Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: Fog Fish Cruise: Winter 2010/11 Page 1 1

CTD #: 1 Data Dump # 0199 Observer(s): Sharman, Bredow, McDonough, Fatendresse

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments	
00	00	58.32666	-135.87781		2011/01/25	18:36	53	40	Mod. line L.	
01	24	58.33336	-136.11780	126 ✓	2011/01/25	19:08	137	120	Slight line L.	410-4
02	01	58.41083	-135.99480	127 ✓	2011/01/25	19:47	62	50	Mod. line L.	60m
03	02	58.46848	-136.05194	128 ✓	2011/01/25	20:10	93	80	Mod. line L.	90m
04	03	58.57076	-136.06593	129 ✓	2011/01/25	20:36	112	100	Mod. line L.	110m
05	04	58.65154	-136.11562	130 ✓	2011/01/25	20:59	288	260	Lots of line L.	95m?
06	05	58.70424	-136.23315	131 ✓	2011/01/25	21:31	366	330	Mod. line L.	—
07	06	58.75486	-136.34161	132 ✓	2011/01/25	22:06	288	260	Mod. line L.	—
08	07	58.81183	-136.47668	133 ✓	2011/01/25	22:39	435	400	Lots of line L.	—
09	08	58.86439	-136.59232	134 ✓	2011/01/25	23:14	426	400	Mod. line L.	—

NOTE:

1_1004.con

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: WINTER 2010/11 Page 1/1

CTD #: 1 Data Dump # 0200 Observer(s): Sharman, Bradow, Hagen

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
00	09	58.89874	-136.73553	✓134	2011/01/27	20:11	377	340	
01	10	58.89922	-136.84004	✓135	2011/01/27	20:45	361	330	Did not slow ascent during upper 50m of upcast.
02	11	58.97206	-136.91599	✓136	2011/01/27	21:22	338	300	
03	12 OK	59.03333	-137.01901	✓137	2011/01/27	21:56	288	260	* This stn. not collected somehow (data missing in download)
04	21	59.04815	-137.05725	✓138	2011/01/27	22:39	195	180	Kashoa - no pan ice!
		__.____	___.____		____/__/__	__:__			
		__.____	___.____		____/__/__	__:__			
		__.____	___.____		____/__/__	__:__			
		__.____	___.____		____/__/__	__:__			
		__.____	___.____		____/__/__	__:__			

215 m

NOTE:

1_1004.con

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: WINTER 2010/11 Page 1 / 1

CTD #: 1 Data Dump # 0201 Observer(s): L. Sharman, J. Fatendresse, G. Coraggio, Slovin, E. Sharman

← Didn't initialize CTD from prev. cruise day.

	Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
(04)	~~00~~	13	58.73191	-136.11301	138 ✓	2011/01/29	17:39	146	130	Mod. line L.
(05)	~~01~~	14	58.79022	-136.11005	139 ✓	2011/01/29	18:10	81	70	Lots of line L.
(06)	~~02~~	16	58.89571	-136.09438	140 ✓	2011/01/29	18:37	313	280	Nice
(07)	~~03~~	17	58.97504	-136.13756	141 ✓	2011/01/29	19:17	212	190	Slight line L.
(08)	~~04~~	18	59.04976	-136.18401	142 ✓	2011/01/29	19:54	214	190	Nice
(09)	~~05~~	12	59.03304	-137.01570	143 ✓	2001/01/29	22:54	288	260	Severe line L (N. wind pushed us. S. off station). Recast of 1/27 failed cast.
			__.__	__.__		__/__/__	__:__			
			__.__	__.__		__/__/__	__:__			
			__.__	__.__		__/__/__	__:__			
			__.__	__.__		__/__/__	__:__			

NOTE: Stns. 19 & 20 inaccessible due to pan ice.

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: Fog Lark Cruise: March 2011 Page 1 / 1

CTD #: 5 Data Dump # 0202 Observer(s): LATENDRESSE, BRUNO

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
~~01~~	01 ✓	58.41302	-135.99678	145 ✓	2011/03/17	16:~~51~~	62	50	went too fast ↓ + ↑
~~02~~	04 ✓	58.65071	-136.11516	146 ✓	2011/03/17	17:~~38~~	288	278	Power pack Broke Hard ↑ + ↓
~~03~~	07 ✓	58.81116	-136.47415	147 ✓	2011/03/17	18:~~29~~	435	425	Power Pack Fixed good ↑ + ↓
~~04~~	12 ✓	~~59~~.08338	-137.01904	148 ✓	2011/03/17	19:58	288	279	
~~05~~	13 ✓	58.73239	-136.11316	149 ✓	2011/03/17	21:48	146	136	
~~06~~	16 ✓	58.89556	-136.09340	150 ✓	2011/03/17	22:20	313	300	
~~07~~	20 ✓	59.08593	-136.37083	151 ✓	2011/03/17	23:13	179	165	
		__.____	___.____		____/__/__	__:__			
		__.____	___.____		____/__/__	__:__			
		__.____	___.____		____/__/__	__:__			

NOTE:

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: Fog Lark Cruise: April 2011 Page 1 / 1

CTD #: 5 Data Dump # 0202* Observer(s): Sharman, Moynahan

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
08	01 ✓	58.41191	-135.99463	151 ✓	2011/10/4/04	16:40	62	50	Soooong soak. Mod. L, N-ward drift.
09	04 ✓	58.64991	-136.11478	152 ✓	2011/10/4/04	17:27	288	260	Blooming? Forgot to slow down on upper 50m of upcast.
10 02	07 ✓	58.81155	-136.47526	153 ✓	2011/10/4/04	18:19	435	400	Blooming? Lots of line L (to cast 450m)
11 03	12 ✓	59.03356	-137.01900	154 ✓	2011/10/4/04	19:40	288	260	Drift toward glacier. Lots of line L.
12 04	13 ✓	58.73291	-136.11215	155 ✓	2011/10/4/04	21:39	146	130	Blooming? Mod. line L.
13 05	16 ✓	58.89566	-136.09254	156 ✓	2011/10/4/04	22:17	313	280	Blooming? Slt. line L.
14 06	20 ✓	59.08590	-136.37075	157 ✓	2011/10/4/04	23:23	179	160	Blooming? Looks pretty clear otherwise
		__.__	__.__		____/__/__	__:__			
		__.__	__.__		____/__/__	__:__			
		__.__	__.__		____/__/__	__:__			

NOTE: * Note that this month's cast data is the second half of Dump 0202 (with March 2011).

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: MAY 2011 Page 1 / 1

CTD #: 5 Data Dump # 0203 Observer(s): SHARMAN, MOYNAHAN

	Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
15	01	01	58.41191	-135.99626	0157 ✓	2011 1051 10	15:20	62	50	X-long soak.
16	02	04	58.65067	-136.11449	158 ✓	2011 1051 10	16:06	288	260	Blooming! Mod. line 4.
17	03	07	58.81086	-136.47372	159 ✓	2011 1051 10	16:58	435	400	Blooming! Mod. line 4 on downcast (only).
18	04	12	59.03330	-137.01750	160 ✓	2011 1051 10	18:28	288	260	
19	05	13	58.73267	-136.11359	161 ✓	2011 1051 10	20:12	146	130	Blooming!
20	06	16	58.89621	-136.09380	162 ✓	2011 1051 10	20:45	313	280	Blooming! Mod. line 4.
21	07	20	59.08629	-136.37106	163 ✓	2011 1051 10	21:40	179	160	Very turbid @ surf.
			__.____	___.____		____/__/__	__:__			
			__.____	___.____		____/__/__	__:__			
			__.____	___.____		____/__/__	__:__			

NOTE: No SSL @ Gloomy. 19 goats White Thunder. * Note again that this month's cast data is a continuation (in terms of cast #s) of Dump 0202 - but it's a "new" Dump 0203.

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: "JUNE" 2011 Page 1 / 1

CTD #: 5 Data Dump # 0204 Observer(s): Sharman, Sergeant

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
01	01	58.41264	-135.99510	✓163	2011/05/31	16:00	62	50	
02	04	58.65092	-136.11490	✓164	2011/05/31	16:54	288	260	
03	07	58.81129	-136.47502	✓165	2011/05/31	17:54	435	400	
04	12	59.03345	-137.01894	✓166	2011/05/31	19:57	288	260	Very Turbid @ surf.
05	13	58.73276	-136.11322	✓167	2011/05/31	21:53	146	130	Blooming @ surf.
06	16	58.89595	-136.09358	✓168	2011/05/31	22:34	313	280	Extreme line 4, cast to 310m (S. Iroaga blows us N. off stn.)
07	20	59.08591	-136.37111	✓169	2011/05/31	23:33	179	160	Extremely turbid @ surf. Extreme line 4, cast to 180m. N. Iroaga blows us S. off stn.
		__.____	__.____		____/__/__	__:__			
		__.____	__.____		____/__/__	__:__			
		__.____	__.____		____/__/__	__:__			

NOTE: No SSL @ Gloomy.

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: Fog Lark Cruise: July 2011 Page 1 / 3

CTD #: 5 ← with rosette Data Dump # 0205 Observer(s): Sergeant, Davidson, Mathis, Roisdorph

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
02 ~~01~~	01	58.41284	-135.99431	OC07	2011/07/13	20:48	65	55	NOTE: Cast #02 to start... 01 was a test in BarCo Using autofire unit for 1st time
03	24	58.33347	-136.11836	OC24	〃	22:10	143	130	
04	00	58.32690	-135.87527	OC00	〃	23:12	57	47	
05	21	59.04659	-137.05617	169✓	2011/07/14	17:00	195	180	Very turbid @ surf. Sharman replaces Sergeant
06	12	59.03265	-137.01837	170✓	2011/07/14	17:53	288	260	
07	11	58.97192	-136.91606	171✓	2011/07/14	18:47	338	300	Slight line ∡.
08	10	58.89928	-136.83949	172✓	2011/07/14	19:36	361	320	Pause @ 140m on upcast (out of gas for puller). Didn't have WPT until now.
09	09	58.89814	-136.73335	173✓	2011/07/14	20:38	377	340	
10	08	58.86413	-136.58978	175✓	2011/07/15	17:23	426	390	Drift N. off stn. Sharman, Davidson, Roisdorph for this + remaining stns.
11	07	58.81165	-136.47455	176✓	2011/07/15	18:35	435	400	

NOTE: Need ♂ dummy plug for laptop ↔ CTD comm. cable. Need addl. hole + pin(s) for davit/sleeve.

(WPT #174 2011/07/14 20:48 58.89819 -136.73126)

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: Fog Lark Cruise: July 2011 Page 213

CTD #: 5 Data Dump # 0205 Observer(s): Sharman, Danielson, Reisdorph

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
12	06	58.75883	-136.34116	177 ✓	2011/07/15	19:33	288	260	
13	05	58.70384	-136.23204	178 ✓	2011/07/15	20:22	366	330	
14	04	58.65073	-136.11398	179 ✓	2011/07/15	21:17	288	260	
15	03	58.57039	-136.06395	180 ✓	2011/07/15	22:11	112	100	Lots of line 4. There are (2) casts here. OC to use first cast (15) Stacey to use second (16)
~~16~~	~~03~~	~~__.__~~	~~__.__~~		~~__/__/__~~	~~__:__~~			This cast for Stacey. (Ignore cast 16) for OC.
17	02	58.49038	-136.05588	181 ✓	2011/07/15	23:15	93	80	
18	13	58.73180	-136.11458	182 ✓	2011/07/17	15:52	146	130	
19	14	58.79003	-136.11000	183 ✓	2011/07/17	16:37	81	70	
20	16	58.89500	-136.09326	184 ✓	2011/07/17	17:24	313	280	
21	17	58.97504	-136.13593	185 ✓	2011/07/17	18:20	212	190	Touched bottom @ 162m! Future target depth should be 155m.

NOTE:

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: Fog Lark **Cruise:** July 2011 **Page** 3 / 3

CTD #: 5 **Data Dump #** 0205 **Observer(s):** Sharman, Danielson, Reisdorph

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
22	18	59.05009	-136.18520	186✓	2011/07/17	19:10	214	190	
23	19	59.07153	-136.33458	187✓	2011/07/17	19:59	225	200	
24	20	59.08428	-136.37076	188✓	2011/07/17	20:53	179	160	Very turbid @ surf. Slight line ∡, breeze blew us off stn.
		__.____	__.____		__/__/__	__:__			
		__.____	__.____		__/__/__	__:__			
		__.____	__.____		__/__/__	__:__			
		__.____	__.____		__/__/__	__:__			
		__.____	__.____		__/__/__	__:__			
		__.____	__.____		__/__/__	__:__			
		__.____	__.____		__/__/__	__:__			

NOTE: * Need stainless swivel for SEB55; longer davit sleeve spacer. Need P bucket/rope.

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: AUG. 2011 Page 1 / 1

CTD #: 5 (+SBE55) Data Dump # 0206 Observer(s): Sharman, Randolph, Fish, Timm

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
25	24	58.33352	-136.11760	189 ✓	2011 / 08 / 08	17:50	~~150~~ 150	130	Didn't initialize CTD after July cruise. Start w/ Cast # 25.
26	01	58.41169	-135.99529	190 ✓	2011 / 08 / 08	19:50	62	50	
27	04	58.64971	-136.11568	191 ✓	2011 / 08 / 08	21:47	288	260	
28	07	58.81061	-136.47302	192 ✓	2011 / 08 / 08	23:14	435	400	
29	12	59.03352	-137.01779	193 ✓	2011 / 08 / 09	02:23	288	260	
30	13	58.73111	-136.11298	194 ✓	2011 / 08 / 09	18:00	146	130	
31	16	58.89574	-136.09355	195 ✓	2011 / 08 / 09	19:09	313	280	
32	20	59.08634	-136.37202	196 ✓	2011 / 08 / 09	20:44	179	160	
		___.___	___.___		___ / ___ / ___	___:___			
		___.___	___.___		___ / ___ / ___	___:___			

NOTE: * With this cruise, Stn. 24 becomes a Core Station. *

C:\My Documents\Oceanography\2011\Downloaded HEX files\1108\1108_5_0206_26.hex

Outlet on inverter (outlet closest to switch on inverter) appears to be dead. Other outlet OK.
Consider cutting off 1/100 m of CTD line closest to end (or replace entire line).

SEAN Deliverable OC_[illegible]ld Log

* No SSL @ Gloomy Knoll at 8/8 PM or 8/9 AM.

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: ~~FOG LAKE~~ Talus Cruise: SEPT. 2011 Page 1 / 2

CTD #: 5 (+SBE55) Data Dump # 0207 Observer(s): Sharman, Reisdorph, Randy Thomas, Todd Bruno

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
33	12	59.02944	-137.01294	197 ✓	2011 109 08	10:18	288	260	Extra-long surf. soak.
34	07	58.81003	-136.47366	198 ✓	2011 109 08	12:03	435	400	Lots of line ↯. Wind pushed us S. off station.
35	13	58.73314	-136.11327	199 ✓	2011 109 08	13:47	146	130	Mod. line ↯ (S-ward drift).
36	20	59.08607	-136.37105	200 ✓	2011 109 08	15:32	174	160	Very turbid @ surf.
37	16	58.89597	-136.09294	201 ✓	2011 109 08	16:54	313	280	Casts 33-36 uploaded onto UAF laptop. This cast (37) uploaded onto Lewis' laptop.
		__.____	___.____		____/__/__	__:__			
		__.____	___.____		____/__/__	__:__			
		__.____	___.____		____/__/__	__:__			
		__.____	___.____		____/__/__	__:__			
		__.____	___.____		____/__/__	__:__			

UAF laptop

NPS laptop

NOTE: No SSL Gloomy 9/8. Didn't go to Jaebie.

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: Talus **Cruise:** Sept. 2011 **Page** 2 / 2

CTD #: 5 **Data Dump #** 0207 **Observer(s):** Sharman, Riedorph, T. Bruno

UAF laptop

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
38	04	58.65057	-136.11327	202 ✓	2011 / 09 / 09	10:13	288	260	S. breeze blew us N. off stn. Lots of line ∡.
~~39~~	~~01~~	~~58.~~	~~-135.~~		~~2011 / 09 / 09~~	~~:~~	~~62~~	~~50~~	
		.	.		/ /	:			
		.	.		/ /	:			
		.	.		/ /	:			
		.	.		/ /	:			
		.	.		/ /	:			
		.	.		/ /	:			
		.	.		/ /	:			
		.	.		/ /	:			

NOTE: Did not occupy 01 + 24 due to weather 9/9. So, Sept. cruise failed to sample 01 + 24 but sampled all other core stns.

Oceanographic Survey Field Log
Glacier Bay National Park and Preserve

Vessel: FOG LARK Cruise: OCTOBER 2011 Page 1 / 1

CTD #: 5 + SBE 55 Data Dump # 0208 Observer(s): L. Sharman, Monacci, R. Sharman

Cast #	Station #	Latitude (°N)	Longitude (°W)	Waypoint	Date GMT (YYYY/MM/DD)	Time GMT (HH:MM)	Fathometer Depth (m)	Target Depth (m)	Comments
39	24	58.33289	-136.12408	202 ✓	2011/10/13	08:59	140	120	Convert to GMT! Bottles returned open. Re-program & re-cast.
40	24	58.33373	-136.11594	203 ✓	2011/10/13	18:01	140	120	Re-cast. This .hex file is mis-named "20110808-24-01.hex" (need to re-name)
41	01	58.41626	-135.99896	204 ✓	2011/10/13	19:49	62	50	~~* Ended [illegible] Cast 39~~
42	04	58.65146	-136.11478	205 ✓	2011/10/13	21:07	288	260	~~([illegible] Cast 40)~~
43	07	58.81038	-136.47430	206 ✓	2011/10/13	22:28	435	400	~~[illegible]~~
44	12	59.03321	-137.01865	207 ✓	2011/10/14	00:15	288	260	
45	13	58.73224	-136.11534	208 ✓	2011/10/14	17:36	146	130	
46	16	58.89566	-136.09285	209 ✓	2011/10/14	18:42	313	280	
47	20	59.08618	-136.37184	210 ✓	2011/10/14	20:11	179	160	
		__.__	__.__		__/__/__	__:__			

NOTE: No SSLs @ Gloomy haulout 10/13 PM.
This cruise delayed by UAF avail. + poor weather.