OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & L. de la Bruere

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Dump #: C20051	Cast #: C00	Date: 010500	Time CTD on: 100852
UTMX: 442045	UTMY: 6475027	Zone: 8	Time GPS position: 110021
Depth: (m, Ft, Fa) 065.00	CTD dropped to: 050.00	Station# 001	WP# 050
hi height: 4.70m lo height: 1.19m Comments: Tide: height 14.6ft Flooding Time Since/to hi: -70 lo: 293		Location: Marth Glacier Bay	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20051	Cast #: C01	Date: 010500	Time CTD on: 114352
UTMX: 458859	UTMY: 6483730	Zone: 8	Time GPS position: 114200
hi height: 4.70m lo height: 1.19m Depth: (m, Ft, Fa) 092.00	CTD dropped to: 080.00	Station# 002	WP# 051
Time Since/to hi: -35 lo: 328 Comments: Tide: 15.6ft (height)		Location: Sitakaday	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20051	Cast #: C02	Date: 010500	Time CTD on: 122051
UTMX: ~~0458~~ 458157	UTMY: 6492691	Zone: 8	Time GPS position: 121900
hi height: 5.13m lo height: 1.22m Depth: (m, Ft, Fa) 118	CTD dropped to: 110.00	Station# 003	WP# 052
Time Since/to hi: -11 lo: 361 Comments:		Location: SE of Willoughby Island	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick, LJ dela Bruere

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Dump #: C 20051	Cast #: C 03	Date: 010500	Time CTD on: 130918
UTMX: 435375	UTMY: 6501572	Zone: 8	Time GPS position: 130800
Depth: (m, Ft, Fa) 299.00	CTD dropped to: 290.00	Station# 004	WP# 053
Comments: hiheight: 5.13m loheight: -0.29m Time Since/To hi: 38 lo: -366		Location: N of Drake Is. & N of Marble Is.	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C 20051	Cast #: C 04	Date: 010500	Time CTD on: 140220
UTMX: 428637	UTMY: 6507612	Zone: 8	Time GPS position: 140100
Depth: (m, Ft, Fa) 350.00	CTD dropped to: 300.00	Station# 005	WP# 054
Comments: hiheight: 5.13m loheight: -0.29m Time Since/To hi: 91 lo: -313		Location: Between N Drake & SW Tlingit Pt	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C 20051	Cast #: C 05	Date: 010500	Time CTD on: 145450
UTMX: 420844	UTMY: 6502570	Zone: 8	Time GPS position: 145300
Depth: (m, Ft, Fa) 159.00	CTD dropped to: 150.00	Station# G22	WP# 055
Comments: hiheight: 5.13m loheight: -0.29m Time Since/To hi: 143 lo: -261		Location: Entrance to Geike	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick, L.J. deLaBruere

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Dump #: C20051

Cast #: C06

Date: 010500

Time CTD on: 153358

UTMX: 415447

UTMY: 6498773

Zone: 8

Time GPS position: 153200

Depth: (m, Ft, Fa) 101.00

CTD dropped to: 090.00

Station# ~~[illegible]~~

WP# 056

hiheight: 5.13m loheight: -0.29m

Comments: Took reading @ edge of ice, couldn't get to station

Location: Head of Geike

TimeSince/To hi: 182 lo: -222

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #: C20051

Cast #: C07

Date: 010500

Time CTD on: 170106

UTMX: 421907

UTMY: 6513853

Zone: 8

Time GPS position: 170000

Depth: (m, Ft, Fa) 265.00

CTD dropped to: 250.00

Station# 006

WP# 057

Comments: hiheight: 5.28m loheight: -0.29m

Location: E of Hugh Miller Inlet

TimeSince/To hi: 266 lo: -105

Bottom type: Hard Soft Unknown

Suface Temp (C): -

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #: C20051

Cast #: C08

Date: 010500

Time CTD on: 175306

UTMX: 414991

UTMY: 6519848

Zone: 8

Time GPS position: 175200

hiheight: 5.28m loheight: -0.29m

Depth: (m, Ft, Fa) 420.00

CTD dropped to: 300.00

Station# 007

WP# 058

TimeSince/To hi: 318 lo: -83

Comments: Cast 0-8 time off-1hr later than actual Real time on dos Program

Location: ~~[illegible]~~ N of Blue Mouse, W of Tidal inlet

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick, LJ de La Bruere

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Dump #:	Cast #:	Date:	Time CTD on:
C20051	C09	010600	083619

UTMX:	UTMY:	Zone:	Time GPS position:
408202 ~~409~~ ~~48202~~	6525940	8	083500

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
429.00	300.00	008	059

Comments: hi height: 5.36m lo height: 1.14m
Time Since/To hi: -274 lo: 79

Location: S of Rendu Inlet

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20051	C10	010600	092638

UTMX:	UTMY:	Zone:	Time GPS position:
400024	6529781	8	092500

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
378.00	300.00	009	060

Comments: hi height: 5.36m lo height: 1.14m
Time Since/To hi: -224 lo: 129

Location: S of Russell Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20051	C11	010600	100454

UTMX:	UTMY:	Zone:	Time GPS position:
394086	6530117	8	100300

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
?482.00	300.00	010	061

Comments: hi height: 5.36m lo height: 1.14m
Time Since/To hi: -186 lo: 167

Location: E of Russell Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

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Glacier Bay National Park & Preserve, Alaska

Name: C. Dick, LJ de LaBruere

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Dump #: C20051	Cast #: C12	Date: 010600	Time CTD on: 105820
UTMX: 389897	UTMY: 6538308	Zone: 8	Time GPS position: 105700
Depth: (m, Ft, Fa) 340.00	CTD dropped to: 300.00	Station# 011	WP# 062
Comments: hiheight: 5.36m loheight: 1.14m Time Since/To hi: -132 lo: 221		Location: Tarr Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20051	Cast #: C13	Date: 010600	Time CTD on: 113819
UTMX: 384271	UTMY: 6545349	Zone: 8	Time GPS position: 113700
Depth: (m, Ft, Fa) 289.00	CTD dropped to: 270	Station# 012	WP# 063
Comments: hiheight: 5.86m loheight: 1.14m Time Since/To hi: -92 lo: ~~[illegible]~~ 261		Location: Head of Tarr Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20051	Cast #: C14	Date: 010600	Time CTD on: 121850
UTMX: 382059	UTMY: 6547013	Zone: 8	Time GPS position: 121700
Depth: (m, Ft, Fa) 206.00	CTD dropped to: 190	Station# 021	WP# 064
Comments: hiheight: 5.36 loheight: 1.14m Time Since/To hi: -52 lo: ~~[illegible]~~ 301		Location: Marjorie (sp?)/ Grand Pacific	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

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Name: C. Dick, Lt deLa Bruere

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Dump #: C20052	Cast #: C00	Date: 010700	Time CTD on: 074119
UTMX: 436027	UTMY: 6517211	Zone: 8	Time GPS position: 074000
Depth: (m, Ft, Fa) 079.00	CTD dropped to: 070.00	Station# 014	WP# 065
hiheight: 4.78m lo height: 1.08m		Location: Muir Sill	
Comments: Water rough, hard to stand on deck, windy (30-40) Time Since/To hi: 327 lo: -13			
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20052	Cast #: C01	Date: 010700	Time CTD on: 082935
UTMX: 435613	UTMY: 6510631	Zone: 8	Time GPS position: 082800
Depth: (m, Ft, Fa) 147.00	CTD dropped to: 130.00	Station# 013	WP# 066
Comments: hiheight: 5.38m lo height: 1.08m Time Since/To hi: -315 lo: 35		Location: SE of Tlingit pt NW of Sturgess	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20052	Cast #: C02	Date: 010700	Time CTD on: 111917
UTMX: 438771	UTMY: 6483594	Zone: 8	Time GPS position: 110800
hiheight: ~~[illegible]~~ m	lo height: ~~[illegible]~~ m		
Depth: (m, Ft, Fa) 093.00 4.81m	CTD dropped to: 080.00 1.05m	Station# 002	WP# 067
Time Since/To hi: -137 lo: 222			
Comments: Tide: height 11.6 ft		Location: Sitakaday	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

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Glacier Bay National Park & Preserve, Alaska

Name: C. Dick

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Dump #: C 20052	Cast #: C 03	Date: 010700	Time CTD on: 122709
UTMX: 441958	UTMY: 6474880	Zone: 8	Time GPS position: 122600
hiheight: 4.81m	loheight: 1.05m		
Depth: (m, Ft, Fa) 069.00	CTD dropped to: 050.00	Station# 001	WP# 008
Time Since/To hi: -59	lo: 300		
Comments: Tide: Height 15.1ft In Green side of dividing line		Location: Mouth of Glacier Bay	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C 20052	Cast #: C 04	Date: 010700	Time CTD on: 133317
UTMX: 448857	UTMY: 6465291	Zone: 8	Time GPS position: 132000
Depth: (m, Ft, Fa) 058.00	CTD dropped to: 050.00	Station# 000	WP# 006
Comments: hiheight: 4.8m loheight: -0.48m		Location: Icy straights, Mouth of Glacier Bay	
Time Since/To hi: 7	lo: -385		
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C	Cast #: C	Date:	Time CTD on:
UTMX:	UTMY:	Zone: 8	Time GPS position:
Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
Comments:		Location:	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

2000 Oceanography 05 January

1025 Depart Bartlett Cove, through Inner lagoon. Jim de LaBruere & C. Dick Headed Mid Bay, will grab Station 00 on return leg. Cloudy, calm, very slight breeze, tide is coming up. Will depend on weather if we go to the East or west arm first.

0700 Anchored in Blue Mouse for the evening, water calm through out the day, but bad visibility due to snow. got all the stations on the way down, including Geike, which was partially iced in, took 2nd reading @ edge of ice. 06 January

Today will continue down West Arm and the head toward East Arm.

Finished West Arm, was able to get all the way to the head, not iced in @ all. Bad visability continued due to snow, but as neared Mid bay, turned to rain. The wind started to pick up also. Bipassed Station 13 due to rough water & Anchored in N Sandy Cove.

0700 07 January

Wind blew all through the night, rainy & windy, departed N Sandy Cove & headed for station 14, water rough, hard to stand on ~~deck~~ deck, waves stacking up. Decided to head back to Bar00 due to weather..

2000 S Marble Is. 07. Jan.
Sea Lion Count

Vessel: TAMNIK
Researchers: C. Dick, L. J. deLaBruere
time: 09:20
tide: 6.1 ft (flooding)
Weather: South winds (30-40 mph)
· Rough H_2O, causing boat to rock.

North tip:
Count: CAO - 70
LJB - 70

E side, cove
Count: CAO - 40
LJB - 42

* There were two that were slightly removed from the other group, but we included them in the count. There was also a pup that was present, not newly born by any means, but still appeared dependant on parent. not yet full grown.

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick

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Dump #:	Cast #:	Date:	Time CTD on:
C 20053	C 00	031600	123431

UTMX:	UTMY:	Zone:	Time GPS position:
441979	6474907	8	123431

hiheight 4.26m loheight: -0.25

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
63.8	50.00	001	070

Time Since hi: 140 lo: -253

Comments: Ebbing; 10.4 ft

~~↑ht 15.4~~ ~~↓ht 0.7~~ ~~since to ↑+127~~ ~~since to ↓-388~~

Location: Mouth of Glacier Bay

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

CNV file says 1357 (over)

Dump #:	Cast #:	Date:	Time CTD on:
C 20053	C 01	051600	145748

UTMX:	UTMY:	Zone:	Time GPS position:
438826	6483529	8	145600

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
091.03	80.00	002	071

hiheight: 4.26m loheight: -0.25m

Comments: Ebbing; 5.2 ft

↑ht 15.4 ↓ht -0.7 since to ↑+270 since to ↓-268

Location: Sitakaday

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Time Since/To hi: 223 lo: -110

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20053	C 02	031700	163845

UTMX:	UTMY:	Zone:	Time GPS position:
438148	6492689	8	163600

hiheight: 5.03m loheight: -0.52m

Time Since/To hi: 310 lo: -84

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
108.00	090.00	003	072

Comments: ~~↑ht 15.4~~ ~~↓ht 0.7~~ ~~since to ↓-33~~ ~~since to ↑+321~~

Location: SE of Willoughby Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

LLE:

Since c2005301 is the only cast where time in .CNV file is different than time listed on data sheet — I'm assuming that the time is correct in the .CNV file & was entered incorrectly on data sheet

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick

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Dump #: C20053

Cast #: C03

Date: 031700

Time CTD on: 172515

UTMX: 438783

UTMY: 6483567

Zone: 8

Time GPS position: 172300

hiheight: 4.60m loheight: -0.55m

Depth: (m, Ft, Fa) 98.00

CTD dropped to: 82.00

Station#: 002

WP#: 073

Time Since/To hi: 370 lo: -13

Comments: LOW TIDE: -1.8ft

↑ht 14.8 ↓ht -.07 Since to ↑-367 Since to ↓+14

Location: Sitakaday

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C20054

Cast #: C00

Date: 031800

Time CTD on: 102015

UTMX: 435406

UTMY: 6501536

Zone: 8

Time GPS position: 102025

Depth: (m) Ft, Fa) 296

CTD dropped to: 270.00

Station#: 004

WP#: 074

hiheight: 5.31m loheight: 0.33m

Comments:

Time Since/To Hi: -120 lo: 239

Location: N. of Marble & N. of Drake Is.

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C20054

Cast #: C01

Date: 031900

Time CTD on: 082450

UTMX: 435650

UTMY: 6510645

Zone: 8

Time GPS position: 082510

Depth: (m) Ft, Fa) 148

CTD dropped to: 130.00

Station#: 013

WP#: 075

hiheight: 5.61m loheight: -0.06m

Comments:

Time Since/To hi: -286 lo: 76

*Location: SE of Tlingit PT, NW of Sturgess

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

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Glacier Bay National Park & Preserve, Alaska

Name: Kim K

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Dump #: C20054	Cast #: C02	Date: 19MAR00	Time CTD on: 091605
UTMX: 436047	UTMY: 6517222	Zone: 8	Time GPS position: 091625
Depth: (m) Ft, Fa) 82.6	CTD dropped to: 70-0	Station# 014	WP# 076

Comments: hi height: 5.61m lo height: -0.06m
Time Since/To hi: -234 lo: 128

Location: Muir Sill

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other :

Dump #: C20054	Cast #: C03	Date: 19MAR00	Time CTD on: 093333
UTMX: 436278	UTMY: 6519812	Zone: 8	Time GPS position: 093400
Depth: (m) Ft, Fa) 109	CTD dropped to: 90-0	Station# 015	WP# 077

Comments: hi height: 5.61m lo height: -0.06m
Time Since/To hi: -217 lo: 145

Location: W. of Muir Pt

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other :

Dump #: C20054	Cast #: C04	Date: 19MAR00	Time CTD on: 164942
UTMX: 432438	UTMY: 6549481	Zone: 8	Time GPS position: 165000
Depth: (m) Ft, Fa) 208	CTD dropped to: 190-0 m	Station# —	WP# 078

hi height: 5.61m lo height: -0.76m

Time Since/To hi: 219 lo: -159

Comments: No Station, sheet ice prevented us from going further N. in Muir.

(close to 18)

Location: Edge of Sheet Ice

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other :

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Glacier Bay National Park & Preserve, Alaska

Name: KimK

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Dump #:	Cast #:	Date:	Time CTD on:
C20054	C05	031900	

hiheight: 5.6m loheight: -0.76m

UTMX:	UTMY:	Zone:	Time GPS position:
434747	6513766 3	8	173651

TimeSince/Tohi: 266 Lo: -112

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
209.0	190.00	017	079

Comments: (Upcast is flawed) GPS mark @ 173730 | GUSTS *on back

*Location: E. of Westdahl Pt.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #:	Cast #:	Date:	Time CTD on:
C20054	C06	031900	1841

UTMX:	UTMY:	Zone:	Time GPS position:
437088	6528794	8	1842

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
310-0	290-0	016	080

Comments: hiheight: 5.6m loheight: -0.76m

TimeSince/Tohi: 331 Lo: -47

Location: E. of Hunter Cove

Bottom type: Hard Soft Unknown | Suface Temp (C): - | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #:	Cast #:	Date:	Time CTD on:
C20054	C07	20MAR00	142950

UTMX:	UTMY:	Zone:	Time GPS position:
421891	6513860	8	143010

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
288.0	~~270~~ 260	006	081

Comments: hiheight: 5.62m loheight: -0.66m

TimeSince/Tohi: 38 Lo: -334

Location: E. of Hugh Miller

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

19 Mar 00

Dump 20054

cast 05

Strong gust turned boat as we started retrieving CTD. Therefore line went under stern & we spent <5 min correcting situation, with CTD towing horizontally before final retrieval.

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Glacier Bay National Park & Preserve, Alaska

Name: Kirk

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Dump #: C20054

Cast #: C08

Date: 032000

Time CTD on: 160933

UTMX: 414990

UTMY: 6519856

Zone: 8

Time GPS position: 161000

Depth: (m, Ft, Fa) 435

CTD dropped to: 300

Station# 007

WP# 082

Comments: hi height: 5.62m lo height: -0.66m
Time Since/To hi: 138 lo: -234

Location: N. of Blue Mouse, W. of Tidal

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #: C20054

Cast #: C09

Date: 032100

Time CTD on: 073050

UTMX: 408178

UTMY: 6525963

Zone: 8

Time GPS position: 073115

Depth: (m, Ft, Fa) 426.0

CTD dropped to: 300.0

Station# 008

WP# 083

Comments: hi height: 5.68m lo height: -0.43m
Time Since/To hi: 297 lo: -55

Location: S. of Rendu

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #: C20054

Cast #: C10

Date: 032100

Time CTD on: 083527

UTMX: 400034

UTMY: 6529779

Zone: 8

Time GPS position: 083600

Depth: (m, Ft, Fa) 377

CTD dropped to: 300.0

Station# 009

WP# 084

Comments: hi height: 5.49m lo height: -0.43m
Time Since/To hi: -355 lo: 10

Location: S. of Russell Is.

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: Kim K

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Dump #: C20054	Cast #: C11	Date: 032100	Time CTD on: 091735
UTMX: 394086	UTMY: 6530118	Zone: 8	Time GPS position: 091805
Depth: (m) Ft, Fa) 361.0	CTD dropped to: 300.0	Station# 010	WP# 085
Comments: hiheight: 5.49m loheight: -0.43m Time Since/To hi: -313 lo: 52		Location: E. of Russell Is.	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20054	Cast #: C12	Date: 032100	Time CTD on: 110939
UTMX: 389928	UTMY: 6538310	Zone: 8	Time GPS position: 111000
Depth: (m) Ft, Fa) 338.0	CTD dropped to: 300.	Station# 011	WP# 086
Comments: hiheight: 5.49m loheight: -0.43m Time Since/To hi: -201 lo: 164		Location: Tarr Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C): -	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20054	Cast #: C13	Date: 032100	Time CTD on: 120537
UTMX: 384262	UTMY: 6546355	Zone: 8	Time GPS position: 120610
Depth: (m) Ft, Fa) 288	CTD dropped to: 270.0	Station# 012	WP# 087
Comments: hiheight: 5.49m loheight: -0.43m Time Since/To hi: -145 lo: 220		Location: Head of Tarr In.	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

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Glacier Bay National Park & Preserve, Alaska

Name: Kim K

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12:46 CNV in file

Dump #:	Cast #:	Date:	Time CTD on:
C20054	C14	032100	See note **

hi height: 5.49m lo height: -0.43

UTMX:	UTMY:	Zone:	Time GPS position:
332435	6567663	8	1230..

UTMX should be 382435

Time Since/To hi: 120 lo: 245

Depth: (m, Ft, Fa)	CTD dropped to:
238.0	210.0

Station#	WP#
(021) Boat off	088

Comments: Marjorie/Grand Pac. (~500m from waypoint STN021)

Location: as close to 21 as ice would allow

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other:

Dump #:	Cast #:	Date:	Time CTD on:
C20054	C15	032200	093355

UTMX:	UTMY:	Zone:	Time GPS position:
420883	6502568	8	093433

Depth: (m, Ft, Fa)	CTD dropped to:
155.0	140.0

Station#	WP#
022	089

Comments: hi height: 5.08m lo height: -0.41m

Time Since/To hi: -331 lo: 32

Location: Entrance to Geikie

Bottom type: Hard Soft Unknown | Suface Temp (C): - | Set#:

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other:

Dump #:	Cast #:	Date:	Time CTD on:
C20054	C16	032200	104252

UTMX:	UTMY:	Zone:	Time GPS position:
414619	6497980	8	104352

Depth: (m, Ft, Fa)	CTD dropped to:
066.0	070.0

Station#	WP#
023	090

hi height: 5.08m lo height: -0.41m

Comments: edge of Ice

Time Since/To hi: 262 lo: 101

Location: close to Hedd of Geikie

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other:

** I'm sorry I forgot to record this time. It was @ approx 1230 21 MARCH 2000 - the last cast for the day.

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: Kim K

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Dump #: C 20054

Cast #: C 17

Date: 032200

Time CTD on: 121217

UTMX: 428637

UTMY: 6507612

Zone: 8

Time GPS position: 121318

Depth: (m, Ft, Fa) 366.0

CTD dropped to: 300.0

Station# 005

WP# 091

Comments: hi height: 5.08m lo height: -0.41m
Time Since/to hi: -172 lo: 191

Location: N. Drake / SW Tight

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C 20059

Cast #: C 18

Date: 032300

Time CTD on: 102444

UTMX: 442448

UTMY: 6478481

Zone: 8

Time GPS position: 102540

hi height: 4.31m lo height: -0.28m
Time Since/to hi: -306 lo: 71

Depth: (m, Ft, Fa) 60

CTD dropped to: 050

Station# 01

WP# 092

Comments: ~~↑ht 15.6~~ ~~since/to ↑ -319~~
~~↓ht -0.9~~ ~~since/to ↓ +47~~

Location: mouth of Glacier Bay

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C 20054

Cast #: C 19

Date: 032300

Time CTD on: 112412

UTMX: 448850

UTMY: 6465253

Zone: 8

Time GPS position: 112512

hi height: 4.31m lo height: -0.28m
Time Since/to hi: -246 lo: 131

Depth: (m, Ft, Fa) 52

CTD dropped to: 40

Station# 00

WP# 093

Comments: ~~↑ht 15.6~~ ~~since/to ↑ -259~~
~~↓ht -0.8~~ ~~since/to ↓ +107~~

Location: Icy Straight

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C Dick & LJ deLaBruere

Page: 1

Dump #:	Cast #:	Date:	Time CTD on:
C 20055	C 00	051000	160219

hiheight: 3.75m lohieight: 0.06m

UTMX:	UTMY:	Zone:	Time GPS position:
448751	6465411	8	160200

Time Since/to ha. 6.

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
55.00	50.00	00	107

Comments: ↑ht 12.3ft time since/to low ~~154~~ min 213
Flood ↓ht 0.2ft time since/to high ~~246~~ min -189

Location: Icy Straights

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20055	C 01	051000	170050

hiheight: 3.75m lohieight: 0.06m

UTMX:	UTMY:	Zone:	Time GPS position:
441854	6475073	8	170000

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
60.00	50.00	01	108

Comments: ↑ht 12.3ft time since/to ↓+~~212~~ min +274
Flood ↓ht 0.2ft time since/to ↑-~~190~~ min -131

Location: Mouth of Glacier Bay

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20055	C 02	051000	173424

hiheight: 3.75m lohieight: 0.06m

UTMX:	UTMY:	Zone:	Time GPS position:
438687	6483749	8	173300

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
93.00	80.00	02	109

Comments: ↑ht 12.3ft time since/to ↓+~~378~~ ~~246~~ 305
Flood ↓ht 0.2ft time since/to ↑-~~156~~ -97

Location: Sitakaday

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C Dick & W de La Bruere

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Dump #:	Cast #:	Date:	Time CTD on:
C20055	C03	051000	181142

* hi height: 4.18m lo height: 0.09m

UTMX:	UTMY:	Zone:	Time GPS position:
438051	6412853	8	181100

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
113.00	100.00	003	110

Comments: ↑ht 13.7 time since ↑ ~~+109~~ ~~-132~~ -72

↓ht 0.3 time since ↓ ~~+259~~ +319

* Pump tube not connected?

Location: SE of Willoughby Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20055	C04	051000	191320

UTMX:	UTMY:	Zone:	Time GPS position:
435292	6501710	8	191200

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
286.00	270.00	04	111

Comments: hi height: 4.18m lo height: 0.09m

Time Since/To hi: -70 lo: 321

Location: Not Drake Is & N of Marble Is

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

*

Dump #:	Cast #:	Date:	Time CTD on:
C20055	C05	051000	202303

UTMX:	UTMY:	Zone:	Time GPS position:
435547	6510806	8	202200

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
147.00	130.00	013	112

Comments: hi height: 4.33m lo height: 0.09m

Time Since/To hi: -5 lo: 388

Location: E of Tlingit Pt & NW of Sturgess

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C Dick & LJ de La Bruere

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Dump #:	Cast #:	Date:	Time CTD on:
C20055	C06	051000	212000

UTMX:	UTMY:	Zone:	Time GPS position:
436168	6519970	8	212000

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
110.00	100.00	015	113

Comments: hiheight: 4.33 loheight: 1.47
Time Since/To hi: 52 lo: -312

Location: W of Muir Pt.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

*

Dump #:	Cast #:	Date:	Time CTD on:
C20055	C07	051000	~~10:24:00~~ 224342

UTMX:	UTMY:	Zone:	Time GPS position:
436997	6528967	8	222300

hiheight: 4.33 loheight: 1.47
Time Since/To hi: 115 lo: -249

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
318.00	300.00	016	?~~114~~ 119

Comments: ? Sample taken 8/11/00
WP 119 10:24:00

Location: E of Hunter Cove

Checked CNV file start time = May 10 2000 @ 22:22:31
Calc. tides using ↑

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

*

Dump #:	Cast #:	Date:	Time CTD on:
C20055	C08	051100	054301

UTMX:	UTMY:	Zone:	Time GPS position:
434643	6537824	8	054200

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
190.00	180.00	17	115

Comments: hiheight: 4.31m loheight: 1.47m
Time Since/To hi: -162 lo: 191

Location: E of Westdahl Pt.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & L. de La Bruere

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Dump #: C 20055	Cast #: C 09	Date: 051100	Time CTD on: 064908
UTMX: 432020	UTMY: 6546222	Zone: 8	Time GPS position: 064800
Depth: (m, Ft, Fa) 218.00	CTD dropped to: 200.00	Station# 01816	WP#

Comments: hiheight: 4.31m loheight: 1.47m
Time Since/To hi: -96 lo: 257

Location: S of Riggs NW of McBride

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C 20055	Cast #: C 10	Date: 051100	Time CTD on: 063955
UTMX: 423370	UTMY: 6548792	Zone: 8	Time GPS position: 063900
Depth: (m, Ft, Fa) 213.00	CTD dropped to: 200.00	Station# 01917	WP#

Comments: hiheight: 4.31 loheight: 1.47
Time Since/To hi: -46 lo: 307

Location: Muir Inlet

Bottom type: Hard Soft Unknown | Suface Temp (C): - | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C 20055	Cast #: C 11	Date: 051100	Time CTD on: 081906
UTMX: 421440	UTMY: 6550429	Zone: 8	Time GPS position: 081906
Depth: (m, Ft, Fa) 190	CTD dropped to: 180.00	Station# 02018	WP#

Comments: hiheight: 4.31m loheight: 1.47m
Time Since/To hi: -6 lo: 347

Location: Head of Muir Inlet

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LJ deLa Bruere

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Dump #: C 200516	Cast #: C 00	Date: 051100	Time CTD on: 124108
UTMX: 421803	UTMY: 6514021	Zone: 8	Time GPS position: 124000
Depth: (m, Ft, Fa) 186.00	CTD dropped to: 170.00	Station# 006	WP# 120
Comments: hiheight: 4.31m loheight: 0.33m Time Since/Tohi: 257 lo: -146		Location: E of Hugh Miller	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C 200516	Cast #: C 01	Date: 051100	Time CTD on: 133842
UTMX: 414894	UTMY: 6520015	Zone: 8	Time GPS position: 133800
Depth: (m, Ft, Fa) 426.00	CTD dropped to: 300.00	Station# 007	WP# 121
Comments: hiheight: 4.31m loheight: 0.33m Time Since/Tohi: 314 lo: -89		Location: N of Blue Mouse W of Tidal Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C 200516	Cast #: C 02	Date: 051100	Time CTD on: 144242
UTMX: 408110	UTMY: 5261222	Zone: 8	Time GPS position: 144200
Depth: (m, Ft, Fa) 422.00	CTD dropped to: 300.00	Station# 008	WP# 122
Comments: hiheight: 4.31 loheight: 0.33m Time Since/To hi: 378 lo: -25		Location: S of Reid Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & L.J de La Bruere

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Dump #: C 200516

Cast #: C 03

Date: 051100

Time CTD on: 155600

UTMX: 399933

UTMY: 6529950

Zone: 8

Time GPS position: 155900

Depth: (m, Ft, Fa) 377.00

CTD dropped to: 300.00

Station# 009

WP# 23

Comments: hiheight: 4.44 loheight: 0.33m
TimeSince/Tohi: -345 lo: +48

Location: S of Russell Is

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C 200516

Cast #: C 04

Date: 051100

Time CTD on: 170817

hiheight: 4.44m loheight: 0.33m

UTMX: 394275

UTMY: 6530264

Zone: 8

Time GPS position: 170700

TimeSince/Tohi: -272 lo: 121

Depth: (m, Ft, Fa) 361.00

CTD dropped to: 300.00

Station# 010

WP# 124

Comments: Cast @ edge of iceberg pack

Location: E of Russell Is.

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C

Cast #: C

Date:

Time CTD on:

UTMX:

UTMY:

Zone: 8

Time GPS position: 155400

Depth: (m, Ft, Fa)

CTD dropped to:

Station#

WP#

Comments:

Location:

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

WP	x	y
120	421803	6514021
121	414894	6520015
122	399933	6529950
123	408110	6526122
124	394275	6530264
125	389783	6538492
126	384554	6545232
→ 127	412461	6496290
→ 128	420787	6502740
129	428540	6507764
130	438055	6492844
131	441871	6475067
132	448746	6465411

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick

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Dump #: C 200516

Cast #: C 05

Date: 051100

Time CTD on: 184640

UTMX: 3881783

UTMY: 65384492

Zone: 8

Time GPS position: 190600

hiheight: 4.44m lo height: 0.33m

Time Since/to hi: -214 lo: 179

Depth: (m, Ft, Fa) 338.00

CTD dropped to: 300.00

Station# 011125

WP#

Comments: Cast @ edge of ice berg pack. Can't get to stn. 21

Location: Tarr Inlet

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C 200516

Cast #: C 06

Date: 051200

Time CTD on: 050751

UTMX: 4124611

UTMY: 64916290

Zone: 8

Time GPS position: 050700

Depth: (m, Ft, Fa) 67.500

CTD dropped to: 60.00

Station# 023127

WP#

Comments: hiheight: 4.08m lo height: 1.27m

Time Since/to hi: -278 lo: 72

Location: Head of Geike

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C 200516

Cast #: C 07

Date: 051200

Time CTD on: 060900

UTMX: 4207877

UTMY: 65027400

Zone: 8

Time GPS position: 060800

Depth: (m, Ft, Fa) 150.00

CTD dropped to: 140

Station# 022128

WP#

Comments: hiheight: 4.08m lo height: 1.27m

Time Since/to hi: -216 lo: 134

Location: Entrance to Geike

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

*where is WP 262?

extra WP taken @ Tarr oops!

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LJ de LaBruere

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Dump #: C200556

Cast #: C11

Date: 051200

Time CTD on: 095821

hiheight: 3.65m lowheight: 0.38m

UTMX: 4418711

UTMY: 6475067

Zone: 8

Time GPS position: 095700

Depth: (m, Ft, Fa) 65.00

CTD dropped to: 60.00

Station# 001

WP# 132

Comments: ↑ht 12.0ft Since/to ↑ + ~~26~~ +85

↓ht 1.3ft Since/to ↓ − ~~355~~ −296

Location: Mouth of Glacier Bay

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #: C200556

Cast #: C12

Date: 051200

Time CTD on: 110026

hiheight: 3.65m lowheight: 0.38m

UTMX: 4487416

UTMY: 6465411

Zone: 8

Time GPS position: 105900

Depth: (m, Ft, Fa) 55.00

CTD dropped to: 50.00

Station# 000

WP# 132

Comments: ↑ht 12.0ft Since/to ↑ ~~+85~~ +147

↓ht 1.3ft Since/to ↓ − ~~283~~ −234

Location: Icy Straights

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #: C200~~556~~

Cast #: C00

Date: 051700

Time CTD on: 140740

UTMX: 135.52.744

UTMY: 58.19.~~3~~4133

Zone: 8

Time GPS position:

Depth: (m, Ft, Fa) 56.00

CTD dropped to: 45.00

Station# 000

WP#

Comments: hiheight: 4.29m lowheight: 0.46m

Time Since/to hi: 3 lo: −337

Location: Icy Straights

Bottom type: Hard Soft Unknown

Suface Temp (C):

Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & Greg Snedgen

Page: _____

Dump #: C 200	Cast #: C 01	Date: 051700	Time CTD on: 150000
UTMX: 135 57.661 521	UTMY: 58 24 611	Zone: 8	Time GPS position:
Depth: (m, Ft, Fa) 65.00	CTD dropped to: 50.00	Station# 01	WP#
Comments: hiheight: 4.29m loheight: 0.46m Time Since/To hi: 56 6:- 284		Location: Mouth of Glacier Bay	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

4

Dump #: C 200	Cast #: C 02	Date: 051700	Time CTD on: 15:34 00
UTMX: 136 03 034 hiheight: 4.29 Time Since/To hi: 90	UTMY: 58 29.414 loheight: 0.46m 6: 250	Zone: 8	Time GPS position:
Depth: (m, Ft, Fa) 90.00	CTD dropped to: 80.00	Station# 002	WP#
Comments: not dump 57, dump PCTD 21, downloaded on Piat computer by SSF crew, SSF Data. not oceanography		Location: Sitakaday	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C	Cast #: C	Date:	Time CTD on:
UTMX:	UTMY:	Zone: 8	Time GPS position:
Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
Comments:		Location:	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

* Mistake: Datum in PLGR+ GPS was NAD83 (rather than NAD27

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & L. de la Bruere Page: 1

Dump #:	Cast #:	Date:	Time CTD on:
C20057	C00	061200	051547

hiheight: 3.57m Lwheight: 0.39m

UTMX:	UTMY:	Zone:	Time GPS position:
448772	6465409	8	051500

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
55.00	50.00	000	137

Comments: ↑ ht 11.7 ft Since to ↑ ↓ +2
↓ ht 1.3 ft Since to ↓ - 1372 ↑↓

Location: Icy Straight

Bottom type: Hard Soft Unknown Suface Temp (C): Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20057	C01	061200	062003

hiheight: 3.57m Lwheight: 0.39

UTMX:	UTMY:	Zone:	Time GPS position:
441861	6475073	8	061900

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
60.00	50.00	001	138

Comments: ↑ ht 11.7 Since to ↑ ↓ +67
↓ ht 1.3 Since to ↓ - 1307 ↑↓

Location: Mouth of Glacier Bay

Bottom type: Hard Soft Unknown Suface Temp (C): Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20057	C02	061200	070000

hiheight: 3.57m Lwheight: 0.39m

UTMX:	UTMY:	Zone:	Time GPS position:
438681	6483783	8	065900

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
90.00	80.00	002	139

Comments: ↑ ht 11.7 Since to ↑ ↓ +107
↓ ht 1.3 Since to ↓ - 1267 ↑↓

Location: Sitakaday

Bottom type: Hard Soft Unknown Suface Temp (C): Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

*MISTAKE: Datum in PLGR+GPS was NAD 83 (rather than NAD 27)

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C Dick & W deLaBruere

Page: 2

Dump #:	Cast #:	Date:	Time CTD on:
C 20057	C 03	061200	074103

hiheight: 3.99m loheight: 0.42m

UTMX:	UTMY:	Zone:	Time GPS position:
438055	6492848	8	074000

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
111	100	003	140

Time Since/To hi: -239 lo: 124

Comments: ↑ht ~~11.7~~ Since ~~11.48~~ to ↓ht ~~1.3~~ Since ~~1.99~~ to

Location: SE of Willoughby Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20057	C 04	061200	083241

UTMX:	UTMY:	Zone:	Time GPS position:
435287	6501712	8	083200

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
288.00	270.00	004	141

Comments: hiheight: 3.99m loheight: 0.42m

Time Since/To hi: -188 lo: 175

Location: ~~Between~~ N of Drake I & N of Marble I.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20057	C 05	061200	101557

hiheight: 3.99m loheight: 0.42m

UTMX:	UTMY:	Zone:	Time GPS position:
438047	6492851	8	101500

Time Since/To hi: -85 lo: 278

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
113.00	100.00	003	142

Comments: ~~↑ht 11.7~~ ~~Since to~~ ~~11.47~~ ~~↓ht 1.3~~ ~~Since to~~ ~~1.297~~

Location: SE of Willoughby Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Low

high

V main = 10.8 * Mistake: Datum in PLGR+ GPS was NAD 83 (rather than NAD 27)

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & L. de la Bruere

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Dump #:	Cast #:	Date:	Time CTD on:
C20057	C06	061200	111005

hiheight: 3.57m loheight: 0.39m Δed to 8 (11/12/00)

UTMX:	UTMY:	Zone:	Time GPS position:
438686	6433761	8	110900

Time Since/To hi: -17 Lo: 357

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
091.00	80.06	002	143

Comments: ↑ht 11.7 ~~Since to~~ ~~↑ -18~~
↓ht 1.3 ~~Since to~~ ~~↓ -347~~

Location: Sitakaday

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20057	C07	061200	120143

hiheight: 3.57 loheight: 0.84

UTMX:	UTMY:	Zone:	Time GPS position:
441876	6450 75048	8	120100

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
60.00	50.00	001	144

Comments: ↑ht 11.7 Since to ↑ +34
↓ht 2.8 Since to ↓ -309

Location: Mouth of Glacier Bay

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20057	C08	061200	130045

hiheight: 3.57m loheight: 0.84m Δed to 6 (11/12/00)

UTMX:	UTMY:	Zone:	Time GPS position:
448731	6405427	8	130600

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
55.00	50.00	000	145

Comments: ↑ht 11.7 Since to ↑ ~~+2~~ 93
↓ht 2.8 Since to ↓ -250

Location: Icy Straight

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

CTD 2 | 20000613 Oceanography

*Created based on data passed on from "Martin"

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: dd NAD 83

Name: _____ Logbook Page: _____

Cast Name: PCTD28
C 2 | | | | 0 0
CTD id | Dump # | Cast #

Date: 2 0 0 0 0 6 1 3
Y Y Y Y M M D D

Time CTD on (24-hr clock): 1 8 : 2 9
AKST or AKDT

Lat: (decimal degrees) 5 8 . 7 5 9 8 0
(°,',"): 58.45.59

Lon: (decimal degrees) -1 3 6 . 3 5 2 8 0
(°,',"): 136.21.17

Time GPS position: | | : | |

Depth: (m) 288

CTD dropped to (m): 230 m

Station# 0 6

WP#

Comments: Ship: David Grey
CTD #2 w/ Pratt fluorometer

Location: E of Hugh Miller
Composite Tides

Tide Low height: .91m Time since Low: 1823 6min

Tide High height: 5.12m Time since High: 0029 -360min

Sampling: Oceanography Sonic Bottom Dive Other: Glacier Bay SSF sampling

---

Cast Name: PCTD28
C 2 | | | | 0 1
CTD id | Dump # | Cast #

Date: 2 0 0 0 0 6 1 3
Y Y Y Y M M D D

Time CTD on (24-hr clock): 1 9 : 0 2
AKST or AKDT

Lat: (decimal degrees) 5 8 . 8 1 1 8 0
(°,',"): 58.48.71

Lon: (decimal degrees) 1 3 6 . 4 7 4 3 0
(°,',"): 136.28.46

Time GPS position: | | : | |

Depth: (m) 435

CTD dropped to (m): 280 m

Station# 0 7

WP#

Comments:
CTD #2 w/ Pratt fluorometer

Location: N. of Blue Mouse
Composite Tides

Tide Low height: .91m Time since Low: 1823 45min

Tide High height: 5.12 Time since High: 0029 -321min

Sampling: Oceanography Sonic Bottom Dive Other: SSF sampling

Cast Name: PCTD28
C | | | | | 0 2
CTD id | Dump # | Cast #

Date: 2 0 0 0 0 6 1 4
Y Y Y Y M M D D

Time CTD on (24 hr clock): 1 1 : 1 5
AKST or AKDT

Lat: (decimal degrees) 5 9 . 0 4 7 8 0
(°,',"): 59.02.87

Lon: (decimal degrees) -1 3 7 . 0 5 5 8 0
(°,',"): 137.03.35

Time GPS position: | | : | |

Depth: (m) 179

CTD dropped to (m): 180m

Station# 0 2 1

WP#

Comments:
CTD #2 w/ Pratt fluorometer

Location: Head of Muir
Muir Tides

Tide Low height: -.15m Time since Low: 0710 245min

Tide High height: 4.43cm Time since High: 1326 -129min

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

Name: _____ Logbook Page: 2

Cast Name: PCTD28
C 2 | | | | 0 3
CTD id Dump # Cast #

Date: 2 0 0 0 0 6 1 4
Y Y Y Y M M D D

Time CTD on (24-hr clock): 1 3 : 1 5
AKST or AKDT

Lat: (decimal degrees) 5 9 . 0 3 2 8 0
(°,',"): 59.01.97

Lon: (decimal degrees) - 1 3 7 . 0 1 6 5 0
(°,',"): 137.00.99

Time GPS position: | | : | |

Depth: (m)

CTD dropped to (m): 230m

Station# 0 1 2

WP#

Comments: CTD #2 w/ Platt fluorometer

Location: Head of Tarr Inlet

Tide Low height: -15m Time since Low: 0708 367min

Tide High height: 4.43m Time since High: 1325 -10min

Sampling: Oceanography Sonic Bottom Dive Other :

Composite Tides

Cast Name: PCTD28
C 2 | | | | 0 4
CTD id Dump # Cast #

Date: 2 0 0 0 0 6 1 4
Y Y Y Y M M D D

Time CTD on (24-hr clock): 1 3 : 5 8
AKST or AKDT

Lat: (decimal degrees) 5 8 . 9 7 1 0 0
(°,',"): 58.58.26

Lon: (decimal degrees) - 1 3 6 . 9 1 7 3 0
(°,',"): 136.55.04

Time GPS positio | | : | |

Depth: (m)

CTD dropped to (m): 230m

Station# 0 1 1

WP#

Comments: CTD #2 w/ Platt fluorometer

Location: Tarr Inlet

Composite Tides

Tide Low height: .92m Time since Low: 1906 -308

Tide High height: 4.43m Time since High: 1325 24

Sampling: Oceanography Sonic Bottom Dive Other :

Cast Name: PCTD28
C | | | | 0 5
CTD id Dump # Cast #

Date: 2 0 0 0 0 6 1 4
Y Y Y Y M M D D

Time CTD on (24 hr clock): 1 4 : 3 3
AKST or AKDT

Lat: (decimal degrees) 5 8 . 8 9 9 3 0
(°,',"): 58.53.96

Lon: (decimal degrees) - 1 3 6 . 8 3 8 5 0
(°,',"): 136.50.13

Time GPS position: | | : | |

Depth: (m)

CTD dropped to (m): 230

Station# 0 1 0

WP#

Comments: CTD #2 w/ Platt fluorometer

Location: N of Reid Inlet

Composite Tides

Tide Low height: .92 Time since Low: 1906 - 253

Tide High height: 4.43 Time since High: 1325 68

Sampling: Oceanography Sonic Bottom Dive Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & W de la Bruere

Page: 8

Dump #:	Cast #:	Date:	Time CTD on:
C 20056	C 08	051200	065609

UTMX:	UTMY:	Zone:	Time GPS position:
~~420787~~ 428540	~~6502740~~ 6507764	8	065500

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
366.00	300.00	005	129

Comments: hi height: 4.08m lo height: 1.27m
Time Since/To hi: -169 lo: 181

Location: Between N Drakes & SW Tlingit Pt.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20056	C 09	051200	082114

UTMX:	UTMY:	Zone:	Time GPS position:
~~428540~~ 438055	~~6502740~~ 6492844	8	082000

hi height: 4.08m lo height: 1.27m

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
113.00	110.00	003	130

Comments: ↑ht ~~12.0~~ 13.4 ft since ↑ ~~-123~~ -84 -26
slack ↓ht ~~4.1~~ 4.2 ft since ↓ +266 +324

Location: SE of willoughby Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20056	C 10	051200	~~91104~~ 091042

UTMX:	UTMY:	Zone:	Time GPS position:
~~428055~~ 438680	6492844 6483542	8	091000

hi height: 3.65m lo height: ~~1.24~~ 0.38m

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
092.00	80.00	002	131

Comments: ↑ht 12.0 ft since ↑ ~~-22~~ +37
slack ↓ht 4.1 ft since ↓ ~~+339~~ -344

Location: Sitakaday

* Missed WP, extrapolated from known station location

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Waypoint Datum: ddNAD83

Name: _____ Logbook Page: 3

Cast Name: PCTD28

C 2 | | | | 0 6
CTD id | Dump # | Cast #

Date: 2 0 0 0 0 6 1 4
Y Y Y Y M M D D

Time CTD on (24-hr clock): 1 7 : 5 6
AKST or AKDT

Lat: (decimal degrees) 5 8 . 8 6 3 8 0
(°,',"): 58.51.83

Lon: (decimal degrees) - 1 3 6 . 5 9 3 3 0
(°,',"): -136.38.6

Time GPS position: | | : | |

Depth: (m) 426

CTD dropped to (m): 230

Station# 0 0 8

WP#

Comments: CTD # 2 w/ Piatt Fluorometer

Location: S of Rendu Inlet Composite Tides

Tide Low height: .92 Time since Low: 1902 -66

Tide High height: 4.43 Time since High: 1325 271

Sampling: Oceanography Sonic Bottom Dive Other :

Cast Name: PCTD28

C 2 | | | | 0 7
CTD id | Dump # | Cast #

Date: 2 0 0 0 0 6 1 4
Y Y Y Y M M D D

Time CTD on (24-hr clock): 1 8 : 3 0
AKST or AKDT

Lat: (decimal degrees) 5 8 . 8 9 7 8 0
(°,',"): 58.53.87

Lon: (decimal degrees) - 1 3 6 . 7 3 6 2 0
(°,',"): -136.44.17

Time GPS position: | | : | |

Depth: (m) 377

CTD dropped to (m): 230

Station# 0 0 9

WP#

Comments: CTD # 2 w/ Piatt Fluorometer

Location: S of Rendu.

Tide Low height: .92 Time since Low: 1902 -32

Tide High height: 4.43 Time since High: 1325 305

Sampling: Oceanography Sonic Bottom Dive Other :

Cast Name: ~~PCTD28~~

C 1 | | | | 0 0
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# 0 0 0

WP#

Comments: [illegible]

Location: [illegible]

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

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

Name: _____ 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 :

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 positic [ ] [ ] : [ ] [ ]

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 :

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 :

CTD 2 | 20000609 Oceanography - ssf

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: ddNAD83

Name: _____ Logbook Page: 1

Cast Name: PCTD26
C2 | | | 04
CTD id | Dump # | Cast #

Date: 20000609
Y Y Y Y M M D D

Time CTD on (24-hr clock): 18:20
AKST or AKDT

Lat: (decimal degrees) | | . | | | | |
(°,',"): 59.04.28

Lon: (decimal degrees) | | | . | | | | |
(°,',"): 136.20.1

Time GPS position: | | : | |

Depth: (m)

CTD dropped to (m): 200 m

Station# 019

WP#

Comments: Ship: David Grey
Could not see bottom.
CTD #2 (taken by Piatt crew)

Location: Muir Inlet

Tide Low height: 0.37 Time since Low: 225 (1435)

Tide High height: 4.69 Time since High: -164 (2104)

Sampling: Oceanography Sonic Bottom Dive Other: Muir Tides

Cast Name: PCTD26
C2 | | | 05
CTD id | Dump # | Cast #

Date: 20000609
Y Y Y Y M M D D

Time CTD on (24-hr clock): 19:22
AKST or AKDT

Lat: (decimal degrees) 58.9760
(°,',"): 58.58.56

Lon: (decimal degrees) 136.1362
(°,',"): 136.08.17

Time GPS position: | | : | |

Depth: (m)

CTD dropped to (m): 150 m

Station# 017

WP#

Comments: Could not see bottom
CTD #2 (taken by Piatt crew) (???)

Location: E. of Westdahl Pt

Tide Low height: 0.37 Time since Low: 287 (1435)

Tide High height: 4.69 Time since High: -102 (2104)

Sampling: Oceanography Sonic Bottom Dive Other: Muir Tides

Cast Name: PCTD26
C2 | | | 06
CTD id | Dump # | Cast #

Date: 20000610
Y Y Y Y M M D D

Time CTD on (24 hr clock): 11:25
AKST or AKDT

Lat: (decimal degrees) 59.0895
(°,',"): 59.05.37

Lon: (decimal degrees) 136.3715
(°,',"): 136-22.29

Time GPS position: | | : | |

Depth: (m) 180

CTD dropped to (m): 170

Station# 020

WP#

Comments: CTD #2 (taken by Piatt crew)

Location: Head of Muir

Tide Low height: 0.64 Time since Low: -256 (1541)

Tide High height: 4.06 Time since High: 120 (0925)

Sampling: Oceanography Sonic Bottom Dive Other: Muir Tides

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

Name: _____ Logbook Page: 2

Cast Name: PCTD26
CTD id: C2 Dump #: Cast #: 07

Date: 2000 06 10 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): 12:19 AKST or AKDT

Lat: (decimal degrees) 59.0475 (°,',"): 59-02-85

Lon: (decimal degrees) -136.1843 (°,',"): 136-11-06

Time GPS position: :

Depth: (m) 230

CTD dropped to (m): 220

Station# 018

WP#

Comments: CTD #2 (taken by Piatt crew)

Location: Sot Riggs, NW of Muir

Tide Low height 0.64 Time since Low: 202 (1641)

Tide High height: 4.06 Time since High: 174 (0925)

Sampling: Oceanography Sonic Bottom Dive Other: Muir Tides

Cast Name: PCTD26
CTD id: C2 Dump #: Cast #: 08

Date: 2000 06 10 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): 17:03 AKST or AKDT

Lat: (decimal degrees) 58.8958 (°,',"): 58-53-75

Lon: (decimal degrees) -136.0907 (°,',"): 136-05-44

Time GPS position: :

Depth: (m) 313

CTD dropped to (m): 280

Station# 016

WP#

Comments: CTD #2 (taken by Piatt crew)

Location: Sot Hunter

Tide Low height 0.79 Time since Low: 20 (1643)

Tide High height: 4.89 Time since High: 363 (2300)

Sampling: Oceanography Sonic Bottom Dive Other: Muir Tides

Cast Name: PCTD26
CTD id: C2 Dump #: Cast #: 09

Date: 2000 06 10 (Y Y Y Y M M D D)

Time CTD on (24 hr clock): 09:12 AKST or AKDT

Lat: (decimal degrees) 58.9148 (°,',"): 58-48-89

Lon: (decimal degrees) -136.1055 (°,',"): 136-06-33

Time GPS position: :

Depth: (m) 115

CTD dropped to (m): 105

Station# 015

WP#

Comments: CTD #2 (taken by Piatt crew)

Location: not a station anymore

Tide Low height 0.76 Time since Low: 270 (0400)

Tide High height: 4.07 Time since High: -88 (1040)

Sampling: Oceanography Sonic Bottom Dive Other: Muir Tides

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: ddNAD83

Name: _____ Logbook Page: 3

Cast Name: PCTD26
C2 | | | | 10
CTD id Dump # Cast #

Date: 20000611
Y Y Y Y M M D D

Time CTD on (24-hr clock): 09:27
AKST or AKDT

Lat: (decimal degrees) 58.7920
(°,',"): 58.47.52

Lon: (decimal degrees) -136.1085
(°,',"): 136.06.51

Time GPS position: :

Depth: (m) 84

CTD dropped to (m): 75

Station# 014

WP#

Comments: CTD #2 (taken by Piatt crew)

Location: Muir Sill

Tide Low height 0.76 Time since Low: 0442 285

Tide High height: 4.04 Time since High: 1040 -73

Sampling: Oceanography Sonic Bottom Dive Other :

Muir Tides

Cast Name: PCTD
C2 | | 26 | 11
CTD id Dump # Cast #

Date: 20000611
Y Y Y Y M M D D

Time CTD on (24-hr clock): 10:30
AKST or AKDT

Lat: (decimal degrees) 58.73230
(°,',"): 58.43.94

Lon: (decimal degrees) -136.11400
(°,',"): 136.06.84

Time GPS position: :

Depth: (m) 146

CTD dropped to (m): 135

Station# 013

WP#

Comments: dropped a little shallow by CTD #2 (taken by Piatt crew) mistake

Location: SE of Tlingit, NE of Sturgess

Tide Low height 0.76 Time since Low: 0442 318

Tide High height: 4.04 Time since High: 1040 -10

Sampling: Oceanography Sonic Bottom Dive Other :

Muir Tides

Cast Name: PCTD26
C2 | | | | 12
CTD id Dump # Cast #

Date: 20000611
Y Y Y Y M M D D

Time CTD on (24 hr clock): 11:00
AKST or AKDT

Lat: (decimal degrees) 58.65000
(°,',"): 58.39.00

Lon: (decimal degrees) -136.11500
(°,',"): 136.08.90

Time GPS position: :

Depth: (m)

CTD dropped to (m): 250

Station# 004

WP#

Comments: CTD #2 (taken by Piatt Crew)

Location: Not Drake, Not Marble.

Tide Low height 0.79 Time since Low: 1640 -340

Tide High height: 3.89 Time since High: 1035 25

Sampling: Oceanography Sonic Bottom Dive Other :

Willoughby Tides

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

Name: _____ Logbook Page: 4

Cast Name: PCTD26
C 2 1 3
CTD id Dump # Cast #

Date: 2 0 0 0 0 6 1 1
Y Y Y Y M M D D

Time CTD on (24 clock): 1 3 : 2 9
AKST or AKDT

Time GPS position: :

Lat: (decimal degrees) 5 8 . 7 0 4 3 0
(°,',"): 58-42.26

Lon: (decimal degrees) -1 3 6 . 2 3 2 8 0
(°,',"): 136.13.97

Depth: (m)

CTD dropped to (m): 280

Station# 0 0 6

WP#

Comments: CTD #2 (taken by Piatt crew)

Location: between Drake, SW Tlingit Point

Tide Low height: -.79 Time since Low: -191 (1640)

Tide High height: 3.84 Time since High: 174 (1035)

Sampling: Oceanography Sonic Bottom Dive Other: Willoughby Tide

---

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

Time GPS position: :

Lat: (decimal degrees) .
(°,',"):

Lon: (decimal degrees) .
(°,',"):

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:

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

Time GPS position: :

Lat: (decimal degrees) .
(°,',"):

Lon: (decimal degrees) .
(°,',"):

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:

CDICK

2000 Oceanography June 12

0800 Clear skies over Icy Straights, partly cloudy over GLBA. no wind, calm water. We're doing the first 4 stations (00,01,02,03) riding the tide in & then coming back out during slack high to repeat them. Returning to Burco this afternoon.

CTD2 | 20000726 Oceanography

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

** Waportpoint Datum: dd NAD83

Name: _____ Logbook Page: _____

Cast Name: PCTD32
CTD id: C2 Dump #: Cast #: 00

Date: 2000 (Y Y Y Y) 07 (M M) 26 (D D)

Time CTD on (24-hr clock): 15:53 AKST or AKDT

Lat: (decimal degrees) 58.7583 (",","): 58.45.5

Lon: (decimal degrees) -136.3503 (",","): 136.21.02

Time GPS position: :

Depth: (m) 300

CTD dropped to (m): 280m

Station# 006

WP#

Comments: Ship: David Grey
CTD #2 (taken by Piatt crew)

Location: E. of Hugh Miller
Composite Tides

Tide Low height: 1.33 Time since Low: -6 (1559)

Tide High height: 3.78 Time since High: 348 (1005)

Sampling: Oceanography Sonic Bottom Dive Other:

Cast Name: PCTD32
CTD id: C2 Dump #: Cast #: 01

Date: 2000 (Y Y Y Y) 07 (M M) 26 (D D)

Time CTD on (24-hr clock): 17:11 AKST or AKDT

Lat: (decimal degrees) 58.6492 (",","): 58.38.95

Lon: (decimal degrees) -136.1187 (",","): 136.07.12

Time GPS position: :

Depth: (m)

CTD dropped to (m):

Station# 004

WP#

Comments: CTD #2 (taken by Piatt crew)

Location: Not Drake, Not Marble

Tide Low height: 1.33 Time since Low: 73 (1568)

Tide High height: 4.71 Time since High: -307 (2204)

Sampling: Oceanography Sonic Bottom Dive Other: Willoughby Tides

---

Cast Name:
CTD id: C 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:

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

Name:_____ 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

Time GPS position: [ ] [ ] : [ ] [ ]

Lat: (decimal degrees) [ ] [ ] . [ ] [ ] [ ] [ ] [ ]
(°,',"):

Lon: (decimal degrees) [ ] [ ] [ ] . [ ] [ ] [ ] [ ] [ ]
(°,',"):

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 :

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

Time GPS position: [ ] [ ] : [ ] [ ]

Lat: (decimal degrees) [ ] [ ] . [ ] [ ] [ ] [ ] [ ]
(°,',"):

Lon: (decimal degrees) [ ] [ ] [ ] . [ ] [ ] [ ] [ ] [ ]
(°,',"):

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 :

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

Time GPS position: [ ] [ ] : [ ] [ ]

Lat: (decimal degrees) [ ] [ ] . [ ] [ ] [ ] [ ] [ ]
(°,',"):

Lon: (decimal degrees) [ ] [ ] [ ] . [ ] [ ] [ ] [ ] [ ]
(°,',"):

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 :

CTD 2/20080727 Oceanography - ssf

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: dd NAD83

Name: _____ Logbook Page: _____

Cast Name: PCTD33
C2 00
CTD id / Dump # / Cast #

Date: 20000727 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): 16:01 AKST or AKDT

Lat: (decimal degrees) 58.8648
(°,',"): 58.51.89

Lon: (decimal degrees) -136.5927
(°,',"): 136.35.56

Time GPS position: :

Depth: (m) 400

CTD dropped to (m): 280

Station# 008

WP#

Comments: Ship: David Grey
CTD #2 (taken by Piatt crew)

Location: S of Rendu Inlet

Tide Low height: 1.25 Time since Low: -70 (1711)

Tide High height: 3.98 Time since High: 278 (1123)

Sampling: Oceanography Sonic Bottom Dive Other: Composite Tides

---

Cast Name: PCTD33
C2 01
CTD id / Dump # / Cast #

Date: 20000727 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): 17:08 AKST or AKDT

Lat: (decimal degrees) 58.8982
(°,',"): 58.53.89

Lon: (decimal degrees) -136.8372
(°,',"): 136.50.23

Time GPS position: :

Depth: (m)

CTD dropped to (m): 280

Station# 010

WP#

Comments: CTD #2 (taken by Piatt crew)

Location: N of Reid Inlet

Tide Low height: 1.25 Time since Low: -3 (1711)

Tide High height: 3.98 Time since High: 345 (1123)

Sampling: Oceanography Sonic Bottom Dive Other: Composite Tides

---

Cast Name: PCTD33
C2 02
CTD id / Dump # / Cast #

Date: 20000728 (Y Y Y Y M M D D)

Time CTD on (24 hr clock): 10:30 (1137) AKST or AKDT

Lat: (decimal degrees) 59.0488
(°,',"): 59.02.93

Lon: (decimal degrees) -137.0550
(°,',"): 137.03.3

Time GPS position: :

Depth: (m)

CTD dropped to (m): 150

Station# 021

WP#

Comments: CTD #2 (taken by Piatt crew)

Location: Margerie & Grand Pacific

Tide Low height: -.4 Time since Low: ~~260~~ 327 (0610)

Tide High height: 4.35 Time since High: ~~-118~~ -51 (1228)

Sampling: Oceanography Sonic Bottom Dive Other: Composite Tides

Is assuming that data sheet is wrong - only ENV file that didn't match data sheet

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

Name: _____ Logbook Page: _____

Cast Name: PCTD33
C 2 | | | | 0 3
CTD id Dump # Cast #

Date: 2 0 0 0 0 7 2 8
Y Y Y Y M M D D

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

Time GPS position: :

Lat: (decimal degrees) . (",","):

Lon: (decimal degrees) . (",","):

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 :

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

Time GPS position: :

Lat: (decimal degrees) . (",","):

Lon: (decimal degrees) . (",","):

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 :

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

Time GPS position: :

Lat: (decimal degrees) . (",","):

Lon: (decimal degrees) . (",","):

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 :

CTD2 | 20000730 Oceanograply

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum: dd NAD 83

Name: _____ Logbook Page: _____

Cast Name: PCTD34 — C2 00 (CTD id / Dump # / Cast #)

Date: 20000730 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): 12:54 AKST or AKDT

Lat: (decimal degrees) 58.4945 (°,',"): 58.29.67

Lon: (decimal degrees) -136.0540 (°,',"): 136.03.24

Time GPS position: :

Depth: (m) 93

CTD dropped to (m): 75m

Station# 002

WP#

Comments: Ship: David Grey CTD #2 (taken by Pratt crew)

Location: Sitakaday ~~Mount Boy~~

Tide Low height: -1.24 Time since Low: 0727 327

Tide High height: 4.52 Time since High: 1354 -60

Sampling: Oceanography Sonic Bottom Dive Other: Bartlett Tides

---

Cast Name: PCTD34 — C2 01 (CTD id / Dump # / Cast #)

Date: 20000730 (Y Y Y Y M M D D)

Time CTD on (24-hr clock): 16:01 AKST or AKDT

Lat: (decimal degrees) 58.8260 (°,',"): 58.52.65

Lon: (decimal degrees) -135.8775 (°,',"): 135.52.65

Time GPS position: :

Depth: (m) 52

CTD dropped to (m): 45

Station# 000

WP#

Comments: CTD #2 (taken by Pratt crew)

Location: Icy Strait

Tide Low height: .39 Time since Low: 1936 -215

Tide High height: 4.52 Time since High: 1354 127

Sampling: Oceanography Sonic Bottom Dive Other: Bartlett Tides

---

Cast Name: PCTD34 — C2 02 (CTD id / Dump # / Cast #)

Date: 20000731 (Y Y Y Y M M D D)

Time CTD on (24 hr clock): 12:55 AKST or AKDT

Lat: (decimal degrees) 59.0855 (°,',"): 59.05.13

Lon: (decimal degrees) -136.3893 (°,',"): 136.22.16

Time GPS position: :

Depth: (m)

CTD dropped to (m): 100m

Station# 020

WP#

Comments: Could not get a bottom sample due to silt in water. CTD #2 (taken by Pratt crew)

Location: Head of Muir

Tide Low height: -1.4 Time since Low: 0841 254

Tide High height: 5.36 Time since High: 1458 -123

Sampling: Oceanography Sonic Bottom Dive Other: Muir Tides

OCEANOGRAPHY SURVEY
Glacier Bay National Park & Preserve, Alaska

** Waypoint Datum:

Name: _____ Logbook Page: _____

Cast Name: PCTD34
C2 | | | | 03
CTD id | Dump # | Cast #

Date: 2000 07 31
Y Y Y Y M M D D

Time CTD on (24-hr clock): 15:25
AKST or AKDT

Lat: (decimal degrees) 59.0493
(°,',"): 59.02.96

Lon: (decimal degrees) -136.1832
(°,',"): 136.10.99

Time GPS position: :

Depth: (m)

CTD dropped to (m): 200 m

Station# 018

WP#

Comments: CTD#2 (taken by Pratt crew)

Location: S of Riggs/NW of McBride

Tide Low height: .19 Time since Low: 2052 327 Tide High height: 5.36 Time since High: 1458 27

Sampling: Oceanography Sonic Bottom Dive Other: Muir Tides

Cast Name: PCTD34
C2 | | | | 04
CTD id | Dump # | Cast #

Date: 2000 07 31
Y Y Y Y M M D D

Time CTD on (24-hr clock): 16:34
AKST or AKDT

Lat: (decimal degrees) 58.8982
(°,',"): 58.53.89

Lon: (decimal degrees) -136.0932
(°,',"): 136.05.54

Time GPS position: :

Depth: (m)

CTD dropped to (m): 280

Station# 016

WP#

Comments: CTD #2 (taken by Pratt crew)

Location: E of Hunter Cove

Tide Low height: .19 Time since Low: 2052 -258 Tide High height: 5.36 Time since High: 1458 96

Sampling: Oceanography Sonic Bottom Dive Other: Muir Tides

Cast Name: PCTD34
C2 | | | | 05
CTD id | Dump # | Cast #

Date: 2000 07 31
Y Y Y Y M M D D

Time CTD on (24 hr clock): 18:48
AKST or AKDT

Lat: (decimal degrees) 58.7915
(°,',"): 58.47.49

Lon: (decimal degrees) -136.1063
(°,',"): 136.06.38

Time GPS position: :

Depth: (m)

CTD dropped to (m): 74

Station# 014

WP#

Comments: CTD#2 (taken by Pratt crew)

Location: Muir Sill

Tide Low height: .19 Time since Low: 2052 -124 Tide High height: 5.36 Time since High: 1458 230

Sampling: Oceanography Sonic Bottom Dive Other: Muir Tides

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C Dick & L J de La Bruere

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Dump #:	Cast #:	Date:	Time CTD on:
C 20058	C 00	081700	093437

hiheight: ~~3.72m~~ 4.43 | lowheight: ~~0.57m~~ -0.43m

UTMX:	UTMY:	Zone:	Time GPS position:
448755	6465403	8	093200

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
52	40	000	045

Comments: ↑height 14.5 since/to ↑ -373
↓height -1.4 since/to ↓ +8

Location: Icy Straights Mouth of Glacier Bay

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20058	C 01	081700	103620

hiheight 4.43m | lowheight: -0.43m

UTMX:	UTMY:	Zone:	Time GPS position:
441884	6475066	8	103400

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
60.00	50.00	001	046

Comments: ↑height 14.5ft since/to ↑ -311
↓height -1.4ft since/to ↓ +70

Location: Mouth of Glacier Bay

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20058	C 02	081700	111927

hiheight: 4.43m | lowheight: -0.43m

UTMX:	UTMY:	Zone:	Time GPS position:
438687	6483737	8	111700

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
89.00	80.00	002	047

Comments: ↑height 14.5 since/to ↑ -268
↓height -1.4 since/to ↓ +113

Location: Sitakaday

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LS de La Bruere

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Dump #:	Cast #:	Date:	Time CTD on:
C20058	C03	081709	120145

hi height: 4.86m lo height: -0.40m

UTMX:	UTMY:	Zone:	Time GPS position:
438055	6492844	8	120000

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
110.00	100.00	003	048

Comments: ↑ ~~height 24.8ft~~ Since to ↑ ~~[illegible]~~ -239
↓ ~~height 24ft~~ Since to ↓ ~~[illegible]~~ 71

Location: SE of Willoughby

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20058	C04	081700	125020

UTMX:	UTMY:	Zone:	Time GPS position:
435296	6501712	8	124800

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
295.00	270.00	004	049

Comments: hi height: 4.86m lo height: -0.40m
Time Since/To hi: -190 lo: 120

Location: N of Drake & ~~[illegible]~~ N of Marble Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20058	C05	081700	144652

hi height: 4.86m lo height: -0.40m

UTMX:	UTMY:	Zone:	Time GPS position:
438057	6492841	8	144500

Time Since/To hi: ~~[illegible]~~ lo: 296

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
113.00 -74	100.00	003	050

Comments: ↑ ~~height 14.5~~ Since to ↑ 260
↓ ~~height -1.4~~ Since to ↓ +320

Location: SE of Willoughby

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LJ de la Bruere

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Dump #:	Cast #:	Date:	Time CTD on:
C20058	C06	081700	154122

UTMX:	UTMY:	Zone:	Time GPS position:
438707	6483734	8	154000

hiheight: 4.43m lotheight: -0.43m

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
92.00	80.00	002	051

Comments: ↑Height 14.5ft Since to ↑ -6
↓Height 1.4ft Since to ↓ +375

Location: Sitakanday

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20058	C07	081700	163430

UTMX:	UTMY:	Zone:	Time GPS position:
441868	6475066	8	163200

hiheight: 4.43m lotheight: 0.40m

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
60.00	50.00	001	052

Comments: ↑height 14.5ft Since to ↑ +47
↓height 1.3ft Since to ↓ -307

Location: Mouth of Glacier Bay

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20058	C08	081700	183422

UTMX:	UTMY:	Zone:	Time GPS position:
448749	6465428	8	193300

hiheight: 4.43m lotheight: 0.40m

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
57.00	50.00	000	053

Comments: ↑height 14.5ft Since to ↑ +107
↓height 1.3ft Since to ↓ ~~-294~~ -247

Location: Icy Straights

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

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Glacier Bay National Park & Preserve, Alaska

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Dump #: C 20059	Cast #: C 00	Date: 082100	Time CTD on: 154200
UTMX: 4356660	UTMY: 6510579	Zone: 8	Time GPS position: 154000
Depth: (m, Ft, Fa) 146.00	CTD dropped to: 130	Station# 013	WP# 054
Comments: hi height: 4.75m lo height: 0.85m Time Since/To hi: 92 lo: -252		Location: SE of Tlingit Pt NW of Sturgess	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C 20059	Cast #: C 01	Date: 082100	Time CTD on: 171058
UTMX: 4360007	UTMY: 6517234	Zone: 8	Time GPS position: 170900
Depth: (m, Ft, Fa) 80.00	CTD dropped to: 70.00	Station# 014	WP# 055
Comments: hi height: 4.75m lo height: 0.85m Time Since/To hi: 164 lo: -180		Location: Muir Sill	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C 20059	Cast #: C 02	Date: 082100	Time CTD on: 172955
UTMX: 4362511	UTMY: 6519803	Zone: 8	Time GPS position: 172900
Depth: (m, Ft, Fa) 119.00	CTD dropped to: 110.00	Station# 015	WP# 056
Comments: hi height: 4.75m lo height: 0.85m Time Since/To hi: 199 lo: -145		Location: W of Muir Pt.	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

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Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & M. Andrews

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Dump #: C 20059	Cast #: C 03	Date: 082100	Time CTD on: 1800 26
UTMX: 437095	UTMY: 6528809	Zone: 8	Time GPS position:
Depth: (m, Ft, Fa) 313.00	CTD dropped to: 300.00	Station# 016057	WP#
Comments: hiheight: 4.75 loheight: 0.85m Time Since/To hi: 230 lo: -114		Location: E of Hunter Cove	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C 20059	Cast #: C 04	Date: 082100	Time CTD on: 1829 27
UTMX: 434743	UTMY: 6537647	Zone: 8	Time GPS position: 1828 00
Depth: (m, Ft, Fa) 272	CTD dropped to: 200	Station# 017058	WP#
Comments: hiheight: 4.75 loheight: 0.85m Time Since/To hi: 259 lo: -85		Location: E of Westdahl Pt.	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C 20059	Cast #: C 05	Date: 082100	Time CTD on: ~~1912 27~~ 1900 20
UTMX: 432134	UTMY: 6546050	Zone: 8	Time GPS position: 1900 00
Depth: (m, Ft, Fa) ~~242~~ 219	CTD dropped to: ~~220~~ 210	Station# 018059	WP#
Comments: hiheight: 4.75m loheight: 0.85m Time Since/To hi: 290 lo: -54		Location: S of Riggs NW of McBride	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

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Dump #:	Cast #:	Date:	Time CTD on:
C 20059	C 06	082100	~~08~~ 192747

UTMX:	UTMY:	Zone:	Time GPS position:
423495	6548631	8	192600

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
234.00	220.00	019	060

Comments: hiheight: 4.75m loheight: 0.85m
Time Since/To hi: 317 lo: -27

Location: Muir Inlet

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20059	C 07	082100	194402

UTMX:	UTMY:	Zone:	Time GPS position:
421550	6550250	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
180.00	170.00	020	061

Comments: hiheight: 4.75 loheight: 0.85
Time Since/To hi: 334 lo: -10

Location: Head of Muir Inlet

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20059	C 08	082200	115458

UTMX:	UTMY:	Zone:	Time GPS position:
414994	6519847	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
434.00 standard	399.00	007	063

Comments: hiheight: 3.93m loheight: 1.15
Time Since/To hi: 292 lo: -120

Location: N of Blue Mouse W of Tidal Inlet

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

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Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & A. Andrews

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Dump #: C20059	Cast #: C09	Date: 082200	Time CTD on: 122500
UTMX: 408184	UTMY: 6525954	Zone: 8	Time GPS position: 122400
Depth: (m, Ft, Fa) 426.00 standard	CTD dropped to: 300.00	Station# 008	WP# 064
Comments: ~~Pump tube not connected~~ ~~Redid cast 10~~		Location: S of Rendu Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

hiheight: 3.93 loheight: 1.15
TimeSince/Tohi: 323 Lo: 39

*

Dump #: C20059	Cast #: C10	Date: 082200	Time CTD on: 133300
UTMX: 400034	UTMY: 6529773	Zone: 8	Time GPS position: 133200
Depth: (m, Ft, Fa) 377.00	CTD dropped to: 300.00	Station# 009	WP# 065
Comments: Pump tube not connected, Redid cast 11		Location: S of Russell Is	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

hiheight: 4.68m loheight: 1.15m
TimeSince/Tohi: -346 Lo: 29

Dump #: C20059	Cast #: C11	Date: 082200	Time CTD on: 134311
UTMX: 400026	UTMY: 6529774	Zone: 8	Time GPS position: 134600
Depth: (m, Ft, Fa) 377.00	CTD dropped to: 300.00	Station# 009	WP# 066
Comments: hiheight: 4.68m loheight: 1.15m TimeSince/Tohi: -332 Lo: 43		Location: S of Russell Is	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

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Name: C. Dick & A. Andrews

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Dump #: C20059	Cast #: C12	Date: 082200	Time CTD on: 141100
UTMX: 3941080	UTMY: 6530118	Zone: 8	Time GPS position: 141011
Depth: (m, Ft, Fa) 370.00	CTD dropped to: 300.00	Station# 010	WP# 067
Comments: hiheight: 4.68 loheight: 1.15 Time Since/To hi: -308 lo: 67		Location: E of Russell Is.	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20059	Cast #: C13	Date: 082200	Time CTD on: 144211
UTMX: 3898999	UTMY: 6538325	Zone: 8	Time GPS position: 144000
Depth: (m, Ft, Fa) standard 338.00	CTD dropped to: 300.00	Station# 011	WP# 068
Comments: hiheight: 4.68 loheight: 1.15 Time Since/To hi: -277 lo: 98		Location: Tarr Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20059	Cast #: C14	Date: 082200	Time CTD on: 151824
UTMX: 3842711	UTMY: 6545339	Zone: 8	Time GPS position: 151800
Depth: (m, Ft, Fa) 283.00	CTD dropped to: 270.00	Station# 012	WP# 069
Comments: hiheight: 4.68 loheight: 1.15 Time Since/To hi: -241 lo: 134		Location: Head of Tarr Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

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Name: C. Dick & A. Andrews

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Dump #: C20059	Cast #: C15	Date: 082209	Time CTD on: 154800 ?
UTMX: 382054	UTMY: 6547930	Zone: 8	Time GPS position:
Depth: (m, Ft, Fa) 195.00	CTD dropped to: 185.00	Station# 021	WP# 070
Comments: hi height: 4.68 lo height: 1.15 Time Since/To hi: -211 lo: 164		Location: Margerie/Grand Pacific	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

looks like bad cast in .hex

Dump #: C20059	Cast #: C16	Date: 082200	Time CTD on: 180100
UTMX: 4218994	UTMY: 6513893	Zone: 8	Time GPS position: 180100
Depth: (m, Ft, Fa) 288.00 Standard	CTD dropped to: 260.00 (bottom)	Station# 016	WP# 071
Comments: hi height: 4.68 lo height: 1.15 Time Since/To hi: -78 lo: ~~[illegible]~~ 297		Location: E of Hugh Miller	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

bad/looks like in hex file

Dump #: C20059	Cast #: C17	Date: 082200	Time CTD on: 184054
UTMX: 4286674	UTMY: 6507609	Zone: 8	Time GPS position:
Depth: (m, Ft, Fa) 366.00 Standard	CTD dropped to: 300.00	Station# 005	WP# 072
Comments: hi height: 4.53 m lo height: 1.15 m Time Since/To hi: -35 lo: 337 loose switch?		Location: Between N Drake & SW Lingit pt.	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

looks like bad cast in hex file

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & A. Andrews

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Dump #:	Cast #:	Date:	Time CTD on:
C 20059	C 18	082300	072500

UTMX:	UTMY:	Zone:	Time GPS position:
420879	6502576	8	072500

hiheight: 3.55 m loheight: 0.63 m

Time Since/To hi: -50 lo: 310

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
156.00	140.00	022	073

Comments: On/off switch loose tightened & redid cast, but multiple due to tightening

Location: Entrance to Geike

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

? Last two casts

Dump #:	Cast #:	Date:	Time CTD on:
C 20059	C 19 ?	082300	073300

UTMX:	UTMY:	Zone:	Time GPS position:
420882	6502566	8	073300

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
156.00	140.00	022	074

Comments: hiheight: 3.55 loheight: 0.63

Time Since/To hi: -42 lo: 318

Location: Entrance to Geike

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20059	C 20 ? 19	082300	080232

UTMX:	UTMY:	Zone:	Time GPS position:
~~428657~~ 412551.84	~~6507599~~ 6496116.60	8	080200

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
70.00	60.00	023	~~074~~ 8 ? no WP

Comments: hiheight: 3.55 loheight: 0.63

Time Since/To hi: -13 lo: 347

Location: Head of Geike

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & A. Andrews

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Dump #:	Cast #:	Date:	Time CTD on:
C 20059	C ~~21~~ 20 ?	082300	084400

UTMX:	UTMY:	Zone:	Time GPS position:
428657	6507599	8	084400

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
366.00 Standard	300.00	005	075 ?

Comments: hi height: 3.55m lo height: 1.48m
Time Since/Tohi: 29 Lo:-328

Location: Between N Drake & SW Tlingit Pt.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C	C		

UTMX:	UTMY:	Zone:	Time GPS position:
		8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#

Comments:

Location:

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C	C		

UTMX:	UTMY:	Zone:	Time GPS position:
		8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#

Comments:

Location:

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Tuffie Δ 08/22/00 11:40

N 58°47'05.32"
W 136°30'17.61" bouy anchor

from bouy anchor, line stretches
west & in 10-15 ft

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C Dick & W de La Bruere Page: 1

Dump #:	Cast #:	Date:	Time CTD on:
C 20060	C 00	092900	084041

UTMX:	UTMY:	Zone:	Time GPS position:
hiheight: 5.10m 448853	lotheight: -0.39m 6465253	8	084000

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
54.00	50.00	000	076

Comments: ↑height 16.8 ft since/to ↑ + 348
↓height -1.3 ft since/to ↓ -11

Location: Icy Straights

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20060	C 01	092900	095000

UTMX:	UTMY:	Zone:	Time GPS position:
hiheight: 5.29m 441961	lotheight: -0.39m 6474906	8	095000

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
60.00	50.00	001	077

Comments: ↑height 17.4 ft since/to ↑ -314
↓height -1.3 ft since/to ↓ +59

Location: Mouth of Glacier Bay

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20060	C 02	092900	~~0110 3r~~ 1030 40

UTMX:	UTMY:	Zone:	Time GPS position:
hiheight: 5.29m 438786	lotheight: -0.39m 6483580	8	102900

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
088.00	080.00	002	078

Comments: ↑height 17.4 ft since/to ↑ -274
↓height -1.3 ft since/to ↓ +99

Location: Sitakaday

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LJ de La Brueve Page: 2

Dump #:	Cast #:	Date:	Time CTD on:
C 20060	C 03	092900	111230

hiheight: 5.72 loheight: -0.36

UTMX:	UTMY:	Zone:	Time GPS position:
438155	6492684	8	111100

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
110.00	100.00	003	079

Comments: ↑height ~~[illegible]~~ since/to ↑ ~~-236~~ -245
↓height ~~[illegible]~~ since/to ↓ ~~+141~~ +117

Location: SE of Willoughby Is

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C	C 04	092900	115830

hiheight: 5.72 loheight: -0.36m

UTMX:	UTMY:	Zone:	Time GPS position:
		8	115800

Time Since/To hi: -199 lo: 163

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
290.00	280	004	081

Comments: Redid, forgot to attach hose ↓
BAD CAST

Location: N of Drake Is. & N of Marble Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20060	C 05	092900	121130

UTMX:	UTMY:	Zone:	Time GPS position:
435391	6501551	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
290	280.00	004	081

Comments: hiheight: 5.72m loheight: -0.36m
Time Since/To hi: -176 lo: 186

Location: N of Drake Is & N of Marble Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C Dick & LJ de la Bruere

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Dump #: C200660	Cast #: C06	Date: 092900	Time CTD on: 130245
UTMX: 4356412	UTMY: 6511063 6	Zone: 8	Time GPS position: 130100
Depth: (m, Ft, Fa) 148.00	CTD dropped to: 140.00	Station# 013	WP# 082
Comments: hiheight: 5.86m loheight: -0.36m Time Since/Tohi: -140 Lo: 224		Location: SE of Tlingit Pt. NW of Sturgess	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C200660	Cast #: C07	Date: 092900	Time CTD on: 133730
UTMX: 4360137	UTMY: 6511723	Zone: 8	Time GPS position: 133700
Depth: (m, Ft, Fa) 84.00	CTD dropped to: 70.00	Station# 014	WP# 084
Comments: hiheight: 5.86m loheight: -0.36m Time Since/Tohi: -105 Lo: 254		Location: Muir Sill	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C200660	Cast #: C08	Date: 092900	Time CTD on: 135410
UTMX: 4362a9	UTMY: 651 9887	Zone: 8	Time GPS position: 135300
Depth: (m, Ft, Fa) 110.00	CTD dropped to: 100.00	Station# 015	WP# 085
Comments: hiheight: 5.86m loheight: -0.36 Time Since/Tohi: -88 Lo: 276		Location: N of Muir Pt.	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C Dick & LJ de La Bruere Page: 4

Dump #: C200600	Cast #: C09	Date: 092900	Time CTD on: 144300
UTMX: 437131	UTMY: 6528802	Zone: 8	Time GPS position: 194200
Depth: (m, Ft, Fa) 313.00	CTD dropped to: 300.00	Station# 016	WP# 086
Comments: hiheight: 5.86m loheight: -0.36m Time Since Tohi: 139 lo: 325		Location: E of Huntercove	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C200600	Cast #: C10	Date: 092900	Time CTD on: 153700
UTMX: 434753	UTMY: 6537659	Zone: 8	Time GPS position: 153700
Depth: (m, Ft, Fa) 180.00	CTD dropped to: 170	Station# 017	WP# 087
Comments: hiheight: 5.86m loheight: -0.53m Time Since Tohi: 15 lo: -366.		Location: E of Westdahl Pt.	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C200600	Cast #: C11	Date: 092900	Time CTD on: 162600
UTMX: 432125	UTMY: 6546061	Zone: 8	Time GPS position: 162500
Depth: (m, Ft, Fa) 212.00	CTD dropped to: 200.00	Station# 018	WP# 088
Comments: hiheight: 5.86m loheight: -0.53m Time Since Tohi: 64 lo: -317		Location: S of Riggs, NW of McBride	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & W de La Bruere

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Dump #: C20060	Cast #: C12	Date: 092900	Time CTD on: 172000
UTMX: 423468	UTMY: 6548634	Zone: 8	Time GPS position: 172000
Depth: (m, Ft, Fa) 232.00	CTD dropped to: 220.00	Station# 019	WP# 089
Comments: hiheight: 5.86 loheight: -0.53m TimeSince/Tohi: 118 lo: -263		Location: Muir Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20060	Cast #: C13	Date: 092900	Time CTD on: 174100
UTMX: 421551	UTMY: 6511259	Zone: 8	Time GPS position: 174000
Depth: (m, Ft, Fa) 180.00	CTD dropped to: 170.00	Station# 020	WP# 090
Comments: hiheight: 5.86m loheight: -0.53 TimeSince/Tohi: 139 lo: -242		Location: Head of Muir Inlex	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

Dump #: C20061	Cast #: C00	Date: 30 092900	Time CTD on: 063000
UTMX: 408203	UTMY: 6525947	Zone: 8	Time GPS position: 063000
Depth: (m, Ft, Fa) 426.00	CTD dropped to: 360.00	Station# 008	WP# 091
Comments: hiheight: 5.44m loheight: -0.01m TimeSince/Tohi: 160 lo: -203		Location: S of Rendu Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other :			

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & L. de La Bruere

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Dump #: C20061	Cast #: C01	Date: 093000	Time CTD on: 073000
UTMX: 400031	UTMY: 6529772	Zone: 8	Time GPS position: 073000
Depth: (m, Ft, Fa) 377.00	CTD dropped to: 300.00	Station# 009	WP# 092
Comments: hiheight: 5.44m loheight: -0.01m TimeSince/Tohi: 220m lo: -143		Location: S of Russell Is	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other:			

Dump #: C20061	Cast #: C02	Date: 093000	Time CTD on: 082000
UTMX: 394085	UTMY: 6530160	Zone: 8	Time GPS position: 082000
Depth: (m, Ft, Fa) 358.00	CTD dropped to: 300.00	Station# 010	WP# 093
Comments: hiheight: 5.44m loheight: -0.01m TimeSince/Tohi: 270 lo: -93		Location: E of Russel Is.	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other:			

Dump #: C20061	Cast #: C03	Date: 093000	Time CTD on: 091500
UTMX: 399005	UTMY: 6538313	Zone: 8	Time GPS position: 091500
Depth: (m, Ft, Fa) 538.00	CTD dropped to: 300.00	Station# 011	WP# 094
Comments: hiheight: 5.44m loheight: -0.01m TimeSince/Tohi: 325 lo: -38		Location: Tarr Inlet	
Bottom type: Hard Soft Unknown		Suface Temp (C):	Set#:
Sampling: Oceanography Sonic Bottom Trawl Longline Other:			

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & W de La Bruere Page: 7

Dump #:	Cast #:	Date:	Time CTD on:
C 20061	C 04	093000	~ 103000

hiheight: 5.68m loheight: -0.01m

UTMX:	UTMY:	Zone:	Time GPS position:
384264	6545347	8	103000

Time Since/To hi: -326 lo: 37

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
280.00	270.00	012	095

Comments: Line a little out, due to high winds

Location: Head of Tarr Inlet

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20061	C 05	093000	~ 1045

hiheight: 5.68m loheight: -0.01m

UTMX:	UTMY:	Zone:	Time GPS position:
382267	6547193	8	

Time Since/To hi: -311 lo: 52

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
190.00	180.00	021	096

Comments: Off stn. due to ice & high winds

Location: Margerie/Grand Pacific

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20061	C 06	093000	~ 134500

UTMX:	UTMY:	Zone:	Time GPS position:
414998	6519860	8	134500

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
435.00	300.00	007	097

Comments: hiheight: 5.68m loheight: -0.01m

Time Since/To hi: -131 lo: 232

Location: N of Blue Mouse

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LJ de La Bruere , Page: 8

Dump #:	Cast #:	Date:	Time CTD on:
C20061	C07	093000	~ 142000

hiheight: 5.68m loheight: -0.01

UTMX:	UTMY:	Zone:	Time GPS position:
420909	6503860	8	

TimeSince/Tohi: -96 Lo: +267

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
288.00 ?	250.00	006	098

Comments: Couldn't get a good depth, so only dropped to 250m

Location: E of Hugh Miller Inlet

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20061	C08	093000	~ 145000

UTMX:	UTMY:	Zone:	Time GPS position:
428642	6507597	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
366.00	300.00	005	099

Comments: hiheight: 5.53m loheight: -0.01

TimeSince/Tohi: -62 Lo: 298

Location: Between N Drake Is. & SW Tlingit Pt.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20061	C09	093000	~ 155000

UTMX:	UTMY:	Zone:	Time GPS position:
420884	6502567	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
161.00	150.00	022	100

Comments: hiheight: 5.53m loheight: ~~[illegible]~~ -0.37

TimeSince/Tohi: -2 Lo: 358

Location: Entrance to Geikie

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LJ de La Bruere , Page: 9

Dump #:	Cast #:	Date:	Time CTD on:
C 20061	C 10	093000	~ 165000

UTMX:	UTMY:	Zone:	Time GPS position:
412554	6496107	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
70.00	55.00	023	101

Comments: hiheight: 5.53m loheight: -0.37m
Time Since/To hi: 58 lo: -329

Location: Head of Geikie

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20061	C 11	100100	~ 034800

hiheight: 4.94m loheight: -0.37m

UTMX:	UTMY:	Zone:	Time GPS position:
438166	6492678	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
112.00	100.00	003	102

Comments: ↑height since/to ↑ -38
↓height since/to ↓ +329

Location: SE of Willoughby Is.

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20061	C 12	100100	~ 043000

hiheight: 4.52m loheight: 0.38m

UTMX:	UTMY:	Zone:	Time GPS position:
438786	6483572	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
092.00	80.00	02	103

Comments: ↑height 14.8ft since/to ↑ +17
↓height 1.3ft since/to ↓ -334

Location: Sitakaday

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

V main 11.0

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LJ de La Bruere Page: 10

Dump #:	Cast #:	Date:	Time CTD on:
C 20061	C 13	100100	~ 052000

hi height: 4.52m lo height: 0.38m

UTMX:	UTMY:	Zone:	Time GPS position:
441974	6474898	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
62.00	55.00	001	104

Comments: ↑height 14.8ft since/to ↑ +67
↓height 1.3ft since/to ↓ -284

Location: Mouth of Glacier Bay

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20061	C 14	100100	061800

hi height: 4.52m lo height: 0.38m

UTMX:	UTMY:	Zone:	Time GPS position:
498850	6465235	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
58.00	50.00	000	105

Comments: ↑height 14.8 since/to ↑ +125
↓height 1.3 since/to ↓ -226

Location: Icy Straights

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C	C		

UTMX:	UTMY:	Zone:	Time GPS position:
		8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#

Comments:

Location:

Bottom type: Hard Soft Unknown | Suface Temp (C): | Set#:

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

2000 Oceanography 29 September

0919 Departed Bartlett cove 0700, headed out to grab lay straight stn. Moving up bay to the East Arm first, moving then on to the West Arm. Will pick up lower bay stn. again on way back. Partly cloudy w/ large patches of blue sky. flat calm, very slight breeze. Great weather!!
Arrived Blue Mouse cove ~ 2300

30 September

Departed Blue Mouse Cove 0500, passed stn 07, started w/ stn 08 & continued up bay picking up stns as we went. Finishe Geikie stns. & anchored in Johnson Cove to wait for early morning tide.

01 october

Departed Johnson Cove 0315, finished up replicates of Lower Bay stns. Arrived in Bartlett Cove.

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LJ de LaBruere Logbook Page: 1

Cast Name: C2006200 (CTD id / Dump # / Cast #)	Date: 20001216 (Y Y Y Y M M D D)	Time CTD on: 10:53:30
Lat: (decimal degrees) 58.19.620	Lon: (decimal degrees) 135.52.390	Time GPS position: 10:51
Depth: (m) 56	CTD dropped to (m): 50	Station# 000 / WP# 108
Comments: ~~hi heights~~: ~~lo heights~~: ~~Time Since/Tohi~~: 4.42m ~~to~~: 1.13m		Location: Icy Straits
Tide High Height: 14.5ft	Low height: 3.7ft	Time since high: ~~[illegible]~~ 365 / Time since low: 0
Sampling: Oceanography Sonic Bottom Dive Other:		

Cast Name: C2006201 (CTD id / Dump # / Cast #)	Date: 20001216 (Y Y Y Y M M D D)	Time CTD on: 11:48:07
Lat: (decimal degrees) 58.24.774	Lon: (decimal degrees) 135.59.598	Time GPS position: 11:47
Depth: (m) 68	CTD dropped to (m): 50	Station# 001 / WP# 109
Comments: ~~hi height~~: ~~lo heights~~: ~~Time Since/Tohi~~: 4.42m ~~to~~: 1.13m		Location: Mouth of Glacier Bay
Tide High Height: 14.5ft	Low height: 3.7ft	Time since high: -309 / Time since low: +54
Sampling: Oceanography Sonic Bottom Dive Other:		

Cast Name: C2006202 (CTD id / Dump # / Cast #)	Date: 20001216 (Y Y Y Y M M D D)	Time CTD on: 12:30:49
Lat: (decimal degrees) 58.29.425	Lon: (decimal degrees) 136.02.998	Time GPS position: 12:30
Depth: (m) 90	CTD dropped to (m): 80	Station# 002 / WP# 110
Comments: ~~hi height~~: ~~lo heights~~ ~~Time Since/Tohi~~: 4.42m ~~to~~: 1.13m		Location: Sitakaday
Tide High Height: 14.5ft	Low height: 3.7ft	Time since high: -267 / Time since low: +96
Sampling: Oceanography Sonic Bottom Dive Other:		

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LJ de la Bruere Logbook Page: 2

Cast Name: C 2 0 0 6 2 0 3 (CTD id / Dump # / Cast #)	Date: 2 0 0 0 1 2 1 6 (Y Y Y Y M M D D)	Time CTD on: 13:17 -32
Lat: (decimal degrees) 58.34.329	Lon: (decimal degrees) 136.03.787	Time GPS position: 13:16
Depth: (m) 111	CTD dropped to (m): 100	Station# 0 0 3 / WP# 1 1
Comments:		Location: SE of Willoughby Is.
Tide High Height: 14.5 ft (4.42m)	Low height: 3.7 ft (1.0m)	Time since high: -220 / Time since low: +143
Sampling: Oceanography Sonic Bottom Dive Other:		

Cast Name: C 2 0 0 6 2 0 4 (CTD id / Dump # / Cast #)	Date: 2 0 0 0 1 2 1 6 (Y Y Y Y M M D D)	Time CTD on: 14:15 -32
Lat: (decimal degrees) 58.39.066	Lon: (decimal degrees) 136.06.806	Time GPS position: 14:15
Depth: (m) 290	CTD dropped to (m): 280	Station# 0 0 4 / WP# 1 1 2
Comments:		Location: N of Drake & N of Marble I.
Tide High Height: 14.5 ft (4.42m)	Low height: 3.7 ft (1.13m)	Time since high: -162 / Time since low: +201
Sampling: Oceanography Sonic Bottom Dive Other:		

Cast Name: C 2 0 0 6 2 0 5 (CTD id / Dump # / Cast #)	Date: 2 0 0 0 1 2 1 6 (Y Y Y Y M M D D)	Time CTD on: 15:06
Lat: (decimal degrees) 58.43.972	Lon: (decimal degrees) 136.06.697	Time GPS position: 15:06
Depth: (m) 140	CTD dropped to (m): 130	Station# 0 1 3 / WP# 1 1 3
Comments:		Location: SE of Tungit Pt & NW of Sturgess
Tide High Height: 14.5 ft (4.42m)	Low height: 3.7 ft (1.13m)	Time since high: -111 / Time since low: +252
Sampling: Oceanography Sonic Bottom Dive Other:		

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick ? LJ de la Bruere

Logbook Page: 3

Cast Name: C 2 0 0 6 2 0 6 (CTD id / Dump # / Cast #)

Date: 2 0 0 0 1 2 1 7 (Y Y Y Y M M D D)

Time CTD on: 09:27

Lat: (decimal degrees) 58.4895 4

Lon: (decimal degrees) 136.0610

Time GPS position: 09:18

Depth: (m) 100

CTD dropped to (m): 90

Station# 015

WP# 001

Comments: Δed Plugger's due to problems current plugger doesn't contain Stns, navigation using Tracking Analyst

Location: W of Muir Point

Tide High Height: 14.3ft 4.36m **Low height:** 4.1ft 1.25m **Time since high:** +204 **Time since low:** -158

Sampling: Oceanography Sonic Bottom Dive Other: also switch got loose had to tighten maybe two xtra cast records

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Cast Name: C 2 0 0 6 2 0 7 (CTD id / Dump # / Cast #)

Date: 2 0 0 0 1 2 1 7 (Y Y Y Y M M D D)

Time CTD on: 10:15

Lat: (decimal degrees) 58.5380 0

Lon: (decimal degrees) 136.0541 0

Time GPS position: 10:15

Depth: (m) ~300

CTD dropped to (m): 290

Station# 016

WP# 007

Comments:

Location: E of Hunter Cove

Tide High Height: 14.3ft 4.36m **Low height:** 4.1ft 1.25m **Time since high:** +252 **Time since low:** -110

Sampling: Oceanography Sonic Bottom Dive Other:

Cast Name: C 2 0 0 6 2 0 8 (CTD id / Dump # / Cast #)

Date: 2 0 0 0 1 2 1 7 (Y Y Y Y M M D D)

Time CTD on: 11:19

Lat: (decimal degrees) 58.5849

Lon: (decimal degrees) 136.0849

Time GPS position: 11:17

Depth: (m) 166

CTD dropped to (m): 150

Station# 017

WP# 008

Comments:

Location: E of Westdahl Pt

Tide High Height: 14.3ft 4.36m **Low height:** 4.1ft 1.25m **Time since high:** +316 **Time since low:** -41

Sampling: Oceanography Sonic Bottom Dive Other:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C Dick & L de La Bruere

Logbook Page: 4

Cast Name: C 2 0 0 0 2 0 9 (CTD id / Dump # / Cast #)

Date: 2 0 0 0 1 2 1 7 (Y Y Y Y M M D D)

Time CTD on: 12:09

Lat: (decimal degrees) 59.03045

Lon: (decimal degrees) 136.10915

Time GPS position: 12:08

Depth: (m) 212

CTD dropped to (m): 200

Station# 018

WP# 009

Comments:

Location: S of Riggs, NW of McBride

Tide High Height: 13.1 ft Low height: 4.1 ft Time since high: -362 Time since low: +4

Sampling: Oceanography Sonic Bottom Dive Other:

Cast Name: C 2 0 0 6 2 1 0 (CTD id / Dump # / Cast #)

Date: 2 1 7 (M D D)

Time CTD on: 12:54

Lat: (decimal degrees) 59.04340

Lon: 0 0 3

Time GPS position: :

Depth: (m) 225

CTD dropp

Station# 019

WP# 010

Comments:

Location: Muir Inlet

Tide High Height: 13.1 ft Low height: 4.1 ft Time since high: -313 Time since low: +49

Sampling: Oceanography Sonic Bottom Dive Other:

I can't find .hex files or .cnv files for these casts — what happened? No notes. Not in process log.

Cast Name: C 2 0 0 6 2 1 1 (CTD id / Dump # / Cast #)

Date: 2 0 0 0 1 2 1 7 (Y Y Y Y M M D D)

Time CTD on: 13:15

Lat: (decimal degrees) 59.05205

Lon: (decimal degrees) 136.22105

Time GPS position: 13:15

Depth: (m) 165

CTD dropped to (m): 150

Station# 020

WP# 011

Comments:

Location: Head of Muir Inlet

Tide High Height: Low height: Time since high: -292 Time since low: +70

Sampling: Oceanography Sonic Bottom Dive Other:

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C Dick & L de la Bruere

Logbook Page: 5

Cast Name: C2006300 (CTD id / Dump # / Cast #)	Date: 20001219 (Y Y Y Y M M D D)	Time CTD on: 07:17:28
Lat: (decimal degrees) 58.34348	Lon: (decimal degrees) -136.03732	Time GPS position: 07:15
Depth: (m) 114	CTD dropped to (m): 100	Station# 003 / WP# 012
Comments: 4.78m 0.77m		Location: SE of Willoughby Is.
Tide High Height: 15.7 ft	Low height: 2.6 ft	Time since high: -67 / Time since low: +317
Sampling: Oceanography Sonic Bottom Dive Other:		

Cast Name: C2006301 (CTD id / Dump # / Cast #)	Date: 20001219 (Y Y Y Y M M D D)	Time CTD on: 08:17:48
Lat: (decimal degrees) 58.29445	Lon: (decimal degrees) 136.02936	Time GPS position: 08:16
Depth: (m) 93.7	CTD dropped to (m): 80	Station# 002 / WP# 013
Comments: 4.78m 0.77m		Location: Sitakaday
Tide High Height: 15.7 ft	Low height: 2.6 ft	Time since high: -7 / Time since low: +377
Sampling: Oceanography Sonic Bottom Dive Other:		

Cast Name: C2006302 (CTD id / Dump # / Cast #)	Date: 20001219 (Y Y Y Y M M D D)	Time CTD on: 09:04:40
Lat: (decimal degrees) 58.24800	Lon: (decimal degrees) 135.59540	Time GPS position: 09:04
Depth: (m) 63	CTD dropped to (m): 50	Station# 001 / WP# 014
Comments: 4.78m 0.77m		Location: Mouth of Glacier Bay
Tide High Height: 15.7 ft	Low height: 3.2 ft	Time since high: +40 / Time since low: -311
Sampling: Oceanography Sonic Bottom Dive Other:		

download 12/19 ~ 10:20

V main @ 11.3

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: C. Dick & LJ deLaBruere

Logbook Page: 6

Cast Name: C2D063 03 (CTD id / Dump # / Cast #)	Date: 20001219 (Y Y Y Y M M D D)	Time CTD on: 10:01:43
Lat: (decimal degrees) 58.19651	Lon: (decimal degrees) 135.57338	Time GPS position: 10:00
Depth: (m) 59	CTD dropped to (m): 50	Station# 000 / WP# 015
Comments: 4.78m 0.98m		Location: Icy Straits
Tide High Height: 15.7ft	Low height: 3.2ft	Time since high: +97 / Time since low: -304
Sampling: Oceanography Sonic Bottom Dive Other:		

Cast Name: (CTD id / Dump # / Cast #)	Date: (Y Y Y Y M M D D)	Time CTD on: :
Lat: (decimal degrees) .	Lon: (decimal degrees) .	Time GPS position: :
Depth: (m)	CTD dropped to (m):	Station# / WP#
Comments:		Location:
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other:		

Cast Name: (CTD id / Dump # / Cast #)	Date: (Y Y Y Y M M D D)	Time CTD on: :
Lat: (decimal degrees) .	Lon: (decimal degrees) .	Time GPS position: :
Depth: (m)	CTD dropped to (m):	Station# / WP#
Comments:		Location:
Tide High Height:	Low height:	Time since high: / Time since low:
Sampling: Oceanography Sonic Bottom Dive Other:		

2000 Oceanography 16 December

12/16 Depart Bartlett Cove @ 09:30 to catch Low tide @ 10:54 @ SAn 00. High over cast clouds, Minimal wind, good weather! Plan on doing East Arm Stns today...