OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: WGS 84

Name: Yumi Erica

Logbook Page: 7

Cast Name: C1[illegible]00 (CTD id / Dump # / Cast #)	Date: 20080109 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 1 : (AKST or AKDT)
Lat: (decimal degrees) 58.60216 (°,',"):	Lon: (decimal degrees) -136.50070 (°,',"): 7	Time GPS position: 14:31
Depth: (m) [illegible]	CTD dropped to (m): 70	Station# 23 / WP# 280
Comments: edge of ice, 0.3 nm from station. hit bottom		Location: head of Geikie
Tide Low height: -0.6	Time since Low: [illegible]	Tide High height: 5.32 Time since High: +45
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: Willoughby

-360

Cast Name: C1[illegible]01 (CTD id / Dump # / Cast #)	Date: 20080109 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : (AKST or AKDT)
Lat: (decimal degrees) 58.65994 (°,'"):	Lon: (decimal degrees) -136.36643 (°,',"):	Time GPS position: 14:59
Depth: (m) 527 ft	CTD dropped to (m): 150	Station# 22 / WP# 282
Comments:		Location: Entrance to Geikie
Tide Low height: -0.6	Time since Low: [illegible]	Tide High height: 5.32 Time since High: [illegible]
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: Willoughby

-332 +73

Cast Name: C1[illegible]02 (CTD id / Dump # / Cast #)	Date: 20080110 (Y Y Y Y M M D D)	Time CTD on (24 hr clock): : (AKST or AKDT)
Lat: (decimal degrees) 58.81031 (°,',"):	Lon: (decimal degrees) -136.47235 (°,',"):	Time GPS position: 9:27
Depth: (m) 435	CTD dropped to (m): 300	Station# 007 / WP# 284
Comments: [illegible] 0.93		Location: N of Blue Mouse, no tide
Tide Low height: [illegible]	Time since Low: [illegible]	Tide High height: [illegible] Time since High: [illegible]
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: composite

+48 -299

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: WGS84

Name: Yumi Erica

Logbook Page: 2

Cast Name: C [redacted] 03 (CTD id / Dump # / Cast #)

Date: 2008 01 10 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) 58.81031 (°,',"):

Lon: (decimal degrees) -136.47231 (°,',"):

Time GPS position: 12:10

Depth: (m) 146

CTD dropped to (m): 140

Station# 053

WP# 285

Comments: H₂O is a little choppy

Location: SC Tlingit

Tide Low height: 0.98 Time since Low: +209

Tide High height: 5.44 Time since High: -137

Sampling: Oceanography Sonic Bottom Dive Other:

Tide Station: MUIR

Cast Name: C [redacted] 04 (CTD id / Dump # / Cast #)

Date: 2008 01 10 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) 58.79135 (°,',"):

Lon: (decimal degrees) -136.10844 (°,',"):

Time GPS position: 12:32

Depth: (m) 81

CTD dropped to (m): 70

Station# 049

WP# 288

Comments:

Location: MUIR SILL

Tide Low height: 0.98 Time since Low: +231

Tide High height: 5.44 Time since High: -115

Sampling: Oceanography Sonic Bottom Dive Other:

Tide Station: MUIR

Cast Name: C [redacted] 05 (CTD id / Dump # / Cast #)

Date: 2008 01 10 (Y Y Y Y M M D D)

Time CTD on (24 hr clock): : AKST or AKDT

Lat: (decimal degrees) 58.89603 (°,',"):

Lon: (decimal degrees) -136.09357 (°,',"):

Time GPS position: 12:56

Depth: (m) 313

CTD dropped to (m): 300

Station# 016

WP# 289

Comments:

Location: E of Hunter cove

Tide Low height: 0.98 Time since Low: +255

Tide High height: 5.44 Time since High: -71

Sampling: Oceanography Sonic Bottom Dive Other:

Tide Station: MUIR

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: WGS 84

Name: YUMI ERICA Logbook Page: 3

Cast Name: C [redacted] 06 (CTD id / Dump # / Cast #)

Date: 2008 06 10 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) 58.704011 (°,',"):

Lon: (decimal degrees) -136.232766 (°,',"):

Time GPS position: 13:59

Depth: (m) 289

CTD dropped to (m): [redacted] 180

Station# 005 WP# 290

Comments:

Location: N Drake N marble

Tide Low height: 0.98 Time since Low: +3 13 Tide High height: 5.3 Time since High: -31

Sampling: (Oceanography) Sonic Bottom Dive Other: Tide Station: Willoughby

---

Cast Name: C [redacted] 07 (CTD id / Dump # / Cast #)

Date: 2008 06 10 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) . (°,',"):

Lon: (decimal degrees) . (°,',"):

Time GPS position: 14:19

Depth: (m) 112

CTD dropped to (m): 100

Station# 004 WP# 292

Comments: Not deep enough BAD CAST

Location: ~~S of Willoughby~~ N Drake

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: (Oceanography) Sonic Bottom Dive Other: Tide Station: Willoughby

---

Cast Name: C [redacted] 08 (CTD id / Dump # / Cast #)

Date: 2008 06 11 10 (Y Y Y Y M M D D)

Time CTD on (24 hr clock): : AKST or AKDT

Lat: (decimal degrees) 58.649111 (°,',"):

Lon: (decimal degrees) -136.116881 (°,',"):

Time GPS position: 14:25

Depth: (m) 288

CTD dropped to (m): 280

Station# 004 WP# 295

Comments: 2nd cast at Stn.

Location: SL N. DRAKE

Tide Low height: .98 Time since Low: +350 Tide High height: 5.3 Time since High: +6

Sampling: (Oceanography) Sonic Bottom Dive Other: Tide Station: Willoughby

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: WGS 84

Name: YUMI ERICA Logbook Page: 4

Cast Name: C1[redacted]00 (CTD id / Dump # / Cast #)

Date: 2008 0111 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) 58.32756 (°,',"):

Lon: (decimal degrees) -135.87285 (°,',"):

Time GPS position: 11:10

Depth: (m) ~~53~~ 60m

CTD dropped to (m): 60m

Station# 003 WP# 294

Comments:

Location: ICY STRAIGHT

Tide Low height: 0.84 Time since Low: +137 Tide High height: 4.75 Time since High: -217

Sampling: (Oceanography) Sonic Bottom Dive Other: Tide Station: BARTLETT

Cast Name: C1[redacted]01 (CTD id / Dump # / Cast #)

Date:

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) . (°,',"):

Lon: (decimal degrees) . (°,',"):

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station# WP#

Comments: BAD CAST

Location:

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: Oceanography Sonic Bottom Dive Other: Tide Station:

Cast Name: C1[redacted]02 (CTD id / Dump # / Cast #)

Date: 2008 0111 (Y Y Y Y M M D D)

Time CTD on (24 hr clock): : AKST or AKDT

Lat: (decimal degrees) 58.41303 (°,',"):

Lon: (decimal degrees) -135.95551 (°,',"):

Time GPS position: 11:36

Depth: (m) 62

CTD dropped to (m): 60

Station# 001 WP# 295

Comments:

Location: Mouth of GLBA

Tide Low height: .84 Time since Low: +163 Tide High height: 4.75 Time since High: -191

Sampling: (Oceanography) Sonic Bottom Dive Other: Tide Station: Bartlett

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: WGS 84

Na ERICA YUMI

Logbook Page: 5

Cast Name: C1[redacted]03 (CTD id / Dump # / Cast #)	Date: 20080111 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.49150 (°,',"):	Lon: (decimal degrees) -136.0521 (°,',"): 3	Time GPS position: 11:54
Depth: (m) 93	CTD dropped to (m): 80	Station# 002 / WP# 296
Comments:		Location: SITAKADAY NAR.
Tide Low height: .84 Time since Low: 181	Tide High height: 4.75 Time since High: -173	
Sampling: Oceanography Sonic Bottom Dive Other:	Tide Station: BARTLETT	

Cast Name: C1[redacted]04 (CTD id / Dump # / Cast #)	Date: 20080111 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.57223	Lon: (decimal degrees) -136.06557 (°,',"):	Time GPS position: 12:11
Depth: (m) 112	CTD dropped to (m): 110	Station# 003 / WP# 297
Comments:		Location: N DRAKE N MARBLE
Tide Low height: .87 Time since Low: 174	Tide High height: 5.17 Time since High: -169	
Sampling: Oceanography Sonic Bottom Dive Other:	Tide Station: Willoughby	

Cast Name: C1[redacted]05 (CTD id / Dump # / Cast #)	Date: 20080111 (Y Y Y Y M M D D)	Time CTD on (24 hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.65076 (°,',"):	Lon: (decimal degrees) -136.11520 (°,',"):	Time GPS position: 12:32
Depth: (m) 280	CTD dropped to (m): 170	Station# 004 / WP# 298
Comments: We only dropped to 170 due to bad weather 4-5 ft seas		Location: SE Willoughby I >
Tide Low height: .87 Time since Low: 195	Tide High height: 5.17 Time since High: -148	
Sampling: Oceanography Sonic Bottom Dive Other:	Tide Station: Willoughby	

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

Logbook Page: _____

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Cast Name: C [CTD id] [Dump #] [Cast #]

Date: Y Y Y Y M M D D

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) (°,',"):

Lon: (decimal degrees) (°,',"):

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station#

WP#

Comments:

Location:

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: Oceanography Sonic Bottom Dive Other: Tide Station:

Cast Name: C [CTD id] [Dump #] [Cast #]

Date: Y Y Y Y M M D D

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees)):

Lon: (decimal degrees) (°,',"):

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station#

WP#

Comments:

Location:

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: Oceanography Sonic Bottom Dive Other: Tide Station:

Cast Name: C [CTD id] [Dump #] [Cast #]

Date: Y Y Y Y M M D D

Time CTD on (24 hr clock): : AKST or AKDT

Lat: (decimal degrees) (°,',"):

Lon: (decimal degrees) (°,',"):

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station#

WP#

Comments:

Location:

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: Oceanography Sonic Bottom Dive Other: Tide Station:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: NAD 83

Na Arimitsu Madison

Logbook Page: 1

Cast Name: C1[redacted]00 (CTD id / Dump # / Cast #)	Date: 20080318 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 09:02 AKST or AKDT
Lat: (decimal degrees) 58.79188 (°,',"):	Lon: (decimal degrees) -136.10851 (°,',"):	Time GPS position: :
Depth: (m) 81	CTD dropped to (m): 70	Station# 14 / WP# 302
Comments: time on GPS not in DST CTD		Location: M[illegible] Sill
Tide Low height: 1.04 Time since Low: +216	Tide High height: 4.86 Time since High: -141	
Sampling: Oceanography Sonic Bottom Dive Other:	Tide Station: MUIR	

Cast Name: C1[redacted]01 (CTD id / Dump # / Cast #)	Date: 20080318 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 09:26 AKST or AKDT
Lat: (decimal degrees) 58.89573 (°,',"):	Lon: (decimal degrees) -136.09363 (°,',"):	Time GPS position: :
Depth: (m) 313	CTD dropped to (m): 300	Station# 016 / WP# 303
Comments: depth sounder not work		Location: E of Hunter Cove
Tide Low height: 1.04 Time since Low: +240	Tide High height: 4.86 Time since High: -117	
Sampling: Oceanography Sonic Bottom Dive Other:	Tide Station: MUIR	

Cast Name: C1[redacted]02 (CTD id / Dump # / Cast #)	Date: 20080318 (Y Y Y Y M M D D)	Time CTD on (24 hr clock): 09:53 AKST or AKDT
Lat: (decimal degrees) 58.97484 (°,',"):	Lon: (decimal degrees) -136.13686 (°,',"):	Time GPS position: :
Depth: (m) 212	CTD dropped to (m): 200	Station# 17 / WP# 304
Comments: 367 ft		Location: E of W dalton pt
Tide Low height: 1.04 Time since Low: +267	Tide High height: 4.86 Time since High: -90	
Sampling: Oceanography Sonic Bottom Dive Other:	Tide Station: MUIR	

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

Name: Annitsu Madison

Logbook Page: 2

Cast Name: C 1 [illegible] 03 (CTD id / Dump # / Cast #)	Date: 2 0 0 8 0 3 1 8 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 10:17 AKST or AKDT
Lat: (decimal degrees) 59.05017 (°,',"):	Lon: (decimal degrees) -136.18535 (°,',"):	Time GPS position: :
Depth: (m) 214	CTD dropped to (m): 210	Station# 01 8 / WP# 3 0 5
Comments:		Location: S Rigin NW McBride
Tide Low height: +1.04	Time since Low: +291	Tide High height: 4.86 Time since High: -66
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: MUIR

Cast Name: C [illegible] 04 (CTD id / Dump # / Cast #)	Date: 2 0 0 8 0 3 1 8 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 11:50 AKST or AKDT
Lat: (decimal degrees) 58.73269 (°,',"):	Lon: (decimal degrees) -136.11343 (°,',"):	Time GPS position: :
Depth: (m) 280	CTD dropped to (m): 280	Station# 1 3 / WP# 3 0 6
Comments:		Location: SE Tlingit Pt
Tide Low height: -.17	Time since Low: -355	Tide High height: 4.86 Time since High: +33
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: MUIR

Cast Name: C [illegible] 05 (CTD id / Dump # / Cast #)	Date: 2 0 0 8 0 3 1 8 (Y Y Y Y M M D D)	Time CTD on (24 hr clock): 15:54 AKST or AKDT
Lat: (decimal degrees) 58.81173 (°,',"):	Lon: (decimal degrees) -136.47357 (°,',"):	Time GPS position: 15:52
Depth: (m) 435	CTD dropped to (m): 300	Station# 0 7 / WP# 4 0 9
Comments:		Location: N Blue Mouse W. Tide
Tide Low height: -.17	Time since Low: -115	Tide High height: 4.86 Time since High: +272
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: Composite

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: NAD 83

Na Anmitsu Madison

Logbook Page: 3

Cast Name: C [redacted] 06 (CTD id / Dump # / Cast #)	Date: 2008 03 18 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 16:59 (27) AKST or AKDT ?
Lat: (decimal degrees) 58.75234 (°,',"):	Lon: (decimal degrees) -136.35263 (°,',"):	Time GPS position: 16:[illegible] (26) ?
Depth: (m) 280	CTD dropped to (m): 280	Station# 06 / WP# 411
Comments:		Location: Btwn N Drake & SW Thrum 4 of Hugh Miller
Tide Low height: -0.17 Time since Low: -82	Tide High height: 4.86 Time since High: +305	
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: Composite

Cast Name: C [redacted] 07 (CTD id / Dump # / Cast #)	Date: 2008 03 18 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 16:57 AKST or AKDT
Lat: (decimal degrees) 58.70446	Lon: (decimal degrees) -136.23315 (°,',"):	Time GPS position: :
Depth: (m) 366	CTD dropped to (m): 300	Station# 05 / WP# 412
Comments:		Location: ~~N of D~~ Btwn N Drake Tlingit
Tide Low height: -.17 Time since Low: -51	Tide High height: +4.71 Time since High: +339	
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: Willoughby

Cast Name: C [redacted] 08 (CTD id / Dump # / Cast #)	Date: 2008 03 18 (Y Y Y Y M M D D)	Time CTD on (24 hr clock): 17:37 AKST or AKDT
Lat: (decimal degrees) 58.65122 (°,',"):	Lon: (decimal degrees) -136.11580 (°,',"):	Time GPS position: :
Depth: (m) 288	CTD dropped to (m): 280	Station# 04 / WP# 413
Comments:		Location: ~~N of Drake~~ N Drake N Marble SE of Willoughby
Tide Low height: -.17 Time since Low: -11	Tide High height: +4.71 Time since High: +379	
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: Willoughby

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

Name: Arimitsu Madison

Logbook Page: 4

Cast Name: C1 [illegible] 0[illegible] (CTD id / Dump # / Cast #)	Date: 2008 03 19 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 8:18 AKST or AKDT
Lat: (decimal degrees) 58.41256 (°,',"):	Lon: (decimal degrees) -135.99512 (°,',"):	Time GPS position: 8:18
Depth: (m) 62	CTD dropped to (m): 60	Station# 0[illegible] / WP# 418
Comments:		Location: North of GLBA
Tide Low height: 0.52 Time since Low: +153	Tide High height: 4.52 Time since High: -216	
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: BARTLETT

Cast Name: C1 [illegible] 01 (CTD id / Dump # / Cast #)	Date: 0319 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 8:40 AKST or AKDT
Lat: (decimal degrees) 58.49005 (°,',"):	Lon: (decimal degrees) -136.05177 (°,',"):	Time GPS position: :
Depth: (m) 93	CTD dropped to (m): 90	Station# 02 / WP# 416
Comments:		Location: Sitakaday
Tide Low height: 0.52 Time since Low: +175	Tide High height: 4.52 Time since High: -194	
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: BARTLET

Cast Name: C1 [illegible] 02 (CTD id / Dump # / Cast #)	Date: 2008 05 19 (Y Y Y Y M M D D)	Time CTD on (24 hr clock): 9:00 AKST or AKDT
Lat: (decimal degrees) 58.57171 (°,',"):	Lon: (decimal degrees) -136.06511 (°,',"):	Time GPS position: 8:59
Depth: (m) 112	CTD dropped to (m): 100	Station# 003 / WP# 417
Comments:		Location: SE Willoughby / S
Tide Low height: 0.52 Time since Low: +195	Tide High height: 4.52 Time since High: -174	
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: Willoughby

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

Waypoint Datum: NAD 83

ne: Yumi Erica

Logbook Page: 5

Cast Name: C 1 0 1 7 5 0 3 (CTD id / Dump # / Cast #)	Date: 2 0 0 8 0 3 1 9 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 1 1 : 5 0 AKST or AKDT
Lat: (decimal degrees) 5 8 . 6 5 7 6 9 (°,',"):	Lon: (decimal degrees) - 1 3 6 . 3 6 5 4 3 (°,',"):	Time GPS position: :
Depth: (m) 155	CTD dropped to (m): 150	Station# 2 2 / WP# 4 1 8
Comments:		Location: ENTRANCE GEIKI
Tide Low height: 0.56 Time since Low: +341	Tide High height: 4.95 Time since High: -17	
Sampling: Oceanography Sonic Bottom Dive Other:	Tide Station: Willoughby	

Cast Name: C 1 0 1 7 5 0 4 (CTD id / Dump # / Cast #)	Date: 2 0 0 8 0 3 1 9 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): 1 2 : 2 0 AKST or AKDT
Lat: (decimal degrees) 5 8 . 5 9 8 1 2 (°,',"):	Lon: (decimal degrees) - 1 3 6 . 5 0 6 4 5 (°,',"):	Time GPS position: :
Depth: (m) 66	CTD dropped to (m): 60	Station# 2 3 / WP# 4 1 9
Comments: didnt make it to stn because of pan ice		Location: head of Geiki
Tide Low height: -0.31 Time since Low: -378	Tide High height: 4.95 Time since High: +13	
Sampling: Oceanography Sonic Bottom Dive Other:	Tide Station: Willoughby	

Cast Name: C (CTD id / Dump # / Cast #)	Date: (Y Y Y Y M M D D)	Time CTD on (24 hr clock): : AKST or AKDT
Lat: (decimal degrees) . (°,',"):	Lon: (decimal degrees) . (°,',"):	Time GPS position: :
Depth: (m)	CTD dropped to (m):	Station# / WP#
Comments:		Location:
Tide Low height: Time since Low:	Tide High height: Time since High:	
Sampling: Oceanography Sonic Bottom Dive Other:	Tide Station:	

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

me:_____ Logbook Page: _____

Cast Name: C [redacted]
CTD id Dump # Cast #

Date: Y Y Y Y M M D D

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) . (°,',"):

Lon: (decimal degrees) . (°,',"):

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station#

WP#

Comments:

Location:

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: Oceanography Sonic Bottom Dive Other : Tide Station:

Cast Name: C [redacted]
CTD id Dump # Cast #

Date: Y Y Y Y M M D D

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) . (°,',"):

Lon: (decimal degrees) . (°,',"):

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station#

WP#

Comments:

Location:

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: Oceanography Sonic Bottom Dive Other : Tide Station:

Cast Name: C [redacted]
CTD id Dump # Cast #

Date: Y Y Y Y M M D D

Time CTD on (24 hr clock): : AKST or AKDT

Lat: (decimal degrees) . (°,',"):

Lon: (decimal degrees) . (°,',"):

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station#

WP#

Comments:

Location:

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: Oceanography Sonic Bottom Dive Other : Tide Station:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: ~~[illegible]~~ WGS84

ne: Arimutsu, Madison

Logbook Page: 1

Cast Name: C 1 174 00 (CTD id / Dump # / Cast #)	Date: 20080625 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.97155 (°,',"):	Lon: (decimal degrees) 136.91708 (°,',"):	Time GPS position: 8:54
Depth: (m) 338	CTD dropped to (m): 300	Station# 1 1 / WP# 4 2 1
Comments:		Location: Tarr Inlet
Tide Low height: .46	Time since Low: -236	Tide High height: 4.21 Time since High: 151
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station: Composite

Cast Name: C 1 174 01 (CTD id / Dump # / Cast #)	Date: 20080625 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : AKST or AKDT
Lat: (decimal degrees) 59.03333 (°,',")	Lon: (decimal degrees) 137.01845 (°,',"):	Time GPS position: 9:27
Depth: (m) 288	CTD dropped to (m): 280	Station# 1 2 / WP# 4 2 2
Comments: ~~[illegible]~~ hit bottom gently but conductivity cell looks OK		Location: head of Tarr Inlet
Tide Low height: .46	Time since Low: -200	Tide High height: 4.21 Time since High: ~~Composite~~ +187
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station: Composite

Cast Name: C 02 (CTD id / Dump # / Cast #)	Date: 080625 (Y Y Y Y M M D D)	Time CTD on (24 hr clock): : AKST or AKDT
Lat: (decimal degrees) 59.04710 (°,',"):	Lon: (decimal degrees) 137.05112 (°,',"):	Time GPS position: 9:46
Depth: (m) 230	CTD dropped to (m): 220	Station# 2 1 / WP# 4 2 3
Comments: 0.2 nm from station		Location: Margerie & Grand Pacific
Tide Low height: .46	Time since Low: -181	Tide High height: 4.21 Time since High: +206
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station: Composite

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: WGS 84

Name: Armutos Madison

Logbook Page: 2

Cast Name: C1 174 03 (CTD id / Dump # / Cast #)	Date: 20080625 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.89903 (°,',"):	Lon: (decimal degrees) 136.84045 (°,',"):	Time GPS position: 11:41
Depth: (m) 361	CTD dropped to (m): 300	Station# 010 / WP# 424
Comments:		Location: N of Red Inlet
Tide Low height: .46	Time since Low: -66	Tide High height: 4.21 Time since High: +321
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: Composite

Cast Name: C1 174 04 (CTD id / Dump # / Cast #)	Date: 20080625 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.89770 (°,',"):	Lon: (decimal degrees) 136.73737 (°,',"):	Time GPS position: 13:20
Depth: (m) 377	CTD dropped to (m): 300	Station# 09 / WP# 425
Comments:		Location: SE Russell Isl
Tide Low height: .46	Time since Low: +83	Tide High height: 4.62 Time since High: -353
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: Composite

Cast Name: C1 0174 05 (CTD id / Dump # / Cast #)	Date: 20080625 (Y Y Y Y M M D D)	Time CTD on (24 hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.86571 (°,',"):	Lon: (decimal degrees) 136.59178 (°,',"):	Time GPS position: 13:59
Depth: (m) 426	CTD dropped to (m): 300	Station# 08 / WP# 426
Comments:		Location: S of Rendu Inlet
Tide Low height: .46	Time since Low: +72	Tide High height: 4.62 Time since High: -314
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station: Composite

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: WGS 84

me: Arimitsu Madison Logbook Page: 3

Cast Name: C1 174 06 (CTD id / Dump # / Cast #)

Date: Y Y Y Y M M D D: 0625

Time CTD on (24-hr clock): : AKST or AKDT

Time GPS position: 18:15

Lat: (decimal degrees) (°,',"): 59.04932

Lon: (decimal degrees) (°,',"): 136.18471

Depth: (m) 214 **CTD dropped to (m):** 200

Station# 618 **WP#** 427

Comments:

Location: SW Riggs NW McBride

Tide Low height: 2.46 **Time since Low:** 326 **Tide High height:** 4.62 **Time since High:** -59

Sampling: Oceanography Sonic Bottom Dive Other : **Tide Station:** MUIR

Cast Name: C1 174 07 (CTD id / Dump # / Cast #)

Date: Y Y Y Y M M D D: 0625

Time CTD on (24-hr clock): : AKST or AKDT

Time GPS position: 18:46

Lat: (decimal degrees) (°,',"): 58.97462

Lon: (decimal degrees) (°,',"): 136.13634

Depth: (m) 212 **CTD dropped to (m):** 200

Station# 017 **WP#** 428

Comments:

Location: E of Westdahl Pt

Tide Low height: .46 **Time since Low:** 357 **Tide High height:** 4.62 **Time since High:** -28

Sampling: Oceanography Sonic Bottom Dive Other : **Tide Station:** MUIR

Cast Name: C1 174 08 (CTD id / Dump # / Cast #)

Date: Y Y Y Y M M D D: 0625

Time CTD on (24 hr clock): : AKST or AKDT

Time GPS position: 19:14

Lat: (decimal degrees) (°,',"): 58.89555

Lon: (decimal degrees) (°,',"): 136.09329

Depth: (m) 313 **CTD dropped to (m):** 300

Station# 16 **WP#** 429

Comments:

Location: E of Hunter Cove

Tide Low height: .46 **Time since Low:** 380 **Tide High height:** 4.62 **Time since High:** 0

Sampling: Oceanography Sonic Bottom Dive Other : **Tide Station:** MUIR

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Waypoint Datum: WGS 84

Name: Akimitsu Madison

Logbook Page: 4

Cast Name: C 174 09 (CTD id / Dump # / Cast #)	Date: 2008 0625 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.79175 (°,',"):	Lon: (decimal degrees) 136.10815 (°,',"):	Time GPS position: 19:47
Depth: (m) 81	CTD dropped to (m): 70	Station# 14 / WP# 430
Comments:		Location: Muir Sill
Tide Low height: 1.16	Time since Low: -354	Tide High height: ~~[illegible]~~ Time since High: 33
Sampling: Oceanography Sonic Bottom Dive Other: 4.57		Tide Station: Muir

Cast Name: C 174 10 (CTD id / Dump # / Cast #)	Date: 0625 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.75237 (°,',"):	Lon: (decimal degrees) 136.35229 (°,',"):	Time GPS position: 20:23
Depth: (m) 288	CTD dropped to (m): 280	Station# 06 / WP# 431
Comments:		Location: E of Hugh Miller
Tide Low height: ~~[illegible]~~ 1.16	Time since Low: -317	Tide High height: ~~[illegible]~~ Time since High: 70
Sampling: Oceanography Sonic Bottom Dive Other: 4.21		Tide Station: Composite

Cast Name: C (CTD id / Dump # / Cast #)	Date: (Y Y Y Y M M D D)	Time CTD on (24 hr clock): : AKST or AKDT
Lat: (decimal degrees) . (°,',"):	Lon: (decimal degrees) . (°,',"):	Time GPS position: :
Depth: (m)	CTD dropped to (m):	Station# / WP#
Comments:		Location:
Tide Low height:	Time since Low:	Tide High height: Time since High:
Sampling: Oceanography Sonic Bottom Dive Other:		Tide Station:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: WGS 84

me: ARMITSU MADSON Logbook Page: 4

Cast Name: C 1 0 1 7 5 0 0 (CTD id / Dump # / Cast #)

Date: 2008 06 26 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): : AKST or AKDT

Time GPS position: 8 : 27

Lat: (decimal degrees) 58.81142 (°,',"):

Lon: (decimal degrees) 136.47290 (°,',"):

Depth: (m) 435

CTD dropped to (m): 300

Station# 007

WP# 432

Comments:

Location: N Blue Mouse W of Tidal

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: (Oceanography) Sonic Bottom Dive Other : Tide Station: Composite

---

Cast Name: C 1 0 1 7 5 0 1 (CTD id / Dump # / Cast #)

Date: 2008 06 26 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): : AKST or AKDT

Time GPS position: 9 : 19

Lat: (decimal degrees) 58.59848 (°,',"):

Lon: (decimal degrees) 136.50627 (°,',"):

Depth: (m) 66

CTD dropped to (m): 60

Station# 023

WP# 433

Comments:

Location: Mouth of Geikie

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: (Oceanography) Sonic Bottom Dive Other : Tide Station: Willoughby

---

Cast Name: C 1 0 1 7 5 0 2 (CTD id / Dump # / Cast #)

Date: 2008 06 26 (Y Y Y Y M M D D)

Time CTD on (24 hr clock): : AKST or AKDT

Time GPS position: 9 : 38

Lat: (decimal degrees) 58.65794 (°,',"):

Lon: (decimal degrees) 136.36488 (°,',"):

Depth: (m) 155

CTD dropped to (m): 150

Station# 022

WP# 434

Comments:

Location: Mouth of Geikie

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: (Oceanography) Sonic Bottom Dive Other : Tide Station: Willoughby

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: WGS 84

me: Ammitsu Madison

Logbook Page: 5

Cast Name: C1 0175 03 (CTD id / Dump # / Cast #)	Date: 2008 06 26 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.70452 (°,',"):	Lon: (decimal degrees) 136.23292 (°,',"):	Time GPS position: 10:01
Depth: (m) 366	CTD dropped to (m): 300	Station# 005 / WP# 435
Comments:		Location: Between Narrow SW Tunnel Pt
Tide Low height:	Time since Low:	Tide High height: / Time since High:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station: Willoughby

Cast Name: C1 175 04 (CTD id / Dump # / Cast #)	Date: 2008 06 26 (Y Y Y Y M M D D)	Time CTD on (24-hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.73293 (°,',"):	Lon: (decimal degrees) 136.11246 (°,',"):	Time GPS position: 12:25
Depth: (m) 146	CTD dropped to (m): 140	Station# 13 / WP# 436
Comments:		Location: SE Tunnel, NW Sturgeon
Tide Low height:	Time since Low:	Tide High height: / Time since High:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

Cast Name: C1 175 05 (CTD id / Dump # / Cast #)	Date: 2008 06 26 (Y Y Y Y M M D D)	Time CTD on (24 hr clock): : AKST or AKDT
Lat: (decimal degrees) 58.65025 (°,',"):	Lon: (decimal degrees) 136.11519 (°,',"):	Time GPS position: 10:54
Depth: (m) 288	CTD dropped to (m): 280	Station# 04 / WP# 437
Comments:		Location: N Drake N Marble
Tide Low height:	Time since Low:	Tide High height: / Time since High:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: WGS 84

me: ARMITSU MADISON Logbook Page: 6

Cast Name: C 1 0 1 7 5 0 6 (CTD id / Dump # / Cast #)

Date: 2008 06 26 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): : AKST or AKDT

Time GPS position: 14:00

Lat: (decimal degrees) 58.413666 (°,',"):

Lon: (decimal degrees) 135.992778 (°,',"):

Depth: (m) 62 **CTD dropped to (m):** 50

Station# 01 **WP#** 438

Comments: 50 large seas cannot sample

Location: Mouth MBG

Tide Low height: **Time since Low:** **Tide High height:** **Time since High:**

Sampling: Oceanography Sonic Bottom Dive Other : **Tide Station:** Bartlett

---

Cast Name: C 1 0 1 7 6 0 ~~7~~ 8 (CTD id / Dump # / Cast #)

Date: 2008 06 26 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): : AKST or AKDT

Time GPS position: 14:30

Lat: (decimal degrees) 58.490003 (°,',"):

Lon: (decimal degrees) -136.05472 (°,',"):

Depth: (m) 93 **CTD dropped to (m):** 80

Station# 002 **WP#** 439

Comments:

Location: Sitakaday Narrows

Tide Low height: **Time since Low:** **Tide High height:** **Time since High:**

Sampling: Oceanography Sonic Bottom Dive Other : **Tide Station:** Bartlett

---

Cast Name: C 1 0 1 7 9 0 8 (CTD id / Dump # / Cast #)

Date: 2008 06 26 (Y Y Y Y M M D D)

Time CTD on (24 hr clock): : AKST or AKDT

Time GPS position: 14:43

Lat: (decimal degrees) 58.57167 (°,',"):

Lon: (decimal degrees) 136.063174 (°,',"):

Depth: (m) 112 **CTD dropped to (m):** 100

Station# 03 **WP#** 440

Comments:

Location: SE Willoughby

Tide Low height: **Time since Low:** **Tide High height:** **Time since High:**

Sampling: Oceanography Sonic Bottom Dive Other : **Tide Station:**

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

me:_____ Logbook Page: _____

Cast Name: C [CTD id] [Dump #] [Cast #]

Date: Y Y Y Y M M D D

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) (°,',"):

Lon: (decimal degrees) (°,',"):

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station#

WP#

Comments:

Location:

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: Oceanography Sonic Bottom Dive Other: Tide Station:

Cast Name: C [CTD id] [Dump #] [Cast #]

Date: Y Y Y Y M M D D

Time CTD on (24-hr clock): : AKST or AKDT

Lat: (decimal degrees) (°,',"):

Lon: (decimal degrees) (°,',"):

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station#

WP#

Comments:

Location:

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: Oceanography Sonic Bottom Dive Other: Tide Station:

Cast Name: C [CTD id] [Dump #] [Cast #]

Date: Y Y Y Y M M D D

Time CTD on (24 hr clock): : AKST or AKDT

Lat: (decimal degrees) (°,',"):

Lon: (decimal degrees) (°,',"):

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station#

WP#

Comments:

Location:

Tide Low height: Time since Low: Tide High height: Time since High:

Sampling: Oceanography Sonic Bottom Dive Other: Tide Station:

DUMP #176 FIELD

LOG SHEETS NOT

AVAILABLE

** Waypoint Datum:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: Moynahan / Sharman / Danielson

Logbook Page: _____

Cast Name: c01 17 7 00 (CTD id / Dump # / Cast #)	Date: 2008 10 15 (Y Y Y Y M M D D)	Time CTD on: : AKST or AKDT
Lat: (decimal degrees) 59.04803	Lon: (decimal degrees) 137.05783	Time GPS position: :
Depth: (m) 192	CTD dropped to (m): 180	Station# 021 / WP# 454
Comments:		Location: Marjorie / Grand Pacific
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

Cast Name: c01 17 7 01 (CTD id / Dump # / Cast #)	Date: 2008 10 15 (Y Y Y Y M M D D)	Time CTD on: 10:45 AKST or AKDT
Lat: (decimal degrees) 59.03358	Lon: (decimal degrees) 137.01953	Time GPS position: 10:45
Depth: (m) 282	CTD dropped to (m): 270	Station# 012 / WP# 455
Comments:		Location: Head of Tarr Inlet
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

Cast Name: c01 17 7 02 (CTD id / Dump # / Cast #)	Date: 2008 10 15 (Y Y Y Y M M D D)	Time CTD on: 11:14 AKST or AKDT
Lat: (decimal degrees) 58.97193	Lon: (decimal degrees) 136.91621	Time GPS position: 11:13
Depth: (m) 330+	CTD dropped to (m): 300	Station# 011 / WP# 456
Comments:		Location: Tarr Inlet
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

Dump # 177 not 178

** Waypoint Datum:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: Moynahan / Sharman / Danielson

Logbook Page: _____

Cast Name: c0117803 (CTD id / Dump # / Cast #)	Date: 20081015 (Y Y Y Y M M D D)	Time CTD on: 11:46 AKST or AKDT
Lat: (decimal degrees) 58.89912	Lon: (decimal degrees) 136.83975	Time GPS position: 11:45
Depth: (m) ~361	CTD dropped to (m): 300	Station# 010 / WP# 457
Comments:		Location: N. of Reid Inlet
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

Cast Name: c0117804 (CTD id / Dump # / Cast #)	Date: 20081015 (Y Y Y Y M M D D)	Time CTD on: 12:13 AKST or AKDT
Lat: (decimal degrees) 58.89753	Lon: (decimal degrees) 136.73537	Time GPS position: 12:12
Depth: (m) ~377	CTD dropped to (m): 300	Station# 009 / WP# 458
Comments:		Location: SE of Russell Island
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

Cast Name: c0117805 (CTD id / Dump # / Cast #)	Date: 20081016 (Y Y Y Y M M D D)	Time CTD on: 11:39 AKST or AKDT
Lat: (decimal degrees) 58.86507	Lon: (decimal degrees) 136.59079	Time GPS position: 11:39
Depth: (m) ~426	CTD dropped to (m): 300	Station# 008 / WP# 459
Comments:		Location: S of Rendu Inlet
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

** Waypoint Datum:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: Moynahan / Shannon / Davidson Logbook Page: _____

Cast Name: c 0 1 1 7 ~~8~~ 0 6 (CTD id / Dump # / Cast #)
Date: 2 0 0 8 / 1 0 / 1 6 (Y Y Y Y M M D D)
Time CTD on: 1 2 : 0 6 AKST or AKDT
Lat: (decimal degrees) 5 8 . 8 1 1 3 3
Lon: (decimal degrees) 1 3 6 . 4 7 1 3 4
Time GPS position: 1 2 : 0 6
Depth: (m) ~435
CTD dropped to (m): 300
Station# 0 0 7 **WP#** 4 6 0
Comments:
Location: N of Blue Mouse, W of Tidal Inlet
Tide High Height: **Low height:** **Time since high:** **Time since low:**
Sampling: (Oceanography) Sonic Bottom Dive Other : **Tide Station:**

Cast Name: c 0 1 1 7 ~~8~~ 0 7 (CTD id / Dump # / Cast #)
Date: 2 0 0 8 / 1 0 / 1 6 (Y Y Y Y M M D D)
Time CTD on: 1 2 : 3 4 AKST or AKDT
Lat: (decimal degrees) 5 8 . 7 5 1 1 9
Lon: (decimal degrees) 1 3 6 . 3 4 9 5 0
Time GPS position: 1 2 : 3 5
Depth: (m) 236
CTD dropped to (m): 220
Station# 0 0 6 **WP#** 4 6 1
Comments:
Location: E of Hugh Miller Inlet
Tide High Height: **Low height:** **Time since high:** **Time since low:**
Sampling: (Oceanography) Sonic Bottom Dive Other : **Tide Station:**

Cast Name: c 0 1 1 7 ~~8~~ 0 8 (CTD id / Dump # / Cast #)
Date: 2 0 0 8 / 1 0 / 1 7 (Y Y Y Y M M D D)
Time CTD on: 1 1 : 0 3 AKST or AKDT
Lat: (decimal degrees) 5 8 . 3 2 5 5 6
Lon: (decimal degrees) 1 3 5 . 8 7 1 9 6
Time GPS position: 1 1 : 0 1
Depth: (m) 59
CTD dropped to (m): 50
Station# 0 0 0 **WP#** 4 6 2
Comments: Downcast OK, yo-yo first 10m of retrieval
New batteries before this cast
Location: Icy Strait
Tide High Height: **Low height:** **Time since high:** **Time since low:**
Sampling: (Oceanography) Sonic Bottom Dive Other : **Tide Station:**

New Batteries 10/17

** Waypoint Datum:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: Moynahan / Sharman

Logbook Page: _____

Cast Name: c 0 1 1 7 ~~8 0 9~~ 7 1 0 (CTD id / Dump # / Cast #)	Date: 2 0 0 8 1 0 1 7 (Y Y Y Y M M D D)	Time CTD on: 1 1 : 5 0 AKST or AKDT
Lat: (decimal degrees) 5 8 . 4 1 2 6 5	Lon: (decimal degrees) 1 3 5 . 9 9 5 0 3	Time GPS position: 1 1 : 4 9
Depth: (m) 61	CTD dropped to (m): 50	Station# 0 0 1 / WP# 4 6 3
Comments:		Location: Mouth of Glacier Bay
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

Cast Name: c 0 1 1 7 ~~8 1 0~~ 7 1 1 (CTD id / Dump # / Cast #)	Date: 2 0 0 8 1 0 1 7 (Y Y Y Y M M D D)	Time CTD on: 1 2 : 2 1 AKST or AKDT
Lat: (decimal degrees) 5 8 . 4 9 1 1 3	Lon: (decimal degrees) 1 3 6 . 0 5 2 3 2	Time GPS position: 1 2 : 2 2
Depth: (m) 89	CTD dropped to (m): 80	Station# 0 0 2 / WP# 4 6 4
Comments:		Location: Sitakaday Narrows
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

Cast Name: c 0 1 1 7 ~~8 1 1~~ 7 1 2 (CTD id / Dump # / Cast #)	Date: 2 0 0 8 1 0 1 7 (Y Y Y Y M M D D)	Time CTD on: 1 2 : 4 8 AKST or AKDT
Lat: (decimal degrees) 5 8 . 5 7 2 1 3	Lon: (decimal degrees) 1 3 6 . 0 6 5 5 4	Time GPS position: 1 2 : 4 8
Depth: (m) 111	CTD dropped to (m): 100	Station# 0 0 3 / WP# 4 6 5
Comments:		Location: S.E. of Willoughby Island
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other :		Tide Station:

Cast 09 not found in data files