1995

Name: KHYCHKA

C DEZAN 3/6/96

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CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # 20022 Date: 112195 Time Instrument on 1524

Cast #: C09 Other Sampling: oceanographic

hiheight: 593 loheight: -77cm BAD CAST

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 437174 UTMY: 6528713 Time of Position 152649

time since/to hi: +204 lo: -199

Depth Mt: 312.0 Depth Ft: Depth Fa:

* position taken from trimble

Surface Temp (C):

Comments: Dropped to: bottom STN: 16 oceanographic

E of Hunter Cove GPS: 416

Bottom: Hard ☐ Soft ☐ Unknown X

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Dump # 20022 Date: 030696 Time Instrument on 1134

Cast #: C10 Other Sampling: OCEAN.

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 448571 UTMY: 6465135 Time of Position 113460

hi height: 385cm loheight: 31cm

Depth Mt: 58 Depth Ft: Depth Fa:

NA27 Alaska datum ok! time since/to hi: -119 lo: +239

Surface Temp (C): —

Comments: PLGR in "ALASKA" datum FOM 2

WPT 4(00) ICY STRAITS dropped to 50 m

Bottom: Hard ☐ Soft ☐ Unknown X

Dump # 20022 Date: 030696 Time Instrument on 1227

Cast #: C11 Other Sampling: OCEAN

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 441912 UTMY: 6475103 Time of Position 122800

hiheight: 469cm loheight: -7cm time since/to hi: -90 lo: +278

Depth Mt: 64.2 Depth Ft: Depth Fa:

* 35-40° wire angle on way down (fast current)

Surface Temp (C): —

Comments: dropped to: ? smart block batt. died. FOM 1

WPT 4(01) Mouth Glacier Bay approx 55 m.

Bottom: Hard ☐ Soft ☐ Unknown X

Dump # 20022 Date: 030696 Time Instrument on 1313

Cast #: C12 Other Sampling: OCEAN

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 438859 UTMY: 6483476 Time of Position 131400

hiheight: 469cm loheight: -7cm

Depth Mt: 91.7 Depth Ft: Depth Fa:

time since/to hi: -44 lo: +324

Surface Temp (C):

Comments: dropped to: 80m FOM 1

WPT 4(02) Sitakaday

Bottom: Hard ☐ Soft ☐ Unknown

Dump # 20022 Date: 030696 Time Instrument on 1347

Cast #: C13 Other Sampling: OCEAN

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 438688 UTMY: 6492805 Time of Position 134900

hiheight: 511 cm loheight: -4 cm

Depth Mt: 101 Depth Ft: Depth Fa:

time since/to hi: -23 lo: +334

Surface Temp (C):

Comments: dropped to: 85 m.

WPT 4(03) SE of Willoughby Is.

Bottom: Hard ☐ Soft ☐ Unknown X

251

55 fa → 80m
taped line on smot block

?

50 fa
on tape

90m
on block

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CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # 20022 Date: 030696 Time Instrument on 1443
Cast #: c14 Other Sampling: OCEAN.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435248 UTMY: 6501480 Time of Position 144900
hi height: 511 cm lo height: -31 cm
Depth Mt: 295. ☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐. ☐
time since /to hi: +33 lo: -346 Surface Temp (C): ☐☐.☐
Comments: dropped to 270m
WPT 404) N of Drake; S of MARBLE Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # 20022 Date: 030796 Time Instrument on 1141
Cast #: c15 Other Sampling: OCEAN.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435692 UTMY: 6510563 Time of Position 141300
hi height: 502 cm lo height: -16 cm
Depth Mt: 149. ☐ Depth Ft: 149 Depth Fa: ☐☐☐. ☐
time since /to hi: -173 lo: +174 Surface Temp (C): ☐☐.☐
Comments: dropped to ~120m
WPT 413) SE Tlingit point NW of Sturge SS Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # 20022 Date: 030796 Time Instrument on 1211
Cast #: c16 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 436113 UTMY: 6517203 Time of Position 122000
hi height: 517 cm lo height: -16 cm
Depth Mt: 79. ☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐. ☐
time since /to hi: -150 lo: +209 Surface Temp (C): ☐☐.☐
Comments: dropped to ~60m
WPT 414) MUIR SILL Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # 20022 Date: 030796 Time Instrument on 1237
Cast #: c17 Other Sampling: OCEAN.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 436161 UTMY: 6519833 Time of Position 123800
hi height: 517 cm lo height: -16 cm
Depth Mt: 115.0 Depth Ft: ☐☐☐ Depth Fa: ☐☐☐. ☐
time since /to hi: -132 lo: +227 Surface Temp (C): ☐☐.☐
Comments: dropped to: ~100m
WPT 415) W of MUIR POINT Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # 20022 Date: 030796 Time Instrument on 1328
Cast #: c18 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 437083 UTMY: 6528831 Time of Position 132800
hi height: 517 cm lo height: -16 cm
Depth Mt: 315. ☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐. ☐
time since /to hi: -81 lo: +278 Surface Temp (C): ☐☐.☐
Comments: dropped to ~300m
WPT 416) E of Hunter Cove. Bottom: Hard ☐ Soft ☐ Unknown ☒

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CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # 20022 Date: 030796 Time Instrument on 1419

Cast #: c19 Other Sampling: Ocean.

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 437163 UTMY: 6531685 Time of Position 140000

hi height: 517cm lo height: -16cm

Depth Mt: 188 ☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐ . ☐

time since /to hi: -30 lo: +329 Surface Temp (C): ☐☐ . ☐

Comments: dropped to: ~180m.

WPT: 417) East of Westdahl Pt. Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # 20022 Date: 030796 Time Instrument on 1505

Cast #: c20 Other Sampling: Ocean.

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 432170 UTMY: 6546167 Time of Position 150600

hi height: 517cm lo height: -15cm

Depth Mt: 217 ☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐ . ☐

time since /to hi: +16 lo: -358 Surface Temp (C): ☐☐ . ☐

Comments: dropped to 200m

418) So of Riggs, NW of McBride Inlet Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # 20022 Date: 030796 Time Instrument on 1354

Cast #: c21 Other Sampling: Ocean.

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 423616 UTMY: 6548584 Time of Position 155500

hi height: 517cm lo height: -15cm

Depth Mt: 239 ☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐ . ☐

time since /to hi: +65 lo: -309 Surface Temp (C): ☐☐ . ☐

Comments: dropped to: 220m

#419) MUIR INLET Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # 20022 Date: 030796 Time Instrument on 1616

Cast #: c22 Other Sampling: Ocean.

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 421528 UTMY: 6550145 Time of Position 160600

hi height: 517cm lo height: -15cm

Depth Mt: 195 ☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐ . ☐

time since /to hi: +87 lo: -287 Surface Temp (C): ☐☐ . ☐

Comments: dropped to 100m

#420) Head of Muir Inlet Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐☐☐☐☐ Date: ☐☐☐☐☐☐ Time Instrument on ☐☐☐☐

Cast #: c☐☐☐ Other Sampling:

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: ☐☐☐☐☐ UTMY: ☐☐☐☐☐☐ Time of Position ☐☐☐☐☐

Depth Mt: ☐☐☐ . ☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐ . ☐

Surface Temp (C): ☐☐ . ☐

Comments: Bottom: Hard ☐ Soft ☐ Unknown

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~~1995~~

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CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # 20023 Date: 030896 Time Instrument on 0655 (6)
Cast #: C00 Other Sampling: oceanographic
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 421705 UTMY: 6513237 Time of Position 065600
hi height: 541 cm lo height: -18 cm
Depth Mt: 255.0 Depth Ft: Depth Fa:
time since/to hi: +233 lo: -149
Comments: dropped to: ~220m (maybe shallower ~200m due to angle)
WPT# 6 E of Hughmiller Inlet
Surface Temp (C):
Bottom: Hard ☐ Soft ☐ Unknown X

Dump # 20023 Date: 030896 Time Instrument on 1503
Cast #: C01 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
* UTMX: 415010 UTMY: 6519838 Time of Position 150400
Position by Trimble GPS "Alaska" UTM
Depth Mt: 402 Depth Ft: Depth Fa:
time since/to hi: -21 lo: +339
hi height: 498 cm lo height: -18 cm
Comments: dropped to: <300M *Trimble Pix
WPT# 7 N of Blue Mouse W of Tidal Inlet
Surface Temp (C):
Bottom: Hard ☐ Soft ☐ Unknown X

Dump # 20023 Date: 030996 Time Instrument on 0826
Cast #: C02 Other Sampling: oceanographic
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 408192 UTMY: 6526040 Time of Position 082800
hi height: 536 cm lo height: -11 cm
Depth Mt: 424 Depth Ft: Depth Fa:
time since/to hi: +291 lo: -97
Comments: CTD to 300M snowing, low snow clouds - heavy overcast
WPT 8 S of Rendu Inlet
Surface Temp (C): OVER for comments →
Bottom: Hard ☐ Soft ☐ Unknown X

Dump # 20023 Date: 030996 Time Instrument on 0927.5
Cast #: C03 Other Sampling: ocean
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 400034 UTMY: 6529755 Time of Position 092700
hi height: 536 cm lo height: -11 cm
Depth Mt: ~~[illegible]~~ 325 Depth Ft: Depth Fa:
time since/to hi: +352 lo: -36
Comments: CTD to 300M slush ice on surface + snowing
WPT# 9 E of S Russel Is.
Surface Temp (C): * OVER →
Bottom: Hard ☐ Soft ☐ Unknown X

Dump # 20023 Date: 030996 Time Instrument on 1014
Cast #: C04 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 394397 UTMY: 6530129 Time of Position 101400
hi height: 471 cm lo height: -11 cm
Depth Mt: 379 Depth Ft: Depth Fa:
time since/to hi: -163 lo: +196
Comments: CTD to 300m snowy slush ice surface layer
WPT# 10 S of Russel Is.
Surface Temp (C):
Bottom: Hard ☐ Soft ☐ Unknown X

many "ice bergs" ~20' ea x 3' tall on average.

* [illegible] * no stations northward of #9 were done

travelling from this station the WPT# 9 to the North West there was thin (slush) ice on the surface with snow accumulation on top. It thickened closer to Russel Is. + WPT #9 but was not solid ice Chunks

→ Radar "GPS Navigator" is not reading well. Says, "bad input" so, deployment may not be precisely "on station" for WPT # 9. PLOR+ fix is good.

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CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # 2 0 0 2 3 Date: 0 3 0 9 9 6 Time Instrument on @ 1 3 1 8

Cast #: c 0 5 Other Sampling: oceanographic

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 4 2 8 6 2 5 UTMY: 6 5 0 7 4 9 0 Time of Position 1 3 1 8 0 0

hi height: 456 cm lo height: -11 cm

Depth Mt: 3 5 3 . ☐ Depth Ft: ☐ Depth Fa: ☐ . ☐

time since /to hi: -163 lo: +196

Surface Temp (C): ☐ . ☐

Comments: WPT5 CTD to: 300m

Between N Drake + SW Tlingit point

Bottom: Hard ☐ Soft ☐ Unknown X

Dump # ☐ Date: ☐ Time Instrument on 1 3 ☐

Cast #: c ☐ Other Sampling:

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: ☐ UTMY: ☐ Time of Position ☐

Depth Mt: ☐ . ☐ Depth Ft: ☐ Depth Fa: ☐ . ☐

Surface Temp (C): ☐ . ☐

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐ Date: ☐ Time Instrument on ☐

Cast #: c ☐ Other Sampling:

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: ☐ UTMY: ☐ Time of Position ☐

Depth Mt: ☐ . ☐ Depth Ft: ☐ Depth Fa: ☐ . ☐

Surface Temp (C): ☐ . ☐

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐ Date: ☐ Time Instrument on ☐

Cast #: c ☐ Other Sampling:

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: ☐ UTMY: ☐ Time of Position ☐

Depth Mt: ☐ . ☐ Depth Ft: ☐ Depth Fa: ☐ . ☐

Surface Temp (C): ☐ . ☐

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐ Date: ☐ Time Instrument on ☐

Cast #: c ☐ Other Sampling:

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: ☐ UTMY: ☐ Time of Position ☐

Depth Mt: ☐ . ☐ Depth Ft: ☐ Depth Fa: ☐ . ☐

Surface Temp (C): ☐ . ☐

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

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HIPPOGLOSSUS stenolepis

CTD Samples

HALIBUT LONG LINE

Glacier Bay National Park & Preserve, Alaska, U.S.A. Lower Bay

Dump # C 2 0 0 2 4 Date: 9 6 0 6 1 9 Time Instrument 1 0 2 1 (on)

Cast #: 0 0 Other sampling: off 1026

Sonic Bottom Trawl Longline X Zone: 8

WP 29 UTMX: 4 3 8 8 9 9 UTMY: 6 4 7 7 0 7 5 Time of Position 1 0 2 1 0 0

Depth m: 4 5 3 Depth Ft: — Depth Fa: —

Surface Temp (C): —

CTD WP 26 Comments: Set #: 151 mid point bottom downloaded 6/20 ~~navigated to.~~ dropped to 45m! Bottom: Hard Soft Unknown X

Dump # C 2 0 0 2 4 Date: 9 6 0 6 2 0 Time Instrument 1 1 1 0 (on)

Cast #: 0 1 Other Sampling:

Sonic Bottom Trawl Longline X Zone: 8

WP 30 UTMX: 4 4 6 2 6 6 UTMY: 6 4 7 7 4 8 7 Time of Position 1 1 1 2 0 0

Depth m: 2 6 5 Depth Ft: Depth Fa:

Surface Temp (C):

Comments: Set #: 150 downloaded 6/20 DROPPED TO 26M Bottom: Hard Soft X Unknown

Dump # C 2 0 0 2 4 Date: 9 6 0 6 2 0 Time Instrument 1 1 2 6 (on)

Cast #: 0 2 Other Sampling:

Sonic Bottom Trawl Longline X Zone: 8

WP 31 UTMX: 4 4 5 6 3 0 UTMY: 6 4 7 8 0 8 3 Time of Position 1 1 2 8 2 5

Depth m: 4 3 0 Depth Ft: Depth Fa:

Surface Temp (C):

Comments: Set #: 149 DOWNLOADED 6/20 DROPPED TO 58m Bottom: Hard Soft Unknown

Dump # C Date: 9 6 Time Instrument (on)

Cast #: Other Sampling:

Sonic Bottom Trawl Longline Zone: 8

UTMX: UTMY: Time of Position

Depth m: Depth Ft: Depth Fa:

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Oceanography

CTD Samples

Meter block used for deployment (not smart block=)

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 20025 Date: 96 06 28 Time Instrument on 1141
Cast #: 00 Other sampling: Oceanography
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 441757 UTMY: 6475169 Time of Position 114200
64 hi height: 371cm lo height: -19cm
Depth m: [redacted].4 Depth Ft : Depth Fa:
time since/to hi: -27 lo: +355 Surface Temp (C):
Comments: Set #: STN 1 Mouth GLBA
PLGR 007 DROPPED TO 62.0 m Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 20025 Date: 96 06 28 Time Instrument on 1225
Cast #: 01 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 438632 UTMY: 6483712 Time of Position 122700
hi height: 371cm lo height: 89cm
Depth m: 93.5 Depth Ft : Depth Fa:
time since/to hi: +17 lo: -322 Surface Temp (C):
Comments: Set #: stn 2 Sitaka day
PLGR 8 90m drop Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 20025 Date: 96 06 28 Time Instrument on 1310
Cast #: 02 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 439060 UTMY: 6492619 Time of Position 131200
hi height: 414cm lo height: 92
Depth m: 70.2 Depth Ft : Depth Fa:
time since/to hi: +49 lo: -301 Surface Temp (C):
Comments: Set #: stn 3 SE willoughby
PLGR 9 drop to 60m Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 20025 Date: 96 06 28 Time Instrument on 1400
Cast #: 03 Other Sampling: ocean.
hi height: 414 cm ~~lo height~~ Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435365 UTMY: 6501605 Time of Position 140200
lo height: 92cm
Depth m: 296.0 Depth Ft : Depth Fa:
PLGR 10 stn 4 S. Drake - N. Marble
dropped to 285 m
time since/to hi: +99 lo: -251

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CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 20025 Date: 960628 Time Instrument on 1452
Cast #: 04 Other sampling: oceanography
Sonic Bottom Trawl Longline Zone: 8
UTMX: 435494 UTMY: 6510765 Time of Position 145400
hi height: 414 cm lo height: 92
Depth m: 143.0 Depth Ft : Depth Fa:
time since/to hi: +151 lo: -199 Surface Temp (C):
Comments: Stn #: 13 ~~Rorake~~ SE Tlingit NW sturgess
PLGR 11 ±9m dropped to 140m Bottom: Hard Soft Unknown X

Dump # C 20025 Date: 960628 Time Instrument on 1532
Cast #: 05 Other Sampling: ocean.
Sonic Bottom Trawl Longline Zone: 8
UTMX: 435947 UTMY: 6517211 Time of Position 153400
hi height: 429 cm lo height: 92 cm
Depth m: 81.8 Depth Ft : Depth Fa:
time since/to hi: +186 lo: -162 Surface Temp (C):
Comments: Set #: stn 14 MUIR SILL
±9m PLGR 12 dropped to 69 m Bottom: Hard Soft Unknown X

Dump # C 20025 Date: 960628 Time Instrument on 1550
Cast #: 06 Other Sampling:
Sonic Bottom Trawl Longline Zone: 8
UTMX: 436295 UTMY: 6519809 Time of Position 155200
hi height: 429 cm lo height: 92 cm
Depth m: 108.0 Depth Ft : Depth Fa:
time since/to hi: +204 lo: -144 Surface Temp (C):
Comments: Set #: 15 W of Muir Pt
±9m PLGR 13 dropped to 98 m Bottom: Hard Soft Unknown X

Dump # C 20025 Date: 960628 Time Instrument on 1640
Cast #: 07 Other Sampling: ocean.
Sonic Bottom Trawl Longline X Zone: 8
UTMX: 437098 UTMY: 6528860 Time of Position 164100
hi height: 429 cm lo height: 92
Depth m: 312.0 Depth Ft : Depth Fa:
station ile : E of Hunter Cove
PLGR: 14 ± 9m dropped to 300m
time since/to hi: +253 lo: -95

* ice bergs visible - scattered through E. arm from McBride.

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CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 20025 Date: 960628 Time Instrument on: 1733
Cast #: 08 Other sampling: oceanographic
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 434679 UTMY: 6537376 Time of Position 173500
hi height: 429 cm lo height: 92 cm
Depth m: 219.0 Depth Ft : Depth Fa:
time since / to hi: +307 lo: -41 Surface Temp (C):
Comments: Set #: 17 E of Westdahl Pt
5m PLGR 15 dropped to 205 m. Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 20025 Date: 960628 Time Instrument on: 1830
Cast #: 09 Other Sampling: oceanography
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 432122 UTMY: 6546003 Time of Position 183100
hi height: 541 cm lo height: 92 cm
Depth m: 214.0 Depth Ft : Depth Fa:
time since / to hi: -340 lo: +15 Surface Temp (C):
Comments: Set #: 18 So Riggs NW McBride
PLGR 16 ±12m dropped to 200m Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 20025 Date: 960628 Time Instrument on: 1956
Cast #: ~~10~~ 11 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 423508 UTMY: 6548678 Time of Position 195700
hi height: 541 cm lo height: 92
Depth m: 235.0 Depth Ft : Depth Fa:
time since / to hi: -254 lo: +101 Surface Temp (C):
Comments: Set #: 19 MUIR INLET IHT BOTTOM
PLGR 18 dropped to 235.0m Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20025 Date: 960628 Time Instrument on: 1935
Cast #: 10 Other Sampling: Ocean.
hi height: 541 cm lo: 92 cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 421547 UTMY: 6550318 Time of Position 193600
time since / to hi: -275 lo: +80
Depth m: 183.0 Depth Ft : Depth Fa:
PLGR 17 Set # 20 Head of MUIR drop to 170m

± 19m

± 44m = FOM 2

★ brown prop wash: sediment layer not visible from surface but very brown in prop wash.

44 m = 2
41 m = 2
± 39 m = FOM 2
38 m = 2
21 m = FOM 1 ± 24 = 1

FOM 3 = ± 58m
3 = ± 280m

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CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 20025 Date: 960629 Time Instrument 0733
Cast #: 012 Other sampling: Ocean- on
Sonic Bottom Trawl Longline Zone: 8
UTMX: 414901 UTMY: 6519839 Time of Position 000734
hi height: 465cm lo height: -64 cm
Depth m: 431 0 Depth Ft : Depth Fa:
time since/to hi: -345 lo: +32 Surface Temp (C):
Comments: Set #: 7 N. OF BLUE MOUSE
±4.5 PLGR 19 - DROPPED TO 300.0 M Bottom: Hard Soft Unknown

Dump # C 20025 Date: 960629 Time Instrument 0833
Cast #: 013 Other Sampling: Ocean on
Sonic Bottom Trawl Longline Zone: 8
UTMX: 408280 UTMY: 6525930 Time of Position 000834
hi height: 465cm lo height: -64cm
Depth m: 422 0 Depth Ft : Depth Fa:
time since/to hi: -285 lo: +92 Surface Temp (C):
Comments: Set #: 8 S. OF BENDU INLET
±5m PLGR 20 - DROPPED TO 300.0 M Bottom: Hard Soft Unknown

Dump # C 20025 Date: 960629 Time Instrument 0935
Cast #: 014 Other Sampling: Ocean on.
Sonic Bottom Trawl Longline Zone: 8
UTMX: 400001 UTMY: 6529745 Time of Position 000936
hi height: 465cm lo height: -64cm
Depth m: 376 0 Depth Ft : Depth Fa:
time since/to hi: -223 lo: +154 Surface Temp (C):
Comments: Set #: 9 E of S Russel
±8m PLGR 21 DROPPED TO 305 M Bottom: Hard Soft Unknown

Dump # C 20025 Date: 960629 Time Instrument 1003
Cast #: 015 Other Sampling: Ocean on.
Sonic Bottom Trawl Longline Zone: 8
±9.8m UTMX: 394154 UTMY: 6530125 Time of Position 001004
Depth m: 380 0 Depth Ft : Depth Fa:

PLGR 22 SET #10 S. OF RUSSELL IS.
DROPPED TO 304.0 M

→ This CTD cast did not retrieve data!

- probably due to magnetic switch not on all the way or was screwed in too tightly.

/cd

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CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 20025 Date: 960629 Time Instrument on 1058
Cast #: 016 5 Other sampling: ocean. Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 389887 UTMY: 6538233 Time of Position 001059
hi height: 465cm lo height: -64cm
lots of ice. Depth m: 340.0 Depth Ft: Depth Fa: Surface Temp (C):
time since/to hi: -140 lo: +237
±14m Comments: Set #: 11 TARR INLET
±210, 220 PLGR 23 DROPPED TO 306M Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 20025 Date: 960629 Time Instrument on 1202
Cast #: 017 6 Other Sampling: ocean. Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 384296 UTMY: 6543485 Time of Position 120500
hi height: 465cm lo height: -64cm
Depth m: 294.0 Depth Ft: Depth Fa:
time since/to hi: -74 lo: +303 Surface Temp (C):
±9.6 Comments: Set #: 12 Head of Tarr
PLGR# 24 dropped to 281 Bottom: Hard ☐ Soft ☐ Unknown ☒

~~Dump # C 20025 Date: 960629 Time Instrument on 1547~~
~~Cast #: 018 Other Sampling:~~ Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
~~UTMX: 422034 UTMY: 6513773 Time of Position 154800~~
NO DATA see below ☆ Depth m: 288.0 Depth Ft: Depth Fa:
Surface Temp (C):
±9.5m ~~Comments: Set #: 6~~ E of Hugh Miller
~~PLGR# 25 dropped to 250m~~ Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 20025 Date: 960629 Time Instrument on 1631
Cast #: 19 7 Other Sampling: ocean Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 429584 UTMY: 6507789 Time of Position 163200
☆ hi height: 450cm lo height: 68cm
Depth m: 349.0 Depth Ft: Depth Fa:
stn #5 N Drake - SW thingit PLGR# 26 ±8.0m
time since/to hi: +197 lo: -153 dropped to 300m

NEED:
LENS paper → fluorometer window
cap → irradiance meter
calibration!

☆ rougher seas than other casts, rate of descent may have varied

√CD

Name: JAMIE Page:

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 25025 Date: 960629 Time Instrument on 1941
Cast #: ~~20~~ 18 Other sampling:
Sonic Bottom Trawl Longline Zone: 8
UTMX: 489938 UTMY: 6464875 Time of Position 194200
hi height: 417cm lo height: 75cm
Depth m: 56.9 Depth Ft : Depth Fa:
time since/to hi: -273 lo: +88 Surface Temp (C):
Comments: Set #: ∅ ICY STRAITS
PLGR 27 dropped to 55m Bottom: Hard Soft Unknown X

Dump # C Date: 96 Time Instrument on
Cast #: Other Sampling:
Sonic Bottom Trawl Longline Zone: 8
UTMX: UTMY: Time of Position
Depth m: Depth Ft : Depth Fa:
Surface Temp (C):
Comments: Set #:
Bottom: Hard Soft Unknown

Dump # C Date: 96 Time Instrument on
Cast #: Other Sampling:
Sonic Bottom Trawl Longline Zone: 8
UTMX: UTMY: Time of Position
Depth m: Depth Ft : Depth Fa:
Surface Temp (C):
Comments: Set #:
Bottom: Hard Soft Unknown

Dump # C Date: 96 Time Instrument on
Cast #: Other Sampling:
Sonic Bottom Trawl Longline Zone: 8
UTMX: UTMY: Time of Position
Depth m: Depth Ft : Depth Fa:

✓LS

Name: L SOLOMON

Page: 1

CTD Samples

Beetle PLGR Fed '96 (FWS)

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 20026 Date: 96 09 06 Time Instrument on 1049
Cast #: 00 Other sampling: oceanography
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 448605 UTMY: 6465325 Time of Position 105406
hi height: 281 cm lo height: 129 cm
Depth m: 56 Depth Ft : Depth Fa:
time since/to hi: +68 lo: -252 Surface Temp (C):
Comments: Set #: WP (PLGR) 50
Icy Straight, dropped to 51 m, ST # 0 Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 20026 Date: 96 09 06 Time Instrument on 1151
Cast #: 01 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 441963 UTMY: 6475014 Time of Position 115236
hi height: 304 cm lo height: 183 cm
Depth m: 63. Depth Ft : Depth Fa:
time since/to hi: +128 lo: -281 Surface Temp (C):
Comments: Set #: ST # 1 PLGR WP 57
mouth Glacier Bay CTD to 57 m. Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 20026 Date: 96 09 06 Time Instrument on 1300
Cast #: 02 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 438899 UTMY: 6483345 Time of Position 1305
hi height: 304 cm lo height: 183 cm
Depth m: 89.2 Depth Ft : Depth Fa:
time since/to hi: +197 lo: -142 Surface Temp (C):
Comments: Set #: ST # 2 SITAKA DAY
CTD TO 88 m WP 52 Bottom: Hard ☐ Soft ✓ Unknown

Dump # C 20026 Date: 96 09 06 Time Instrument on 1408
Cast #: 03 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 438078 UTMY: 6499612 Time of Position 1410
hi height: 347 cm lo height: 186 cm
Depth m: 107 Depth Ft : Depth Fa:
time since/to hi: +252 lo: -98

PLGR 53

SE Willoughby
ST # 3
CTD TO 100 m

✓LG

Name: LSOLOMON Page: 2

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 20026 Date: 960906 Time Instrument on 1513
Cast #: 04 Other sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435269 UTMY: 6501719 Time of Position 151423
hi height: 347cm lo height: 186cm time since/to hi: +317 lo: -33
Depth m: 292 Depth Ft: Depth Fa:
* some wire angle so probably ~280 m. Surface Temp (C):
Comments: Set #: ST. # 4 S. DRAKE, N. marble
CTD dropped to 290m WP56 Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 20626 Date: 960906 Time Instrument on 1620
Cast #: 05 ~~05~~ ~~04~~ Other Sampling: ocean
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 439595 UTMY: 6510721 Time of Position 162200
hi height: 400cm lo height: 186cm time since/to hi: -330 lo: +34
Depth m: 146 Depth Ft: Depth Fa:
ST. # 13, SE TLINGIT PT. Surface Temp (C):
Comments: Set #: ~~ST # 4 #13 MUIR SILL~~
drop CTD to 140m WP57 Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 20626 Date: 960906 Time Instrument on 1703
Cast #: 06 Other Sampling: ocean.
hi height: 415cm lo height: 186cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 436000 UTMY: 6517266 Time of Position 170430
time since/to hi: -292 lo: +74
Depth m: 74 Depth Ft: Depth Fa:
ST. 14, MUIR SILL Surface Temp (C):
Comments: Set #: ~~ST #6 15 W. of muir pt.~~
drop CTD TO 70 M WP58 Bottom: Hard ☐ Soft ✓ Unknown

Dump # C 20026 Date: 960906 Time Instrument on 1725
Cast #: 07 Other Sampling: ocean
436121 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
* UTMX: ~~436000~~ UTMY: ~~6517266~~ Time of Position 172630
hi height: 415cm lo height: 186cm
Depth m: 115 Depth Ft: Depth Fa:
time since/to hi: -270 lo: +96
WP59
~~ST # 16~~
drop CTD to 110 ST. #15, WEST OF MUIR PT.
~~E. of Hunter Cove~~

* UTMX 436121 Y 6519859

✓LS

Name: LSOLOMON Page: 3

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 200216 Date: 960906 Time Instrument on 1821
Cast #: 08 Other sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 434632 UTMY: 6537850 Time of Position 182500
hi height: 415cm lo height: 186cm time since/to hi: -214 lo: +152
Depth m: 312 Depth Ft : Depth Fa:
POSITION from plotter (not PLGRFIX) Surface Temp (C):
Comments: Set #: ~~17 E of Westdahl~~ #16, E. of Hunter Cove WP 60 stored
CTD to 312m Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 200216 Date: 960906 Time Instrument on 1925
Cast #: 09 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 434594 UTMY: 6531735 Time of Position 192543
hi height: 415cm lo height: 186cm time since/to hi: -150 lo: +216
Depth m: 210 Depth Ft : Depth Fa:
#17, E. of Westdahl pt. Surface Temp (C):
Comments: Set #: ~~18, S. of Riggs~~
ctd drop to 200m WP 61 Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 200216 Date: 960907 Time Instrument on 0658
Cast #: 10 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 431967 UTMY: 6546306 Time of Position 0656
hi height: 381cm lo height: 82 time since/to hi: -256 lo: +132
Depth m: 213 Depth Ft : Depth Fa:
#18, S. of Riggs Surface Temp (C):
Comments: Set #: ~~St. #19 - Muir Inlet~~
drop ctd to 203m WP #62 Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 200216 Date: 960907 Time Instrument on 0750
Cast #: 11 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 423320 UTMY: 6547881 Time of Position ~~0656~~ 075122
hi height: 381cm lo height: 82cm
Depth m: ~~213~~ 235 Depth Ft : Depth Fa:
time since/to hi: -204 lo: +184

wp. 63

St. #19, Muir Inlet
drop to 225m.

✓ LS

Name: L Solomon Page: 4

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 2 0 0 2 6 Date: 9 6 0 9 0 7 Time Instrument on 0 8 1 4
Cast #: 1 2 Other sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 1 5 0 7 UTMY: 6 5 5 0 3 5 9 Time of Position 0 8 1 5 2 4
hi height: 381cm lo height: 82cm time since/to hi: -180 lo: +208
Depth m: 1 7 8 . 0 Depth Ft : Depth Fa:
Surface Temp (C):
Comments: Set #: ST. # 20, near st moir drop ctd to 170m up 64
Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 2 0 0 2 7 Date: 9 6 0 9 0 7 Time Instrument on 1 3 4 1
Cast #: ~~00~~ 13 Other Sampling: ocean.
drop ctd to 15m < depth sounder
hi height: 381cm lo height: 170cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 1 5 1 0 3 UTMY: 6 5 1 9 9 8 3 Time of Position 1 3 4 2 2 0
4 3 6 time since/to hi: +148 lo: -200
Depth m: ~~1~~ 7 8 Depth Ft : Depth Fa:
PLGR error = ± 7.8 m
320m on meter block = ~330m.
Surface Temp (C):
Comments: Set #: ST. #7, N. of blue mouse drop to 320 m 66
Bottom: Hard ☐ Soft ✓ Unknown

Dump # C 2 0 0 2 7 Date: 9 6 0 9 0 7 Time Instrument on 1 4 4 0
Cast #: ~~0~~ 14 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 0 8 1 3 2 UTMY: 6 5 2 6 0 7 1 Time of Position 1 4 4 0 2 7
hi height: 381cm lo height: 170cm
Depth m: 4 2 4 Depth Ft : Depth Fa:
time since/to hi: +207 lo: -141
Surface Temp (C):
Comments: Set #: 8. S. of Rendu Inlet drop to 320 m ± 3.7m upper 67
Bottom: Hard ☐ Soft ✓ Unknown

Dump # C 2 0 0 2 ~~7~~ 7 Date: 9 6 0 9 0 7 Time Instrument on 1 5 3 7
Cast #: ~~0~~ 15 Other Sampling:
hi height: 381cm lo height: 170 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: ~~4 0 8 1 3 2~~ 4 0 0 0 0 0 UTMY: ~~6 5 2 6~~ 6 5 2 9 9 9 3 Time of Position
Depth m: 3 7 7 Depth Ft : Depth Fa:
time since/to hi: +264 lo: -84

ST # 9 E. of S. Russell
Ctd drop to 220 m ± 3.4 PLGR. 68

✓LS

Name: L SOLOMON Page: 5

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 200 27 Date: 960907 Time Instrument on 1620
Cast #: ~~03~~ 16 Other sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 394024 UTMY: 6530298 Time of Position 161840
hi height: 381cm lo height: 170cm
Depth m: 380 Depth Ft : Depth Fa:
time since/to hi: +387 lo: -41 Surface Temp (C):
Comments: Set #: 101 S. of Russell wpt #69
CTD drop to 320 m
Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 200 27 Date: 960907 Time Instrument on 1721
Cast #: ~~04~~ 17 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 389827 UTMY: 6538438 Time of Position 172230
hi height: 429cm lo height: 170cm
Depth m: 337 Depth Ft : Depth Fa:
time since/to hi: -342 lo: +20 Surface Temp (C):
Comments: Set #: 11, Tarr inlet
CTD drop to 320m wp 70
Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 200 27 Date: 960907 Time Instrument on 1828
Cast #: ~~05~~ 18 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 384255 UTMY: 6545469 Time of Position 182805
hi height: 429cm lo height: 170cm
Depth m: 290 Depth Ft : Depth Fa:
time since/to hi: -275 lo: +87 Surface Temp (C):
Comments: Set #: 12, head of Tarr inlet
275 CTD drop. wp 71 ± 7.1
Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 200 27 Date: 960908 Time Instrument on 1321
Cast #: ~~06~~ 19 Other Sampling: ocean.
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 421856 UTMY: 6514013 Time of Position 132242
hi height: 410cm lo height: 140
Depth m: 282 Depth Ft : Depth Fa:

STN #6 E of Hugh Miller
dropped a little slow from 0m. → ~100m., then corrected to 1m./sec.
PLGR WP 72
CTD to 270m. ± 4.4m
time since/to hi: +75 lo: -276

✓LS

Name: @DEZAN

Page:

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 200207 Date: 96 0908 Time Instrument on 1412

Cast #: ~~07~~ 20 Other sampling: oceanography

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 428490 UTMY: 6507765 Time of Position 141317

hi height: 395cm lo height: 140cm

Depth m: 859 Depth Ft : Depth Fa:

time since /to hi: +130 lo: -224 Surface Temp (C):

Comments: Set #: 5 N Drake E of Marble

PLGR 73 ± 5.0 to 320m Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C Date: 96 Time Instrument on

Cast #: Other Sampling:

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: UTMY: Time of Position

Depth m: Depth Ft : Depth Fa:

Surface Temp (C):

Comments: Set #:

Bottom: Hard ☐ Soft ☐ Unknown

Dump # C Date: 96 Time Instrument on

Cast #: Other Sampling:

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: UTMY: Time of Position

Depth m: Depth Ft : Depth Fa:

Surface Temp (C):

Comments: Set #:

Bottom: Hard ☐ Soft ☐ Unknown

Dump # C Date: 96 Time Instrument on

Cast #: Other Sampling:

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: UTMY: Time of Position

Depth m: Depth Ft : Depth Fa:

CDEZAN

OCEANOGRAPHY

SEP 8 — Glacier Bay NPP, AK

1600 Navigated to submerged Reef N. of Strawberry Is. via PLGR '96 (FWS) to retrieve temp. data logger. LOGGER was not visible from surface.

☆ One otter was at edge of floating kelp cleaning(?) it had large piece kelp draped over its stomach. I could not see if it was eating or not. No others in sight.
location: 441007 6490327
200m north of this waypoint

1900 CTDs completed. Return Bartlett Cove

SEPT 7 0630 Clear + calm in East Arm

Continued CTD-ing.
Thin ice on sea surface - probably fresh water.
*- 3 seal adult + one pup floating on ice south of N.C Bride. They entered the water as we passed, but stayed next

1200 Retrieved "Caroline Shoal" Datalogger
it was afloat with minor fouling of brown + hairy = algal + 1 Oregonensis / gracilis at the buoy end. some corrosion @ "anchor" block
- Temp. Logger was still "blinking" saying that it is still sampling * was dry inside
2100 AT Russel Is. Raft w/ "Hippo" too.; E. Hooge
E.T. 8

0630 More Russel Is. Raft to Blue Mouse Cove
Clear + Calm! 1010 mb ; can see clear to Chichagof
*Hippo recovered Lone Is. Datalogger / temperature
- Liz Solomon + E Hooge on "Hippo" remain @ Blue Mouse
1230 2 humpbacks E. of Rendu
Many barnacle molts (?) floating at Blue Mouse, + also all the way out at CTD station #6 E of Hugh Miller mid-channel also floating with terrestrial debris: feathers, leaves

* recorder was well attached, dry, + still logging temperature
buoy visible + floating

CTDs completed / Return Bartlett Cove

J. L. DARLING CORP. TACOMA, WA 98421
(206) 383-1716 · FAX (206) 383-1722

C DEZAN

Oceanography
CTD

1996 — Glacier Bay NPP, A.

SEPT. 6 — "R/V QUILLBACK" Capt. Jim de la Bruere
Liz Solomon, Caroline Dezan

0900 Depart Bartlett Cove for Icy Straits
1100 mb, northerly 20 knots, clear
4 seas ICY STRAITS → N. Willoughby

CTD was calibrated @ Seabird Elec. before this trip. glass tube had been cracked + was replaced.

We used the meter block to gvas depth CTD was dropped, + timed the speed of the drop to 1M./sec.

* NEXT time: look in to surface temperat
- sensor (electronic ?)
- secci disc or some method of sediment @ surface.

☆ BG Bull Moose N. of Sealers Is. on beach.
2030 At anchor Wolf

Northern Lights!

Note: PLGR+ FWS Feb '96 "Beetle" was used. Two waypoints are not CTD waypoints
- WP 65 & 74 are dataloggers
- the 1st ~~50~~ 49 WPs are from crab chronosequence rin (+ dive transects)

✓ LS

Name: L SOLOMON Page: 1

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A. [GREEN CRICKET 96 PLGR+]

Dump # C 2 0 0 2 8 **Date:** 9 6 1 0 2 5 **Time Ctd On** 0 9 2 4
Cast #: C 0 0 **Other Sampling:** OCEANOGRAPHY
hi height: 593cm lo height: 4 **Sonic** ☐ **Bottom** ☐ **Trawl** ☐ **Longline** ☐ **Zone:** 8
UTMX: 4 3 6 6 0 5 **UTMY:** 6 5 1 0 7 1 2 **Time of Position** 0 9 2 5
time since/to hi: -272 lo: +29
Depth m: 1 4 5 **Depth Ft:** **Depth Fa:**
Location: SE KLICIT PT, NW SLUGGESS **Stn.#** 13 **Surface Temp (C):**
Ctd dropped to: 145 m **Wp#:** 331
Comments: UTMX = 435605 **Set #:** **Bottom:** Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 **Date:** 9 6 1 0 2 9 **Time Ctd On** 0 8 0 1
Cast #: C 0 1 **Other Sampling:** OCEANOGRAPHY
hi height: 521cm lo height: 66 cm **Sonic** ☐ **Bottom** ☐ **Trawl** ☐ **Longline** ☐ **Zone:** 8
UTMX: 4 3 4 8 0 6 **UTMY:** 6 5 3 7 5 7 2 **Time of Position** 0 8 0 2
time since/to hi: +294 lo: -54
Depth m: 1 5 5 **Depth Ft:** **Depth Fa:**
Location: ~~Head of Muir Inlet~~ E. WESTDAHL PT. **Stn.#** 2017 **Surface Temp (C):**
Ctd dropped to: 150 m **Wp#:** 338
Comments: **Set #:** **Bottom:** Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 **Date:** 9 6 1 0 2 9 **Time Ctd On** 0 8 5 6
Cast #: C 0 2 **Other Sampling:** OCEANOGRAPHY
hi height: 559cm lo height: 66 cm **Sonic** ☐ **Bottom** ☐ **Trawl** ☐ **Longline** ☐ **Zone:** 8
UTMX: 4 3 2 0 4 4 **UTMY:** 6 5 4 6 0 6 0 **Time of Position** 0 8 5 7
time since/to hi: -357 lo: +1
Depth m: 2 1 2 **Depth Ft:** **Depth Fa:**
Location: S. RIGGS, NW MCBRIDE **Stn.#** 18 **Surface Temp (C):**
Ctd dropped to: 205 m **Wp#:** 339
Set #: **Bottom:** Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 **Date:** 9 6 1 0 2 9 **Time Ctd On** 0 9 5 0
Cast #: C 0 3 **Other Sampling:** OCEANOGRAPHY
hi height: 559cm lo height: 66cm **Sonic** ☐ **Bottom** ☐ **Trawl** ☐ **Longline** ☐ **Zone:** 8
UTMX: 4 2 3 6 4 8 **UTMY:** 6 5 4 8 6 7 7 **Time of Position** 0 9 5 1
time since/to hi: -303 lo: +55
Depth m: 2 3 3 **Depth Ft:** **Depth Fa:**
Location: MUIR INLET **Stn.#** 19 **Surface Temp (C):**
Ctd dropped to: 225 m **Wp#:** 340
Set #: **Bottom:** Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 **Date:** 9 6 1 0 2 9 **Time Ctd On** 1 0 1 4
Cast #: C 0 4 **Other Sampling:** OCEANOGRAPHY
hi height: 559cm lo height: 66cm **Sonic** ☐ **Bottom** ☐ **Trawl** ☐ **Longline** ☐ **Zone:** 8
UTMX: 4 2 1 5 7 8 **UTMY:** 6 5 5 0 1 5 1 **Time of Position** 1 0 1 5
time since/to hi: -279 lo: +79
Depth m: 1 8 8 **Depth Ft:** **Depth Fa:**
Location: HEAD OF MUIR INLET **Stn.#** 20 **Surface Temp (C):**
Ctd dropped to: 180m **Wp#:** 341
Set #: **Bottom:** Hard ☐ Soft ☐ Unknown ☒

* CTD CLOCK OFF BY 2 HRS

Name: L SOLOMON Page: 2

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 2 0 0 2 8 Date: 9 6 1 0 2 9 Time Ctd On 1 2 3 4
Cast #: C 0 5 Other Sampling: oceanography
hi height: 559cm lo height: 66cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 6 9 8 0 UTMY: 6 5 2 9 0 6 3 Time of Position 1 2 3 5
time since /to hi: -139 lo: +219
Depth m: 3 1 2 Depth Ft: Depth Fa:
Location: E. OF HUNTER COVE Stn.# 16 Surface Temp (C):
Ctd dropped to: 305m Wp#: 342
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 2 9 Time Ctd On 1 3 2 7
Cast #: C 0 6 Other Sampling: oceanography
hi height: 559cm lo height: 66cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 6 2 5 4 UTMY: 6 5 1 9 6 5 5 Time of Position 1 3 2 8
time since /to hi: -86 lo: +272
Depth m: 1 0 5 Depth Ft: Depth Fa:
Location: W. OF MUIR PT. Stn.# 15 Surface Temp (C):
Ctd dropped to: 100m Wp#: 343
Comments: Set # Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 2 9 Time Ctd On 1 3 4 4
Cast #: C 0 7 Other Sampling: oceanography
hi height: 599cm lo height: 66cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 6 0 7 5 UTMY: 6 5 1 7 3 3 8 Time of Position 1 3 4 5
time since /to hi: -69 lo: +289
Depth m: 9 0 Depth Ft: Depth Fa:
Location: MUIR SILL Stn.# 14 Surface Temp (C):
Ctd dropped to: 80m Wp#: 344
Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 2 9 Time Ctd On 1 4 4 8
Cast #: C 0 8 Other Sampling: ocean.
hi height: 559cm lo height: 66cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 8 6 3 1 UTMY: 6 5 0 7 5 4 6 Time of Position 1 4 4 9
time since /to hi: -5 lo: +353
Depth m: 3 5 6 Depth Ft: Depth Fa:
Location: Between N. Drake/TLINGIT Stn.# 5 Surface Temp (C):
Ctd dropped to: 320m Wp#: 345
Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 0 Time Ctd On 0 7 2 7
Cast #: C 0 9 Other Sampling: ocean.
hi height: 592cm lo height: 100cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 0 8 2 5 5 UTMY: 6 5 2 5 9 0 3 Time of Position 0 7 2 8
time since /to hi: +225 lo: -125
Depth m: 4 2 2 Depth Ft: Depth Fa:
Location: ~~N. DUKE MOUTH, W. TIDAL~~ Stn.# 8 Surface Temp (C):
Ctd dropped to: 320m Wp#: 348
S. OF RENDU INLET Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 0 Time Ctd On 0 8 2 3
Cast #: C 1 0 Other Sampling: ocean.
hi height: 492cm lo height: 100cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 0 0 0 5 9 UTMY: 6 5 2 9 7 3 9 Time of Position 0 8 2 4
time since/to hi: +281 lo: -69
Depth m: 3 7 5 Depth Ft: Depth Fa:
Location: E. OF S. RUSSELL IS. Stn.# 9 Surface Temp (C):
Ctd dropped to: 320m Wp#: 349
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 0 Time Ctd On 0 9 0 5
Cast #: C 1 1 Other Sampling: ocean.
hi height: 492cm lo height: 100cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 9 4 1 1 1 UTMY: 6 5 3 0 1 0 2 Time of Position 0 9 0 6
time since/to hi: +323 lo: -27
Depth m: 3 8 0 Depth Ft: Depth Fa:
Location: S. RUSSELL ISLAND Stn.# 10 Surface Temp (C):
Ctd dropped to: 320m Wp#: 350
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 0 Time Ctd On 1 0 0 0
Cast #: C 1 2 Other Sampling: ocean.
hi height: 524cm lo height: 100cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 8 9 8 9 2 UTMY: 6 5 3 8 2 8 1 Time of Position 1 0 0 1
time since/to hi: -330 lo: +28
Depth m: 3 3 7 Depth Ft: Depth Fa:
Location: Tarr Inlet Stn.# 11 Surface Temp (C):
Ctd dropped to: 320m Wp#: 351
Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 0 Time Ctd On 1 0 5 6
Cast #: C 1 3 Other Sampling: ocean.
hi height: 524cm lo height: 100cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 8 4 2 4 9 UTMY: 6 5 4 5 3 4 9 Time of Position 1 0 5 7
time since/to hi: -274 lo: +84
Depth m: 2 8 0 Depth Ft: Depth Fa:
Location: Head of Tarr Inlet Stn.# 12 Surface Temp (C):
Ctd dropped to: 270m Wp#: 352
Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 0 Time Ctd On 1 4 1 3
Cast #: C 1 4 Other Sampling: ocean.
hi height: 524cm lo height: 100cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 1 5 1 3 6 UTMY: 6 5 1 9 9 3 8 Time of Position 1 4 1 4
time since/to hi: -77 lo: +281
Depth m: 4 3 5 Depth Ft: Depth Fa:
Location: N. BLUEMOUSE, W. OF TIDAL Stn.# 7 Surface Temp (C):
Ctd dropped to: 320m Wp#: 353
Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Name: L SOLOMON Page: 4 ✓LS

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 0 Time Ctd On 1 5 0 5
Cast #: C 1 5 Other Sampling: ocean.
hi height: 524cm lo height: 140cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 1 5 4 3 UTMY: 6 5 1 3 9 4 7 Time of Position 1 5 0 6
time since/to hi: -25 lo: +333
Depth m: 2 9 5 Depth Ft: Depth Fa:
Location: E. HUGH MILLER INLET Stn.# 6 Surface Temp (C):
Ctd dropped to: 280m Wp#: 354
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 1 Time Ctd On 0 7 5 4
Cast #: C 1 6 Other Sampling: ocean.
hi height: 446cm lo height: 136cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 5 3 9 3 UTMY: 6 5 0 1 7 5 7 5 Time of Position 0 7 5 5
time since/to hi: +212 lo: -139
Depth m: 2 9 4 Depth Ft: Depth Fa:
Location: N. OF DRAKE / MARBLE ISL. Stn.# 4 Surface Temp (C):
Ctd dropped to: 280m Wp#: 356
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 1 Time Ctd On 0 8 5 4
Cast #: C 1 7 Other Sampling: ocean.
hi height: 446cm lo height: 136 cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 8 1 9 2 UTMY: 6 4 9 2 6 7 5 Time of Position 0 8 5 5
time since/to hi: +272 lo: -79
Depth m: 1 0 9 Depth Ft: Depth Fa:
Location: SE WILLOUGHBY Stn.# 3 Surface Temp (C):
Ctd dropped to: 100 m Wp#: 357
Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 1 Time Ctd On 1 0 0 9
Cast #: C 1 8 Other Sampling: ocean.
hi height: 427cm lo height: 133cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 8 7 2 4 UTMY: 6 4 8 3 5 0 8 Time of Position 1 0 1 0
time since/to hi: -344 lo: +20
Depth m: 8 8.5 Depth Ft: Depth Fa:
Location: SITAKADAY Stn.# 2 Surface Temp (C):
Ctd dropped to: 80 m Wp#: 360
Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 2 8 Date: 9 6 1 0 3 1 Time Ctd On 1 1 0 2
Cast #: C 1 9 Other Sampling: ocean.
hi height: 427cm lo height: 133cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 34 2 0 1 1 UTMY: 6 4 7 4 8 5 8 Time of Position 1 1 0 3
time since/to hi: -291 lo: +73
Depth m: E 6 0. 7 Depth Ft: Depth Fa:
Location: mouth Glacier Bay Stn.# 1 Surface Temp (C):
Ctd dropped to: 50m Wp#: 361
Set #: Bottom: Hard ☐ Soft ☐ Unknown ☒

Name: L SOLOMON Page: 5 /LS

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A.

Dump # C 2 0 0 2 8 **Date:** 9 6 1 0 3 1 **Time Ctd On** 1 1 5 6
Cast #: C 2 0 **Other Sampling:** oceanography
hi/ligh: 370cm low/ligh: 123cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ **Zone:** 8
UTMX: 4 4 8 4 2 6 **UTMY:** 6 4 6 6 0 8 6 **Time of Position** 1 1 5 7
time one/lo hi: -205 to: +142
Depth m: 5 3. 5 **Depth Ft:** **Depth Fa:**
Location: ICY STRAITS Stn.# 0 **Surface Temp (C):**
Ctd dropped to: 45m Wp#: 362
Comments: faster speed Set #: / **Bottom:** Hard ☐ Soft ☐ Unknown ☒

Dump # C **Date:** 9 6 **Time Ctd On**
Cast #: C **Other Sampling:**
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ **Zone:** 8
UTMX: **UTMY:** **Time of Position**
Depth m: **Depth Ft:** **Depth Fa:**
Location: Stn.# **Surface Temp (C):**
Ctd dropped to: Wp#:
Comments: Set #: **Bottom:** Hard ☐ Soft ☐ Unknown ☐

Dump # C **Date:** 9 6 **Time Ctd On**
Cast #: C **Other Sampling:**
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ **Zone:** 8
UTMX: **UTMY:** **Time of Position**
Depth m: **Depth Ft:** **Depth Fa:**
Location: Stn.# **Surface Temp (C):**
Ctd dropped to: Wp#:
Set #: **Bottom:** Hard ☐ Soft ☐ Unknown ☐

Dump # C **Date:** 9 6 **Time Ctd On**
Cast #: C **Other Sampling:**
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ **Zone:** 8
UTMX: **UTMY:** **Time of Position**
Depth m: **Depth Ft:** **Depth Fa:**
Location: Stn.# **Surface Temp (C):**
Ctd dropped to: Wp#:
Set #: **Bottom:** Hard ☐ Soft ☐ Unknown ☐

Dump # C **Date:** 9 6 **Time Ctd On**
Cast #: C **Other Sampling:**
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ **Zone:** 8
UTMX: **UTMY:** **Time of Position**
Depth m: **Depth Ft:** **Depth Fa:**
Location: Stn.# **Surface Temp (C):**
Ctd dropped to: Wp#:
Set #: **Bottom:** Hard ☐ Soft ☐ Unknown ☐

OCTOBER 25

0800 - 20 KNT. WINDS S,E.
1004 MB PRESSURE
BEGIN CTD'S AT STN # 13,
SE OF TLINGIT P.T.
CAST # 28
JIM DE LA BROERE, LEWIS SHARMAN, + LIZ SOLOMON
- USING METER BLOCK

RESUMED TRACKING AFTER 1 CTD STATION

OCTOBER 29

RESUME CTD'S, JIM DELABROERE, LIZ SOLOMON
0700 DEPART HUNTER COVE
FOR HEAD OF MUIR INLET
10032 MB PRESSURE, ~~CLEAR SKIES~~
PARTLY CLOUDY, SLIGHTLY BREEZY

3 GOATS ON WEST SIDE, N. OF WESTDAHL, SEALIONS, WHALES
RESUME HALIBUT TRACKING @ 1300.

OCTOBER 30

0630 DEPART BLUEMOUSE COVE - HEADED NORTH
WINDS CALM, 1024 MB PRESSURE
PARTLY CLOUDY

LOTSA GOATS ? (GLOOMY KNOB + TARR INLET - E. SIDE)
17-20 GOATS IN TARR!

OCTOBER 31

- BEGIN CTD @ 0700 - DEPART JOHNSON COVE - 2 DEER ON BEACH.
CLOUDY, NORTH WINDS, 1021 MB PRESSURE.

FINISH CTD'S @ 1206 - RETURN TO BARTLETT COVE

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