039	70	59 53.47 N	171 42.34 W	CTDB	PAR, CTD, Chlor, Nut, oxygen	Mooring site 5. Phyto sample at 10m. Coccolithophore sample at 0m. Nut samples at 50m (bot 1464) and 67m (bot 1463) won't save in COD. Oxygen sample at 67m (bot 375) won't save either.
2016-10-01	01:42	39	1	BON032	64	60 4.56 N	172 0.27 W	60BON	QTowF	
2016-10-01	01:42	39	1	BON032	64	60 4.56 N	172 0.27 W	60BON	Discard	One 8" broken Staurophora jelly in 60BON Net 1. Net 2 preserved.
2016-10-01	01:42	39	1	BON032	64	60 4.56 N	172 0.27 W	20BON	QTowF	
2016-10-01	01:42	39	1	BON032	64	60 4.56 N	172 0.27 W	20BON	Discard	
2016-10-01	01:42	39	1	BON032	64	60 4.56 N	172 0.27 W	CAT	CAT	

Cruise Summary For FOCI Cruise DY16-10 (DY16-10)

Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-10-01	01:57	39	2	CTD040	64	60 4.78 N	171 59.96 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-10-01	03:54	40	1	BON033	73	59 54.19 N	172 10.52 W	60BON	Discard	Roll during haulback, depth actually approximately 63 meters
2016-10-01	03:54	40	1	BON033	73	59 54.19 N	172 10.52 W	20BON	Discard	Roll during haulback, depth actually approximately 63 meters
2016-10-01	03:54	40	1	BON033	73	59 54.19 N	172 10.52 W	CAT	CAT	Roll during haulback, depth actually approximately 63 meters
2016-10-01	03:54	40	1	BON033	73	59 54.19 N	172 10.52 W	60BON	QTowF	Roll during haulback, depth actually approximately 63 meters. CTD aborted before started, weather. 1 3" C. melanster removed from net 1 60BON.
2016-10-01	03:54	40	1	BON033	73	59 54.19 N	172 10.52 W	20BON	QTowF	Roll during haulback, depth actually approximately 63 meters
2016-10-01	06:39	41	1	BON034	68	60 2.32 N	173 0.38 W	60BON	QTowF	Net 1 60BON - 8" C. melanster rinsed and removed for RZA. Net 2 preserved.
2016-10-01	06:39	41	1	BON034	68	60 2.32 N	173 0.38 W	60BON	RCountZ	Net 1 60BON - 8" C. melanster rinsed and removed for RZA. Net 2 preserved. Accidentally recorded as 70M43 on MOA.
2016-10-01	06:39	41	1	BON034	68	60 2.32 N	173 0.38 W	20BON	RCountZ	Net 1 60BON - 8" C. melanster rinsed and removed for RZA. Net 2 preserved.
2016-10-01	06:39	41	1	BON034	68	60 2.32 N	173 0.38 W	CAT	CAT	Net 1 60BON - 8" C. melanster rinsed and removed for RZA. Net 2 preserved.
2016-10-01	06:39	41	1	BON034	68	60 2.32 N	173 0.38 W	20BON	QTowF	Net 1 60BON - 8" C. melanster rinsed and removed for RZA. Net 2 preserved. Accidentally recorded as 70M43 on MOA.
2016-10-01	08:44	42	1	BON035	70	60 15.15 N	173 31.17 W	20BON	QTowF	Use 2nd MOA click for bongo in water
2016-10-01	08:44	42	1	BON035	70	60 15.15 N	173 31.17 W	60BON	Discard	Use 2nd MOA click for bongo in water. 5" C. melanster in 60BON Net 1, net two preserved.
2016-10-01	08:44	42	1	BON035	70	60 15.15 N	173 31.17 W	60BON	QTowF	Use 2nd MOA click for bongo in water
2016-10-01	08:44	42	1	BON035	70	60 15.15 N	173 31.17 W	20BON	Discard	Use 2nd MOA click for bongo in water
2016-10-01	08:44	42	1	BON035	70	60 15.15 N	173 31.17 W	CAT	CAT	Use 2nd MOA click for bongo in water
2016-10-01	10:49	43	1	BON036	68	60 34.36 N	173 38.39 W	60BON	RCountZ	7" and 4" C. melanster in net 1 60BON, net 2 preserved.
2016-10-01	10:49	43	1	BON036	68	60 34.36 N	173 38.39 W	60BON	QTowF	7" and 4" C. melanster in net 1 60BON, net 2 preserved.
2016-10-01	10:49	43	1	BON036	68	60 34.36 N	173 38.39 W	20BON	QTowF	7" and 4" C. melanster in net 1 60BON, net 2 preserved.
2016-10-01	10:49	43	1	BON036	68	60 34.36 N	173 38.39 W	20BON	RCountZ	7" and 4" C. melanster in net 1 60BON, net 2 preserved.
2016-10-01	10:49	43	1	BON036	68	60 34.36 N	173 38.39 W	CAT	CAT	7" and 4" C. melanster in net 1 60BON, net 2 preserved.
2016-10-01	11:14	43	2	CTD041	68	60 34.61 N	173 37.84 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	

Cruise Summary For FOCI Cruise DY16-10 (DY16-10)

Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-10-01	13:35	44	1	BON037	81	60 54.59 N	173 49.38 W	60BON	QTowF	
2016-10-01	13:35	44	1	BON037	81	60 54.59 N	173 49.38 W	60BON	Discard	
2016-10-01	13:35	44	1	BON037	81	60 54.59 N	173 49.38 W	20BON	QTowF	
2016-10-01	13:35	44	1	BON037	81	60 54.59 N	173 49.38 W	20BON	Discard	
2016-10-01	13:35	44	1	BON037	81	60 54.59 N	173 49.38 W	CAT	CAT	
2016-10-01	13:55	44	2	CTD042	80	60 54.88 N	173 48.8 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	30m chlor sample volume won't save in COD for some reason. 30m chlor bottle is 289ml.
2016-10-01	15:20	45	1	CTD043	78	61 3.92 N	173 49.65 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Oxygen bottle depth won't save in COD for some reason. Oxygen at 72m bottle# 150.
2016-10-02	14:56	46	1	CTD044	71	60 6.15 N	173 18.73 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Sal	Came back and picked up CTD we had dropped earlier (CTD only station). Salinity sample won't save in COD. Salinity bottle #625 at 65m.
2016-10-02	16:29	47	1	CTD045	68	60 2.32 N	173 0.53 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Went back and picked up previously dropped CTD. (bongo already completed). Oxygen sample won't save in COD. Bot #168 at 62m.
2016-10-02	17:37	48	1	CTD046	68	59 58.74 N	172 44.96 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Went back and picked up dropped CTD (CTD only station).
2016-10-02	18:53	49	1	CTD047	73	59 54.67 N	172 56.24 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Picking up a station that was dropped (CTD & Bongo). COD won't save oxygen sample, Bot #175 @ 66m.
2016-10-02	19:09	49	2	BON038	74	59 54.54 N	172 26.51 W	60BON	QTowF	Picking up a station that was dropped (CTD & bongo).
2016-10-02	19:09	49	2	BON038	74	59 54.54 N	172 26.51 W	60BON	RCountZ	Picking up a station that was dropped (CTD & bongo).
2016-10-02	19:09	49	2	BON038	74	59 54.54 N	172 26.51 W	20BON	QTowF	Picking up a station that was dropped (CTD & bongo).
2016-10-02	19:09	49	2	BON038	74	59 54.54 N	172 26.51 W	20BON	RCountZ	Picking up a station that was dropped (CTD & bongo).
2016-10-02	19:09	49	2	BON038	74	59 54.54 N	172 26.51 W	CAT	CAT	Picking up a station that was dropped (CTD & bongo).
2016-10-02	20:22	50	1	CTD048	73	59 53.72 N	172 10.1 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Picking up dropped station (CTD only station).
2016-10-02	22:40	51	1	CTD049	73	59 46.28 N	171 27.1 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Picking up a station that was dropped (CTD only station). Oxygen sample won't save in COD, bot# 197 at 68m.
2016-10-03	00:39	52	1	CTD050	71	59 35.68 N	170 55.43 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	Picking up a dropped station. (CTD only station).
2016-10-03	02:32	53	1	CTD051	69	59 20.05 N	170 39.15 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	Picking up a dropped station (CTD only)
2016-10-03	04:27	54	1	CTD052	67	59 6.37 N	170 14.78 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	Picking up a dropped station (CTD only)
2016-10-03	06:48	55	1	CTD053	71	58 46.57 N	170 17.31 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	Picking up a dropped station (CTD only)
2016-10-03	09:19	56	1	CTD054	73	58 26.75 N	170 11.05 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Picking up a dropped station (CTD only)
2016-10-03	11:54	57	1	CTD055	71	58 9.01 N	169 55.51 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	Picking up a dropped station (CTD only)

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Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-10-03	14:27	58	1	CTD056	68	57 54.9 N	169 30.65 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	40m bottle a little deep due to thermocline. Oxygen bottle won't save in COD, bot 285 at 62m.
2016-10-04	13:30	59	1	CTD057	158	54 20.36 N	165 26.13 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	Repeat of Unimak Box South. Salinity didn't save in COD, bot#646 at 153m.
2016-10-04	13:52	59	2	BON059	153	54 20.6 N	165 25.94 W	60BON	QTowF	
2016-10-04	13:52	59	2	BON059	153	54 20.6 N	165 25.94 W	60BON	Discard	
2016-10-04	13:52	59	2	BON059	153	54 20.6 N	165 25.94 W	20BON	Discard	
2016-10-04	13:52	59	2	BON039	153	54 20.6 N	165 25.94 W	20BON	QTowF	
2016-10-04	13:52	59	2	BON059	153	54 20.6 N	165 25.94 W	CAT	CAT	
2016-10-04	15:02	60	1	CTD058	166	54 22.81 N	165 17.1 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Oxygen sample didn't save in COD, bot#361 at 160m.
2016-10-04	16:03	61	1	CTD059	129	54 25.61 N	165 8.33 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Sal	
2016-10-04	16:22	61	2	BON040	125	54 25.75 N	165 8.23 W	60BON	QTowF	
2016-10-04	16:22	61	2	BON040	125	54 25.75 N	165 8.23 W	60BON	RCountZ	
2016-10-04	16:22	61	2	BON040	125	54 25.75 N	165 8.23 W	20BON	QTowF	
2016-10-04	16:22	61	2	BON040	125	54 25.75 N	165 8.23 W	20BON	RCountZ	
2016-10-04	16:22	61	2	BON040	125	54 25.75 N	165 8.23 W	CAT	CAT	
2016-10-04	17:27	62	1	CTD060	46	54 26.37 N	164 58.87 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-10-04	17:37	62	2	BON041	49	54 26.48 N	164 58.8 W	60BON	Discard	Preserved 60bon net 2 b/c large cysaura melanaster in net 1. Lots of fine sediment and debris in 20 and 60bongo. Right next to Unimak Island. (Did not hit bottom).
2016-10-04	17:37	62	2	BON041	49	54 26.48 N	164 58.8 W	60BON	QTowF	Preserved 60bon net 2 b/c large cysaura melanaster in net 1. Lots of fine sediment and debris in 20 and 60bongo. Right next to Unimak Island. (Did not hit bottom).
2016-10-04	17:37	62	2	BON041	49	54 26.48 N	164 58.8 W	20BON	QTowF	Preserved 60bon net 2 b/c large cysaura melanaster in net 1. Lots of fine sediment and debris in 20 and 60bongo. Right next to Unimak Island. (Did not hit bottom).
2016-10-04	17:37	62	2	BON041	49	54 26.48 N	164 58.8 W	20BON	Discard	Preserved 60bon net 2 b/c large cysaura melanaster in net 1. Lots of fine sediment and debris in 20 and 60bongo. Right next to Unimak Island. (Did not hit bottom).
2016-10-04	17:37	62	2	BON041	49	54 26.48 N	164 58.8 W	CAT	CAT	Preserved 60bon net 2 b/c large cysaura melanaster in net 1. Lots of fine sediment and debris in 20 and 60bongo. Right next to Unimak Island. (Did not hit bottom).
2016-10-04	22:01	63	1	CTD061	294	54 41.08 N	166 14.8 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Winch rate 30m/min to 100m, 60m/min after that and most of the way up. Oxygen sample won't save in COD, bot#234 at 286m.
2016-10-04	22:34	63	2	BON042	301	54 40.65 N	166 14.63 W	60BON	QTowF	

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Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-10-04	22:34	63	2	BON042	301	54 40.65 N	166 14.63 W	60BON	RCountZ	
2016-10-04	22:34	63	2	BON042	301	54 40.65 N	166 14.63 W	20BON	QTowF	
2016-10-04	22:34	63	2	BON042	301	54 40.65 N	166 14.63 W	20BON	RCountZ	
2016-10-04	22:34	63	2	BON042	301	54 40.65 N	166 14.63 W	CAT	CAT	
2016-10-04	23:55	64	1	CTD062	207	54 45.54 N	166 3.19 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	Down @ 30m/min.
2016-10-05	00:19	64	2	BON043	211	54 45.59 N	166 2.52 W	60BON	QTowF	
2016-10-05	00:19	64	2	BON043	211	54 45.59 N	166 2.52 W	20BON	QTowF	
2016-10-05	00:19	64	2	BON043	211	54 45.59 N	166 2.52 W	20BON	Discard	
2016-10-05	00:19	64	2	BON043	211	54 45.59 N	166 2.52 W	60BON	Discard	
2016-10-05	00:19	64	2	BON043	211	54 45.59 N	166 2.52 W	CAT	CAT	
2016-10-05	01:24	65	1	CTD063	163	54 48.87 N	165 51.92 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-10-05	01:47	65	2	BON044	163	54 48.87 N	165 51.39 W	60BON	QTowF	
2016-10-05	01:47	65	2	BON044	163	54 48.87 N	165 51.39 W	60BON	Discard	
2016-10-05	01:47	65	2	BON044	163	54 48.87 N	165 51.39 W	20BON	QTowF	
2016-10-05	01:47	65	2	BON044	163	54 48.87 N	165 51.39 W	20BON	Discard	
2016-10-05	01:47	65	2	BON044	163	54 48.87 N	165 51.39 W	CAT	CAT	
2016-10-05	02:50	66	1	CTD064	143	54 51.91 N	165 40.24 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-10-05	03:51	67	1	CTD065	121	54 55.85 N	165 29.01 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-10-05	04:06	67	2	BON045	125	54 55.84 N	165 28.62 W	60BON	QTowF	Haulback accidently called early by survey
2016-10-05	04:06	67	2	BON045	125	54 55.84 N	165 28.62 W	60BON	Discard	Haulback accidently called early by survey
2016-10-05	04:06	67	2	BON045	125	54 55.84 N	165 28.62 W	20BON	QTowF	Haulback accidently called early by survey
2016-10-05	04:06	67	2	BON045	125	54 55.84 N	165 28.62 W	20BON	Discard	Haulback accidently called early by survey
2016-10-05	04:06	67	2	BON045	125	54 55.84 N	165 28.62 W	CAT	CAT	Haulback accidently called early by survey
2016-10-05	05:04	68	1	CTD066	116	54 59.3 N	165 17.24 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-10-05	06:01	69	1	CTD067	111	55 2.71 N	165 6.52 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor, Sal	
2016-10-05	06:15	69	2	BON046	111	55 2.59 N	165 6.0 W	60BON	QTowF	
2016-10-05	06:15	69	2	BON046	111	55 2.59 N	165 6.0 W	60BON	RCountZ	
2016-10-05	06:15	69	2	BON046	111	55 2.59 N	165 6.0 W	20BON	QTowF	
2016-10-05	06:15	69	2	BON046	111	55 2.59 N	165 6.0 W	20BON	RCountZ	
2016-10-05	06:15	69	2	BON046	111	55 2.59 N	165 6.0 W	CAT	CAT	
2016-10-05	07:13	70	1	CTD068	92	54 56.41 N	164 59.73 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-10-05	07:25	70	2	BON047	92	54 56.38 N	164 59.46 W	60BON	QTowF	
2016-10-05	07:25	70	2	BON047	92	54 56.38 N	164 59.46 W	60BON	Discard	
2016-10-05	07:25	70	2	BON047	92	54 56.38 N	164 59.46 W	20BON	QTowF	
2016-10-05	07:25	70	2	BON047	92	54 56.38 N	164 59.46 W	20BON	Discard	

Cruise Summary For FOCI Cruise DY16-10 (DY16-10)

Date (GMT)	Time (GMT)	Station	Haul	Alt. Station	Depth (m)	Latitude	Longitude	Gear	SamplesCollected	HaulComments
2016-10-05	07:25	70	2	BON047	92	54 56.38 N	164 59.46 W	CAT	CAT	
2016-10-05	08:24	71	1	CTD069	74	54 49.7 N	164 53.04 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-10-05	09:21	72	1	CTD070	47	54 42.92 N	164 47.26 W	CTDB	PAR, CTD, Chlor, Nut, oxygen, Fluor	
2016-10-05	09:30	72	2	BON048	46	54 42.82 N	164 47.09 W	60BON	QTowF	
2016-10-05	09:30	72	2	BON048	46	54 42.82 N	164 47.09 W	20BON	QTowF	
2016-10-05	09:30	72	2	BON048	46	54 42.82 N	164 47.09 W	CAT	CAT	
2016-10-05	09:30	72	2	BON048	46	54 42.82 N	164 47.09 W	20BON	RCountZ	
2016-10-05	09:30	72	2	BON048	46	54 42.82 N	164 47.09 W	60BON	RCountZ	