Name: LSOLOMON

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Oceanographic Survey

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

lots of "bad flags" at surface in CNV

Dump # C 20033 Date: 980201 Time Ctd On 1201
Cast #: 5.20 00 Other Sampling:
hi hight: ~~4.62~~ m Lo hight: 0.08 m Sonic Bottom Trawl Longline Zone: 8
UTMX: 043574 UTMY: ~~043574~~ 6510569 Time of Position 1202
tide/since to Lo: ~~[illegible]~~ 8 hi: ~~[illegible]~~
Depth m: 149 Depth Ft: -269 Depth Fa: ~~149~~ m
Location: SE Tlingit, nw Stugess Stn.# 13 Surface Temp (C):
Ctd dropped to: 140m Wp#: 1
Comments: Set #: Bottom: Hard Soft Unknow

Dump # C 20033 Date: 980201 Time Ctd On 1241
Cast #: 5.20 01 Other Sampling:
hi hight: ~~4.62~~ m Lo hight: 0.08 Sonic Bottom Trawl Longline Zone: 8
UTMX: 436137 UTMY: 6517158 Time of Position 1242
tide since/to hi: ~~[illegible]~~ Lo: ~~[illegible]~~ +125
Depth m: ~~[illegible]~~ -227 77 Depth Ft: Depth Fa:
Location: muir SM1 Stn.# 14 Surface Temp (C):
Ctd dropped to: 70m Wp#: 2
Comments: Set #: Bottom: Hard Soft Unknow

Dump # C 20033 Date: 980201 Time Ctd On 1338
Cast #: 5.20 02 Other Sampling:
hi hight: ~~4.62~~ m Lo hight: 0.08 Sonic Bottom Trawl Longline Zone: 8
UTMX: 437056 UTMY: 6528757 Time of Position 1338
tide/since to hi: ~~208~~ Lo: ~~[illegible]~~ +~~208~~
Depth m: 314 ~~[illegible]~~ Depth Ft: Depth Fa:
Location: E. of HUNTER COVE Stn.# 16 Surface Temp (C):
Ctd dropped to: 300m Wp#: 3
comments -173 +181 Set #: / Bottom: Hard Soft Unknow

Dump # C 20033 Date: 980201 Time Ctd On 1428
Cast #: 5.20 03 Other Sampling:
hi hight: ~~4.62~~ m Lo hight ~~0.08~~ 0.08 m Sonic Bottom Trawl Longline Zone: 8
UTMX: 434830 UTMY: 6537591 Time of Position 1429
tide since/to Hi ~~[illegible]~~ Lo: ~~[illegible]~~ +231
Depth m: 195 -123 Depth Ft: Depth Fa:
Location: E. of westdahl pT. Stn.# 17 Surface Temp (C):
Ctd dropped to: 170 Wp#: 4
Comments: Line snag for on way down Set #: Bottom: Hard Soft Unknow

Dump # C 20033 Date: 980201 Time Ctd On 1515
Cast #: 5.20 04 Other Sampling:
hi hight: ~~4.62~~ m Lo hight: 0.08 m Sonic Bottom Trawl Longline Zone: 8
UTMX: 432104 UTMY: 6546061 Time of Position 1515
tide since/to hi: ~~[illegible]~~ Lo: ~~[illegible]~~ +278
Depth m: 217 -76 Depth Ft: Depth Fa:
Location: S Riggs, nw McBride Inlet Stn.# 18 Surface Temp (C):
Ctd dropped to: 205 Wp#: 5
Comments: Set #: Bottom: Hard Soft Unknow

Name: LSOLOMON

Oceanographic Survey

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

Dump # C 2 0 0 3 3 Date: 9 8 0 2 0 1 Time Ctd On 1 5 5 5
Cast #: 5.22a 0 5 Other Sampling:
hiright: 4.62m Lohight: 0.23m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 3 5 2 3 UTMY: 6 5 4 8 7 1 9 Time of Position 1 5 5 5
Tide since/to hi: +360 Lo: +318
Depth m: 2 3 6 Depth Ft : Depth Fa:
Location: Muir Inlet Stn.# 19 Surface Temp (C):
Ctd dropped to: 220 Wp#: 6
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 3 Date: 9 8 0 2 0 1 Time Ctd On 1 6 2 1
Cast #: 5.20 0 6 Other Sampling:
hiright: 4.62m Lohight: 0.23m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 1 5 2 6 UTMY: 6 5 5 0 2 5 7 Time of Position 1 6 2 1
Tide since/to hi: -10 Lo: +344
Depth m: 1 9 3 Depth Ft : Depth Fa:
Location: Head muir Inlet Stn.# 20 Surface Temp (C):
Ctd dropped to: 180 Wp#: 7
Comments: Set #: / Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 3 Date: 9 8 0 2 0 2 Time Ctd On 0 8 3 7
Cast #: 0 7 Other Sampling:
hiright: 5.44 Lohight: 0.25 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 1 5 1 5 9 UTMY: 6 5 1 9 8 4 9 Time of Position 0 8 3 8
Tide Since/to hi: +210 Lo: -173
Depth m: 4 3 5 Depth Ft : Depth Fa:
Location: N. Blue Mouse, W. Stn.# 7 Surface Temp (C):
Ctd dropped to: 330m Tidal Wp#: 8
comments Set #: / Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 3 Date: 9 8 0 2 0 2 Time Ctd On 9 3 1
Cast #: 0 8 Other Sampling:
hiright: 5.44 Lohight: 0.25 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 0 8 2 5 9 UTMY: 6 5 2 5 9 1 8 Time of Position 9 3 1
Tide since/to hi: +263 Lo: -119
Depth m: 4 2 5 Depth Ft : Depth Fa:
Location: S Tenclu Inlet Stn.# 8 Surface Temp (C):
Ctd dropped to: 330 m Wp#: 9
Comments: fom 3 Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 3 Date: 9 8 0 2 0 2 Time Ctd On 1 0 2 2
Cast #: 0 9 Other Sampling:
hiright: 5.44 Lohight: 0.25 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 0 0 0 2 2 UTMY: 6 5 2 9 8 0 9 Time of Position 1 0 2 3
Tide Since/to hi: +315 Lo: -67
Depth m: 3 7 5 Depth Ft : Depth Fa:
Location: S. Russell Island Stn.# 4 Surface Temp (C):
Ctd dropped to: 330 m Wp#: 10
Comments: FOM 3 Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Name: L SOLOMON Page: 3

Oceanographic Survey

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

Dump # C 20033 Date: 980202 Time Ctd On 1100
Cast #: 10 Other Sampling:
hi height: 5.44 Lo height 0.25 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 394100 UTMY: 6530202 Time of Position 1100
Time since/to hi: +352 Lo: -30
Depth m: 348 Depth Ft : Depth Fa:
Location: E of Russell Island Stn.# 10 Surface Temp (C):
Ctd dropped to: 330 m Wp#: 11
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 20033 Date: 980202 Time Ctd On 1152
Cast #: 11 Other Sampling:
hi height: 4.70 Lo height 0.25 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 389163 UTMY: 6538374 Time of Position 1152
Time since/to hi: -335 Lo: +22
Depth m: 337 Depth Ft : Depth Fa:
Location: Tarr Inlet Stn.# 11 Surface Temp (C):
Ctd dropped to: 320 Wp#: 12
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 20033 Date: 980202 Time Ctd On 1242
Cast #: 12 Other Sampling:
hi height: 4.70 Lo height: 0.25 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 384299 UTMY: 6545366 Time of Position 1247
Time since/to hi: -285 Lo: +72
Depth m: 287 Depth Ft : Depth Fa:
Location: Head Tarr Inlet Stn.# 12 Surface Temp (C):
Ctd dropped to: 280 Wp#: 13
comments Set #: / Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 20033 Date: 980202 Time Ctd On 1608
Cast #: 13 Other Sampling:
hi height: 4.70 Lo height 0.25 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 421838 UTMY: 6513844 Time of Position 1609
Time since/to hi: -78 Lo: [illegible] +278
Depth m: 288 Depth Ft : Depth Fa:
Location: E. Hugh Miller Inlet Stn.# 6 Surface Temp (C):
Ctd dropped to: 270 Wp#: 14
Comments: Set #: / Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 20033 Date: 980203 Time Ctd On 1051
Cast #: 14 Other Sampling:
hi height: 5.06m Lo height: 0.46m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 428588 UTMY: 6504536 Time of Position 1052
Time since/to: hi: +296 Lo: -101
Depth m: 360 Depth Ft : Depth Fa:
Location: Betw. N. Drake Island & SW Tlingit Pt. Stn.# 5 Surface Temp (C):
Ctd dropped to: 330m Wp#: 15
comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Name: LSOLOMON

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Oceanographic Survey

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

Lots of bad fogs at surface

Dump # C 20033 Date: 980203 Time Ctd On 1136
Cast #: 15 Other Sampling:
hihight: 5.06m Lohight: 0.44m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435297 UTMY: 6501535 Time of Position 1137
Time since/to: hi:+340 lo:-57
Depth m: 294 Depth Ft : Depth Fa:
Location: S. Drake / N. Marble Stn.# 4 Surface Temp (C):
Ctd dropped to: 280m Wp#: 16
Comments: BAD FOM (4) Set #: / Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 20033 Date: 980203 Time Ctd On 1221
Cast #: 16 Other Sampling:
hihight: 5.06m Lohight: 0.44m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 438143 UTMY: 6492604 Time of Position 1222
Time since/to hi:+385 Lo:11
Depth m: 109 Depth Ft : Depth Fa:
Location: J. E. Willoughby Stn.# 3 Surface Temp (C):
Ctd dropped to: 90m Wp#: 17
Comments: FOM 4 Set #: / Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 20033 Date: 980203 Time Ctd On 1259
Cast #: 3.65m 17 Other Sampling:
hihight: ~~4.08m~~ Lohight: 0.44m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 438742 UTMY: 6483538 Time of Position 1300
Time since/to: hi:-316 lo:+51
Depth m: 89.2 Depth Ft : Depth Fa:
Location: Sitakaday Stn.# 2 Surface Temp (C):
Ctd dropped to: 80m Wp#: 18
comments Set #: / Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 20033 Date: 980203 Time Ctd On 1342
Cast #: 3.65m 18 Other Sampling:
hihight: ~~4.08m~~ Lohight: 0.44m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 441924 UTMY: 6474970 Time of Position 1344
Time since/to hi:-272 lo:+95
Depth m: 61.3 Depth Ft : Depth Fa:
Location: mouth Glacier Bay Stn.# 1 Surface Temp (C):
Ctd dropped to: 50m Wp#: 19
Comments: Set #: / Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 20033 Date: 980203 Time Ctd On 1433
Cast #: 3.65m 19 Other Sampling:
hihight: ~~4.08m~~ Lohight: 0.44m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 448791 UTMY: 6465419 Time of Position 1434
Time since/to: hi:-207 lo:+144
Depth m: 54 Depth Ft : Depth Fa:
Location: ICY STR., mouth G.B. Stn.# 0 Surface Temp (C):
Ctd dropped to: 40m Wp#: 20
comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

1998 OCEANOGRAPHY Feb. 1

0845 Depart Bartlett Cove on Quillback. Jim DelaBruere, Liz Solomon, Kathy Swiney + Dena Matkin aboard for CTD oceanography trip.
PARTLY CLOUDY SKIES, 990 MB PRESSURE, ~~55°~~
CALM SEAS IN BARCO (ONLY)
HEADING TOWARDS EAST ARM STN's.
North winds. rough seas?
FINISHED 7 STATIONS
1819 - UPLOADED DATA to PC (CASTS #0-6)

0700 depart Sebree For East Arm stations. Feb. 2
CLOUDY. 995 MB PRESSURE.
LIGHT RAIN, CALM SEAS

1615 Head to Barco For night
1915 - ARRIVE BARCO

0745 - Depart Barco Feb. 3
Partly cloudy. 1001 MB pressure,
calm winds - warm
Kathy Swiney, Jim delabruere,
+ Liz Solomon aboard
for lower bay stations (# 0-5)

** NEED NEW PLOTR CABLES CALL) *

J. L. DARLING CORP. TACOMA, WA 98421
(206) 383-1714 FAX (206) 383-1722

1445	FINISH LAST STN IN ICY STRAITS - HEADING BACK TO BARCO
1600	ARRIVE BARCO

E. Solomon

Pg 2.

SWITCHED PLGR'S +, BACK TO
FOM 1.

CASTS 00 - 11 & wp saved on green plgr
CASTS 12 on saved on Tan plgr.

1520 EAST ARM - approaching Westdahl pt.
ENCOUNTERING PAN ICE AGAIN.

16:07 thru pan ice to STN. 18
solid ice across inlet
Skipping last 2 stns. due to ice
Headed to Barco for eve. & will
Finish last 4 lower Bay stns.
in a.m.

2100 ARRIVE BARCO FOR NITE.

30 OCT

0815 BARCO -
HIGH CLOUDS, LIGHT WINDS
Barometric pressure 29.73" ↓
A Few snowflakes!
CHECKED CTD FOR MEMORY + BATTERY
STATUS: ALL OK 11.4V VMAIN REMAINING
NEED TO READJUST TIME - IT READS
2 HRS. LATE.

1030 WINDS PICKING UP ...
Rougher seas. Headed
SNOWING IN ICY STRAIGHTS & back to Barco @ 1400

J. L. DARLING CORP. TACOMA, WA 98421
(206) 383-1714 · FAX (206) 383-1722

Name: LSOLOMON

Page: 1

* NO DEPTHS DUE TO SOUNDER *

It appears that the CTD was broken for this trip - BAD DATA! Not sure what the problem was - possibly problems with the pump & auxillary cables (as indicated in calibration sheets)

Oceanographic Survey

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

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 7 Time Ctd On 1 2 3 8
Cast #: 0 0 Other Sampling: ocean
Hiheight: 5.46 m Loheight: -1.36 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 5 3 9 9 UTMY: 6 5 0 1 6 3 3 Time of Position 1 2 3 9
Time Since/to hi: -156 lo: 212
Depth m: Depth Ft: Depth Fa:
Location: STN. 4 Drake I N. Marble Stn.# 4 Surface Temp (C):
Ctd dropped to: 280 M Wp#: 22
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 7 Time Ctd On 1 3 3 8
Cast #: 0 1 Other Sampling: Ocean.
hi height: 5.6 l m Loheight: -1.36 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 5 4 9 8 UTMY: 6 5 1 0 7 6 2 Time of Position 1 3 5 9
Time Since/to hi: -101 lo: 269
Depth m: Depth Ft: Depth Fa:
Location: SE Tlingit, NW Sturgess Stn.# 13 Surface Temp (C):
Ctd dropped to: 140 M Wp#: 23
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 27 Time Ctd On 1 4 1 3
Cast #: 0 2 Other Sampling: Ocean.
hiheight: 5.61 Loheight: -1.36 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 6 0 3 2 UTMY: 6 5 1 7 1 6 7 Time of Position 1 4 1 4
Time Since/to hi: -66 lo: 304
Depth m: 8 0 Depth Ft: Depth Fa:
Location: Muir Sill Stn.# 14 Surface Temp (C):
Ctd dropped to: 80 M Wp#: 24
comments Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 7 Time Ctd On 1 4 3 0
Cast #: 0 3 Other Sampling: ocean.
hiheight: 5.61 Loheight: -1.36 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 6 2 8 5 UTMY: 6 5 1 9 8 1 0 Time of Position 1 4 3 1
Time Since/to hi: -49 lo: 321
Depth m: Depth Ft: Depth Fa:
Location: W. Muir pt. Stn.# 15 Surface Temp (C):
Ctd dropped to: 110 M Wp#: 25
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 7 Time Ctd On 1 5 3 3 *
Cast #: 0 4 Other Sampling: ocean
hiheight: Loheight: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 7 5 8 UTMY: 6 5 2 8 7 9 5 Time of Position 1 5 3 4 1
Time Since/to hi: -6 lo: 364
Depth m: Depth Ft: Depth Fa:
Location: E. Hunter Cove Stn.# 16 Surface Temp (C):
Ctd dropped to: 300m Wp#: 26
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Name: LSOLOMON

Oceanographic Survey

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

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 7 Time Ctd On 1 6 1 1
Cast #: 0 5 Other Sampling: ocean.
hi height: 5.6 lm Lo height: -0.17m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 4 7 1 8 UTMY: 6 5 3 7 6 0 1 Time of Position 1 6 1 2
Time Since/To hi: 52 Lo: -309
Depth m: Depth Ft: Depth Fa:
Location: E. Westbank PT. Stn.# 17 Surface Temp (C):
Ctd dropped to: Wp#: 27
Comments: 200M Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 7 Time Ctd On 1 7 0 8 20
Cast #: 0 6 Other Sampling: ocean.
hi height: 5.6 lm Lo height: -0.17m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 2 0 9 9 UTMY: 6 5 4 5 9 7 0 Time of Position 1 7 0 0
Time Since/To hi: 101 Lo: -260
Depth m: Depth Ft: Depth Fa:
Location: S. Riggs. N.W. McBride Stn.# 18 Surface Temp (C):
Ctd dropped to: Wp#: 28
Comments: 200m Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 7 Time Ctd On 1 7 5 2
Cast #: 0 7 Other Sampling: ocean.
hi height: 5.6 lm Lo height: -0.17m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 3 4 9 1 UTMY: 6 5 4 8 6 2 5 Time of Position 1 7 5 1
Time Since/To hi: 153 Lo: -208
Depth m: Depth Ft: Depth Fa:
Location: MUIR INLET Stn.# 19 Surface Temp (C):
Ctd dropped to: Wp#: 29
Comments 210m Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 7 Time Ctd On 1 8 2 2
Cast #: 0 8 Other Sampling: ocean.
hi height: 5.6 lm Lo height: -0.17m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 1 5 7 9 UTMY: 6 5 5 0 2 4 6 Time of Position 1 8 2 0
Time Since/To hi: 181 Lo: -180
Depth m: Depth Ft: Depth Fa:
Location: Head of Muir Inlet Stn.# 20 Surface Temp (C):
Ctd dropped to: 270M Wp#: 30
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

delete

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 8 Time Ctd On 0 7 5 8
Cast #: 09 Other Sampling: ocean.
hi height: 5.6 lm Lo height: -0.17m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 0 8 2 7 5 UTMY: 6 5 2 5 8 6 5 Time of Position 0 7 5 6
Time Since/To hi: 276 Lo: -116
Depth m: Depth Ft: Depth Fa:
Location: S. Reynolds Inlet Stn.# 08 Surface Temp (C):
Ctd dropped to: 300m Wp#: 381
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

MISSING CAST

Name: LSOLOMON

Oceanographic Survey

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

3 samples (tests) taken hor (# 11-13)

9

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 8 Time Ctd On 1 8 4 9
Cast #: ~~10~~ 09 Other Sampling: Ocean.
hiheight: 6.13m Loheight: -1.32 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 0 0 0 9 5 UTMY: 6 5 2 9 7 0 8 Time of Position 0 8 4 7
Tide Since/To hi: 329 Lo: -63
Depth m: Depth Ft: Depth Fa:
Location: S. Russell Island Stn.# 9 Surface Temp (C):
Ctd dropped to: Wp#: 32
Comments: 300m Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 8 Time Ctd On 1 0 1 6
Cast #: ~~12~~ 13 Other Sampling: Ocean.
hiheight: 5.43m Loheight: -1.32m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 9 4 2 0 8 UTMY: 6 5 3 0 1 6 3 Time of Position 1 0 1 4
Tide Since/To hi: -350 Lo: 24
Depth m: Depth Ft: Depth Fa:
Location: E. Russell Island Stn.# 10 Surface Temp (C):
Ctd dropped to: Wp#: 33
Comments: 300m Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 8 Time Ctd On 1 1 ~~2 8~~ 19
Cast #: ~~13~~ 14 Other Sampling: Ocean.
hiheight: 5.43m Loheight: -1.32m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 8 9 9 1 2 UTMY: 6 5 3 8 2 7 1 Time of Position 1 1 2 6
Tide Since/To hi: -280 Lo: 94
Depth m: Depth Ft: Depth Fa:
Location: Tarr Inlet Stn.# 11 Surface Temp (C):
Ctd dropped to: Wp#: 34
Comments: 300m Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 8 Time Ctd On 1 2 2 1
Cast #: ~~14~~ 15 Other Sampling: Ocean.
hiheight: 5.43m Loheight: -1.32 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 8 4 8 5 3 UTMY: 6 5 4 4 6 9 9 Time of Position 1 2 1 9
Tide Since/To hi: -227 Lo: 147
Depth m: Depth Ft: Depth Fa:
Location: Head Tarr. Inlet Stn.# 12 Surface Temp (C):
Ctd dropped to: Wp#: 35
Comments: 270m Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Dump # C 2 0 0 3 4 Date: 9 8 0 4 2 8 Time Ctd On 1 5 1 3
Cast #: ~~15~~ 16 Other Sampling: Ocean.
hiheight: 5.43 Loheight: -1.32 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 1 4 9 3 1 UTMY: 6 5 1 9 9 3 3 Time of Position 1 5 1 1
Tide Since/To hi: -55 Lo: 347
Depth m: Depth Ft: Depth Fa:
Location: N. Blue Mc, W. tidal Stn.# 6 Surface Temp (C):
Ctd dropped to: Wp#: 36
Comments: 300m Set #: Bottom: Hard ☐ Soft ☐ Unknow ☐

Name: ESOLOMON

CTD SAMPLES

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

Dump # C 2003 5 Date: 980626 Time Ctd On 1219

Cast #: C 00 Other Sampling: ocean.

hiheight: 5.0cm loheight: -0.98cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 414793 UTMY: 6519558 Time of Position 1220

Time Since/To hi: -246 lo: 136

* Too deep for fath.

Depth m: >300 * Depth Ft: Depth Fa:

Location: N. Blue Mouse, W. Tidal

Ctd dropped to: 300m

Comments: fine tangle

Stn.# 07

Wp#: 164

Set #: /

Surface Temp (C):

Bottom: Hard ☐ Soft ☐ Unknown ☑

Dump # C 2003 5 Date: 980626 Time Ctd On 1315

Cast #: C 01 Other Sampling: ocean.

hiheight: 5.0cm loheight: -0.98cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 421864 UTMY: 6513928 Time of Position 1316

Time Since/To hi: -190 lo: 192

Depth m: * Depth Ft: Depth Fa:

Location: E. HUGH MILLER

Ctd dropped to: 260m

Comments:

Stn.# 06

Wp#: 165

Set #: /

Surface Temp (C):

Bottom: Hard ☐ Soft ☐ Unknown ☑

Dump # C 2003 5 Date: 980626 Time Ctd On 1410

Cast #: C 02 Other Sampling: ocean.

hiheight: 4.9m loheight: -0.98cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 428805 UTMY: 6507993 Time of Position 1411

Time Since/To hi: -131 lo: 248

Depth m: * Depth Ft: Depth Fa:

Location: N. Drake, S.W. Tlingit

Ctd dropped to: 300m

Stn.# 05

Wp#: 166

Set #: /

Surface Temp (C):

Bottom: Hard ☐ Soft ☐ Unknown ☑

Dump # C 2003 5 Date: 980626 Time Ctd On 1510

Cast #: C 03 -0.98 Other Sampling: ocean.

hiheight: 4.9m loheight: [illegible] Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 435460 UTMY: 6501625 Time of Position 1511

Time Since/To hi: -71 lo: 308

Depth m: * Depth Ft: Depth Fa:

Location: N. Drake, N. Marble

Ctd dropped to: 270m

Stn.# 04

Wp#: 167

Set #: /

Surface Temp (C):

Bottom: Hard ☐ Soft ☐ Unknown ☑

Dump # C 2003 5 Date: 980626 Time Ctd On 1610

Cast #: C 04 Other Sampling: ocean.

hiheight: 5.0cm loheight: -0.98cm Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 435852 UTMY: 6510763 Time of Position 1611

Time Since/To hi: -16 lo: 365

Depth m: * Depth Ft: Depth Fa:

Location: SE Tlingit, NW Sturgess

Ctd dropped to: 140m

Stn.# 13

Wp#: 168

Set #: /

Surface Temp (C):

Bottom: Hard ☐ Soft ☐ Unknown ☑

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

Dump # C 2 0 0 3 5 Date: 9 8 0 6 2 6 Time Ctd On 1 6 4 6
Cast #: C 0 5 Other Sampling: Ocean.
hiheight: 5.01m loheight: 0.68m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 6 0 7 8 UTMY: 6 5 7 7 0 9 5 Time of Position 1 6 4 0
TimeSince/Tohi: 14 Tolo: -336
Depth m: * 9 0 . 0 Depth Ft: Depth Fa:
Location: MUIR SILL Stn.# 14 Surface Temp (C): .
Ctd dropped to: 70m Wp#: 169
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknown ✓

* Too deep for fath. reading

Dump # C 2 0 0 3 5 Date: 9 8 0 6 2 7 Time Ctd On 0 5 4 3
Cast #: C 0 6 Other Sampling: Ocean.
hiheight: 5.34m loheight: -0.69m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: [illegible] 0 8 3 3 3 UTMY: 6 5 2 5 7 5 3 Time of Position 0 5 4 4
TimeSince/Tohi: 91 Tolo: -301
Depth m: * Depth Ft: Depth Fa:
Location: S OF RENDU Stn.# 08 Surface Temp (C): .
Ctd dropped to: 300m Wp#: 170
Comments: (time: 0543) Set #: Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 2 0 0 3 5 Date: 9 8 0 6 2 7 Time Ctd On 1 0 5 3
Cast #: C 0 7 Other Sampling: Ocean.
hiheight: 4.92m loheight: -0.69m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 8 4 3 8 7 UTMY: 6 5 4 5 3 8 9 Time of Position 1 0 5 4
TimeSince/Tohi: -374 Tolo: 9
Depth m: * Depth Ft: Depth Fa:
Location: Head of Tarr Inlet Stn.# 12 Surface Temp (C): .
Ctd dropped to: 270m Wp#: 173
Set #: Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 2 0 0 3 5 Date: 9 8 0 6 2 7 Time Ctd On 1 1 4 2
Cast #: C 0 8 Other Sampling: Ocean.
hiheight: 4.92m loheight: -0.69m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 8 9 8 4 7 UTMY: 6 5 3 8 6 7 4 Time of Position 1 1 4 3
TimeSince/Tohi: -324 Tolo: 58
Depth m: * Depth Ft: Depth Fa:
Location: Tarr Inlet Stn.# 11 Surface Temp (C): .
Ctd dropped to: 300m Wp#: 174
Set #: Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 2 0 0 3 5 Date: 9 8 0 6 2 7 Time Ctd On 1 2 3 2
Cast #: C 0 9 Other Sampling: Ocean.
hiheight: 4.92m loheight: -0.69m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 9 4 1 1 1 UTMY: 6 5 3 0 1 0 1 Time of Position 1 2 3 3
TimeSince/Tohi: -275 Tolo: 109
Depth m: * Depth Ft: Depth Fa:
Location: E. RUSSELL ISLAND Stn.# 10 Surface Temp (C): .
Ctd dropped to: 300m Wp#: 175
Set #: Bottom: Hard ☐ Soft ☐ Unknown ✓

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

Dump # C 2 0 0 3 5 Date: 9 8 0 6 2 7 Time Ctd On 1 3 0 9
Cast #: C 1 0 Other Sampling: ocean.
hiheight: 4.92m loheight: -0.69m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 9 9 9 7 9 UTMY: 6 5 2 9 7 6 3 Time of Position 1 3 1 0
TimeSince/To hi: -238 TimeSince/To lo: 145
Depth m: * Depth Ft: Depth Fa:
Location: S. Russell Island Stn.# 9 Surface Temp (C):
Ctd dropped to: 300m Wp#: 176
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 2 0 0 3 5 Date: 9 8 0 6 2 7 Time Ctd On 1 7 0 6
Cast #: C 1 1 Other Sampling: ocean.
hiheight: 4.92 loheight: -0.67 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 6 3 7 2 UTMY: 6 5 1 9 7 8 1 Time of Position 1 7 0 7
TimeSince/To hi: -2 lo: +380
Depth m: 1 1 0. 0 Depth Ft: Depth Fa:
Location: W. of Muir Pt. Stn.# 15 Surface Temp (C):
Ctd dropped to: 100m Wp#: 177
Comments: Set #: Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 2 0 0 3 6 Date: 9 8 0 6 2 7 Time Ctd On 1 7 4 8
Cast #: C 1 2 Other Sampling: ocean.
hiheight: 4.92m loheight: 0.85m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 7 1 8 0 UTMY: 6 5 2 8 6 7 7 Time of Position 1 7 4 9
TimeSince/To hi: 40 lo: -353
Depth m: * Depth Ft: Depth Fa:
Location: E. of Hunter Cove Stn.# 16 Surface Temp (C):
Ctd dropped to: 300m Wp#: 178
Set #: Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 2 0 0 3 6 Date: 9 8 0 6 2 7 Time Ctd On 1 8 4 0
Cast #: C 1 3 Other Sampling: ocean.
hiheight: 4.92m loheight: 0.85m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 4 6 9 1 UTMY: 6 5 3 7 3 6 5 Time of Position 1 8 4 1
TimeSince/To hi: +72 lo: -261
Depth m: * Depth Ft: Depth Fa:
Location: E. Westdahl Pt. Stn.# 17 Surface Temp (C):
Ctd dropped to: 200m Wp#: 179
Set #: Bottom: Hard ☐ Soft ☐ Unknown ✓

Dump # C 2 0 0 3 6 Date: 9 8 0 6 2 7 Time Ctd On 1 9 3 3
Cast #: C 1 4 Other Sampling: Ocean.
hiheight: 4.92m loheight: 0.85m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 2 3 5 9 UTMY: 6 5 4 5 7 9 3 Time of Position 1 9 3 4
TimeSince/To hi: 145 lo: -208
Depth m: * Depth Ft: Depth Fa:
Location: S. Riggs, NW McBride Stn.# 18 Surface Temp (C):
Ctd dropped to: 200m Wp#: 180
Set #: Bottom: Hard ☐ Soft ☐ Unknown ✓

name: ESOLOMON CTD samples

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

Dump #	C 20036	Date:	980627	Time Ctd On	2025
Cast #:	C 15	Other Sampling:	ocean.		
hiheight: 4.92m loheight: 0.85m		Sonic	Bottom	Trawl	Longline
UTMX:	423621	UTMY:	6548512	Time of Position	2026
TimeSince/To hi: 197 lo: -156					
Depth m:	X	Depth Ft:		Depth Fa:	
Location:	MUIR INLET	Stn.#	19	Surface Temp (C):	
Ctd dropped to:	~215 m	Wp#:	181		
Comments:	Return uneven	Set #:	—	Bottom: Hard / Soft / Unknown ✓	

Dump #	C 20036	Date:	980627	Time Ctd On	2049
Cast #:	C 16	Other Sampling:	ocean.		
hiheight: 4.92m loheight: 0.85m		Sonic	Bottom	Trawl	Longline
UTMX:	421664	UTMY:	6549897	Time of Position	2050
TimeSince/To hi: 221 lo: -132					
Depth m:	X	Depth Ft:		Depth Fa:	
Location:	Head of Muir Inlet	Stn.#	20	Surface Temp (C):	
Ctd dropped to:	170M	Wp#:	182		
Comments:		Set #:	—	Bottom: Hard / Soft / Unknown ✓	

Dump #	C 20036	Date:	980627	Time Ctd On	1139 ← 2339 ?
Cast #:	C 17	Other Sampling:	ocean.		
hiheight: 4.98m loheight: 0.85m		Sonic	Bottom	Trawl	Longline
UTMX:	436091	UTMY:	6518116	Time of Position	1140
TimeSince/To hi: -317 lo: 318			6518116		
Depth m:	80.31	Depth Ft:		Depth Fa:	
Location:	MUIR SILL	Stn.#	14	Surface Temp (C):	
Ctd dropped to:	70m	Wp#:	183		
	repeat - TEST *	Set #:	—	Bottom: Hard / Soft / Unknown	

Dump #	C 20036	Date:	980628	Time Ctd On	1040
Cast #:	C 18	Other Sampling:	ocean.		
hiheight: 4.83m loheight: 0.33m		Sonic	Bottom	Trawl	Longline
UTMX:	438100	UTMY:	6492710	Time of Position	1041
TimeSince/To hi: 349 lo: -45					
Depth m:	112.0	Depth Ft:		Depth Fa:	
Location:	SE Willoughby Is.	Stn.#	03	Surface Temp (C):	
Ctd dropped to:	100	Wp#:	184		
		Set #:	—	Bottom: Hard / Soft / Unknown ✓	

of what?

Dump #	C 20036	Date:	980628	Time Ctd On	1119
Cast #:	C 19	Other Sampling:	ocean.		
hiheight: 4.17m loheight: 0.36m		Sonic	Bottom	Trawl	Longline
UTMX:	438799	UTMY:	6483631	Time of Position	1119
TimeSince/To hi: lo: 18					
Depth m:	87.0	Depth Ft:		Depth Fa:	
Location:	Sitakaday	Stn.#	02	Surface Temp (C):	
Ctd dropped to:	-374 80m	Wp#:	185		
		Set #:	—	Bottom: Hard / Soft / Unknown ✓	

OCEANOGRAPHY

Name: E SOLOMON CTD Samples

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

Dump # C 2 0 0 3 5 **Date:** 9 8 0 6 2 8 **Time Ctd On** 1 1 5 7
Cast #: C 2 0 **Other Sampling:** Ocean.
Hiheight: 4.17m Loheight: -0.36m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ **Zone:** 8
UTMX: 4 4 2 0 0 9 **UTMY:** 6 4 7 5 3 6 6 **Time of Position**
TimeSince/To hi: -336 lo: 56
Depth m: 6 0 . 0 **Depth Ft:** **Depth Fa:**
Location: Mouth Glacier Bay Stn.# 01 **Surface Temp (C):**
Ctd dropped to: 50 Wp#: 186
Comments: Set #: ✓ **Bottom:** Hard ☐ Soft ☐ Unknown ✓

Dump # C 2 0 0 3 6 **Date:** 9 8 0 6 2 8 **Time Ctd On** 1 2 4 8
Cast #: C 2 1 **Other Sampling:** ocean.
Hiheight: 4.17m Loheight: -0.36m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ **Zone:** 8
UTMX: 4 4 8 4 9 2 **UTMY:** 6 4 6 5 2 1 4 **Time of Position**
TimeSince/To hi: -285 lo: 107
Depth m: 4 7 . 0 **Depth Ft:** **Depth Fa:**
Location: Icy Straights, mouth GB Stn.# 00 **Surface Temp (C):**
Ctd dropped to: 40 m Wp#: 187
Comments: Set #: ✓ **Bottom:** Hard ☐ Soft ☐ Unknown ☐

Dump # C **Date:** 9 **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 **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 **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 ☐

OCEANOGRAPHY

E. Solomon

OCEANOGRAPHY

1988 — 26 JUNE

0745 LIZ SOLOMON DEPARTS BARCO ON S.O.A. FOR DROPOFF @ SEBREE (APPROX 0930) TO MEET UP W/ R.V. TAMNIK

1100 Tamnik - Jim Delabrueere, Liz Solomon.
- Check CTD - vmain = 12.5V
Samples = ∅ nCasts = ∅
BLUE MOUSE COVE

COND: PARTLY CLOUDY. SEAS CALM. 29.93" BAROMETER
Fathometer doesn't read at deep depths

1645 RETURN TO BMC FOR COASTAL CREW
1900 Anchor @ Blue Mouse Cove w/ AOSC COAST CREW - (GAIL IRVINE, ERICA, KAREN, + DAN MONSON)
0430 Depart BMC. For IRENIN area — 27 JUNE
PARTLY CLOUDY, CEILING 2,000-3000 FT
BAROMETER: 30.05" - Fair
CALM WINDS - Like Breeze

0600 DROP 1ST CTD CAST @ STN. #8

* ENTERED NEW CALIBRATION DATA INTO SEACON (NEW FILE - SA98.CON) - SAVED TO DISK TO COPY TO NETWORK PC.

0730 ORCA SIGHTINGS NEAR COMPOSITE ISLAND

J. L. DARLING CORP. TACOMA, WA 98421 (206) 383-1714 · FAX (206) 383-1722

OCEANOGRAPHY

1998 — 27 JUNE

1430 PICKED UP COASTAL CREW (A.B.S.C.)
DEPART FOR EAST ARM STATIONS

Boats @ waterline - Muir Inlet

2100 DEPART FOR BEARTRACK COVE FOR EVE/ANCHOR

0630 CRYSTAL CLEAR, FLAT CALM MORN. 28 JUNE
+ PERFECT VISIBILITY BAROMETER: 30.1"

4 STATIONS LEFT TO DROP IN LOWER BAY (0-3)

MISC. NOTES: A FATHOMETER ON NEW VESSEL (R.V. TANNIC) IS NOT GETTING READINGS @ DEEPER DEPTHS - USING CONSERVATIVE AVERAGES.

1000 PULLED ABANDONED TANNER POT OUTSIDE (N.) OF BEARTRACK COVE.

CHECKED CTD FOR MEMORY + BATT STATUS
- ALL OK. 11.4 VMAX
NEED TO ADJUST TIME - 2 HRS. OFF (LATER)

J. L. DARLING CORP. TACOMA, WA 98421
(206) 383-1714 · FAX (206) 383-1722

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: E SOLOMON

Dump #	Cast #	Date	Time CTD on
C200037	C00	102898	133740

UTMX	UTMY	Zone	Time GPS position
435475	6501605	8	133850

Depth: (m), Ft, Fa)	CTD dropped to:	Station#	WP#
293.0	280.0 M	04	22

Location: N. Drake + N. Marble Is.

Comments: hiheight: 3.98m loheight: 2.01m
Time Since/To hi: -302 lo: 38

Bottom type: Hard Soft (Unknown)

Suface Temp (C):

Set#:

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other :

Dump #	Cast #	Date	Time CTD on
C200037	C01	102898	143206

UTMX	UTMY	Zone	Time GPS position
428635	6507583	8	143300

Depth: (m), Ft, Fa)	CTD dropped to:	Station#	WP#
375.0	310.0 M	05	23

Location: Between N. Drake + SW Tlingit PT.

Comments: hiheight: 3.98m loheight: 2.01m
Time Since/To hi: -247 lo: 93

Bottom type: Hard Soft (Unknown)

Suface Temp (C):

Set#:

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other :

Dump #	Cast #	Date	Time CTD on
C200037	C02	102898	153006

UTMX	UTMY	Zone	Time GPS position
421860	6514011	8	153045

Depth: (m), Ft, Fa)	CTD dropped to:	Station#	WP#
280.0	270.0 M	06	24

Location: E. Hugh Miller Inlet

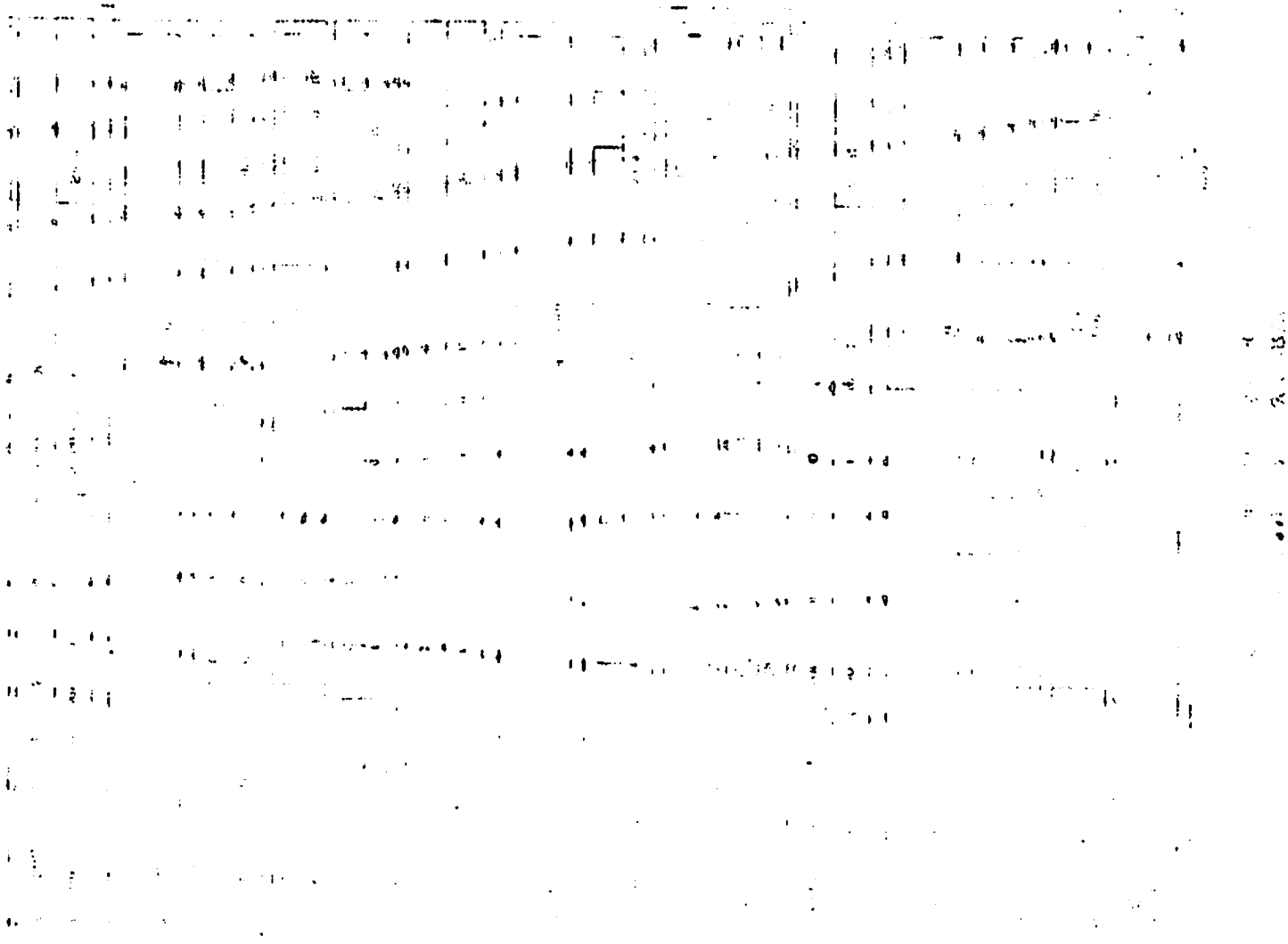
Comments: hiheight: 3.98m loheight: 2.01m
Time Since/To hi: -189 lo: 151

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 Solomon

Dump #:	Cast #:	Date:	Time CTD on:
C200337	C0003	102898	162220

UTMX:	UTMY:	Zone:	Time GPS position:
414960	6519937	8	162300

Depth: (m), Ft, Fa)	CTD dropped to:	Station#	WP#
426.0	300.0 M	07	25

Comments: hiheight: 4.13m loheight: 2.01m
Time Since/To hi: 141 lo: 202

Location: N. Blue Mouse Cove, W. Tidal

Bottom type: Hard Soft (Unknown)

Suface Temp (C):

Set#:

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C200337	C0054	102998	074030

UTMX:	UTMY:	Zone:	Time GPS position:
384843	6544690	8	074100

Depth: (m), Ft, Fa)	CTD dropped to:	Station#	WP#
296	280.0 M	12	26

Comments: hiheight: 4.10m loheight: 0.96
Time Since/To hi: -39 lo: 357

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:
C200337	C0065	102998	082529

UTMX:	UTMY:	Zone:	Time GPS position:
2738987[1]	6538343	8	082610

Depth: (m) Ft, Fa)	CTD dropped to:	Station#	WP#
340.0	300.0 M	11	27

Comments: hiheight: 4.10m loheight: 1.81m
Time Since/To hi: 6 lo: -361

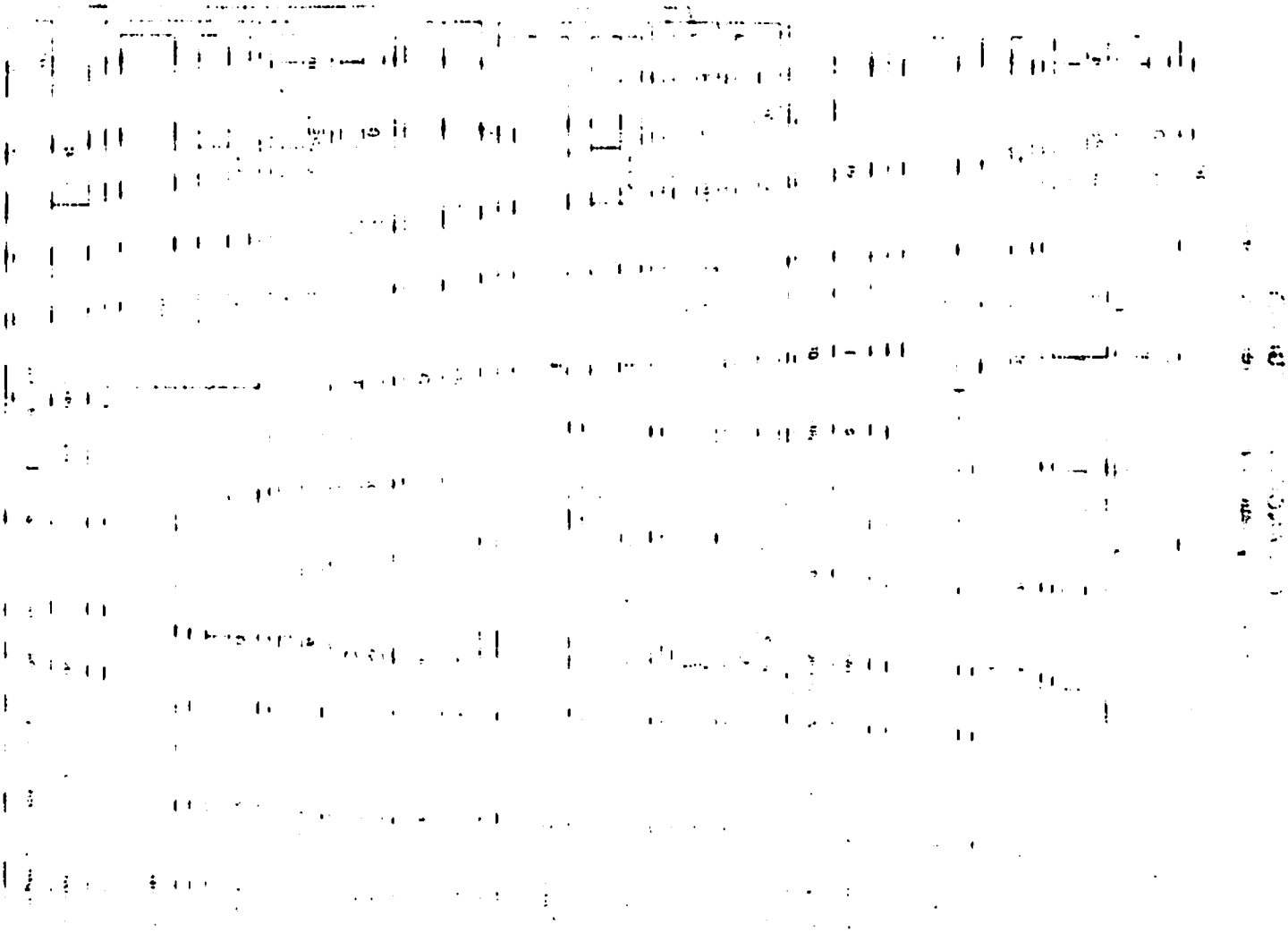
Location: Tarr Inlet

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: E. Solomon

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Dump #:	Cast #:	Date:	Time CTD on:
C 20037	C Ø ~~8~~ 6	102998	091610

UTMX:	UTMY:	Zone:	Time GPS position:
394187	6530185	8	091700

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
383.0 M	300.0 M	1 Ø	28

Comments: hiheight: 4.10m loheight: 1.81m FOM 4 ON PLGR+ Time Since/To hi: 55 lo: -310

Location: E. Russell Island

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

400130

Dump #:	Cast #:	Date:	Time CTD on:
C 20037	C Ø ~~8~~ 7	102998	095653

UTMX:	UTMY:	Zone:	Time GPS position:
~~29406~~	6529 ~~49~~ 749	8	095715

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
380.0	300.0 M	Ø 9	29

Comments: hiheight: 4.10m loheight: 1.81m FOM 4 ON PLGR+ Time Since/To hi: 97 lo: -270

Location: S. RUSSELL ISLAND

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20037	C Ø 8	102998	104600

UTMX:	UTMY:	Zone:	Time GPS position:
408335	6525876	8	104700

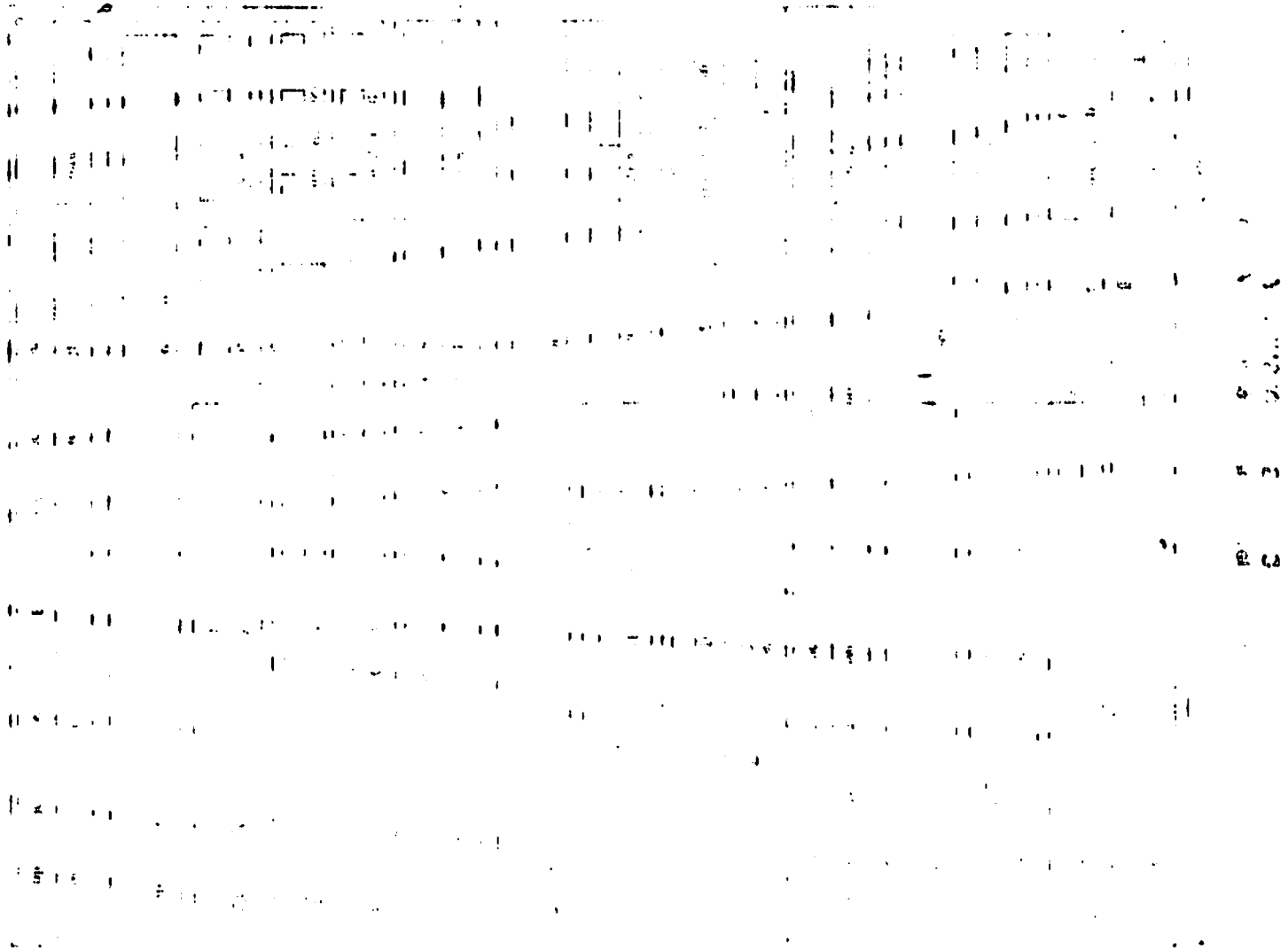
Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
424.0	300.0 M	Ø 8	30

Comments: Location: S. Rendu Inlet hiheight: 4.10m loheight: 1.81m Time Since/To hi: 147 lo: -220

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

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: E. SOLOMON

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Dump #:	Cast #:	Date:	Time CTD on:
C20037	C09	102998	~~120600~~ 1306

UTMX:	UTMY:	Zone:	Time GPS position:
435508	6511015	8	~~120700~~ 1307

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
142 0	130.0 M	13	31

Comments: hiheight: ~~410~~ 410 loheight: 1.81m
BAD FOM (6)
TimeSince/To hi: ~~[illegible]~~ 286 lo ~~[illegible]~~ -82

Location: SE Tlingit, NW Sturgess

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20037	C10	102998	133930

UTMX:	UTMY:	Zone:	Time GPS position:
435968	6517100	8	134000

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
75.6	70.0 M	14	32

Comments: hiheight: 4.10m loheight: 1.81m
Fou 4 ON PLGR
TimeSince/To hi: ~~[illegible]~~ 319 lo: ~~[illegible]~~ -49

Location: MMIR SILL

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20037	C11	102998	135654

UTMX:	UTMY:	Zone:	Time GPS position:
436158	6519881	8	135730

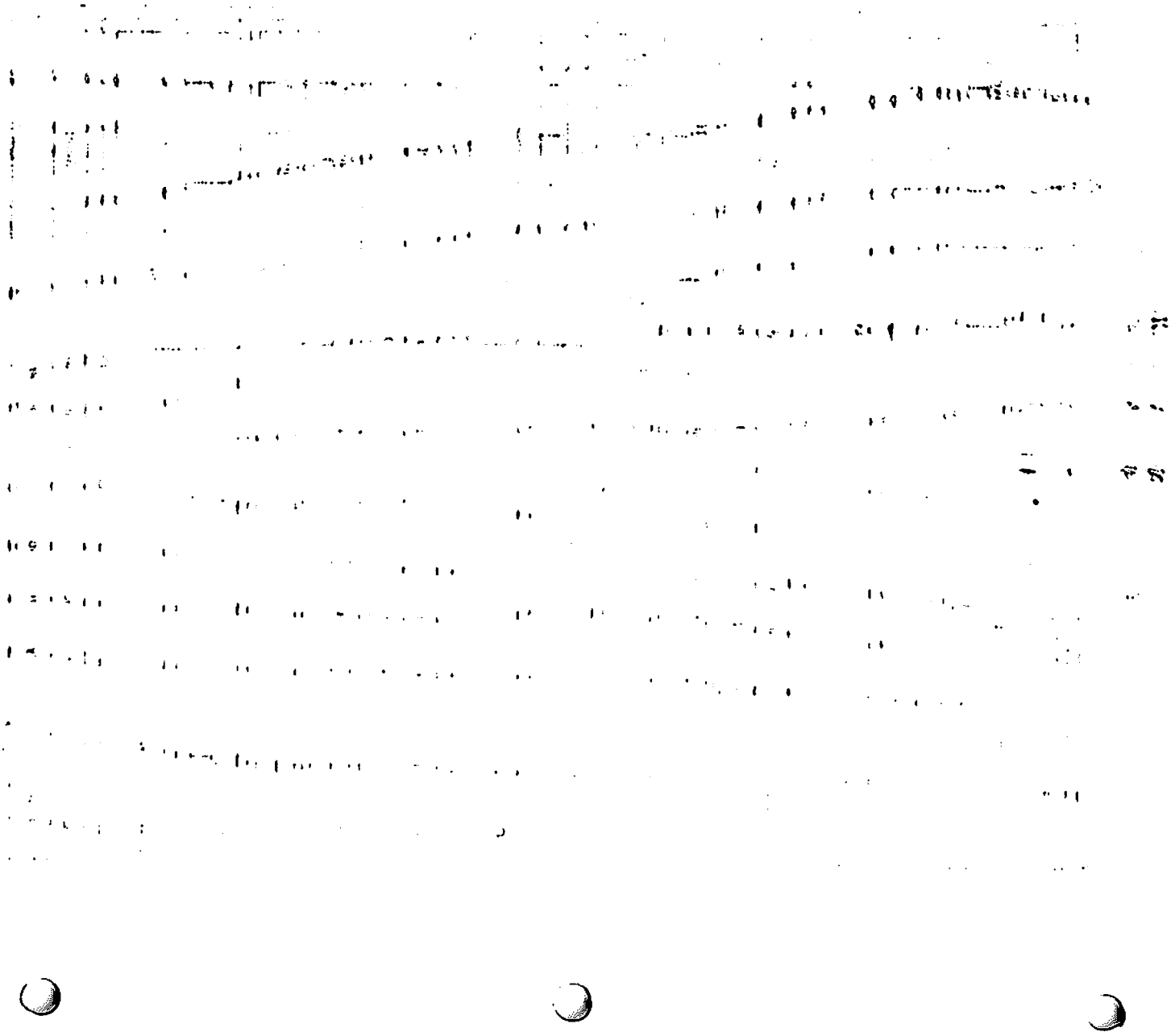
Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
116.0 M	110.0 M	15	33

Comments: hiheight: 4.10m loheight: 1.81m
TimeSince/To hi: 336 lo: ~~[illegible]~~ -32

Location: W. 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: E SOLOMON

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WP ON TAN PLGR

Dump #:	Cast #:	Date:	Time CTD on:
C20037	C12	102998	144515

UTMX:	UTMY:	Zone:	Time GPS position:
436990	6528839	8	144630

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
312.0 M	300.0 M	16	12

Comments: hiheight: 4.17m Loheight: 1.81m
Tide Since/To hi: -325 Lo: 17

Location: E. HUNTER COVE

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20037	C13	102998	153350

UTMX:	UTMY:	Zone:	Time GPS position:
434813	6537875	8	153400

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
180.0 M	180.0 M	17	13

Comments: hiheight: 4.17m Loheight: 1.81m
CTD TOUCHED BOTTOM. TimeSince/To hi: -277 Lo: 65

Location: E. Westdahl Pt.

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20037	C14	102998	161700

UTMX:	UTMY:	Zone:	Time GPS position:
432016	6546020	8	161800

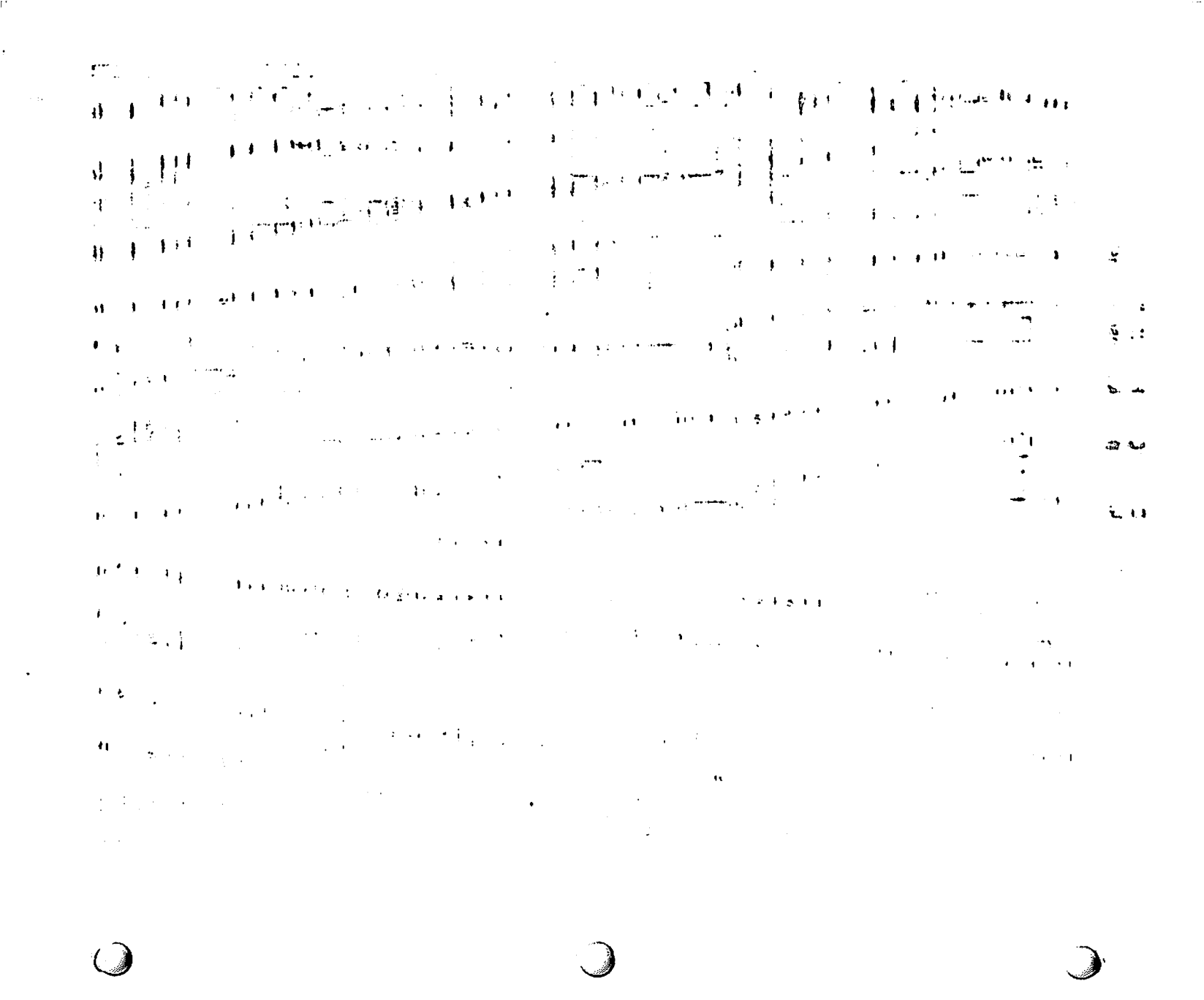
Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
215.0	200.0 M	18	14

Comments: hiheight: 4.17m Loheight: 1.81m
PAN ICE
Time Since/To hi: -233 Lo: 109

Location: S. Riggs, NW 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: E SOLOMON

Page: 6

Dump #:	Cast #:	Date:	Time CTD on:
C 20037	C 15	103098	113545

UTMX:	UTMY:	Zone:	Time GPS position:
438107	6492530	8	113600

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
110.0 m	100.0 m	Ø3	15

Comments: hiheight: 4.30m Loheight: 1.33m Time Since/To hi: 136 Lo: -242
Rough water

Location: SE Willoughby Island

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20037	C 16	103098	121156

UTMX:	UTMY:	Zone:	Time GPS position:
438753	6483388	8	121220

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
91.0 m	80.0 m	Ø2	16

Comments: hiheight: ~~4.30~~ 3.88m Loheight: ~~1.33~~ 1.30m
Tide Since/To hi: ~~[illegible]~~ 185 Lo: ~~[illegible]~~ -182

Location: Sitakaday

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C 20037	C 17	103098	124515

UTMX:	UTMY:	Zone:	Time GPS position:
441934	6474753	8	124400

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
61.0	50.0 m	Ø1	17

Comments: hiheight: ~~4.30~~ 3.88m Loheight: 1.30m
Tide Since/To hi: ~~[illegible]~~ 219 Lo: ~~[illegible]~~ -148

Location: Mouth Glacier Bay

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: E Solomon

Page: 7

Dump #:	Cast #:	Date:	Time CTD on:
C 20037	C 18	103098	133744

UTMX:	UTMY:	Zone:	Time GPS position:
448705	6465208	8	143700

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
53.3	40.0 M	00	18

Comments: hiheight: 388m loheight: 130m
Tide Since/To hi: 271 lo: -96

Location: ICY STRAITS

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 :

E Solomon

fgl.

OCEANOGRAPHY

1998

28 OCT

NEW fathometer - works great!

*

11:00 DEPART BARCO FOR WEST ARM ON RV TAMNIK FOR OCEANOGRAPHY STATIONS (21) JIM DEARBORN + LIZ SOLOMON ON BOARD.

SUNNY SKIES, CALM WINDS, + TEMPS IN LOWER 30°'s; UNLIMITED VISIBILITY

BAROMETER READING: 29 7x2" PRESSURE ↑

CTD CHECK: 11.4V, Ø SAMPLES

FINISH STNS # 4,5,6,7 before SUNSET

Anchor @ 18:30 N. OF RUSSELL IS. Raft

0600 N. RUSSELL RAFT - DEPART HEADING NORTH TOWARDS JAR INLET

29 OCT

CALM WINDS, CALM SEAS! ICE BITS HIT BOAT ALL NIGHT; Bergs + pan ice.

MOSTLY CLEAR SKIES. BAROMETRIC PRESSURE @ 29.89"

Temps below freezing

UNLIMITED VISIBILITY

PAN ICE - THICK IN SPOTS - S.E. RUSSELL ISLAND

Approaching Tidal inlet - wide areas of ice across arm

PILOT WARNING: "DOES NOT HAVE TOMORROW'S CRYPTO'S" ... ??

* RAFT OF SEA OTTERS IN BARCO

J. L. DARLING CORP. TACOMA, WA 98421 (206) 383-1714 FAX (206) 383-1722

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: ESOLOMON Page: 1

Dump #	Cast #	Date	Time CTD on
C200638	C00	120898	131545

UTMX	UTMY	Zone	Time GPS position
448909	6465164	8	1316

Depth: (m) Ft, Fa)	CTD dropped to:
59.0	50.0

Station#	WP#
00	22

Comments: ROUGH SEAS, hiheight: 4.39m loheight: 1.19m
TimeSince/Tohi: -194 SOURCE ANGLE lo: 170

Location: ICY STRAITS MOUTH GLACIER BAY

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #	Cast #	Date	Time CTD on
C20638	C01	120898	141233

UTMX	UTMY	Zone	Time GPS position
441864	6475062	8	1413

Depth: (m) Ft, Fa)	CTD dropped to:
64.0	50.0

Station#	WP#
01	23

Comments: hiheight: 4.39m loheight: 1.19m
TimeSince/Tohi: -137 lo: 227

Location: MOUTH GLACIER BAY

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #	Cast #	Date	Time CTD on
C20638	C02	120898	144506

UTMX	UTMY	Zone	Time GPS position
438755	6483725	8	1446

Depth: (m) Ft, Fa)	CTD dropped to:
93.0	80.0

Station#	WP#
02	24

Comments: hiheight: 4.39m loheight: 1.19m
TimeSince/Tohi: -104 lo: 260

Location: SITAKA DAY

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: ESOLOMON

Page: 2

Dump #:	Cast #:	Date:	Time CTD on:
C20038	C03	120998	091445

UTMX:	UTMY:	Zone:	Time GPS position:
428729	6507745	8	0915

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
338.0	300.0	05	25

Comments: hiheight: 461 m loheight: 1.48 m
Time Since/To hi: 208 lo: -155

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:
C20038	C04	120998	100640

UTMX:	UTMY:	Zone:	Time GPS position:
421881	6513945	8	1067

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
269.0	260.0	06	26

Comments: hiheight: 4.76 m loheight: 1.48 m
Time Since/To hi: lo: -104
WIRE ANGLE - ROUGH SEAS

Location: E. Hugh Miller

Bottom type: Hard Soft Unknown 256 | Suface Temp (C): / | Set#: /

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20038	C05	120998	105323

UTMX:	UTMY:	Zone:	Time GPS position:
414968	6519839	8	1054

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
465.0	300.0	07	27

Comments: hiheight: 4.76 m loheight: 1.48 m
MAJOR WIRE ANGLE DUE TO ROUGH SEAS
Time Since/To hi: lo: -57

Location: N. BLUE MOUSE W. TIDAL INLET

Bottom type: Hard Soft Unknown 303 | Suface Temp (C): / | Set#: /

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: E Solomon

Dump #	Cast #	Date	Time CTD on
C20038	C06	121098	081240

UTMX	UTMY	Zone	Time GPS position
408167	6525901	8	0813

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
425.0	300.0	08	28

Comments: hiheight: 4.59m loheight: 1.61m
TimeSince/To hi: 124 lo: -288

Location: S. Rendu Inlet

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #	Cast #	Date	Time CTD on
C20038	C67	121098	111430

UTMX	UTMY	Zone	Time GPS position
438195	6492651	8	1143

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
111.0	100.0	03	29

Comments: hiheight: 4.44m loheight: 1.61m
TimeSince/To hi: 298 lo: -77

Location: SE. Willoughby Isl.

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 :

OCEANOGRAPHY SURVEY

Glacier Bay National Park & Preserve, Alaska

Name: ESOLOMON Page: 4

Dump #:	Cast #:	Date:	Time CTD on:
C200399	C00	121698	

UTMX:	UTMY:	Zone:	Time GPS position:
		8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
		03	

Comments: DONE

Location: SE WILLOUGHBY ISLAND

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

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C200399	C008	121698	085750

UTMX:	UTMY:	Zone:	Time GPS position:
435403	6501544	8	085850

Depth: (m) Ft, Fa)	CTD dropped to:	Station#	WP#
298.0	280.0 M	04	22

Comments: hiheight: 5.04 loheight: 1.19m

TimeSince/Tohi: 168 lo: 191

Location: N. Drake, N. Marble

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

Sampling: (Oceanography) Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C200399	C004	121698	094612

UTMX:	UTMY:	Zone:	Time GPS position:
435653	6504675	8	

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
150.0 M	150.0 M	13	23

hiheight: 5.19m loheight: 1.19m

Comments: touched bottom - fathometer variable

TimeSince/Tohi: 122 lo: 237

Location: SE Tlingit NW 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: E SOLOMON

Dump #: C20039 | Cast #: C02 | Date: 12/6/98 | Time CTD on: 102253

UTMX: 436031 | UTMY: 6517252 | Zone: 8 | Time GPS position: 1024

Depth: (m, Ft, Fa) 80.0 | CTD dropped to: 70.0 M | Station# 14 | WP# 24

hiheight: 5.19m loheight: 1.19m

Comments: FROM 2 ON PLOT

TimeSince/Tohi: -86 to: 273

Location: MUIR GLC

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C20039 | Cast #: C03 | Date: 12/6/98 | Time CTD on: 103910

UTMX: 436223 | UTMY: 6519806 | Zone: 8 | Time GPS position: 1040

Depth: (m, Ft, Fa) 118.0 | CTD dropped to: 100.0 M | Station# 15 | WP# 25

hiheight: 5.19m loheight: 1.19m

Comments: FROM 2 ON PLOT

TimeSince/Tohi: -69 to: 290

Location: W. MUIR PT.

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #: C20039 | Cast #: C04 | Date: 12/6/98 | Time CTD on: 112055

UTMX: 436989 | UTMY: 6528897 | Zone: 8 | Time GPS position: 1124

Depth: (m, Ft, Fa) 313.0 | CTD dropped to: 300.0 M | Station# 16 | WP# 26

Comments: hiheight: 5.19m loheight: 1.19m

TimeSince/Tohi: -28 to: 331

Location: E. HUNTER COVE

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: E SOLOMON Page: 6

Dump #	Cast #	Date	Time CTD on
C20039	C05	121698	120652

UTMX	UTMY	Zone	Time GPS position
434791	6537661	8	1207

Depth: (m) Ft, Fa)	CTD dropped to:	Station#	WP#
159.0	150.0 M	17	27

Comments: hi height: 5.19 lo height: 0.01m
Time Since / To hi: 18 lo: -382

Location: E. Westdahl Pt.

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #	Cast #	Date	Time CTD on
C20039	C06	121698	124940

UTMX	UTMY	Zone	Time GPS position
432130	6546056	8	1250

Depth: (m) Ft, Fa)	CTD dropped to:	Station#	WP#
217.0	200.00 M	18	28

Comments: hi height: 5.19m lo height: 0.01m
Time Since / To hi: lel lo: -339

Location: S. Riggs NW McBride

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other:

Dump #	Cast #	Date	Time CTD on
C20039	C07	121698	133450

UTMX	UTMY	Zone	Time GPS position
423473	6548650	8	1355

Depth: (m) Ft, Fa)	CTD dropped to:	Station#	WP#
235.0	220.0 M	19	29

Comments: hi height: 5.19m lo height 0.01m
Time Since / To hi: 106 lo: -294

Location: 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 SOLOMON

Dump #:	Cast #:	Date:	Time CTD on:
C20039	C08	121698	135600

UTMX:	UTMY:	Zone:	Time GPS position:
421526	6559300	8	1357

Depth: (m, Ft, Fa)	CTD dropped to:	Station#	WP#
175.0	160.0 M	20	30

Comments: hiheight: 5.19m loheight: 0.01m
Tide Since/To hi: 128 lo: -272

Location: HEAD MUIR INLET

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

Sampling: Oceanography Sonic Bottom Trawl Longline Other :

Dump #:	Cast #:	Date:	Time CTD on:
C20039	C09	121798	

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:
C20039	C10	121798	

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 :

1998 OCEANOGRAPHY 08 DEC

11:30 - DEPART BARCO FOR ICY STRAITS
JIM DELABRIERE, LIZ SOLOMON ABOARD
R.V. TAMNIK FOR OCEANOGRAPHY SURVEY.
MOSTLY CLOUDY CONDITIONS W/ LIGHT
RAIN BAROMETRIC PRESSURE @
29.5 ~~4~~" - TEMPS IN UPPER 30'S. F ?
RETURN TO BARCO @ 1636 - WINDY!

0600 JIM DELABRIERE, LIZ SOLOMON, 09 DEC
LEWIS HARMAN, TERESA WILSON
DEPART BARCO FOR UPPER BAY STATIONS
RAIN - ROUGH SEAS - SOUTHERLY WINDS (S.E.)
COMPLETED STATIONS 5, 6, 7.
SEAS TOO ROUGH TO CONTINUE -
12:00 ANCHOR IN BLIND MOUSE COVE
TO FWD PROTECTION FROM WEATHER

0715 DEPART BMC FOR WEST 10 DEC
ARM STATIONS - LOOKING FOR BETTER
WEATHER! LIGHT SNOW OVERNIGHT
TOO DARK TO SEE VISIBILITY.
BAROMETER DROPPED TO 28.98"
DID STATION #8, RECEIVED MORE
STORM WARNINGS - HEADING BACK
TO BARCO @ 0830
SEVERE WEATHER WARNINGS... WILL
CONTINUE NEXT WEEK...!

DOWNLOADED + INITIALIZED INSTRUMENT

J. L. DARLING CORP. TACOMA, WA 98421
(206) 383-1714 FAX (206) 383-1722

1998 OCEANOGRAPHY

16 DEC

0700 DEPART BARCO TO FINISH DEC. CTD SURVEY. JIM DELABARRE + LIZ SOLOMON ON BOARD RV TANNIK.
TEMPS - JUST ABOVE FREEZING - CLEAR SKIES (PARTLY CL)
BAROMETRIC PRESSURE @ 75.5 CM
EAST ARM - RAIN + SNOW
- UPPER EAST ARM - BLOWING SNOW + BAD VISIBILITY, CALMER SEAS.

1400 FINISHED EAST ARM STATIONS - HEADED BACK TOWARDS W. ARM. PLANS TO ANCHOR @ BMC, BUT HEAVY SNOW - WHITEOUT! STAYING @ SEBREE TONITE - WILL HEAD UP TARR INLET IN THE A.M.
MANY JELLYFISH SIGHTINGS NEAR SURFACE IN EAST ARM.

17 DEC

STORM WARNING IN EFFECT -> PREDICTING 50-60 KNOT WINDS, SO WE ARE OUTTA HERE. 10-12 FT SEAS GOING DOWN MIDDLE OF THE BAY. CLEAR SKIES - HI PRESSURE PERSISTING. ARRIVE @ INNER LAGOON - @ 12:00 OTTERS NEAR STRAWBERRY ISLAND

J. L. DARLING CORP. TACOMA, WA 98421 (206) 383-1714 · FAX (206) 383-1722