992 Name: P. Hoogs Page: 1

Hippoglossus stenolepis

CTD Samples

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

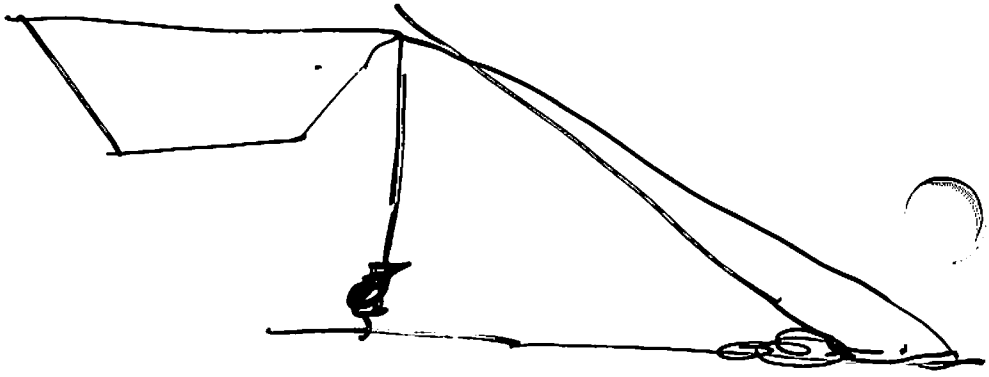
cast 0001
Date: 9 2 0 6 0 4 UTMX: UTMY:
Time: 1 5 2 9 Depth Depth
Depth Meters:
Surface Temp (C): . Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐
Bottom: Hard ☐ Soft ☐ Unknown ☐
Comments: Dump 1 CTD 1 test dumps (PH)

cast 0001
Date: 9 2 0 6 0 4 UTMX: UTMY:
Time: 1 5 4 0 Zone 8 Depth Depth
Depth Meters:
Surface Temp (C): . Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐
Bottom: Hard ☐ Soft ☐ Unknown ☐
Comments: Dump 1 CTD 1 - test dumps (PH)

0002
Date: 9 2 0 6 1 0 UTMX: 4 3 5 8 5 1 UTMY: 6 4 8 9 5 3 3
Time: 1 6 1 7 Zone 8 Depth Depth
Depth Meters:
Surface Temp (C): . Other Sampling: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐
Bottom: Hard ☐ Soft ☐ Unknown ☐
Comments: 366 Dump 1 CTD 1

0003
Date: 9 2 0 6 1 0 UTMX: 4 3 5 8 5 1 UTMY: 6 4 8 9 5 3 3
Time: 1 6 2 3 Zone 8 Depth Depth
Depth Meters:
Surface Temp (C): . Other Sampling: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐
Bottom: Hard ☐ Soft ☐ Unknown ☐
Comments: 366 Dump 1 CTD 1

0004
Date: 9 2 0 6 1 0 UTMX: 4 3 5 8 5 1 UTMY: 6 4 8 9 5 3 3
Time: 1 6 2 8 Zone 8 Depth Depth
Depth Meters:
Surface Temp (C): . Other Sampling: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐
Bottom: Hard ☐ Soft ☐ Unknown ☐
Comments: 0005 366 Dump 1 CTD 1



Res 72 ✓

Name: P. Hooge

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Hippoglossus stenolepis
CTD Samples

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

CTD Sample #: [illegible] UTMX: 435851 UTMY: 6489533

Date: 920610 Time: 1604 Surface Temp [ ] . [ ] Zone: 8

Depth Mt: [ ] . [ ] Depth Ft: [ ] Bottom: Hard [ ] Soft [ ] Unknown [ ]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

Comments:

CTD Sample #: 0006 UTMX: 444468 UTMY: 6475116

Date: 920611 Time: 1352 Surface Temp [ ] . [ ] Zone: 8

Depth Mt: [ ] . [ ] Depth Ft: [ ] Bottom: Hard [ ] Soft [ ] Unknown [ ]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

Comments: Drop / CTD / CTD Sample for Sonic ~~tag~~ tag location Sonictag# 375

CTD Sample #: 0007 UTMX: 425935 UTMY: 6502966

Date: 920612 Time: 1350 Surface Temp [ ] . [ ] Zone: 8

Depth Mt: [ ] . [ ] Depth Ft: [ ] Bottom: Hard [ ] Soft [ ] Unknown [ ]

Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [X]

Comments: Drop / CTD / CTD Samples taken @ each skate set # 007

CTD Sample #: 0008 UTMX: 432801 UTMY: 6497133

Date: 920612 Time: 1430 Surface Temp [ ] . [ ] Zone: 8

Depth Mt: [ ] . [ ] Depth Ft: [ ] Bottom: Hard [ ] Soft [X] Unknown [ ]

Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [X]

Comments: Drop / CTD / CTD Sample taken @ each skate set # 004 muddy bottom

---

CTD Sample #: 0009 UTMX: 438419 UTMY: 6501533

Date: 920612 Time: 1630 Surface Temp [ ] . [ ] Zone: 8

Depth Mt: [ ] . [ ] Depth Ft: [ ] Bottom: Hard [ ] Soft [X] Unknown [ ]

Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [X]

Comments: Drop / CTD / CTD Sample taken @ each skate set # 005 muddy bottom

Name: P. Hooge Page: 3

Hippoglossus stenolepis
CTD Samples

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

CTD Sample #: 0010 UTMX: 446472 UTMY: 6497111

Date: 920617 Time: 1025 Surface Temp: . Zone: 8

Depth Mt: 35.0 Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☒

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments: Dump 1 CTD 1

CTD Sample #: 0011 UTMX: 446364 UTMY: 6497690

Date: 920617 Time: 1232 Surface Temp: . Zone: 8

Depth Mt: 72.0 Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments: Dump 1 CTD 1.

CTD Sample #: ~~0012~~ UTMX: UTMY:

Dump 2 Cast 0

Date: 920707 Time: 1558 Surface Temp: . Zone:

Depth Mt: . Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments:

CTD Sample #: 0013 UTMX: 429296 UTMY: 6499511

Dump 2 Cast 1

Date: 920708 Time: 1300 Surface Temp: . Zone: 8

Depth Mt: . Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments:

CTD Sample #: UTMX: UTMY:

Date: Time: Surface Temp: . Zone:

Depth Mt: . Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments:

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Name: P. Hoag

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Hippoglossus stenolepis

CTD Samples

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

13

Date: 9/20/08 UTMX: 429296 UTMY: 6499511

Time: 13:00:13 Zone: 8 Depth Ft:

Surface Temp (C): . Depth Meters: 72.

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒

Bottom: Hard ☐ Soft ☐ Unknown ☒

Comments: Dump 2 cast 1 Set # 22 (PH)

14

Date: 9/20/08 UTMX: 430332 UTMY: 6501840

Time: 13:49 Zone: 8 Depth Ft:

Surface Temp (C): 10.0 Depth Meters: 54

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒

Bottom: Hard ☐ Soft ☐ Unknown ☐

Comments: Dump 2 Cast 2

CTD Sample #: Set # 21 (PH)

15

Date: 9/20/08 UTMX: 432327 UTMY: 6496435

Time: 14:37:26 Zone: Depth Ft: 332

Surface Temp (C): 10.9 Depth Meters:

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒

Bottom: Hard ☐ Soft ☐ Unknown ☒

Comments: Dump 2 Cast 3

CTD Sample #: Set # 20 (PH)

17

Date: 07/11/2 UTMX: 433503 UTMY: 6493991

Time: 12:28:48 Zone: 8 Depth Ft:

Surface Temp (C): Depth Meters: 112

Other Sampling: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐

Bottom: Hard ☐ Soft ☐ Unknown ☐

Comments: Dump 2 Cast 5

CTD Sample #: Fish # 2363 W. Willoughby

18

Date: 9/20/11 UTMX: 432483 UTMY: 6495176

Time: 12:21:06 ?? Zone: 8 Depth

Surface Temp (C): 9.9 Depth Meters:

Other Sampling: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐

Bottom: Hard ☐ Soft ☐ Unknown ☒

Comments: Dump 2 Cast 6

CTD Sample #: Fish # 447 60.9 FA

RS 4/2

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Hippoglossus stenolepis

CTD Samples

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

9d 20

Date: 920711 UTMX: 433061 UTMY: 6496544
Time: 1336:38 Depth Depth 170 ft.
Dump 2 Cast 7:8 Depth Meters:
Surface Temp (C): 9.7 Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]
Bottom: Hard [ ] Soft [ ] Unknown [ ]
Comments: Fish #2453 ON edge of slope did 2 casts not satisfied w/ 1s

21

Date: 920712 UTMX: 428550 UTMY: 6506417
Time: 1354 06 Depth fa ~170 est Depth
Dump 2 F Cast 9 Depth Meters:
Surface Temp (C): 45.0 Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]
Bottom: Hard [ ] Soft [ ] Unknown [X]
Comments: tracking #2354

22

Date: 920712 UTMX: 430222 UTMY: 6501507
Time: 1525 33 Depth Depth ft 248
Dump 2 Cast 10 Depth Meters:
Surface Temp (C): Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]
Bottom: Hard [ ] Soft [ ] Unknown [X]
Comments: Temp °F 45.0

23

Date: 920712 UTMX: 432306 UTMY: 6497764
Time: 1621 07 Depth 325 Depth
Dump 2 Cast 11 Depth Meters:
Surface Temp (C): Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]
Bottom: Hard [ ] Soft [ ] Unknown [X]
Comments: Temp 45°F

Date: 070892 UTMX: 434463 UTMY: 6492551
Time: 1600 Depth 56 fa Depth
Dump 2 Cast 4 Depth Meters: 102.0
Surface Temp (C): 10.0 Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [X]
Bottom: Hard [ ] Soft [ ] Unknown [ ]
Comments: Set #19 - data gathered from Set info.

Name: P. Hooge

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Hippoglossus stenolepis

CTD Samples

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

CTD Sample #: 0[illegible] UTMX: 445982 UTMY: 6479345

Dump 3 Cast 00 10:57:01

Date: 920714 Time: 1054 Surface Temp [ ] . [ ] Zone: 8

Depth Mt: [ ] . [ ] Depth Ft: [ ] Bottom: Hard [ ] Soft [ ] Unknown [X]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

0 Comments: 25 fa Fish #45095 May have left on

Dump 3 Cast 01 12:22:23

CTD Sample #: 0[illegible] UTMX: 433929 UTMY: 6491514

Date: 920714 Time: 1230 Surface Temp 9 . 7 Zone: [ ]

Depth Mt: [ ] . [ ] Depth Ft: 286 Bottom: Hard [ ] Soft [ ] Unknown [ ]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

2 Comments: Fish # 45129

CTD Sample #: [illegible] UTMX: [illegible] UTMY: 6495484

Dump 3 Cast 02 4326.67 14:15:33

Date: 920714 Time: 1421 Surface Temp 9 . 7 Zone: 8

Depth Mt: [ ] . [ ] Depth Ft: 336 Bottom: Hard [ ] Soft [ ] Unknown [X]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

3 Comments: Fish #447

CTD Sample #: [illegible] UTMX: 432319 UTMY: 6495333

Dump 3 Cast 03 14:25:49

Date: 920714 Time: 1441 Surface Temp 9 . 9 Zone: 8

Depth Mt: [ ] . [ ] Depth Ft: 357 Bottom: Hard [ ] Soft [ ] Unknown [X]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

4 Comments: Fish # 465

CTD Sample #: [illegible] UTMX: 433063 UTMY: 6496935

Dump 3 Cast 04 16:28:45

5 Date: 920714 Time: 1632 Surface Temp 9 . 4 Zone: 8

Depth Mt: [ ] . [ ] Depth Ft: 128 Bottom: Hard [ ] Soft [ ] Unknown [X]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

Comments: Fish #384

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Name: P. Hooge

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Hippoglossus stenolepis

/RS 2/3

Name: ~~[illegible]~~ Bishop

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Hippoglossus stenolepis

CTD Samples

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

Dump 4 Cast 0 12:28:55

Date: 920716 UTMX: 436579 UTMY: 6503673

Time: 1239 Zone: 8 Depth Ft:

Depth Meters:

Surface Temp (C): Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

Bottom: Hard [ ] Soft [ ] Unknown [ ]

Comments: CTD with Location of 267

Date: 920716 UTMX: 430205 UTMY: 6501522

Time: 1325 Zone: 8 Depth Ft:

Dump 4 Cast 1 Depth Meters:

Surface Temp (C): Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

Bottom: Hard [ ] Soft [ ] Unknown [ ]

Comments:

CTD Sample #: CTD with Loc. of # 456

~~Date: 920716 UTMX: UTMY:~~

~~Time: 1603 Zone: Depth Ft:~~

~~Dump 4 Cast 2 Depth Meters:~~

~~Surface Temp (C): Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [ ]~~

~~Bottom: Hard [ ] Soft [ ] Unknown [ ]~~

~~Comments:~~

~~CTD Sample #:~~ Bad drop redone below

13:21:30

Date: 920716 UTMX: 431202 UTMY: 6500841

Time: 1606 Zone: 8 02 Depth Ft: 338

Dump 4 Cast 3 Depth Meters:

Surface Temp (C): 9 9 Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [X]

Bottom: Hard [ ] Soft [ ] Unknown [ ]

Comments:

CTD Sample #: See set 023

Date: 920716 UTMX: 433020 UTMY: 6501423

Time: 1840 Zone: 8 Depth Ft: 168F

~~Dump 4 Cast 4~~ Depth Meters:

Surface Temp (C): 9 ~~7~~ 7 Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [X]

Bottom: Hard [ ] Soft [ ] Unknown [ ]

Comments:

CTD Sample #: See set 024

No CTD Data File probably not turned on

Name: Bishop Page: 4

Hippoglossus stenolepis

CTD Samples

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

Date: 9 2 0 7 1 6 UTMX: 4 3 7 9 0 6 UTMY: 6 4 9 9 4 7 1
Time: 1 9 0 7 2 4 Zone: 8 Depth Ft: 133 FA
Depth Meters:
Dump 4 Cast 4
Surface Temp (C): 9 . 6 Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒
Bottom: Hard ☐ Soft ☐ Unknown ☐
Comments: See Set 025

Date: 9 2 0 7 1 6 UTMX: 4 3 8 7 9 4 UTMY: 6 5 0 2 5 6 1
Time: 2 0 3 0 0 2 Zone: Depth Ft: 29 FA
Depth Meters:
Dump 4 Cast #3
Surface Temp (C): 9 0 Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒
Bottom: Hard ☐ Soft ☐ Unknown ☐
Comments:
CTD Sample #: See Set 026

ate: UTMX: UTMY:
Time: Zone: Depth Ft:
Depth Meters:
Surface Temp (C): Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐
Bottom: Hard ☐ Soft ☐ Unknown ☐
Comments:
CTD Sample #:

Date: UTMX: UTMY:
Time: Zone: Depth Ft:
Depth Meters:
Surface Temp (C): Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐
Bottom: Hard ☐ Soft ☐ Unknown ☐
Comments:
CTD Sample #:

Date: UTMX: UTMY:
Time: Zone: Depth Ft:
Depth Meters:
Surface Temp (C): Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐
Bottom: Hard ☐ Soft ☐ Unknown ☐
omments:
CTD Sample #:

Name: BISHOP - Hooge

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Hippoglossus stenolepis

CTD Samples

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

CTD Sample #: | UTMX: 433123 | UTMY: 6491016

Dump 4 Cast 6

Date: 920717 | Time: 1305 | Surface Temp: 52.4 | Zone: 8

Depth Mt: 200.0 | Depth Ft: 200 | Bottom: Hard [ ] Soft [ ] Unknown [ ]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

Comments: Sonic tag # 465. waypoint #353

CTD Sample #: | UTMX: 433546 | UTMY: 6497285

Dump 4 Cast 7

Date: 920717 | Time: 1550 | Surface Temp: 55.0 | Zone: 8

Depth Mt: 120. | Depth Ft: | Bottom: Hard [ ] Soft [ ] Unknown [X]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

Comments: Sonic tag # 384 WPT # 405

CTD Sample #: | UTMX: 430156 | UTMY: 6501425

Dump 4 Cast 8

Date: 920717 | Time: 1735 | Surface Temp: 54. | Zone: 8

Depth Mt: . | Depth Ft: 210 | Bottom: Hard [ ] Soft [ ] Unknown [X]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

Comments: Sonic tag # 456 WPT # 331

CTD Sample #: | UTMX: 428715 | UTMY: 6500795

Dump 4 Cast 9 17:22:07

Date: 920718 | Time: 1438 | Surface Temp: . | Zone: 8

Depth Mt: . | Depth Ft: | Bottom: Hard [ ] Soft [ ] Unknown [X]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

Comments: Sonic # 555 100 fa

CTD Sample #: | UTMX: 437646 | UTMY: 6501501

Dump 4 Cast 10

Date: 920718 | Time: 1544 | Surface Temp: 9.9 | Zone: 8

Depth Mt: . | Depth Ft: | Bottom: Hard [ ] Soft [ ] Unknown [X]

Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]

Comments: Sonic tag # 2356

Name: [redacted] Hoagl

Hippoglossus stenolepis

CTD Samples

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

CTD Sample #: | UTMX: 436530 | UTMY: 6503553

Dump 4 cast 11 1654:58

Date: 920718 | Time: 1700 | Surface Temp 10.8 C | Zone: 8

Depth Mt: . | Depth Ft: 290 | Bottom: Hard ☐ Soft ☐ Unknown ☒

Other Sampling: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐

Comments: Sonic log = 267

CTD Sample #: | UTMX: | UTMY:

Date: | Time: | Surface Temp . | Zone:

Depth Mt: . | Depth Ft: | Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments:

CTD Sample #: | UTMX: | UTMY:

Date: | Time: | Surface Temp . | Zone:

Depth Mt: . | Depth Ft: | Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments:

CTD Sample #: | UTMX: | UTMY:

Date: | Time: | Surface Temp . | Zone:

Depth Mt: . | Depth Ft: | Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments:

CTD Sample #: | UTMX: | UTMY:

Date: | Time: | Surface Temp . | Zone:

Depth Mt: . | Depth Ft: | Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments:

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C downloaded 7/22 gb

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Hippoglossus stenolepis

CTD Samples

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

124724

Dump # 00005 Date: 920721 Time: ~~130942~~

Cast C 01 Other Sampling:

Sample #: Sonic X Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 437089 UTMY: 6490436 Time: 130942

Depth Mt: Depth Ft: 300 Depth Fa:

Surface Temp (C):

Comments: Sonic # 465
WPT # 354 DRM

Bottom: Hard ☐ Soft ☐ Unknown X

Dump # 00005 Date: 920721 Time: 154737

Cast C 02 Other Sampling:

Sample #: Sonic X Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 433261 UTMY: 6496789 Time: 155625

Depth Mt: Depth Ft: 320 Depth Fa:

Surface Temp (~~C~~ F): 53.8

Comments: Sonic # 384
WPT # 406 DRM

Bottom: Hard ☐ Soft ☐ Unknown

Dump # 00005 Date: 920721 Time: 170502

Cast C 03 Other Sampling:

Sample #: Sonic X Bottom ☐ Trawl ☐ Longline ☐ Zone:

UTMX: 430203 UTMY: 6501468 Time: 171005

Depth Mt: Depth Ft: 300 Depth Fa:

Surface Temp (C):

Comments: WPT # 333 DRM
Sonic # 456

Bottom: Hard ☐ Soft ☐ Unknown

Dump # Date: Time:

Cast C Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone:

UTMX: UTMY: Time:

Depth Mt: Depth Ft: Depth Fa:

Surface Temp (C):

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

Dump # Date: Time:

Cast C Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone:

UTMX: UTMY: Time:

Depth Mt: Depth Ft: Depth Fa:

Surface Temp (C):

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

1992 Name: BISHOP Down 4&7 Page:

Hippoglossus stenolepis

CTD Samples

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

Dump # 00006 Date: 920723 Time:
Cast C [redacted] Other Sampling:
Sample #: 00 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ Zone: 8
UTMX: 428605 UTMY: 6493044 Time: 0801
Depth Mt: . Depth Ft: 450 Depth Fa: .
Surface Temp (C): 53.3
Comments: Longline set #28
Bottom: Hard ☐ Soft ☐ Unknown

Dump # 00006 Date: 920723 Time: 1112 56
Cast C [redacted] Other Sampling:
Sample #: 01 Sonic ☒ Bottom ☐ Trawl ☐ Longline ☒ not Zone:
UTMX: 436503 UTMY: 6503569 Time: 1103.5
Depth Mt: . Depth Ft: 258 Depth Fa: .
Surface Temp (C): .
Comments: WPT # 278 DRM not longline
Sonic # 267 75KHZ
Bottom: Hard ☐ Soft ☐ Unknown

Dump # 00006 Date: 920723 Time: 1305 09
Cast C [redacted] Other Sampling:
Sample #: 02 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone:
UTMX: UTMY: Time: 1305 09
Depth Mt: . Depth Ft: Depth Fa: .
Surface Temp (C): .
Comments: Bad Cast
Bottom: Hard ☐ Soft ☐ Unknown

Dump # 00006 Date: 920723 Time: 1309 56
Cast C [redacted] Other Sampling:
Sample #: 03 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone:
UTMX: UTMY: Time: 1309 52
Depth Mt: . Depth Ft: Depth Fa: .
Surface Temp (C): .
Comments: Bad Cast
Bottom: Hard ☐ Soft ☐ Unknown

Dump # 00006 Date: 920723 Time: 1314 00
Cast C [redacted] Other Sampling:
Sample #: 04 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ Zone: 8
UTMX: 431785 UTMY: 6497071 Time: 1315 22
Depth Mt: . Depth Ft: 328 Depth Fa: .
54.3°F Surface Temp (C): .
Comments: using 25, 24, 12 Pool = 1.9
Bottom: Hard ☐ Soft ☒ Unknown

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Name: Hooge

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Hippoglossus stenolepis

CTD Samples

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

CTD Sample #: 00006 UTMX: 441919 UTMY: 6502373

Cast # 05

Date: 920725 Time: 1438 Surface Temp: . Zone: 8

Depth Mt: . Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☒

Other Sampling: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐

Comments: 92/07/25 62.5 Fa 47.9°F. DRM. Sonic Tag #2237, Did not reach bottom

←1431:10→

CTD Sample #: 00006 UTMX: 44[illegible] UTMY: 6497381

Cast # 06

Date: 920725 Time: 1612 Surface Temp: . Zone: 8

Depth Mt: . Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☒

Other Sampling: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐

Comments: Sonic Tag #555 Surf. T = 49.7°F Triton-X

Depth: 73.6 Fa

1432

CTD Sample #: UTMX: UTMY:

Date: Time: Surface Temp: . Zone:

Depth Mt: . Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments:

CTD Sample #: UTMX: UTMY:

Date: Time: Surface Temp: . Zone:

Depth Mt: . Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments:

CTD Sample #: UTMX: UTMY:

Date: Time: Surface Temp: . Zone:

Depth Mt: . Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments:

Name: BISHOP Town 8/7 Page:

Hippoglossus stenolepis
CTD Samples

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

CTD Sample #: 00006 UTMX: 428338 UTMY: 6500415
Cast # 07
Date: 920731 Time: 0829 Surface Temp 10.1 Zone: 8
Depth Mt: . Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☐
Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒
Comments: Longline set #31 (middle of) note location from beginning of 11

CTD Sample #: 00006 UTMX: 432320 UTMY: 6503494
Cast # 08
Date: 920731 Time: 0921 Surface Temp 07.9 Zone: 8
Depth Mt: . Depth ~~Ft~~ Fa: 178 Bottom: Hard ☐ Soft ☐ Unknown ☒
Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒
Comments: Longline set #32 (middle of)

CTD Sample #: 00006 UTMX: 435428 UTMY: 6504378
Cast # 09
Date: 920731 Time: 1035 Surface Temp 8.7 Zone: 8
Depth Mt: . Depth ~~Ft~~ Fa: 725 Bottom: Hard ☐ Soft ☐ Unknown ☐
Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒
Comments: Longline set #33 (middle of)

CTD Sample #: 00006 UTMX: 436981 UTMY: 6500766
Cast # 10
Date: 920731 Time: 1115 Surface Temp 9.6 Zone: 8
Depth Mt: . Depth ~~Ft~~ Fa: 133 Bottom: Hard ☐ Soft ☐ Unknown ☐
Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒
Comments: Longline set #34 middle (of)

CTD Sample #: UTMX: UTMY:
Date: Time: Surface Temp . Zone:
Depth Mt: . Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☐
Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐
Comments:

1992 Name: Bishop

Downloaded 8/7 96

Page:

Hippoglossus stenolepis

CTD Samples

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

Dump # 00006 Date: 920708 Time: 130013
Cast c [redacted] Other Sampling:
Sample #: Dump 2 Cast 01 Sonic X Bottom Trawl Longline Zone: 8
UTMX: 429296 UTMY: 6499511 Time:
Depth Mt: 72.0 Depth Ft: Depth Fa: .
Surface Temp (C): .

Comments: Set Number
Bottom: Hard Soft Unknown

Dump # 00006 Date: 920806 Time: 072808
Cast c [redacted] Other Sampling: Any Set # 035
Sample #: 11 Sonic Bottom Trawl Longline X Zone: 8
UTMX: 434197 UTMY: 6498431 Time: 0712--
← longage +140
Depth Mt: . Depth Ft: Depth Fa: 66.7
Surface Temp (C): 7.6

Comments: Set Number 035
Bottom: Hard Soft Unknown

Dump # 00006 Date: 920806 Time: 0825
Cast c [redacted] Other Sampling: Set # 036
Sample #: 12 Sonic Bottom Trawl Longline X Zone: 8
UTMX: 430492 UTMY: 6502866 Time: 0806--
Depth Mt: . Depth Ft: Depth Fa: 45.
Surface Temp (C): 7.5

Comments: Set Number 036
Hit the bottom
Bottom: Hard Soft Unknown

Dump # 00006 Date: 920806 Time: 0939
Cast c [redacted] Other Sampling: Set #037
Sample #: 13 Sonic Bottom Trawl Longline X Zone: 8
UTMX: 434169 UTMY: 6501148 Time: 0931
Depth Mt: . Depth Ft: Depth Fa: ≈1 → Unk
Surface Temp (C): .

Comments: went to 120 FA
Bottom: Hard Soft Unknown

Dump # 00006 Date: 920806 Time: 1132
Cast c [redacted] Other Sampling: Set # 038
Sample #: 14 Sonic Bottom Trawl Longline X Zone:
UTMX: 436132 UTMY: 6498218 Time: 1121
Depth Mt: . Depth Ft: Depth Fa: 139.
Surface Temp (C): 7.3

Comments:
Bottom: Hard Soft Unknown

1992 Name: Dave Page: Down 8/7

Hippoglossus stenolepis

CTD Samples

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

Dump # 00006 Date: 9/20/97 Time:
Cast C 15 Other Sampling:
Sample #: Sonic X Bottom Trawl Longline Zone: 8
UTMX: 0 5 1 0 7 9 5 UTMY: 6 6 9 7 8 7 7 Time: 1 3 0 9 1 5
Depth Mt: [illegible] 9 Depth Ft: Depth Fa: 4 6 . 9
Surface Temp (C): 1 9 . 4
Comments: 18/6 2 5 # 2354 RS
Bottom: Hard Soft Unknown

Dump # Date: Time:
Cast C Other Sampling:
Sample #: Sonic Bottom Trawl Longline Zone:
UTMX: UTMY: Time:
Depth Mt: . Depth Ft: Depth Fa: .
Surface Temp (C): .
Comments:
Bottom: Hard Soft Unknown

Dump # Date: Time:
Cast C Other Sampling:
Sample #: Sonic Bottom Trawl Longline Zone:
UTMX: UTMY: Time:
Depth Mt: . Depth Ft: Depth Fa: .
Surface Temp (C): .
Comments:
Bottom: Hard Soft Unknown

Dump # Date: Time:
Cast C Other Sampling:
Sample #: Sonic Bottom Trawl Longline Zone:
UTMX: UTMY: Time:
Depth Mt: . Depth Ft: Depth Fa: .
Surface Temp (C): .
Comments:
Bottom: Hard Soft Unknown

Dump # Date: Time:
Cast C Other Sampling:
Sample #: Sonic Bottom Trawl Longline Zone:
UTMX: UTMY: Time:
Depth Mt: . Depth Ft: Depth Fa: .
Surface Temp (C): .
Comments:
Bottom: Hard Soft Unknown

1992 Name: Chilton / Bishop / Polosky / Koschmann / Tom[2] Page: ____

Hippoglossus stenolepis

CTD Samples

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

Dump # 00007 Date: 920811 Time: 08 ~~2659~~ 2800
Cast c00 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ Zone: 8
UTMX: 435733 UTMY: 6502919 Time: 082880
Depth Mt: ___ Depth Ft: ___ Depth Fa: 159.0
Surface Temp (C): 08.9
Comments: Set #39
Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # 00007 Date: 920811 Time: 090719
Cast c01 Other Sampling: CTD on.
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ Zone: 8
UTMX: 434073 UTMY: 6502057 Time: 090731
Depth Mt: ___ Depth Ft: ___ Depth Fa: 142.0
Surface Temp (C): 9.5
Comments: SET #40
Bottom: Hard ☐ Soft ☒ Unknown

Dump # 00007 Date: 920811 Time: 10 ~~3748~~ 3902
Cast c03 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ Zone: 8
UTMX: 431836 UTMY: 6499509 Time: 10 ~~3756~~ 3909
Depth Mt: ___ Depth Ft: ___ Depth Fa: 55.5
Surface Temp (C): 9.8 C
Comments: Set #41
Bottom: Hard ☐ Soft ☒ Unknown

Dump # 00007 Date: 920811 Time: 113143
Cast c04 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ Zone: 8
UTMX: 424921 UTMY: 6503679 Time: 113155
Depth Mt: ___ Depth Ft: ___ Depth Fa: ___
Surface Temp (C): 12.5
Comments: SEt #42 65.1 FA
Bottom: Hard ☐ Soft ☒ Unknown

Dump # 00007 Date: 920819 Time: 135452
Cast c05 Other Sampling:
Sample #: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 438889 UTMY: 6501386 Time: 135130
Depth Mt: ___ Depth Ft: ___ Depth Fa: 49.1
Surface Temp (C): 7.9
Comments: Hit bottom #2525
Bottom: Hard ☐ Soft ☒ Unknown

1992 Name: Bishop Page: _____

Hippoglossus stenolepis

CTD Samples

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

CTD

Dump # 00007 Date: 920827 Time: 085940
Cast C 06 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 431632 UTMY: 6503629 Time: Position 090010
Depth Mt: ___.☐ Depth Ft: ___ Depth Fa: ___.☐
Surface Temp (C): 9.1
Comments: Longline set #43
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # 00007 Date: 920827 Time: 093338
Cast C 07 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 430591 UTMY: 6500693 Time: 093239
Depth Mt: ___.☐ Depth Ft: ___ Depth Fa: 54.9
Surface Temp (C): 8.7
Comments: Longline set #44
Bottom: Hard ☐ Soft ☐ Unknown

Dump # 00007 Date: 920827 Time: 111821 (12)
Cast C 08 Other Sampling: 11 2010
Sample #: 09 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 432443 UTMY: 6497539 Time: 111845
Depth Mt: ___.☐ Depth Ft: ___ Depth Fa: 59.9
Surface Temp (C): 9.4
Comments: LL set #45
Bottom: Hard ☐ Soft ☐ Unknown

Dump # 00007 Date: 920827 Time: 115242
Cast C 10 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 435993 UTMY: 6499118 Time: 115658
Depth Mt: ___.☐ Depth Ft: ___ Depth Fa: ___.☐
Surface Temp (C): 9.4
Comments: LL set #46
Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐ Date: ☐ Time: ☐
Cast C ☐ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: ☐ UTMY: ☐ Time: ☐
Depth Mt: ___.☐ Depth Ft: ___ Depth Fa: ___.☐
Surface Temp (C): ☐.☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

1992 Name: _____ Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # 00008 Date: 920903 Time: 084711
Cast C00 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 433887 UTMY: 6502663 Time: 084905
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 159.☐
Surface Temp (C): ☐☐.3
Comments: DRM
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # 00005 Date: 920903 Time: 091201
Cast C01 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 435074 UTMY: 6498744 Time: 092031
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 160.☐
Surface Temp (C): ☐☐.3
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # 00008 Date: 920903 Time: 095820
Cast C02 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 432352 UTMY: 6498140 Time: 095726
Depth Mt: ☐☐☐.☐ Depth Ft: 315 Depth Fa: 52.☐
Surface Temp (C): ☐☐.1
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # 00008 Date: 920903 Time: 104520
Cast C03 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 437857 UTMY: 6502573 Time: 104550
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 92.☐
Surface Temp (C): ☐☐.9
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # 00006 Date: 920910 Time: 123234
Cast C04 Other Sampling:
Sample #: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 432310 UTMY: 6495741 Time: 123234
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Name: _____ Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump *

134405
134448

CTD ~~Sample~~ #: 0008 UTMX: 438348 UTMY: 6501820

Cast 05

Date: 920910 Time: 1344 Surface Temp: . Zone:

Depth Mt: . Depth Ft: 074 Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☒ Bottom ☐ Trawl ☐ Longline ☐

Comments:

CTD Sample #: UTMX: 439120 UTMY: 6502049

Date: 920924 Time: 0800 56 Surface Temp: 6.4 Zone:

Depth ~~Mt~~: 34.3 FATHOMS Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☐

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐

Comments: Longline set #54 Start time 0801:17 DO NOT USE;
⇒CTD not all the way to bottom.

Dump

CTD ~~Sample~~ #: 0008 UTMX: 439144 UTMY: 6502050

Cast # 0007

Date: 920924 Time: 0803 29 Surface Temp: 6.3 C Zone: 8

Depth ~~Mt~~: 32.5 FATHOMS Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☒

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒

Comments: Longline set #54 Start time 0801:39. Use this sample, because CTD went all the way to the bottom.

Dump

CTD ~~Sample~~ #: 0008 UTMX: 431705 UTMY: 6496472

Cast # 08

Date: 920924 Time: 0901 37 Surface Temp: 6.1 C Zone: 8

Depth ~~Mt~~: 59.4 FATHOMS Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☒

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒

Comments: Longline set #53 Start time 0901:53

Dump

CTD ~~Sample~~ #: 0008 UTMX: 430144 UTMY: 6499184

Cast # 09

Date: 920924 Time: 0954 96 Surface Temp: 6.3 C Zone: 8

Depth ~~Mt~~: 41.9 FATHOMS Depth Ft: Bottom: Hard ☐ Soft ☐ Unknown ☒

Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒

Comments: Longline set #52 Start time 0954:55
Drifted S. over CTD @ end of descent; drifted back N. on the ascent

1992 Name: BISHOP Page: ____

Hippoglossus stenolepis

CTD Samples

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

Dump # 00008 Date: 921010 Time: 082126
Cast C11 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ Zone: 8
UTMX: 432331 UTMY: 6499589 Time: 082140

Depth Mt: ____.__ Depth Ft: ____ Depth Fa: 78.4
Surface Temp (C): 14.9

Comments: 1 Knot drift to S
Set #56
Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # 00008 Date: 921010 Time: 090710
Cast C12 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ Zone: 8
UTMX: 431752 UTMY: 6473644 Time: 090728

Depth Mt: ____.__ Depth Ft: ____ Depth Fa: 112.4
Surface Temp (C): ____.__

Comments: Set # 58
Bottom: Hard ☐ Soft ☒ Unknown

Dump # 00008 Date: 921010 Time: 162405
Cast C13 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone:
UTMX: UTMY: Time: 102421

Depth Mt: ____.__ Depth Ft: ____ Depth Fa: ____.__
Surface Temp (C): ____.__

Comments: Bad Cast
Bottom: Hard ☐ Soft ☒ Unknown

Dump # 00008 Date: 921010 Time: 102625
Cast C14 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ Zone: 8
UTMX: 432615 UTMY: 6492728 Time: 102633

Depth Mt: ____.__ Depth Ft: ____ Depth Fa: 42.5
Surface Temp (C): 5.8

Comments: Longline set # 57
Bottom: Hard ☐ Soft ☒ Unknown

Dump # Date: Time:
Cast C Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone:
UTMX: UTMY: Time:

Depth Mt: ____.__ Depth Ft: ____ Depth Fa: ____.__
Surface Temp (C): ____.__

Comments:
Bottom: Hard ☐ Soft ☐ Unknown

CTD Casts for Longline sets, 10/10/92
from DRM

TRANSCRIBED TO FORM 10/13/92

— UTMX: 432331 UTMY: 6499589
Date: 10/10/92 Depth: 78.4 Fa.
Longline #56 Surface T: 4.9°C

Time CTD on: 8:21:26
dropping in H_2O: 8:21:40
Comments: 1 knt. drift to S. (ebbing tide)

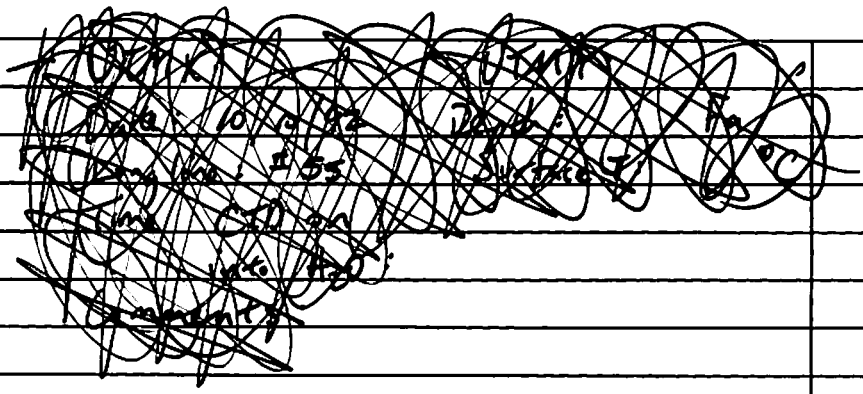
— UTMX: 431752 UTMY: 6473644
Date: 10/10/92 Depth: 12.4 Fa
Longline #58 Surface T:

Time CTD on: 9:07:10
into H_2O: 9:07:28
Comments:

— ~~UTMX: UTMY:~~
~~Date: 10/10/92 Depth: 45.1 Fa~~
~~Longline # 57 Surface T: 5.9°C~~
~~Time CTD on: 10:24:05~~
~~into H_2O: 10:24:21~~
* Comments: DO NOT USE - BAD CAST

— UTMX: 432615 UTMY: 6492728
Date: 10/10/92 Depth: 42.5 Fa.
Longline # 57 Surface T: 5.8°C
Time CTD on: 10:26:25
into H_2O: 10:26:33
Comments: Use this cast, not one above.

* No CTD cast for # 55 Longline



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

1992 Name: HOOGE Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # 00008 Date: 921015 Time: 1203
Cast C15 Other Sampling:
Sample #: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ] Zone: 8
UTMX: 437851 UTMY: 6560466 Time: 120414

Depth Mt: ____.__ Depth Ft: ___ Depth Fa: 133.__
Surface Temp (C): __.__

Comments: Transferred from sonic location info
Bottom: Hard [ ] Soft [ ] Unknown [X]

Dump # 00008 Date: 921015 Time: 1308
Cast C16 Other Sampling:
Sample #: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ] Zone: 8
UTMX: 437399 UTMY: 6497245 Time: 130744

Depth Mt: ____.__ Depth Ft: 108 Depth Fa: ___.__
Surface Temp (C): __.__

Comments: Transferred from sonic location info
Bottom: Hard [ ] Soft [X] Unknown

Dump # _____ Date: _____ Time: _____
Cast C___ Other Sampling:
Sample #: Sonic [ ] Bottom [ ] Trawl [ ] Longline [ ] Zone: ___
UTMX: _____ UTMY: _____ Time: _____

Depth Mt: ____.__ Depth Ft: ___ Depth Fa: ___.__
Surface Temp (C): __.__

Comments:
Bottom: Hard [ ] Soft [ ] Unknown

Dump # _____ Date: _____ Time: _____
Cast C___ Other Sampling:
Sample #: Sonic [ ] Bottom [ ] Trawl [ ] Longline [ ] Zone: ___
UTMX: _____ UTMY: _____ Time: _____

Depth Mt: ____.__ Depth Ft: ___ Depth Fa: ___.__
Surface Temp (C): __.__

Comments:
Bottom: Hard [ ] Soft [ ] Unknown

Dump # _____ Date: _____ Time: _____
Cast C___ Other Sampling:
Sample #: Sonic [ ] Bottom [ ] Trawl [ ] Longline [ ] Zone: ___
UTMX: _____ UTMY: _____ Time: _____

Depth Mt: ____.__ Depth Ft: ___ Depth Fa: ___.__
Surface Temp (C): __.__

Comments:
Bottom: Hard [ ] Soft [ ] Unknown

matrix

conversion

Name: _____

Page: _____

Hippoglossus stenolepis

CTD Samples

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

Time of CTD 14:52:00

Date: 920913 UTMX: 436592 UTMY: 6563691
Time: 1442 54 Zone: 8 Depth Ft: 293
of Position Depth Meters: 295 ft
Surface Temp (C): Other Sampling: Sonic [X] Bottom [ ] Trawl [ ] Longline [ ]
Bottom: Hard [ ] Soft [ ] Unknown [ ]
Comments: WPT # 278 Dump # 0008 Cast # 0006

Date: 920924 UTMX: 427724 UTMY: 6500629
Time: 1038 05 Zone: 8 Depth Ft:
Dump # 0008 Cast # 10 FATHOMS Depth ~~Meters~~ 78.0
Surface Temp (C): 6.2 Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [X]
Bottom: Hard [ ] Soft [ ] Unknown [X]
Comments: Longline set #51 Start time 1038:11; Only went to 130 m (length of line)
CTD Sample #: Drifted S over CTD on ascent.

Date: 921117 UTMX: 430819 UTMY: 6502533
Time: 1055 40 Zone: 8 Depth Ft: 123
on: Depth Meters:
Surface Temp (C): 4.5 Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [X]
Bottom: Hard [ ] Soft [ ] Unknown [X]
Comments: Near 2nd end of longline set #62 Start time: 10:55 : 48
CTD Sample #: It hit bottom - Not dumped from machine

Date: 921117 UTMX: 430814 UTMY: 6499699
Time: Zone: 8 Depth Ft:
Depth ~~Meters~~ 12.2 Fathoms
Surface Temp (C): Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [X]
SAH Bottom: Hard [ ] Soft [ ] Unknown [X]
Comments: Middle of 1st set # Start time: 8:38:34 not dumped
CTD Sample #: position time : from machine

Date: UTMX: UTMY:
Time: Zone: Depth Ft:
Depth Meters:
Surface Temp (C): Other Sampling: Sonic [ ] Bottom [ ] Trawl [ ] Longline [ ]
Bottom: Hard [ ] Soft [ ] Unknown [ ]
Comments:
CTD Sample #:

1992 Name: BISHOP Page:

Hippoglossus stenolepis

CTD Samples

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

Dump # Date: 9 2 1 2 1 0 Time: 1 3 4 0 5 0
Cast C Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 4 3 3 5 8 5 UTMY: 6 4 9 7 2 3 3 Time: 1 3 3 9 3 6
Depth Mt: ☐☐☐.☐ Depth Ft: 2 2 4 Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
Comments: not dumped from machine
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # Date: Time:
Cast C Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: UTMY: Time:
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # Date: Time:
Cast C Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: UTMY: Time:
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # Date: Time:
Cast C Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: UTMY: Time:
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # Date: Time:
Cast C Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: UTMY: Time:
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

√RS 7/8 ✓

1993 Name: Ross Hooge, E. Page: 1

CTD Samples

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

Dump # C10009 Date: 930622 Time Instrument on 1654. Wpt.
Cast #: C00 Wpt. 801 Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 382305 UTMY: 6545383 Time of Position 1654:32
Depth Mt: . Depth Ft: Depth Fa: 36.6 .
Surface Temp (C): .
Comments: Kittiwake Sampling. Sats: 17, 22, 16 PDOP: 2.3
Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C10009 Date: 930622 Time Instrument on 1703
Cast #: C01 Wpt. 802 Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 382329 UTMY: 6545409 Time of Position 1703:16
Depth Mt: . Depth Ft: Depth Fa: 41.7 .
Surface Temp (C): .
Comments: Kittiwake Sampling Did not go to bottom all the way
Sats: 17, 22, 16 PDOP: 2.5
Bottom: Hard ☐ Soft ☒ Unknown ☒

SITAKADA

Dump # C10009 Date: 930722 Time Instrument on 1039
Cast #: C02 Wpt. 30 Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 441218 UTMY: 6476879 Time of Position 1039:20
Depth Mt: . Depth Ft: Depth Fa: .
Surface Temp (C): .
Comments: Kittiwake sampling, did go to bottom
Sats: 01, 09, 13, 14 *~3 min. delay before sats taken PDOP: 3.5
Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C10009 Date: 930722 Time Instrument on 1049
Cast #: C03 Wpt. 31 Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 441210 UTMY: 6476644 Time of Position 1050:08
Depth Mt: . Depth Ft: Depth Fa: .
Surface Temp (C): .
Comments: Kittiwake sampling, did go to bottom
SATS: 01, 09, 12, 24 PDop: 5.6
Bottom: Hard ☐ Soft ☐ Unknown ☒

Pt. Carolus

Dump # C10009 Date: 930722 Time Instrument on 1226
Cast #: C04 Wpt. 32 Other Sampling: NOTE: TO NAD 27 CONVERTED
UTMX: 440336 455 UTMY: 6469856 9675 Time of Position 1227:08
Depth Mt: N50 . Depth Ft: Depth Fa: .
Surface Temp (C): .
Comments: Kittiwake sampling, did not go to bottom to ~50m?
SATS: 3, 16, 20, 12 PDOP: 2.6
Bottom: Hard ☐ Soft ☐ Unknown ☒

*2 min. delay betwn UTMX, UTMY + SATS.
- birds diving + feeding at sampling site.

VRS 2/8

1993 Name: Ross Hooge, E. Page: 2

CTD Samples

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

Pt. Carolus

Dump # C 10009 Date: 930722 Time Instrument on 1234
Cast #: C 05 Other Sampling: NOTE! CONVERTED TO NAD 27
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 44 ~~0893~~ wpt. 33 1012 UTMY: 6470 ~~292~~ 111 Time of Position 1234:52
Depth Mt: 75 Depth Ft: Depth Fa:
Surface Temp (C):
Comments: Kittiwake sampling, did not go to bottom Kittiwakes feeding at sample site
SATS: 24, 25, 16 PDOP: 4.9
Bottom: Hard ☐ Soft ☐ Unknown ☒

Pt. Carolus

* also harbor porpoise + 0° N section apparently feeding

Dump # C 10009 Date: 930722 Time Instrument on 1242
Cast #: C 06 Other Sampling: ~~NOTE~~ NOTE: CONVERTED TO NAD 27
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 442 ~~003~~ wpt 34 122 UTMY: 647 ~~1151~~ 0970 Time of Position 1243:01
Depth Mt: 75 Depth Ft: Depth Fa:
Surface Temp (C):
Comments: Kittiwake sampling, did not go to bottom Kittiwakes feeding at sampling site *
SATS: 24, 25, 03, 16 PDOP: 5.3
Bottom: Hard ☐ Soft ☐ Unknown ☒

Centre mouth Glacier Bay

Dump # C 10009 Date: 930722 Time Instrument on 1319
Cast #: C 07 Other Sampling: NOTE: CONVERTED TO NAD 27
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 441 ~~668~~ wpt. 35 787 UTMY: 6476 ~~368~~ 187 Time of Position 1320:00
Depth Mt: 35 Depth Ft: Depth Fa:
Surface Temp (C):
Comments: Kittiwake sampling, did not hit bottom end of tidal rip line off Pt. Carolus
SATS: 03, 16, 24, 25 PDOP: 4.8
Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 10009 Date: 930724 Time Instrument on 1045
Cast #: C 08 Other Sampling: KW sampling
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 439 987 UTMY: 6469215 Time of Position 1045 530
Depth Mt: Depth Ft: Depth Fa: 25.1
Surface Temp (C):
Comments: Down ~50 m. Wpt. #908 Hippo, 3 KW's plunge-dove here 2 min. previously. May have hit bottom
Bottom: Hard ☐ Soft ☒ Unknown

Dump # C 10009 Date: 930724 Time Instrument on 1124
Cast #: C 09 Other Sampling: KW sampling
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 439793 UTMY: 6469016 Time of Position 112458
Depth Mt: Depth Ft: Depth Fa: 21.0 21.0 (RS) fa
Surface Temp (C):
Comments: Let out ~60 m. 2 KW dove here ~1 min. previous. Very scattered KW, though
Bottom: Hard ☐ Soft ☒ Unknown

Dump 9

✓ AS 2/8 ✓

1993

Name: Ross Hooge, IS

CTD Samples

* Immediately Prior to this: may have been turned on (dry) for ~1 sec.

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

Dump # c 10009 Date: 930724 Time Instrument on 1135
Cast #: c 10 Other Sampling: KW sampling
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 439967 UTMY: 6469359 Time of Position 113624
Wpt. 910
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 228.☐
Surface Temp (C): ☐☐.☐
Comments: 25, 13, 09 PDOP 1.7 Went ~60 m. 1 KW plunged here 1 min. previous
Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # c 10009 Date: 930724 Time Instrument on 1143
Cast #: c 11 Other Sampling: KW Sample
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 440675 UTMY: 6469697 Time of Position 114424
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 30~.5
Surface Temp (C): ☐☐.☐
Comments: 25/13/09 PDOP 1.6. 1 KW plunged here 1 min. prev. Wpt. 911
Bottom: Hard ☐ Soft ☒ Unknown

Dump # c 10009 Date: 930724 Time Instrument on 1249 30
Cast #: c 12 Other Sampling: KW Sample
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 439471 UTMY: 6469928 Time of Position 123114
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ~~30~~.5 11.3 Fa
Surface Temp (C): ☐☐.☐
Comments: 16/3/29 PDOP 1.6. 1 KW plunged Wpt. 912 2 min ago.
Bottom: Hard ☐ Soft ☒ Unknown

Dump # c 10009 Date: 930724 Time Instrument on 1239
Cast #: c 13 Other Sampling: KW Sample
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 439164 UTMY: 6469560 Time of Position 124039
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 14~.2
Surface Temp (C): ☐☐.☐
Wpt 913
Comments: 16/3/29 PDOP 1.6 Scope very far out due to tide
Bottom: Hard ☐ Soft ☒ Unknown

Dump # c 10009 Date: ☐☐☐☐☐☐ Time Instrument on 1246
Cast #: c 14 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: ☐☐☐☐☐☐ UTMY: ☐☐☐☐☐☐☐ Time of Position 124730
RECORD
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
DELETED
Comments: Wpt. 914 CANCEL this but we turned it on
Bottom: Hard ☐ Soft ☐ Unknown

VRS 2/8 ✓

1993 Name: Ross Hooge, B. Page: 4

CTD Samples

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

RECORD DELETED

Dump # C 1 0 0 0 9 Date: 9 3 0 7 2 4 Time Instrument on 1 2 5 7
Cast #: C 1 5 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 9 1 4 5 UTMY: 6 4 6 9 7 2 8 Time of Position 1 2 5 7 4 6
Depth Mt: . Depth Ft: . Depth Fa: .
Surface Temp (C): .
Comments: 16/17/29 1.6 PDOP. CANCEL: down in "a" position ~ 4th then clicked ON/OFF on
Bottom: Hard ☐ Soft ☐ Unknown ☐

Wpt. 915

Dump # C 1 0 0 0 9 Date: 9 3 0 7 2 4 Time Instrument on 1 2 5 8
Cast #: C 1 6 Other Sampling: KW Sample
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 9 2 4 5 UTMY: 6 4 6 9 5 7 7 Time of Position 1 2 5 9 4 6
Depth Mt: . Depth Ft: . Depth Fa: 1 4 . 3
Surface Temp (C): .
Comments: 16/17/29 PDOP: 1.6 14.3 Fa Wpt. 916 3 KW's dove, I fed during
Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 1 0 0 0 9 Date: 9 3 0 7 2 4 Time Instrument on 1 3 0 8
Cast #: C 1 7 Other Sampling: KW Sample
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 9 0 1 5 UTMY: 6 4 6 9 7 1 6 2 Time of Position 1 3 0 8 4 8
Depth Mt: . Depth Ft: . Depth Fa: 8 . 8
Surface Temp (C): .
Comments: 16/17/29 PDOP: 1.6 Dragged on bottom. Came up between
Bottom: Hard ☐ Soft ☒ Unknown ☐ on/o

Wpt. 917

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 ☐

1993 Name: Bishop Page:

CTD Samples

New CTD

Glacier Bay National Park & Preserve, Alaska, U.S.A. Instrument # 775 (694435)

Dump # 0001 Date: 930527 Time Instrument on 0845

Cast #: 0001 Other Sampling: 0850 off

Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8

UTMX: 444122 UTMY: 6476593 Time of Position 084339

Depth Mt: 62.5 Depth Ft: 205 Depth Fa: ☐.☐

hi height: 406cm lo height: -2cm

Comments: time since/to lo: -240 hi: +240

Surface Temp (C): 42.8 F

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

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

50 fathoms
89 metres

137 fathoms
240 metres

100
150 metres

1993 Name: L. Hoogl Page:

CTD Samples

Glacier Bay National Park & Preserve, Alaska, U.S.A. 81951

Dump # C2 0 0 0 1 Date: 9 3 0 6 0 1 Time Instrument on 0 7 2 0
Cast #: C 0 2 Other Sampling:
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 8 3 0 2 UTMY: 6 5 0 1 7 0 8 Time of Position 0 7 1 3 2 4
hi height: 429 cm lo height: -23 time since/to hi: -223 lo: +147
Depth Mt: 2 5 0 . 5 Depth Ft: 8 2 2 Depth Fa: 1 3 7 .
Surface Temp (C): 9 . 6
Comments: sat to 2, 283 set 68
Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C2 0 0 0 1 Date: 9 3 0 6 0 1 Time Instrument on 0 7 5 8
Cast #: C 0 3 Other Sampling: 81501:17
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 4 7 7 0 UTMY: 6 5 0 1 6 3 1 Time of Position 0 7 5 1 4 4
Depth Mt: 2 5 4 . 2 Depth Ft: 8 3 4 Depth Fa: 1 3 9 .
hi height: 429 cm lo height: -23 cm
Surface Temp (C): 9 . 1
Comments: time since/to hi: -192 lo: +178
28, 18, 16 set 87
Bottom: Hard ☐ Soft ☒ Unknown

Dump # C2 0 0 0 1 Date: 9 3 0 6 0 1 Time Instrument on 8 4 1 1 9
Cast #: C 0 4 Other Sampling: 9:38 08 8:38 AM
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 0 8 3 0 UTMY: 6 4 9 9 6 9 0 Time of Position 8 4 1 1 9
0 8 4 1 1 9
Depth Mt: 2 2 . 7 Depth Ft: 7 4 . 4 Depth Fa: 1 2 . 4
hi height: 429 cm lo height: -23 cm
Surface Temp (C): .
Comments: time since/to: hi: -144 lo: +226
SAT 29, 19, 16 set 84
Bottom: Hard ☒ Soft ☐ Unknown ☐

Dump # C2 0 0 0 1 Date: 9 3 0 6 0 1 Time Instrument on 1 0 4 1
Cast #: C 0 5 Other Sampling: 11:41:28
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 4 7 0 3 UTMY: 6 5 0 3 3 0 9 Time of Position 1 0 4 2 4 9
Depth Mt: 3 1 0 . 9 Depth Ft: Depth Fa: 1 7 0 . 0
hi height: 429 cm lo height: -23 cm
Surface Temp (C): 1 0 . 5
Comments: Sat. 21, 26, 27 time since/to Hi: -21 lo: +349
Set 70 down 286m probably bottom
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C2 0 0 0 1 Date: 9 3 0 6 0 1 Time Instrument on 1 3 0 0 35
Cast #: C 0 5 Other Sampling: 140001
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 6 7 3 4 UTMY: 6 5 0 2 8 9 4 Time of Position 1 3 0 2 2 9
Depth Mt: 1 5 0 . 5 Depth Ft: Depth Fa: 8 2 . 3
hi height: 429 cm lo height: 75 cm
Surface Temp (C): 1 1 . 4
Comments: SAT 21, 24
Set 81 time since to Hi: +118 lo: -234
Bottom: Hard ☐ Soft ☐ Unknown ☐

1993 Name: P. Hooge, L. Chilton Page: _____

CTD Samples

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

Dump # C 2 0 0 0 1 Date: 9 3 0 6 0 2 Time Instrument on 0 7 1 6
Cast #: C 0 8 7 Other Sampling: 8:16:05
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 0 6 6 0 UTMY: 6 5 0 1 4 2 0 Time of Position 0 7 1 9 5 6
Depth Mt: 0 7 . 9 Depth Ft: 0 2 6 Depth Fa: 0 4 3 . ☐
hi height: 453cm lo height: -64 cm
Surface Temp (C): 1 0 . 1
Comments: time since/to hi: -283 lo: +192
Sats - 16, 18, 17 Set # 74
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 2 0 0 0 1 Date: 9 3 0 6 0 2 Time Instrument on 0 7 4 4
Cast #: C 0 8 8 Other Sampling: 8:43:29
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 0 3 9 7 UTMY: 6 5 0 3 3 9 9 Time of Position 0 7 1 5 5 5
Depth Mt: 2 3 7 . 7 Depth Ft: ☐ Depth Fa: 1 3 0 . ☐
hi height: 453 cm lo height: -64cm
Surface Temp (C): 1 0 . 1
Comments: Sats 17, 28, 2 time since/to
220 meters spacing Set # 77 Hi: -256 lo: +119
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 0 0 1 Date: 9 3 0 5 0 2 Time Instrument on 0 8 2 3
Cast #: C 0 9 Other Sampling: 9:22:05
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 2 7 2 8 9 UTMY: 6 5 0 3 1 3 5 Time of Position 0 8 2 5 2 0
Depth Mt: 1 0 9 . 9 Depth Ft: ☐ Depth Fa: 5 0 . 7
hi height: 453cm lo height: -64 cm
Surface Temp (C): 1 1 . 0
Comments: 105 meters Station block time since/to
Sats. 16, 18, 28 Set # 83 Hi: -217 lo: +158
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 0 0 1 Date: 9 3 0 6 0 2 Time Instrument on 1 1 5 8
Cast #: C 0 9 10 Other Sampling: 12:58:07
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 0 3 3 4 UTMY: 6 5 0 0 8 8 9 Time of Position 1 1 5 9 4 8
Depth Mt: 8 4 . 1 Depth Ft: ☐ Depth Fa: 4 6 . 0
hi height: 453cm lo height: -64 cm
Surface Temp (C): 1 0 . 1
Comments: time since/to Hi: -1 lo: +374
Set # 73 Sats # 26, 21, 2
Bottom: Hard ☐ Soft ☒ Unknown

Dump # C 2 0 0 0 1 Date: 9 3 0 6 0 2 Time Instrument on 1 2 1 7
Cast #: C 1 0 Other Sampling: 13:11:37
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 1 1 1 0 UTMY: 6 5 0 1 5 1 9 Time of Position 1 2 1 5 2 5
Depth Mt: 5 1 . 0 Depth Ft: ☐ Depth Fa: 2 7 . 9
hi height: 453 cm lo height: 69 cm
Surface Temp (C): 1 0 . 7
Comments: time since/to hi: +12 lo: -336
Set # 86
Bottom: Hard ☐ Soft ☐ Unknown

VRS 2/nov

1993 Name: P. Hooge & G. Eichy Page: _____

CTD Samples

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

Dump # C20001 Date: 930603 Time Instrument on 0702
Cast #: C 12 Other Sampling: 27:51:55
Sonic ☐ Bottom ☒ 15 Trawl ☐ Longline ☒ 83 Zone: 8
UTMX: 431258 UTMY: 6495579 Time of Position 065814 5
431271 6495511 702 09
Depth Mt: 71.7 Depth Ft: ____ Depth Fa: 39.2
Sat: 03 07 29 hi height: 473 lo height: -93 Surface Temp (C): 10.8
Comments: time since/to hi: -353 lo: +24
Bottom: Hard ☒ Soft ☐ Unknown ☐

Dump # C20001 Date: 930603 Time Instrument on 0807 80
Cast #: C 13 Other Sampling: 9:07:14
Sonic ☐ Bottom ☒ 17 Trawl ☐ Longline ☒ 80 Zone: 8
UTMX: 431706 UTMY: 6495979 Time of Position 080912
Depth Mt: 32.9 Depth Ft: ____ Depth Fa: 18.
hi height: 473cm lo height: -93 cm Surface Temp (C): 9.9
Comments: time since/to hi: -283 lo: +94
Sats 17, 31, 2
Bottom: Hard ☒ Soft ☐ Unknown

Dump # C2 Date: ____ Time Instrument on ____
Cast #: C ____ Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ____
UTMX: 431705 UTMY: 6495979 Time of Position ____
Depth Mt: ____ Depth Ft: ____ Depth Fa: 18.
Surface Temp (C): 9.9
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C20001 Date: 930603 Time Instrument on 0818
Cast #: C 14 Other Sampling: 9:17:33
Sonic ☐ Bottom ☒ 16 Trawl ☐ Longline ☒ 79 Zone: 8
UTMX: 432935 UTMY: 6498561 Time of Position 081930
Depth Mt: 127.3 Depth Ft: ____ Depth Fa: 69.6
hi height: 473cm lo height: -93 Surface Temp (C): 10.3
Comments: time since/to hi: -273 lo: +104
Sats: 16, 18, 28 next one
Bottom: Hard ☒ Soft ☐ Unknown

??? Dump # C20002 Date: 930603 Time Instrument on 1336
Cast #: C 00 Other Sampling: 14355
Sonic ☐ Bottom ☒ 19 Trawl ☐ Longline ☒ 85 Zone: 8
UTMX: 432255 UTMY: 6498745 Time of Position 133713
Depth Mt: 135.3 Depth Ft: ____ Depth Fa: 74.
hi height: 473cm lo height: 63 cm Surface Temp (C): 11.4
Comments: time since/to hi: +45 low: -301
Sats: 20, 24, 14
Bottom: Hard ☐ Soft ☒ Unknown

? dump C20001 or C20002 ??
cast 14 cast 00

✓RS 2/13 ✓

1993 Name: P. Hooge, F. Koshman, L. Chilton Page: _____

CTD Samples no cast 00 RS.

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

01

Dump # C 20002 Date: 930603 Time Instrument on 1354
Cast #: C ~~00~~ 01 Other Sampling: Sonic ☐ Bottom ☒ 18 Trawl ☐ Longline ☒ 76 Zone: 8
UTMX: 431700 UTMY: 6497098 Time of Position 135631
Depth Mt: 112.3 Depth Ft: Depth Fa: 61.4
hi height: 473cm lo height: 63 Tygon Hose left
Surface Temp (C): 12.5
Comments: Sats 20, 24, 14 BAD ON
time since/to hi: +64 lo: -282
Bottom: Hard ☐ Soft ☒ Unknown ☐

Dump # C 2 Date: Time Instrument on
Cast #: C Other Sampling: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone:
UTMX: UTMY: Time of Position
Depth Mt: Depth Ft: Depth Fa: 51.4
Surface Temp (C): 12.5
Comments: Void
Bottom: Hard ☐ Soft ☐ Unknown

02

Dump # C 20002 Date: 930603 Time Instrument on 1404
Cast #: C ~~01~~ 02 Other Sampling: Sonic ☐ Bottom ☒ 19 Trawl ☐ Longline ☒ 85 Zone: 8
UTMX: 431842 UTMY: 6496948 Time of Position 140529
Depth Mt: 110.6 Depth Ft: Depth Fa: 60.5
hi height: 473cm lo height: 63
Surface Temp (C): 12.5
Comments: time since/to hi: +73 lo: -273
Sats 1, 24, 14
Bottom: Hard ☐ Soft ☐ Unknown

03

Dump # C 20002 Date: 930604 Time Instrument on 0726
Cast #: C ~~02~~ 03 Other Sampling: Sonic ☐ Bottom ☒ 20 Trawl ☐ Longline ☒ 78 Zone: 8
UTMX: 432014 UTMY: 6493003 Time of Position 073220
Depth Mt: 58.3 Depth Ft: Depth Fa: 31.9
hi height: 564cm lo height: -108cm
Surface Temp (C): 10.9
Comments: Sats time since/to hi: +355 lo: -52
17, 31, 02
Bottom: Hard ☒ Soft ☐ Unknown

04

Dump # C 20002 Date: 930604 Time Instrument on 0814
Cast #: C ~~03~~ 04 Other Sampling: Sonic ☐ Bottom ☒ 21 Trawl ☐ Longline ☒ 71 Zone: 8
UTMX: 433603 UTMY: 6493492 Time of Position 081641
Depth Mt: 100.2 Depth Ft: Depth Fa: 54.8
hi height: 564cm lo height: -108cm
Surface Temp (C): 10.6
Comments: Sats - time since/to hi: +403 lo: -4
15, 18, 28
Bottom: Hard ☒ Soft ☐ Unknown

VRS 2/13 ✓

1993

Name: P. Hooge, E. Kuletz, T. Chilcott

Page: _____

CTD Samples

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

Dump # c 2 0 0 1 0 2 Date: 9 3 0 6 0 4 Time Instrument on 0 9 3 9

Cast #: c 0 4 (05) Other Sampling: Sonic ☐ Bottom ☑ (22) Trawl ☐ Longline ☒ (69) Zone: 8

05 UTMX: 4 3 1 1 7 6 UTMY: 6 (4) 9 5 6 4 9 Time of Position 0 8 3 9 1 8

Depth Mt: 8 3 . 2 Depth Ft: _____ Depth Fa: 4 5 . 5

hi height: 484cm lo height: -108cm Surface Temp (C): 1 0 . 6

Comments: time since/to hi: -354 lo: +22

Sats: 26, 31, 02 Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # c 2 0 0 0 2 Date: 9 3 0 6 0 4 Time Instrument on 1 1 5 0

Cast #: c 0 5 (06) Other Sampling: (23) Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ (75) Zone: ☐

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

Depth Mt: 3 7 . 1 Depth Ft: _____ Depth Fa: 2 0 . 3

hi height: 484cm lo height: -108cm Surface Temp (C): 1 1 . 5

Comments: time since/to hi: -167 lo: +212

Sats 10, 12, ? Bottom: Hard ☐ Soft ☒ Unknown

Dump # c 2 0 0 0 2 Date: 9 3 0 6 0 4 Time Instrument on 1 2 2 2

Cast #: c 0 6 Other Sampling: (24) Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ (78) Zone: 8

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

Depth Mt: _____ . _____ Depth Ft: _____ Depth Fa: 5 7 . 1

Surface Temp (C): 1 0 . 9

Comments: Sats: 4262 - Does not exist - RS

Bottom: Hard ☒ Soft ☐ Unknown

Dump # c 2 0 0 0 3 0 Date: 9 3 0 6 1 7 Time Instrument on 0 6 3 5

Cast #: c 0 0 (25) Other Sampling: Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ (101) Zone: 8

UTMX: 4 3 4 6 3 8 UTMY: 5 4 9 0 9 3 9 Time of Position 06:36:41

Depth Mt: _____ . _____ Depth Ft: _____ Depth Fa: 4 9 . 4

Surface Temp (C): 1 2 . 7

Comments: Sats 17, 2, 31 rock - sand

Bottom: Hard ☒ Soft ☒ Unknown

Dump # c 2 _____ 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): 1 2 . 4

Comments: MTU with Sand probably

Bottom: Hard ☒ Soft ☐ Unknown

VRS 7/13

1993 Name: P. Hooge F Koshman _ Chilton Page: ____

CTD Samples

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

Dump # c 25003 Date: 930617 Time Instrument on 0920
Cast #: c 01 Other Sampling: Sonic ☐ Bottom ☑ Trawl ☐ Longline ☑ Zone: 8
~~26~~ 27 89
UTMX: 434471 UTMY: 6492987 Time of Position 092123
Depth Mt: ___ Depth Ft: ___ Depth Fa: 51.0 Set# 89
Surface Temp (C): 12.4
Comments: SAT: 232707 PDot 2.4
Bottom: Hard ☑ Soft ☐ Unknown ☐

Dump # c 20003 Date: 930617 Time Instrument on 0932
Cast #: c 02 Other Sampling: Sonic ☐ Bottom ☑ Trawl ☐ Longline ☑ Zone: ☐
26
UTMX: 433679 UTMY: 6492135 Time of Position 093827
Depth Mt: ___ Depth Ft: ___ Depth Fa: 52.5 Set# 105
Surface Temp (C): ___
Comments: SAT: 15,23,07 PDot: 1.7
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # c 20003 Date: 930617 Time Instrument on 1301
Cast #: c 03 Other Sampling: Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
29 106
UTMX: ___ UTMY: ___ Time of Position 120536
Depth Mt: ___ Depth Ft: ___ Depth Fa: 147.
Surface Temp (C): 12.8
Comments: Turned off @ 1337
Bottom: Hard ☐ Soft ☒ Unknown ☐

Dump # c 20003 Date: 930617 Time Instrument on 1337
Cast #: c 04 Other Sampling: Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: ☐
28 95
UTMX: 435423 UTMY: 6499921 Time of Position 133910
Depth Mt: ___ Depth Ft: ___ Depth Fa: 154.0
Surface Temp (C): 11.1
Comments: SAT: 25,12,7 PDot 1.8
Bottom: Hard ☐ Soft ☒ Unknown ☐

Dump # c 20003 Date: 930618 Time Instrument on 0930
Cast #: c 05 Other Sampling: Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
32 96
UTMX: 431200 UTMY: 6497788 Time of Position 093207
Depth Mt: ___ Depth Ft: ___ Depth Fa: 56.1
Surface Temp (C): 11.8
Comments: Sat 23,15,07 PDOP 1.7
Bottom: Hard ☐ Soft ☐ Unknown ☐

1993 Name: F. Hooge Page: _____

CTD Samples

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

Dump # 2 0 0 0 3 Date: 9 3 0 6 1 8 Time Instrument on - 1 9 4 5
Cast #: c 0 0 6 Other Sampling: 31 103
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 2 3 5 3 UTMY: 6 4 9 8 0 7 0 Time of Position 0 9 4 7 3 6
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 5 9 . 0
Surface Temp (C): 1 1 . 7
Comments: BAD Tob left ON
Sats: 15, 12, 07 PDOP 1.7
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # ☐☐☐☐☐ Date: 9 3 0 6 1 8 Time Instrument on ☐☐☐☐
Cast #: c ☐☐☐ Other Sampling: 30 100
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 2 3 8 8 UTMY: 6 4 9 8 1 7 3 Time of Position ☐☐☐☐☐☐
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # c 2 0 0 0 3 Date: 9 3 0 6 1 8 Time Instrument on 0 9 5 3
Cast #: c 0 0 7 Other Sampling: 31 103
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 2 3 8 4 UTMY: 6 4 9 8 1 7 3 Time of Position 0 9 5 4 5 6
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 5 3 . ☐
Surface Temp (C): 1 1 . 8
Comments: Sats: 15, 12, 07
Bottom: Hard ☐ Soft ☑ Unknown

Dump # c 2 0 0 0 3 Date: 9 3 0 6 1 8 Time Instrument on 1 0 0 9
Cast #: c 0 1 5 Other Sampling: 30 100
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 4 3 2 2 6 7 UTMY: 6 4 9 8 9 3 1 Time of Position 1 0 1 1 0 0
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 3 5 . 9
Surface Temp (C): 1 1 . 9
Comments: SAT: 12, 13, 15 PDOT: 1.6
Bottom: Hard ☐ Soft ☑ Unknown

Dump # c 2 0 0 0 3 Date: 9 3 0 5 1 8 Time Instrument on 1 1 4 0
Cast #: c 0 0 9 Other Sampling: 33 91
Sonic ☐ Bottom ☑ Trawl ☐ Longline ☒ Zone: 5
UTMX: ☐☐☐☐☐☐ UTMY: ☐☐☐☐☐☐☐ Time of Position ☐☐☐☐☐☐
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐.☐
Surface Temp (C): ☐☐.☐
Comments: SAT: PDOP
Bottom: Hard ☐ Soft ☒ Unknown

1993

Name: P. Hooge, L. Clifton

Page: _____

CTD Samples

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

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

Cast #: c 1 0 Other Sampling: Sonic ☐ Bottom ☑ 33 Trawl ☐ Longline ☑ 91 Zone: 8

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

Depth Mt: _____ Depth Ft: _____ Depth Fa: 7 8 . 6

Surface Temp (C): 1 2 . 2

Comments: SAT: 24,01,14 PDot 1.7

Bottom: Hard ☐ Soft ☑ Unknown ☐

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

Cast #: c 1 1 Other Sampling: Sonic ☐ Bottom ☑ 34 Trawl ☐ Longline ☑ 88 Zone: 8

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

Depth Mt: _____ Depth Ft: _____ Depth Fa: 3 6 . 0

Surface Temp (C): 1 1 . 6

Comments: SAT: 25,12,07 PDot: 1.7

Bottom: Hard ☐ Soft ☑ Unknown ☐

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

Cast #: c 1 2 Other Sampling: Sonic ☐ Bottom ☑ 35 Trawl ☐ Longline ☑ 98 Zone: 8

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

Depth Mt: _____ Depth Ft: _____ Depth Fa: 1 6 1 . _____

Surface Temp (C): 1 1 . 8

Comments: SAT: 15,23,07 PDOP: 1.7

Bottom: Hard ☐ Soft ☒ Unknown ☐

Dump # c 2 0 0 0 3 Date: 9 3 0 6 1 9 Time Instrument on 0 9 4 0

Cast #: c 1 3 Other Sampling: Sonic ☐ Bottom ☒ 36 Trawl ☐ Longline ☒ 107 Zone: 8

UTMX: 4 3 6 2 3 4 UTMY: 6 5 0 0 0 5 3 Time of Position 4 2 2 4

Depth Mt: _____ Depth Ft: _____ Depth Fa: 1 3 8 . 0

Surface Temp (C): 1 1 . 5

Comments: SAT: 15,12,07, PDot 1.7

Bottom: Hard ☐ Soft ☒ Unknown ☐

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

Cast #: c 1 4 Other Sampling: Sonic ☐ Bottom ☐ NO, too deep Trawl ☐ Longline ☑ 90 Zone: 8

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

Depth Mt: _____ Depth Ft: _____ Depth Fa: 1 7 2 . _____

Surface Temp (C): 1 2 . 3

Comments: SAT: 15,23,27 PDot 1.7

Bottom: Hard ☐ Soft ☐ Unknown ☑

VAS 2/13 ✓

1993 Name: P. Hoogi Page: ____

CTD Samples

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

Dump # C 20003 Date: 930619 Time Instrument on 1347
Cast #: C 15 Other Sampling: 37 93
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 432041 UTMY: 6501580 Time of Position 134852
Depth Mt: ___ Depth Ft: ___ Depth Fa: 65.5
Surface Temp (C): 13.1
Comments: Sats: 1, 13, 12 PDOP: .8
Bottom: Hard ☐ Soft ☒ Unknown ☐

Dump # C 2 Date: Time Instrument on
Cast #: C Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone:
UTMX: UTMY: Time of Position 134852
Depth Mt: ___ Depth Ft: ___ Depth Fa:
Surface Temp (C):
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20003 Date: 930619 Time Instrument on 1402
Cast #: C 16 Other Sampling: 38 94
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 431383 UTMY: 6501614 Time of Position 140441
Depth Mt: ___ Depth Ft: ___ Depth Fa: 20
Surface Temp (C): 13.2
Comments: SATS: 1, 13, 12 PDOP 1.7
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20003 Date: 930620 Time Instrument on 0903
Cast #: C 17 Other Sampling: 39 104
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ Zone: 8
UTMX: 426003 UTMY: 6503501 Time of Position 090605
Depth Mt: ___ Depth Ft: ___ Depth Fa: 67.3
Surface Temp (C): 12.4
Comments: Sats: 07, 15, 23 PDOP: 1.7
Bottom: Hard ☐ Soft ☒ Unknown

Dump # C 2 Date: Time Instrument on 09
Cast #: C Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone:
UTMX: UTMY: Time of Position
Depth Mt: ___ Depth Ft: ___ Depth Fa: 67.3
Surface Temp (C): 12.4
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

✓RS 2/13 ✓

1993 Name: P. Hoogl, L. Chilton Page: ____

CTD Samples

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

Dump # C 20003 Date: 930620 Time Instrument on 0927
Cast #: C 18 Other Sampling: 40
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ 99 Zone: 8
UTMX: 427785 UTMY: 6502084 Time of Position 092857
Depth Mt: ___ Depth Ft: ___ Depth Fa: 35.2
Surface Temp (C): 12.5
Comments: Sats: 7, 15, 12 PDOP: 1.7
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20003 Date: 930620 Time Instrument on 0943
Cast #: C 19 Other Sampling: 41
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☒ 97 Zone: 8
UTMX: 426798 UTMY: 65-1452 Time of Position 094549
Depth Mt: ___ Depth Ft: ___ Depth Fa: 53.4
Surface Temp (C): 12.9
Comments: Sats: 7, 15, 12 PDOP: 1.8
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20003 Date: 930620 Time Instrument on 1148
Cast #: C 20 Other Sampling: Too deep
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ 92 Zone: 8
UTMX: 433117 UTMY: 6503325 Time of Position 115043
Depth Mt: ___ Depth Ft: ___ Depth Fa: 180.0
Surface Temp (C): 13.4
Comments: Stat: 20, 24, 14 PDOP: 1.5
Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 20003 Date: 930620 Time Instrument on ~~114~~ 102 12:12
Cast #: C 21 Other Sampling: too deep
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☒ Zone: 8
UTMX: 432601 UTMY: 6502853 Time of Position 121429
Depth Mt: ___ Depth Ft: ___ Depth Fa: 181.0
Surface Temp (C): 13.1
Comments: Stat: 20, 24, 14 PDOP: 1.6
Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # ___ Date: ___ Time Instrument on ___
Cast #: C ___ Other Sampling: ~~To deep~~
Sonic ☐ Bottom ☒ Trawl ☐ Longline ☐ Zone: ___
UTMX: ___ UTMY: ___ Time of Position ___
Depth Mt: ___ Depth Ft: ___ Depth Fa: ___
Surface Temp (C): ___
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

VRS 2/13

1992 Name: BISHOP, KOSCHMANN Page:

Hippoglossus stenolepis

CTD Samples

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

times correct RS

C

Dump # C 20004 Date: 930701 Time: 0912 56

Cast c 00 Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 449858 UTMY: 6465099 Time: 0916 38

hi height: 3.82 m lo height: -0.47 Sat: 15 27 12 PDOP 1.7

Depth Mt: Depth Ft: Depth Fa: 33.2

Time Since/To hi: ~~-13~~ -208 lo: 183 Surface Temp (C): 07.3

Comments: First Ocean Survey Icy Str Station # 0

Bottom: Hard ☐ Soft ☐ Unknown ☑

10:27:50

Dump # C 20004 Date: 930701 Time: ~~0~~ 1 27 48

Cast c 01 Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 441449 UTMY: 6475635 Time: 1032 36

hi height: 3.82 lo height: -0.47 Sat: 02 01 26 PDOP: 1.6

Depth Mt: Depth Ft: Depth Fa: 34.7

Time Since/To hi: ~~-33~~ ~~-110~~ lo: 258 Surface Temp (C): 07.1

Comments: Mouth of Bay Station #1

-133

Bottom: Hard ☐ Soft ☑ Unknown ☐

Dump # C 20014 Date: 930701 Time: 1059 51

Cast c 02 Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 438536 UTMY: 6484267 Time: 1102 59

hi height: 3.82 lo height: -0.47 Sat: 02 24 01 PDOP: 1.8

Depth Mt: Depth Ft: Depth Fa: 51.1

Time Since/To hi: -98 lo: 290 Surfac Temp (C): 07.2

Comments: Sitakaday Station # 2

Bottom: Hard ☐ Soft ☑ Unknown ☐

Dump # C 20014 Date: 930701 Time: 1149 10

Cast c 03 Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 438287 UTMY: 6492411 Time: 1151 49

hi height: 4.24 lo height: -0.44 Sat: 07 24 01 PDOP: 1.7

Depth Mt: Depth Ft: Depth Fa: 59.7

Time Since/To hi: ~~-44~~ lo: ~~370~~ 316 Surface Temp (C): 10.9

Comments: SE Willoughby I Station # 3

Bottom: Hard ☐ Soft ☑ Unknown ☐

Dump # C 20014 Date: 930701 Time: 1238 10

Cast c 04 Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 435259 UTMY: 6501571 Time: 1239 32

hi height: 4.24 lo height: -0.44 Sat: 25 07 12 PDOP: 1.8

Depth Mt: Depth Ft: Depth Fa: 163.

Time Since/To hi: ~~-5~~ lo: ~~389~~ 365 Surface Temp (C): 14.6

Comments: S of Drake N of Marble Station #4 57.4° F

-15

Bottom: Hard ☐ Soft ☐ Unknown ☐

1992 Name: BISHOP, KOSCHMANN Page: ____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 20004 Date: 930701 Time: 134317
Cast C05 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 428386 UTMY: 6507584 Time: 134557
hiheight: 4.24m loheight: 1.05 Sat: 25 24 12 PDOP: 2.0
Depth Mt: ____.__ Depth Ft: ____ Depth Fa: 209.0
TimeSince/Tohi: 50 lo: -290 Surface Temp (C): 13.7
Comments: Instrument shut off late 57.4 °F
Station #5 Btwn N Dvk & Tlw Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 20004 Date: 930701 Time: 143042
Cast C06 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 421820 UTMY: 6513852 Time: 143238
hiheight: 4.39 loheight: 1.05 Sat: 29 16 17 PDOP: 1.6
Depth Mt: ____.__ Depth Ft: ____ Depth Fa: 149.6
TimeSince/Tohi: 93 lo: -244 Surface Temp (C): 13.3
Comments: E of Hugh Miller Inlet 56.0 F
Station # 6 Bottom: Hard ☐ Soft ☒ Unknown ☐

Dump # C 20004 Date: 930701 Time: 154247
Cast C07 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 414967 UTMY: 6519802 Time: 154519
hiheight: 4.39 loheight: 1.05 Sat: 20 24 22 PDOP: 1.6
Depth Mt: ____.__ Depth Ft: ____ Depth Fa: 237.0
TimeSince/Tohi: 165 lo: -172 Surface Temp (C): 12.6
Comments: W of Blue House W of Kool
Station # 7 Bottom: Hard ☐ Soft ☒ Unknown ☐

Dump # C 20004 Date: 930701 Time: 163142
Cast C08 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 407978 UTMY: 6521603 Time: 163310
hiheight: 4.39 loheight: 1.05 Sat: 23 22 16 PDOP: 1.8
Depth Mt: ____.__ Depth Ft: ____ Depth Fa: 232.0
TimeSince/Tohi: 24 lo: -123 Surface Temp (C): 12.8
Comments: S. of Rendu 56.6 °F
Station # 8 Bottom: Hard ☐ Soft ☒ Unknown ☐

Dump # C 20004 Date: 930701 Time: 173454
Cast C09 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 402027 UTMY: 6529737 Time: 173759
hiheight: 4.39 loheight: 1.05 Sat: 23 26 28 PDOP: 1.8
Depth Mt: ____.__ Depth Ft: ____ Depth Fa: 206.0
TimeSince/Tohi: 274 lo: -110 Surface Temp (C): 10.6
Comments: E of S. Russell I. 52.8 F
Station # 9 Bottom: Hard ☐ Soft ☐ Unknown ☐

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1992 Name: BISHOP, KOSCHMANN Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 20004 Date: 930701 Time: 181454
Cast c 10 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 393905 UTMY: 6530008 Time: 181821
hiheight: 4.39 loheight: 1.05 Sat: 26 21 19 PDOP: 1.9
Depth Mt: Depth Ft: Depth Fa: 218.
TimeSince/To hi: 317 lo: 20 Surface Temp (C): 10.9
Comments: S. of Russell Isl Station #10 50.2
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20004 Date: 930701 Time: 19 ~~1821~~ 1942
Cast c 11 Other Sampling:
Sample #: hiheight: 5.40 loheight: 1.05 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: ~~389875~~ 389888 UTMY: ~~6538260~~ ~~6538277 21 23 26~~ 14.6 Time: ~~192320~~ 192618
Depth Mt: Depth Ft: Depth Fa: 185.0
TimeSince/To hi: -315 lo: 45 Sat: 21 31 26 Surface Temp (C): 6.7
Comments: Tarr Inlet Station #11 PDOP: 2.1
X=389888 Y=6538277 Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20004 Date: 930701 Time: 201402
Cast c 12 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 384236 UTMY: 6545274 Time: 201546
hiheight: 5.40 loheight: 1.05 Sat: 01 23 15 PDOP: 1.9
Depth Mt: Depth Ft: Depth Fa: 158.0
TimeSince/To hi: -260 lo: 100 Surface Temp (C): 3.2
Comments: Head of Tarr Inlet Station #12
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20004 Date: 930702 Time: 104127
Cast c 13 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435615 UTMY: 6510769 Time: 104337
-0.68m
hiheight: 4.64 loheight Sat: 02 15 12 PDOP: 22
Depth Mt: Depth Ft: Depth Fa: 79.6
TimeSince/To hi: -188 lo: 196 Surface Temp (C): 11.9
Comments: Mouth of Muir Inlet Station 13 Instrument turned on a off sev Tim
Bottom: Hard ☐ Soft ☐ Unknown

Bad casts - nodata in hex files

Dump # C 20004 Date: 930702 Time: 105251
Cast ? c ~~14~~ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435629 UTMY: 6510891 Time: 105420
-0.68m
hiheight: 4.64 loheight: Sat: 02 24 01 PDOP: 1.9 Soft botto
Depth Mt: Depth Ft: Depth Fa: 79.2
TimeSince/To hi: -175 Surface Temp (C): 12.4
Comments: Mouth of Muir Inlet Instrument on/off switch slipped
lo: 209 Station # 13 redone
Bottom: Hard ☐ Soft ☐ Unknown

1992 Name: BISHOP, KOSCHMANN, GRUGER Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 2 0 0 0 4 Date: 9 3 0 7 0 2 Time: 1 1 2 5 3 3
Cast # ? c 15 14 Other Sampling:
Sample #: 15 15 -0.68 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 5 8 5 4 UTMY: 6 5 1 7 2 7 5 Time: 1 1 2 6 4 5
hiheight: 4.64 loheight: Sat: 20 24 14 PDOP: 1.6
Depth Mt: ☐☐☐ ☐ Depth Ft: ☐☐☐ Depth Fa: 4 7 . 1
TimeSinceLoHi: -144 Lo: 240 Surface Temp (C): 9 . 6
Comments: Muir Inlet Station # 14 Bottom: Hard ☐ Soft ☐ Unknown ☒

Dump # C 2 0 0 0 4 Date: 9 3 0 7 0 2 Time: 1 1 5 6 2 0
Cast c 16 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 5 9 6 4 UTMY: 6 5 1 9 8 5 7 Time: 1 1 5 8 0 5
hiheight: 4.64 lo: -0.68 Sat: 20 24 14 PDOP: 1.7
Depth Mt: ☐☐☐ ☐ Depth Ft: ☐☐☐ Depth Fa: 6 6 . 0
TimeSinceLoHi: -113 Lo: 271 Surface Temp (C): 1 0 . 8
Comments: S. of Adams Station #15 Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 0 0 4 Date: 9 3 0 7 0 2 Time: 1 2 5 8 0 0
Cast c 17 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 6 9 7 9 UTMY: 6 5 2 8 7 4 3 Time: 1 2 4 0 1 9
hiheight: 4.64 loheight: -0.68 Sat: 25 07 12 PDOP: 1.7
Depth Mt: ☐☐☐ ☐ Depth Ft: ☐☐☐ Depth Fa: 1 7 2 . ☐
TimeSinceLoHi: -71 Lo: 313 Surface Temp (C): 1 0 . 5
Comments: E of Hunter Cove Station 16 Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 0 0 4 Date: 9 3 0 7 0 2 Time: 1 3 4 1 4 2
Cast c 18 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 4 6 7 8 UTMY: 6 5 3 7 2 6 7 Time: 1 3 1 3 1 7
hiheight: 4.64 loheight: -0.68 Sat: 03 29 16 PDOP: 1.6
Depth Mt: ☐☐☐ ☐ Depth Ft: ☐☐☐ Depth Fa: 1 2 3 . 0
TimeSinceLoHi: -8 Lo: 376 Surface Temp (C): 8 . 0
Comments: E of Sturgis Cove Station 17 Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 0 0 4 Date: 9 3 0 7 0 2 Time: 1 4 2 6 4 6
Cast c 19 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 1 9 8 2 UTMY: 6 5 4 5 9 1 6 Time: 1 4 3 0 1 2
hiheight: 4.64m loheight: 0.91m Sat: 25 20 24 PDOP: 2.2
Depth Mt: ☐☐☐ ☐ Depth Ft: ☐☐☐ Depth Fa: 1 1 9 . ☐
TimeSinceLoHi: 37 Lo: -302 Surface Temp (C): 6 . 2
Comments: Rox. Glacier Station 18 Bottom: Hard ☐ Soft ☐ Unknown

✓RS 2/13 ✓

1992 Name: BISHOP, KOSCHMANN, EIGER Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 2 0 0 1 4 Date: 9 3 0 7 0 2 Time: 1 5 3 0 1 8
Cast C 2 0 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 3 4 1 8 UTMY: 6 5 4 8 4 7 9 Time: 1 5 3 2 3 8
wheight: 4.64 loheight: 0.91 Sat: 20 2422 PDOP: 1.6
Depth Mt: ☐☐☐ Depth Ft: ☐☐☐ Depth Fa: 1 0 5 . 0
Time Since/Tide: 101 Lo: -238 Surface Temp (C): 4 . 2
Comments: Mean Main Glacier Station 19
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 2 0 0 0 4 Date: 9 3 0 7 0 2 Time: 1 5 5 5 5 2
Cast C 2 1 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 1 4 2 8 UTMY: 6 5 5 0 1 1 2 Time: 1 5 5 8 3 6
wheight: 4.64 loheight: 0.91 Sat: 20 22 16 PDOP: 1.7
Depth Mt: ☐☐☐ Depth Ft: ☐☐☐ Depth Fa: 1 0 2 . ☐
Time Since/Tide: 126 Lo: -210 Surface Temp (C): 3 . 6
Comments: Main Glacier Station 20
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 0 0 4 Date: 9 3 0 7 0 2 Time: ☐☐☐☐☐☐
Cast C ☐☐ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: ☐☐☐☐☐☐ UTMY: ☐☐☐☐☐☐☐ Time: ☐☐☐☐☐☐
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐☐☐☐☐☐ Date: ☐☐☐☐☐☐ Time: ☐☐☐☐☐☐
Cast C ☐☐ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: ☐☐☐☐☐☐ UTMY: ☐☐☐☐☐☐☐ Time: ☐☐☐☐☐☐
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐☐☐☐☐☐ Date: ☐☐☐☐☐☐ Time: ☐☐☐☐☐☐
Cast C ☐☐ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: ☐☐☐☐☐☐ UTMY: ☐☐☐☐☐☐☐ Time: ☐☐☐☐☐☐
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: ☐☐☐.☐
Surface Temp (C): ☐☐.☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

VRS 2/13 ✓

1992 Name: BISHOP, MOSS, KOSCHMANN

Page: _____

Hippoglossus stenolepis

CTD Samples

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

times true RS

Dump # C2 0005 Date: 930803 Time: 085440
Cast c 00 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 449255 UTMY: 6464689 Time: 085662
hiheight: 4.50 loheight: -0.62 Sat: 07 20 24
Depth Mt: Depth Ft: Depth Fa: 30.0
TimeSince/Tohi: -371 lo: 16
Surface Temp (C): 07.3
Comments: Oceanography survey Second Station # 0 mth GLBA Ig
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20005 Date: 930803 Time: 103351
Cast c 01 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 441543 UTMY: 6475260 Time: 103733
hiheight: 4.50 loheight: -0.62 Sat: 19 13 01 PDOP 1.7
Depth Mt: Depth Ft: Depth Fa: 33.6
TimeSince/Tohi: -272 lo: 115
Surface Temp (C): 07.3
Comments: 2nd Oceanography survey Station # 1 mth GLBA
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930803 Time: 110914
Cast c 02 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 438678 UTMY: 6484009 Time: 111257
hiheight: 4.50 loheight: -0.62 Sat: 25 09 13 PDOP: 1.6
Depth Mt: Depth Ft: Depth Fa: 49.2
TimeSince/Tohi: -236 lo: 151
Surface Temp (C): 08.9
Comments: 2nd Oceanography survey 3.5kn current Station # 2 Sitakaday
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930803 Time: 120623
Cast c 03 Other Sampling:
hiheight: 4.92 loheight: -0.59 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
Sample #: UTMX: ~~438678~~ 437818 UTMY: 6492966 Time: 121038
Sat: 29 17 16 PDOP: 1.6
Depth Mt: Depth Ft: Depth Fa: 063.0
TimeSince/Tohi: -172 lo: 124
Surface Temp (C): 10.5
Comments: 2nd Ocean Survey Station #3 SE of Willoughby
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930803 Time: 125124
Cast c 04 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435271 UTMY: 6501506 Time: 125311
hiheight: 4.92 loheight: -0.59 Sat: 29 17 16 PDOP: 1.7
Depth Mt: Depth Ft: Depth Fa: 156.0
TimeSince/Tohi: -147 lo: 229
Surface Temp (C): 10.5
Comments: 2nd Ocean Survey Station #4 S of Drake-N Mbl
Bottom: Hard ☐ Soft ☐ Unknown

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1992 Name: Bishop, Koschmann, Moss Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 20005 Date: 930803 Time: 135613
Cast c 05 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 428547 -0.59 UTMY: 6507555 Time: 135904
hiheight: 4.92 loheight: Sat: 22 20 16 PDOP: 1.7
Depth Mt: Depth Ft: Depth Fa: 199.0
Time Since Tohi: -82 Lo: 294
Surface Temp (C): 12.6
Comments: 2nd Ocean survey Station # 05 N Pk-SW Tl
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20005 Date: 930803 Time: 144605
Cast c 06 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 428547 421764 UTMY: 6507555 23 28 16 Time: 4841
PDOP: 1.6
Depth Mt: Depth Ft: 6513724 Depth Fa: 165.0
Surface Temp (C): 11.8
Comments: 2nd Ocean survey Sat: Station #6 East of Hugh Miller PDOP
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930803 Time: 144605
Cast c 06 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 421764 UTMY: 6513724 Time: 144841
hiheight: 5.07m loheight: -0.59m 23 28 16 PDOP: 1.6
Depth Mt: Depth Ft: Depth Fa: 165.0
Time Since Tohi: -36 Lo: 343
Surface Temp (C): 11.8
Comments: 2nd Ocean survey Station #6 East of Hugh Mill
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930803 Time: 154803
Cast c 07 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 415023 0.42 UTMY: 6519650 Time: 150003
hiheight: 5.07m loheight: Sat: 26 21 19 PDOP: 1.6
Depth Mt: Depth Ft: Depth Fa: 238.0
Time Since Tohi: 26 Lo: -327
Surface Temp (C): 09.9
Comments: 2nd Ocean survey Station # 7 N Bl Ms-W Tidal
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930803 Time: 5003 163837
Cast c 08 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 408205 0.42 UTMY: 6525916 Time: 164120
hiheight: 5.07m loheight: Sat: 3 22 27 PDOP: 1.6
Depth Mt: Depth Ft: Depth Fa: 233.0
Time Since Tohi: 76 Lo: -277
Surface Temp (C): 10.6
Comments: 2nd Ocean survey Station # 8 S. Rendu Inlet
Bottom: Hard ☐ Soft ☐ Unknown

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CTD Samples

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

Dump # C 20005 Date: 930803 Time: 174707
Cast C09 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 400377 UTMY: 6629691 Time: 174945
hiheight: 5.07 loheight: 0.42 Sat: 01 31 26 PDOP: 1.8
Depth Mt: ____ Depth Ft: ____ Depth Fa: 208.0
TimeSinceToHi: 145 Lo: -208 Surface Temp (C): 11.1
Comments: Ocean Survey #2
Station #9 E of S. Russell I. Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930803 Time: 182630
Cast C10 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 393944 UTMY: 6529941 Time: 183254
hiheight: 5.07 loheight: 0.42 Sat: 02 28 09 PDOP 1.7
Depth Mt: ____ Depth Ft: ____ Depth Fa: 209.0
TimeSinceToHi: ~~####~~ Lo: -169 Surface Temp (C): 08.6
Comments: Ocean survey #2
Station #10 S of Russell I. Bottom: Hard ☐ Soft ☐ Unknown

Dump # C ~~20005~~ Date: 930803 Time: ~~183254~~
Cast C ~~##~~ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 393944 UTMY: 6529941 Time:
hiheight: 5.07 loheight: 0.42 Sat: 02 28 09 PDOP: 1.7
Depth Mt: ____ Depth Ft: ____ Depth Fa: ____
TimeSinceToHi: Lo: Surface Temp (C): ____
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930803 Time: 193144
Cast C ~~12~~ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 389955 UTMY: 6538293 Time: 193402
hiheight: 5.07 loheight: 0.42 Sat: 31 02 21 PDOP: 1.7
Depth Mt: ____ Depth Ft: ____ Depth Fa: 185.0
TimeSinceToHi: 249 Lo: -104 Surface Temp (C): 09.1
Comments: Ocean survey #2
Station #11 Taw Inlet Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930803 Time: 202034
Cast C ~~13~~ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 384176 UTMY: 6545256 Time: 202613
hiheight: 5.07 loheight: 0.42 Sat: 25 12 07 PDOP: 2.2
Depth Mt: ____ Depth Ft: ____ Depth Fa: 158.0
TimeSinceToHi: 298 Lo: -55 Surface Temp (C): 03.9
Comments: Ocean. survey #2
Station #12 Taw Inlet head Bottom: Hard ☐ Soft ☐ Unknown

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Hippoglossus stenolepis

CTD Samples

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

Dump # C 20005 Date: 9 3 0 8 0 4 Time: 10 53 54
Cast C 13 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435622 UTMY: 6510556 Time: 10 58 53
hiheight: 5.09 loheight: -0.47 Sat: 25 09 13 PDOP: 1.6
Depth Mt: .0 Depth Ft: Depth Fa: 078.0
TimeSinceHi: 76 Lo: -300 Surface Temp (C): 09.9
Comments: Oceanography Survey # 2
#13 Station SE Tlingit NW Stump Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930804 Time: 11 58 53
Cast C 14 Other Sampling: 11 43 27
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435893 UTMY: 6517068 Time: 11 46 29
hiheight: 5.09 loheight: -0.47 Sat: 29 03 16 PDOP: 1.6
Depth Mt: .0 Depth Ft: Depth Fa: 042.3
TimeSinceHi: -250 Lo: 129 Surface Temp (C): 09.1
Comments: Ocean Survey # 2
Station # 14 West Gouverth & Gu Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930804 Time: 12 04 29
Cast C 15 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 436222 UTMY: 6519710 Time: 12 09 14
missed
Sat: 29 14 16 PDOP: 1.6
Depth Mt: . Depth Ft: Depth Fa: 062.6
Surface Temp (C): 09.9
Comments: Ocean survey # 2
Station # 15 W of Muir Pt. Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930804 Time: 13 03 09
Cast C 15a Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 436897 UTMY: 6527879 Time: 13 04 49
hiheight: 5.09 loheight: -0.47 Sat: 22 20 24 1.7 PDOP
Depth Mt: .0 Depth Ft: Depth Fa: 172.0
TimeSinceHi: -170 Lo: 206 Surface Temp (C): 10.5
Comments: Ocean survey # 2
Station # 16 E of Hunter Cove Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20005 Date: 930804 Time: 13 51 53
Cast C 16 -0.47 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 434589 UTMY: 6537506 Time: 13 53 32
hiheight: 5.09 loheight: Sat: 22 16 20 PDOP: 1.7
Depth Mt: . Depth Ft: Depth Fa: 111.0
TimeSinceHi: -122 Lo: 254 Surface Temp (C): 06.9
Comments: Ocean survey # 2
Station # 17 W of Westdahl Bottom: Hard ☐ Soft ☐ Unknown

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CTD Samples

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

Dump # C 20015 Date: 930804 Time: 145649
Cast C 17 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 432172 UTMY: 6545889 Time: 145900
hiheight: 5.09 loheight: 0.43 Sat: 23 16 28 P: 1.6
Depth Mt: ___ Depth Ft: ___ Depth Fa: 119.0
TimeSinceHoHi: -57 HoLo: 319 Surface Temp (C): 07.9
Comments: Ocean survey #2
Station # 18 2. Eggs, NW McBride
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20015 Date: 930804 Time: ___
Cast C ___ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: ___ UTMY: ___ Time: ___
Depth Mt: ___ Depth Ft: ___ Depth Fa: 119.0
Surface Temp (C): 07.9
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20015 Date: 930804 Time: ___
Cast C 18 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 432172 UTMY: 6545889 Time: ___
Depth Mt: ___ Depth Ft: ___ Depth Fa: ___
Surface Temp (C): ___
Comments: st
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20015 Date: 930804 Time: 154544
Cast C ~~20~~ 18 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 423388 UTMY: 6548452 Time: 154833
hiheight: 5.09 loheight: 0.34 Sat: 21 25 26 P: 1.8
Depth Mt: ___ Depth Ft: ___ Depth Fa: 102.0
TimeSinceHoHi: -8 HoLo: 368 Surface Temp (C): 04.5
Comments: Ocean survey #3
Station # 19 Muir Inlet
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20015 Date: 930804 Time: 161742
Cast C ~~19~~ Other Sampling:
Sample #: 19 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 421495 UTMY: 6549148 Time: 162028
hiheight: 5.09 loheight: 0.38 Sat: 03 21 27 P: 1.8
Depth Mt: ___ Depth Ft: ___ Depth Fa: 107.0
TimeSinceHoHi: 24 HoLo: -335 Surface Temp (C): 04.2
Comments: Ocean survey #2
Station # 20 Head of Muir Inlet
Bottom: Hard ☐ Soft ☐ Unknown

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1992 Name: Bishop, Koschmann, Moss Page: _____

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CTD Samples

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

C

Dump # C200006 Date: 930804 Time: 183840

Cast C00 Other Sampling:

Sample #: 0.2m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 436172 UTMY: 6519675 Time: 184224

Lowweight: 5.09 Lowweight: Sat: 2 28 12 P: 1.6

Depth Mt: 0 Depth Ft: Depth Fa: 62.8

TimeSince/To hi: 165 lo: -194 Surface Temp (C): 9.2

Comments: Second Ocean Survey Redo Station #15

Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # Date: Time:

Cast C Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: UTMY: Time:

Depth Mt: . Depth Ft: Depth Fa: .

Surface Temp (C): .

Comments:

Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # Date: Time:

Cast C Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: UTMY: Time:

Depth Mt: . Depth Ft: Depth Fa: .

Surface Temp (C): .

Comments:

Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # Date: Time:

Cast C Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: UTMY: Time:

Depth Mt: . Depth Ft: Depth Fa: .

Surface Temp (C): .

Comments:

Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # Date: Time:

Cast C Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: UTMY: Time:

Depth Mt: . Depth Ft: Depth Fa: .

Surface Temp (C): .

Comments:

Bottom: Hard ☐ Soft ☐ Unknown ☐

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1992 Name: KOSCHMANN, BROWN Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 20006 Date: 9 3 0 9 0 9 Time: 0 8 2 8 0 7

Cast c 0 1 Other Sampling: CTD on

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

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

hiweight: 284 Sat: loweight: 1.92 PDOP 1.6 of Position

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 2 8 . 2

TimeSince/Toti: 57 Lo: -274 Surface Temp (C): 7 . 9

Comments: Oceanography survey #3 Station #0

Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20006 Date: 9 3 0 9 0 9 Time: 0 9 1 9 3 4

Cast c 0 2 Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

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

hiweight: Sat: loweight: 1.92 PDOP

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 3 4 . 6

TimeSince/Toti: 108 Lo: -223 Surface Temp (C): 9 . 5

Comments: Ocean survey #3 Station # 1

Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20006 Date: 9 3 0 9 0 9 Time: 1 0 0 7 2 6

Cast c 0 3 Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 4 3 8 6 8 2 UTMY: 6 4 8 3 2 6 4 Time: 1 0 0 9 0 0

hiweight: 284 Sat: 29 17 16 loweight: 1.92 PDOP 1.7

Depth Mt: ☐ Depth Ft: 0 ☐ Depth Fa: 4 9 . 6

TimeSince/Toti: 156 Lo: -175 Surface Temp (C): 8 . 0

Comments: Ocean survey #3 Station #2 (left on for 10 min.)

Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20006 Date: 9 3 0 9 0 9 Time: 1 0 5 5 2 3

Cast c 0 4 Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

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

hiweight: Sat: 22 20 24 loweight: 1.95 PDOP: 1.6

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 6 0 . 3

TimeSince/Toti: 191 Lo: -151 Surface Temp (C): 8 . 6

Comments: Ocean survey #3 Station #3

Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20006 Date: 9 3 0 9 0 9 Time: 1 1 4 3 1 1

Cast c 0 5 Other Sampling:

Sample #: hiweight: 3.26

Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 4 3 5 3 1 0 UTMY: 6 5 0 1 5 6 9 Time: 1 1 4 4 4 3

Sat: 22 16 20 loweight: 1.95 PDOP: 1.7

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 1 6 1 .

TimeSince/Toti: 239 Lo: -103 Surface Temp (C): 8 . 2

Comments: Ocean survey #3 Station #4

Bottom: Hard ☐ Soft ☐ Unknown

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1992 Name: Koschmann, Brown Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 20006 Date: 930909 Time: 123120
Cast c 06 Other Sampling:
Sample #: hiheight: 3.26 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 428546 UTMY: 6507489 Time: 123257
Sat: 23 28 16 loheight: 1.95 PDOP 1.6
Depth Mt: Depth Ft: Depth Fa: 202.
TimeSince/To hi: 287 lo: -55
Surface Temp (C): 9.0
Comments: Ocean survey #3
Station #5
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20006 Date: 930909 Time: 132012
Cast c 07 Other Sampling:
Sample #: hiheight: ~~3.26~~ 3.41m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 421791 UTMY: 6513852 Time: 132210
Sat: 28 21 26 loheight: 1.95m PDOP 1.8
Depth Mt: Depth Ft: Depth Fa: 159.
TimeSince/To hi: 332 lo: -7
Surface Temp (C): 7.3
Comments: Ocean survey #3
Station #6
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20006 Date: 930909 Time: 140804
Cast c 08 Other Sampling:
Sample #: hiheight: 4.15m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 414872 UTMY: 6519821 Time: 140932
Sat: 03 22 27 loheight: 1.95m PDOP 1.6
Depth Mt: Depth Ft: Depth Fa: 236.
TimeSince/To hi: -330 lo: 41
Surface Temp (C): 7.2
Comments: Ocean survey #3
Station #7
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20006 Date: 930909 Time: 145822
Cast c 09 Other Sampling:
Sample #: hiheight: 4.15 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 408038 UTMY: 6525982 Time: 150002
Sat: 01 31 26 loheight: 1.95m PDOP 1.7
Depth Mt: Depth Ft: Depth Fa: 232.
TimeSince/To hi: -280 lo: 91
Surface Temp (C): 7.3
Comments: Ocean survey #3
Station #8
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20006 Date: 930909 Time: 154931
Cast c 10 Other Sampling:
Sample #: hiheight: 4.15 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 399995 UTMY: 6529801 Time: 155029
Sat: 01 09 15 loheight: 1.95m PDOP 1.7
Depth Mt: Depth Ft: Depth Fa: 205.
TimeSince/To hi: -229 lo: 142
Surface Temp (C): 6.9
Comments: Ocean survey #3
Station #9
Bottom: Hard ☐ Soft ☐ Unknown

1992 Name: KOSCHMANN, BROWN Page:

Hippoglossus stenolepis

CTD Samples

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

Dump # C 2 0 1 0 1 6 Date: 9 3 0 9 0 9 Time: 1 6 2 4 4 3

Cast C 1 1 Other Sampling:

Sample #: hiheight: 4.15 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 3 9 3 8 9 5 UTMY: 6 5 3 0 0 0 8 Time: [illegible]

Sat: 23 02 29 loheight: 1.95 PDOP 1.6 1 6 2 6 1 0

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 2 0 8 .

Time Since/To hi: -194 lo: 177 Surface Temp (C): 4 . 9

Comments: Ocean survey #3 Station # 10 Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 2 0 1 0 1 6 Date: 9 3 0 9 0 9 Time: 1 7 1 2 2 6

Cast C 1 2 Other Sampling:

Sample #: hiheight: 4.15 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 3 8 9 8 6 7 UTMY: 6 5 3 8 1 6 9 Time: 1 7 1 4 1 7

Sat: 07 21 31 loheight: 1.95 PDOP 1.7

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 1 8 6 .

Time Since/To hi: -146 lo: 225 Surface Temp (C): 5 . 2

Comments: Ocean survey #3 Station # 11 Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 1 0 1 6 Date: 9 3 0 9 0 9 Time: 1 7 5 8 5 6

Cast C 1 3 Other Sampling:

Sample #: hiheight: 4.15 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 3 8 [illegible] 1 [illegible] 6 UTMY: 6 5 4 5 3 2 7 Time: 1 8 0 0 1 7

Sat: 26 12 07 loheight: 1.95 PDOP 2.2

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 1 5 8 .

Time Since/To hi: -100 lo: 271 Surface Temp (C): 2 . 7

Comments: Ocean survey #3 Station # 12 Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 1 0 1 6 Date: 9 3 0 9 [illegible] 10 Time: 0 9 1 5 3 5

Cast C 1 4 Other Sampling:

Sample #: hiheight: 3.43 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

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

Sat: 03 16 29 loheight: 0.98 PDOP 1.6

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 8 0 . 3

Time Since/To hi: -7 lo: 375 Surface Temp (C): 7 . 2

Comments: Ocean survey #3 Station # 13 Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 1 0 1 6 Date: 9 3 0 9 [illegible] 10 Time: 0 9 5 0 3 3

Cast C 1 5 Other Sampling:

Sample #: hiheight: 3.43m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 4 3 5 9 5 9 UTMY: 6 5 1 7 1 3 1 Time: 0 9 5 1 5 1

Sat: 16 17 29 loheight: 2.03m PDOP 1.6

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 7 3 . 5

Time Since/To hi: 28 lo: -314 Surface Temp (C): 6 . 8

Comments: Ocean survey #3 Station # 14 Bottom: Hard ☐ Soft ☐ Unknown

1992 Name: KOSCHMANN, BROWN Page:

Hippoglossus stenolepis

CTD Samples

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

Dump # C 2 0 0 0 6 Date: 9 3 0 9 0 9 Time: 1 0 0 7 5 1

Cast C 1 6 Other Sampling:

Sample #: hiheight: 3.43 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

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

Sat: 16 17 29 loheight: 2.03 PDOP 1.7

Depth Mt: ☐☐☐ ☐ Depth Ft: ☐☐☐ Depth Fa: 6 1 . 7

Time Since Tohi: 45 lo: -297

Comments: Ocean survey #3 Surface Temp (C): 6 . 8

Station # 15

Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 2 0 0 0 6 Date: 9 3 0 9 0 9 Time: 1 0 4 8 0 6

Cast C 1 7 Other Sampling:

Sample #: hiheight: 3.43 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

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

Sat: 24 22 20 loheight: 2.03 PDOP: 1.7

Depth Mt: ☐☐☐ ☐ Depth Ft: ☐☐☐ Depth Fa: 1 7 0 . ☐

Time Since Tohi: 8le lo: -256

Comments: Ocean survey #3 Surface Temp (C): 6 . 6

Station # 16

Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 0 0 6 Date: 9 3 0 9 0 9 Time: 1 1 3 3 2 4

Cast C 1 8 Other Sampling:

Sample #: hiheight: 3.43 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 4 3 4 6 4 8 UTMY: 6 5 3 7 6 4 3 Time: 1 1 3 4 3 4

Sat: 16 22 20 loheight: 2.03 PDOP 1.7

Depth Mt: ☐☐☐ ☐ Depth Ft: ☐☐☐ Depth Fa: 1 1 1 . ☐

Time Since Tohi: 131 lo: -210

Comments: Ocean survey #3 Surface Temp (C): 5 . 2

Station # 17

Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 0 0 6 Date: 9 3 0 9 0 9 Time: 1 2 1 8 5 2

Cast C 1 9 Other Sampling:

Sample #: hiheight: 3.43 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

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

Sat: 23 28 16 loheight: 2.03 PDOP 16

Depth Mt: ☐☐☐ ☐ Depth Ft: ☐☐☐ Depth Fa: 1 1 7 . ☐

Time Since Tohi: 176 lo: -116

Comments: Ocean survey #3 Surface Temp (C): 4 . 5

Station # 18

Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 0 0 6 Date: 9 3 0 9 0 9 Time: 1 3 0 3 5 9

Cast C 2 0 Other Sampling:

Sample #: hiheight: 3.43 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

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

Sat: 26 22 19 loheight: 2.03 PDOP 1.7

Depth Mt: ☐☐☐ ☐ Depth Ft: ☐☐☐ Depth Fa: 1 0 8 . ☐

Time Since Tohi: 221 lo: -121

Comments: Ocean survey #3 Surface Temp (C): 3 . 6

Station # 19

Bottom: Hard ☐ Soft ☐ Unknown

✓RS 9/14 ✓

1992 Name: Kaschmann Brown Page: ____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 2 0 0 0 6 Date: 9 3 0 9 ~~9 3~~ Time: 1 3 2 7 0 3
Cast C 2 1 Other Sampling: 1 0
Sample #: hiheight: 3.43 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 4 2 1 4 6 3 UTMY: 6 5 5 0 2 4 5 Time: 1 3 2 8 1 3
Sat: 2 8 2 1 2 6 hiheight: 203 pdop: 1.9
Depth Mt: ☐ ☐ Depth Ft: ☐ ☐ Depth Fa: 1 0 1 . ☐
Time since holy: 245 to: 97
Surface Temp (C): ☐ 2 . 7
Comments: Ocean survey #3 Station # 20
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # ☐ Date: ☐ Time: ☐
Cast C ☐ ☐ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: ☐ UTMY: ☐ Time: ☐
Depth Mt: ☐ . ☐ Depth Ft: ☐ Depth Fa: ☐ . ☐
Surface Temp (C): ☐ . ☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐ Date: ☐ Time: ☐
Cast C ☐ ☐ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: ☐ UTMY: ☐ Time: ☐
Depth Mt: ☐ . ☐ Depth Ft: ☐ Depth Fa: ☐ . ☐
Surface Temp (C): ☐ . ☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐ Date: ☐ Time: ☐
Cast C ☐ ☐ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: ☐ UTMY: ☐ Time: ☐
Depth Mt: ☐ . ☐ Depth Ft: ☐ Depth Fa: ☐ . ☐
Surface Temp (C): ☐ . ☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐ Date: ☐ Time: ☐
Cast C ☐ ☐ Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: ☐ UTMY: ☐ Time: ☐
Depth Mt: ☐ . ☐ Depth Ft: ☐ Depth Fa: ☐ . ☐
Surface Temp (C): ☐ . ☐
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

✓RS 2/14✓

1992 Name: KOSCHMANN, YERXA Page: _____

Hippoglossus stenolepis

CTD Samples

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

times true-RS

WPT #1 #2

Dump # C 20007 Date: 931006 5 Time: 090322
Cast c 00 Other Sampling:
Sample #: hiheight: 3.85 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 448752 UTMY: 6465034 Time:
loheight: 1.14 SATS 20, 24, 22 PDOP 1.6
Depth Mt: 22 Depth Ft: 2 Depth Fa: 29.2
Time Since/To hi: 277 lo: -68 Surface Temp (C): 07.9
Comments: Mth Glacier Bay ~~Cast~~ Station # 0
Fourth oceanography survey
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20007 Date: 931006 5 Time: 100100
Cast c 01 Other Sampling:
Sample #: hiheight: 3.85m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 441988 UTMY: 6474553 Time:
loheight: 1.14m SATS 16, 20, 28 PDOP 1.6
Depth Mt: Depth Ft: Depth Fa: 32.0
Time Since/To hi: 335 lo: -10 ~~SATS~~ Surface Temp (C): 06.7
Comments: Station # 1 Mth Glacier Bay
Icy Strait
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20007 Date: Time:
Cast c Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: UTMY: Time:
Depth Mt: Depth Ft: Depth Fa:
Surface Temp (C):
Comments:
Bottom: Hard ☐ Soft ☐ Unknown

WPT #3

Dump # C 20007 Date: 931006 5 Time: 105130
Cast c 02 Other Sampling:
Sample #: hiheight: 4.35 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 438766 UTMY: 6483455 Time:
loheight: 1.14m SATS 16, 23, 28 PDOP 1.7
Depth Mt: Depth Ft: Depth Fa: 48.3
Time Since/To hi: -322 lo: 40 Surface Temp (C): 06.7
Comments: Station # 2
SITAKADAY
Bottom: Hard ☐ Soft ☐ Unknown

WPT #4

Dump # C 20007 Date: 931006 5 Time: 113624 52
Cast c 03 Other Sampling:
Sample #: hiheight: 4.78m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 438153 UTMY: 6492647 Time:
loheight: 1.17m SATS 21, 19, 26 PDOP 1.8
Depth Mt: Depth Ft: Depth Fa: 59.8
Time Since/To hi: -290 lo: 61 Surface Temp (C): 06.6
Comments: Station # 3
SE OF WILLOUGHBY
Bottom: Hard ☐ Soft ☐ Unknown

VRS 2/14

1992 Name: Koschmann, Yerxa Page: ____

Hippoglossus stenolepis

CTD Samples

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

WPT # 5

Dump # C 20007 Date: 931006 Time: 122540
Cast C 04 Other Sampling: 26 08
Sample #: hiheight: 4.78 m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 435425 UTMY: 6501468 Time: ☐
loheight: 1.17m SATS 3, 26, 22 PDOP 1.9
Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 158.
Time Since To hi: -241 lo: 110 Surface Temp (C): 6.4
Comments: S. OF DRAKE N OF MARBLE
Station #4
Bottom: Hard ☐ Soft ☐ Unknown ☐

WPT # 6

Dump # C 20007 Date: 931006 Time: 131630
Cast C 05 Other Sampling: 5
Sample #: hiheight: 4.78 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 428496 UTMY: 6507514 Time: ☐
loheight: 1.17 SATS 1, 31, 26 PDOP 1.8
Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 197.
Time Since To hi: -190 lo: 161 Surface Temp (C): 6.7
Comments: BETW. DRAKE & TLINGIT PT
Station #5
Bottom: Hard ☐ Soft ☐ Unknown

WPT # 14

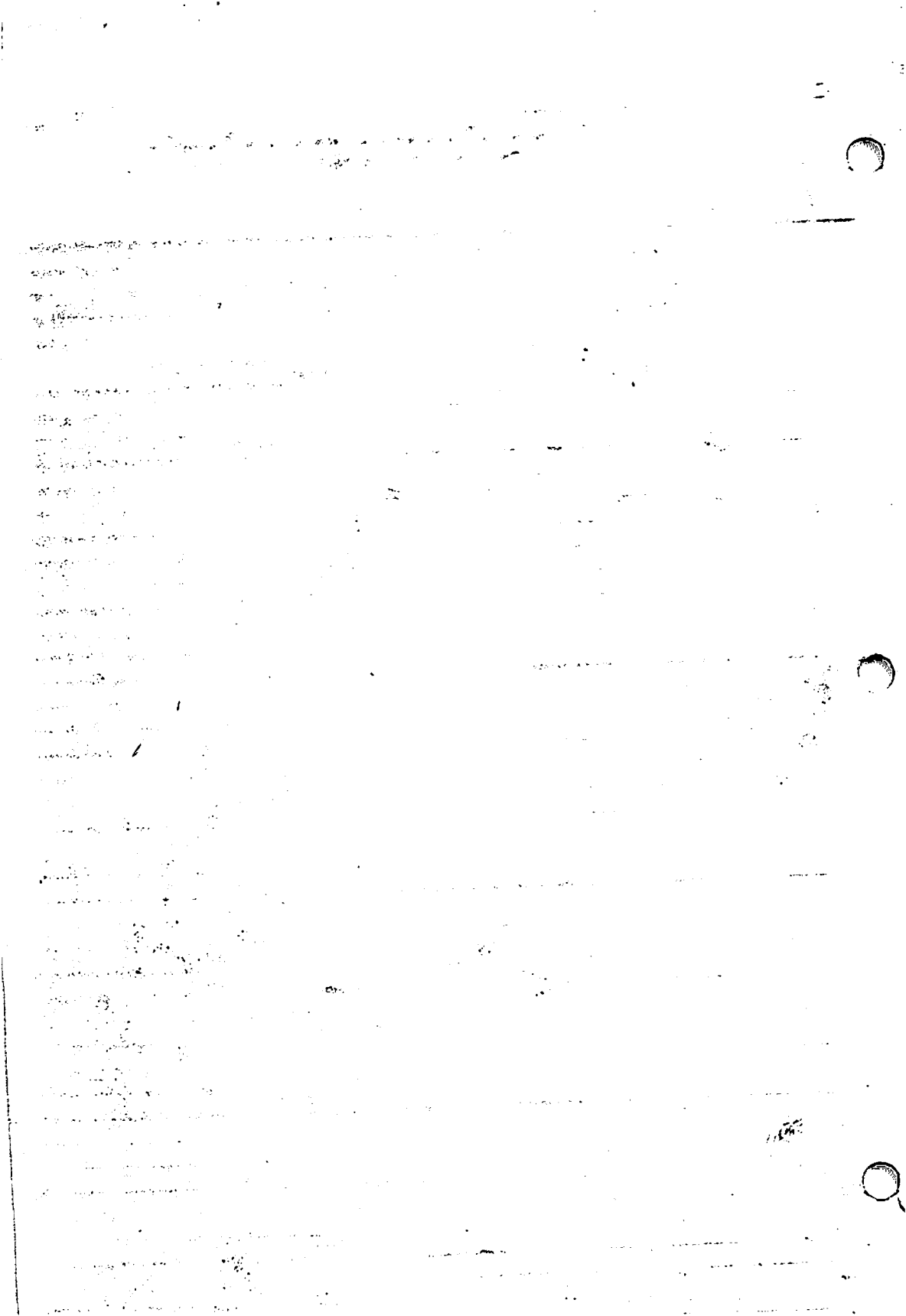
Dump # C 20007 Date: 931006 Time: 101540
Cast C 14 Other Sampling:
Sample #: hiheight: 4.15 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 421842 UTMY: 6513694 Time: 101904
loheight: 1.47 SATS 16, 23, 28 PDOP 1.6
Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 162.
Time Since To hi: 291 lo: -58 Surface Temp (C): 5.1
Comments: E OF HUGH MILLER
Station #6
Bottom: Hard ☐ Soft ☐ Unknown

WPT # 15

Dump # C 20007 Date: 931006 Time: 110740
Cast C 15 Other Sampling:
Sample #: hiheight: 4.15 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 414897 UTMY: 6519832 Time: 110926
loheight: 1.47 SATS 22, 19, 26 PDOP 1.7
Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 236.
Time Since To hi: 343 lo: -6 Surface Temp (C): 4.7
Comments: N. BLUE MOUSE W. TIDAL
Station #7
Bottom: Hard ☐ Soft ☐ Unknown

WPT # 16

Dump # C 20007 Date: 931006 Time: 115450
Cast C 16 Other Sampling:
Sample #: hiheight: 4.70m Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 408104 UTMY: 6526027 Time: 115658
loheight: 1.47m SATS 3, 22, 26 PDOP 2.2
Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 231.
Time Since To hi: -314 lo: 41 Surface Temp (C): 3.8
Comments: S OF RENDU
Station #8
Bottom: Hard ☐ Soft ☐ Unknown



VRS 2/14 V

1992 Name: KOSCHMANN, VERYA Page: _____

Hippoglossus stenolepis

CTD Samples

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

7 5

Dump # C 2 0 0 0 7 Date: 9 3 1 0 0 6 Time: 1 3 5 6 4 0

Cast C 0 6 Other Sampling:

Sample #: hiheight: 4.93 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: 4 3 5 6 3 9 UTMY: 6 5 1 0 5 6 7 Time: ☐☐☐☐☐☐

loheight: 1.17

Depth Mt: ☐☐☐ Depth Ft: ☐☐☐ Depth Fa: 8 8 0 . 0

TimeSinceTo hi: -153 lo: 198 Surface Temp (C): 1 6 . 2

Comments: SITLINGIT PT NW Station #74 13 STURGESS Bottom: Hard ☐ Soft ☐ Unknown ☐

WPT # 8

Dump # C 2 0 0 0 7 Date: 9 3 1 0 0 3 Time: 1 4 3 6 2 0

Cast C 0 7 Other Sampling: 5

Sample #: hiheight: 4.93 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: 4 3 5 8 7 2 UTMY: 6 5 1 7 1 8 8 Time: ☐☐☐☐☐☐

loheight: 1.17 SATS 23, 28, 2 PDOP 1.6

Depth Mt: ☐☐☐ Depth Ft: ☐☐☐ Depth Fa: 4 4 . 3

TimeSinceTo hi: -115 lo: 238 Surface Temp (C): 1 5 . 8

Comments: MUIR SILL Station #75 14 Bottom: Hard ☐ Soft ☐ Unknown

8

Dump # C 2 0 0 0 7 Date: 9 3 1 0 0 5 Time: 1 4 5 6 0 0

Cast C 0 8 Other Sampling:

Sample #: hiheight: 4.93 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: 4 3 6 0 8 6 UTMY: 6 5 1 9 7 8 9 Time: ☐☐☐☐☐☐

loheight: 1.17 SATS 23, 28, 2 PDOP 1.6

Depth Mt: ☐☐☐ Depth Ft: ☐☐☐ Depth Fa: 6 5 . 0

TimeSinceTo hi: -95 lo: 274 Surface Temp (C): 1 5 . 8 5

Comments: W OF MUIR PT Station #76 15 Bottom: Hard ☐ Soft ☐ Unknown

WPT # 10

Dump # C 2 0 0 0 7 Date: 9 3 1 0 0 5 Time: 1 5 4 2 3 0

Cast C 0 9 Other Sampling:

Sample #: hiheight: 4.93 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: 4 3 7 0 3 8 UTMY: 6 5 2 8 7 7 0 Time: ☐☐☐☐☐☐

loheight: 1.17 SATS 21, 31, 7 PDOP 1.6

Depth Mt: ☐☐☐ Depth Ft: ☐☐☐ Depth Fa: 1 7 2 . ☐

TimeSinceTo hi: -49 lo: 304 Surface Temp (C): 1 5 . 0

Comments: E OF HUNTER COVE Station #77 16 Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 2 0 0 0 7 Date: 9 3 1 0 0 5 Time: 1 6 3 1 0 0

Cast C 1 0 Other Sampling:

Sample #: hiheight: 4.93 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: 4 3 4 6 2 7 UTMY: 6 5 3 7 5 9 4 Time: ☐☐☐☐☐☐

loheight: 1.17 SATS 5, 25, 14 PDOP 1.7

Depth Mt: ☐☐☐ Depth Ft: ☐☐☐ Depth Fa: 1 1 6 . ☐

TimeSinceTo hi: 0 lo: 353 Surface Temp (C): 1 4 . 3

Comments: E OF WESTDAHL PT Station #78 17 Bottom: Hard ☐ Soft ☐ Unknown

11

VRS 2/14 ✓

1992 Name: KOSCHMANN, YERXA

Page: ____

Hippoglossus stenolepis

CTD Samples

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

12

Dump # C 20007 Date: 931005 Time: 171800

C Cast c 11 Other Sampling:

Sample #: hiheight: 4.93 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: 432064 UTMY: 6546100 Time: ~~180320~~

loheight: 0.29 SATS 7, 20, 15 PDOP 1.8

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 119.☐

TimeSince/Tohi: 47 Lo: -361

Surface Temp (C): 4.3

Comments: S RIGGS NW MCBRIDE

Station #19 18

Bottom: Hard ☐ Soft ☐ Unknown ☐

WPT #

13

Dump # C 20007 Date: 931005 Time: 180320

C Cast c 12 Other Sampling:

Sample #: 2 heheight: 4.93 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: 433328 UTMY: 6548563 Time: ☐

loheight: 0.29 SATS 29, 20, 15 PDOP 2.4

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 107.☐

TimeSince/Tohi: 92 Lo: -316

Surface Temp (C): 4.9

Comments: MUIR INLET

Station #20 19

Bottom: Hard ☐ Soft ☐ Unknown

NO WPT

Dump # ☐ Date: ☐ Time: 182320

C Cast c 13 Other Sampling:

Sample #: hiheight: 4.93 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: ☐ UTMY: ☐ Time: ☐

* NO GPS READINGS loheight: 0.29

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 109.☐

TimeSince/Tohi: 112 Lo: -296

Surface Temp (C): 2.9

Comments: HEAD OF MUIR INLET

STATION # 20

Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐ Date: ☐ Time: ☐

Cast c ☐ Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: ☐ UTMY: ☐ Time: ☐

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: 109.☐

Surface Temp (C): ☐

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

Dump # ☐ Date: ☐ Time: ☐

Cast c ☐ Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐

UTMX: ☐ UTMY: ☐ Time: ☐

Depth Mt: ☐ Depth Ft: ☐ Depth Fa: ☐

Surface Temp (C): ☐

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

1992 Name: KOSCHMANN, TERRA Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 20007 Date: 9 3 1 0 0 6 Time: 1 3 1 6 3 0
Cast C
Sample #:
Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 4 2 8 4 9 6 UTMY: 6 5 0 7 5 1 4 Time: ☐☐☐☐☐☐
SATS 1, 31, 26 PDOP ~~2.5~~ 1.8
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 1 9 7 .☐
Surface Temp (C): 1 6 . 7
Comments: BETW DRAKE & TLINGIT PT. Station #9
Bottom: Hard ☐ Soft ☐ Unknown ☐

WPT # 17

Dump # C 20007 Date: 9 3 1 0 0 6 Time: 1 2 4 7 3 0
Cast C 1 7
Sample #: hiheight: 4.70
Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 3 9 9 9 5 3 UTMY: 6 5 2 9 8 5 6 Time: 1 2 4 9 2 1
loheight: 1.47 SATS 21, 31, 26 PDOP 2.0
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 2 0 5 .☐
TimeSinceTo hi: -216 lo: 94
Surface Temp (C): 0 2 . 4
Comments: E OF S RUSSELL I. Station #10 9
Bottom: Hard ☐ Soft ☐ Unknown

WPT # 18

Dump # C 20007 Date: 9 3 1 0 0 6 Time: 1 3 2 6 4 0
Cast C 1 8
Sample #: hiheight: 4.70
Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 3 9 3 9 4 7 UTMY: 6 5 2 9 9 7 6 Time: 1 3 2 8 3 7
loheight: 1.47 SATS 1, 31, 26 PDOP 1.8
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 2 0 8 .☐
TimeSinceTo hi: -222 lo: 133
Surface Temp (C): 0 2 . 9
Comments: S OF RUSSELL I. Station #11 10
Bottom: Hard ☐ Soft ☐ Unknown

WPT # 19

Dump # C 20007 Date: 9 3 1 0 0 6 Time: 1 4 1 3 0 0
Cast C 1 9
Sample #: hiheight: 4.70
Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 3 8 9 7 8 0 UTMY: 6 5 3 8 3 2 5 Time: 1 4 1 4 5 0
loheight: 1.47 SATS 9, 2, 28 PDOP 1.7
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 1 8 5 .0
TimeSinceTo hi: -175 lo: 180
Surface Temp (C): 0 3 . 6
Comments: TARR INLET Station #12 11
Bottom: Hard ☐ Soft ☐ Unknown

WPT # 20

Dump # C 20007 Date: 9 3 1 0 0 6 Time: 1 4 5 7 4 0
Cast C 2 0
Sample #: hiheight: 4.70
Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: ☐
UTMX: 3 8 4 1 4 1 UTMY: 6 5 4 5 3 4 7 Time: 1 4 5 9 5 5
loheight: 1.47 SATS 2, 31, 23 PDOP 1.7
Depth Mt: ☐☐☐.☐ Depth Ft: ☐☐☐ Depth Fa: 1 5 8 .☐
TimeSinceTo hi: -131 lo: 224
Surface Temp (C): 0 2 . 9
Comments: HEAD OF TARR INLET Station #13 12
Bottom: Hard ☐ Soft ☐ Unknown

SCHIZAS
KOSCHMANN
3.27 ft/meter
1.83 meters/fa

✓ 2/14 RS ✓

1993 Name: BISHOP Page: ____

Hippoglossus stenolepis

CTD Samples

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

time 2hrs. off - RS

3905 C Dump # C 20008 Date: 931104 Time: 093926
Cast c 00 Other Sampling: of CTD ~~11:39~~
Sample #: 0 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 448680 UTMY: 6465112 Time: 094223
hi height: 377cm lo height: 134cm of position
Depth Mt: 53.0 Depth Ft: Depth Fa: 29.0
Station #0, time since/to hi: -203 lo: +146
Surface Temp (C): 5.9
Comments: Mouth of Glacier Bay-Jay Fifth ocean survey
Bottom: Hard ☒ Soft ☐ Unknown ☐

5945 C Dump # C 20008 Date: 931104 Time: 110003
Cast c 01 Other Sampling: ~~12:59~~
Sample #: 1 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 441765 UTMY: 6474704 Time: 110158
hi height: 432cm lo height: 149cm time to/since hi: -153 lo: +206
Depth Mt: 61.3 Depth Ft: Depth Fa: ~~61.3~~
Station #1
Surface Temp (C): 5.9
Comments: Mouth of Glacier Bay Fifth oceanography surv
Bottom: Hard ☒ Soft ☐ Unknown

C Dump # C 20008 Date: 931104 Time: 133901
Cast c 02 Other Sampling: ~~11:40~~ 11:40:01
Sample #: 2 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 438699 UTMY: 6483500 Time: 114154
hi height: 432cm lo height: 149cm
Depth Mt: 90.8 Depth Ft: Depth Fa:
time since/to hi: -113 lo: +245
Surface Temp (C): 5.7
Comments: Sitahaday Station #2 Fifth ocean survey
Bottom: Hard ☒ Soft ☐ Unknown

43747 C Dump # C 20008 Date: 931104 Time: 123808
Cast c 03 Other Sampling: ~~14:37~~
Sample #: 3 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 437954 UTMY: 6492564 Time: 124037
hi height: 474cm lo height: 152cm
Depth Mt: 113.0 Depth Ft: Depth Fa:
time since/to hi: -68 lo: +279
Surface Temp (C): 5.4
Comments: SE Willoughby Station #3 Fifth Ocean Survey
Bottom: Hard ☐ Soft ☒ Unknown

C Dump # C 20008 Date: 931104 Time: 141419
Cast c 04 Other Sampling: ~~16:13~~
Sample #: 4 Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435376 UTMY: 6501471 Time: 141640
hi height: 474cm lo height: 25cm time since/to hi: +28 lo: -388
Depth Mt: 293.0 Depth Ft: Depth Fa:
Station #4
Surface Temp (C): 5.0
Comments: S of Drake, N of Marble Fifth Ocean Survey
Bottom: Hard ☐ Soft ☐ Unknown

✓RS 2/14 ✓

1993 Name: BISHOP, KOSCHMANN, SCHIZASS Page: _____

Hippoglossus stenolepis

CTD Samples

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

C Dump # C 2 0 0 0 8 Date: 9 3 1 1 0 4 Time: 1 5 0 7 1 0 ~~17:06~~
Cast c 0 5 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 8 4 9 2 UTMY: 6 5 0 7 5 3 5 Time: 1 5 0 9 1 1
hi height: 474cm lo height: 25cm
Depth Mt: 3 6 7 . 0 Depth Ft: Depth Fa: .
time since/to hi: +81 lo: -335 Surface Temp (C): 0 5 . 1
Comments: N Drake SW Tlingit Station # 5 Fifth Ocean Survey Bottom: Hard ☐ Soft ☐ Unknown ☐

C Dump # C 2 0 0 0 8 Date: 9 3 1 1 0 4 Time: 1 5 5 9 4 2 ~~17:59~~
Cast c 0 6 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 2 1 8 6 5 UTMY: 6 5 1 3 7 4 3 Time: 1 6 0 2 0 2
hi height: 489cm lo height: 25cm
Depth Mt: 2 9 9 . 0 Depth Ft: Depth Fa: .
time since/to hi: +130 lo: -282 Surface Temp (C): 0 5 . 1
Comments: E of Hugh Miller Inlet Station # 6 Fifth Ocean Survey Bottom: Hard ☐ Soft ☐ Unknown ☐

C Dump # C 2 0 0 0 8 Date: 9 3 1 1 0 5 Time: 0 9 4 8 4 0 ~~11:48~~
Cast c 0 7 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 8 4 1 5 4 UTMY: 6 5 4 5 4 0 8 Time: 0 9 5 1 0 3
hi height: 462cm lo height: 171cm
Depth Mt: 2 8 6 . 0 Depth Ft: Depth Fa: .
time since/to hi: -291 lo: +59 Surface Temp (C): 1 3 . 6
Comments: N. Blue House W of Tidal Head of Tarr Inlet. Station # 12 Fifth Ocean Survey Bottom: Hard ☐ Soft ☐ Unknown ☐

C Dump # C 2 0 0 0 8 Date: 9 3 1 1 0 5 Time: [illegible] ~~17:05~~ 1 1 0 5 3 4
Cast c 0 8 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 8 9 9 2 4 UTMY: 6 5 3 8 1 3 0 Time: 1 1 0 7 3 0
hi height: 462cm lo height: 171cm
Depth Mt: 3 3 8 . 0 Depth Ft: Depth Fa: .
time since/to hi: -214 lo: +136 Surface Temp (C): 0 4 . 9
Comments: Fifth Ocean Survey Station # 11 Tarr Inlet Bottom: Hard ☐ Soft ☐ Unknown ☐

C Dump # C 2 0 0 0 8 Date: 9 3 1 1 0 5 Time: 1 1 5 6 0 4
Cast c 0 9 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 3 9 4 0 5 2 UTMY: 6 5 2 9 8 5 2 Time: 1 1 5 9 4 1
hi height: 462cm lo height: 171cm
Depth Mt: 3 8 0 . 0 Depth Ft: Depth Fa: .
time since/to hi: -164 lo: +191 Surface Temp (C): 0 3 . 0
Comments: Fifth Ocean Survey Station # 10 S of Russell Bottom: Hard ☐ Soft ☐ Unknown ☐

Oceanography Stations, UTM

*	WPT#	UTMX	UTMY	
0	950	448751	6465203	Icy St
1	951	441864	6474857	Mth GBA
2	952	438688	6483536	Sitakaday
3	953	438055	6492640	SE Willoughby
4	954	435293	6501502	S.Dk - N.Mbl
5	955	428536	6507560	N.Dk - SW Tlingit
6	956	421803	6513815	E. Hugh Miller
7	657	414893	6519808	N. Blue Mouse
8	658	408104	6525905	S. Reids
9	659	399932	6529729	E. S. Russell
10	660	393984	6530073	S of Russell
11	661	389799	6538268	Tarr
12	662	384162	6545305	Head of Tarr
13	663	435541	6510592	SE Tlingit
14	664	435939	6517175	Muir sill
15	665	436175	6519770	W. Muir Pt
16	666	436996	6528759	E. Hunter
17	667	434649	6537615	E. Westerhl
18	668	432018	6546014	S. Riggs
19	669	423366	6548591	Muir
20	670	~~421442~~	~~6550223~~	Head Muir
		~~421~~ 421442	6550223	

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VRS 3/14 ✓

1992 | Name: BISHOP, KOSCHMANN, SCHIZAS | Page: _____

Hippoglossus stenolepis

CTD Samples

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

C Dump # C 20008 Date: 931105 Time: 132158 (+5:27)
Cast c 10 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 408277 UTMY: 6525872 Time: 132417
hi height: 462cm lo height: 171cm
Depth Mt: 425.0 Depth Ft: Depth Fa: .
time since/to hi: -250 lo: +105
Surface Temp (C): 04.3
Comments: ~~Entrance~~ S. Russell Island Reader #9 Station # ~~#~~ 7 Fifth Ocean hose to cond cell disconnected
Bottom: Hard ☐ Soft ☐ Unknown ☐

C Dump # C 20008 Date: 931105 Time: 141031 (+6:10)
Cast c 11 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 414934 UTMY: 6519732 Time: 141249
hi height: 462cm lo height: 171cm
Depth Mt: 432.0 Depth Ft: Depth Fa: . 5.3°C
time since/to hi: -299 lo: +56
Surface Temp (C): ~~5.3~~
Comments: ~~S. of London Inlet~~ N Blue Mouse Station # ~~#~~ 7 Fifth Ocean Sm hose to cond cell disconnect
Bottom: Hard ☐ Soft ☐ Unknown ☐

C Dump # C 20008 Date: 931105 Time: 154931
Cast c 12 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: UTMY: Time:
lost cannon ball
Depth Mt: 147.0 Depth Ft: Depth Fa: .
Surface Temp (C): 5.5
Comments: Tlingit Pt ~~Host Host~~ Station # ~~#~~ 13 N Blue Mouse
Bottom: Hard ☐ Soft ☐ Unknown ☐

C Dump # C 20008 Date: 931105 Time: 155533 (+7:55)
Cast c 13 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435653 UTMY: 6510347 Time: 155717
hi height: 447cm lo height: 50cm
Depth Mt: 146. Depth Ft: Depth Fa: .
time since/to hi: +80 lo: -338
Surface Temp (C): 5.7
Comments: Fifth Ocean Survey Station # 13 Tlingit Pt
Bottom: Hard ☐ Soft ☐ Unknown ☐

C Dump # C 20008 Date: 931105 Time: 095730 (+11:57)
Cast c 14 Other Sampling:
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 421420 UTMY: 6550273 Time: 095913
hi height: 436cm lo height: 182cm
Depth Mt: 177.0 Depth Ft: Depth Fa: .
time since/to hi: -348 lo: +1
Surface Temp (C): 4.3
Comments: Fifth Ocean Survey Station # 20 Head of Inn
Bottom: Hard ☐ Soft ☐ Unknown ☐

VRS 7/14 ✓

1992 Name: BISHOP, KOSCHMANN, SCHIZAS Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 20008 Date: 931106 Time: 103558
Cast c 15 Other Sampling: +2:35
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 423433 UTMY: 6548516 Time: 103857
hi height: 436cm lo height: 182cm
Depth Mt: 203. Depth Ft: Depth Fa:
time since/to hi: -310 lo: +39 Surface Temp (C): 3.5
Comments: Fifth oceanog survey Station #9 Muir Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20008 Date: 931106 Time: 112220
Cast c 16 Other Sampling: +3:22
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 432126 UTMY: 6546001 Time: 112408
hi height: 436 lo height: 182 cm
Depth Mt: 214.0 Depth Ft: Depth Fa:
time since/to hi: -263 lo: +86 Surface Temp (C): 3.8
Comments: Fifth oceanog Survey Station #18 S. Riggs Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20008 Date: 931106 Time: 120447
Cast c 17 Other Sampling: +4:24
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 434712 UTMY: 6537531 Time: 120733
hi height: 436 cm lo height: 182
Depth Mt: 212.0 Depth Ft: Depth Fa:
time since/to hi: -221 lo: +128 Surface Temp (C): 4.2
Comments: Fifth oceanog survey Station #17 E. Westphal Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20008 Date: 931106 Time: 125014
Cast c 18 Other Sampling: +4:50
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 437014 UTMY: 6528610 Time: 125314
hi height: 436 cm lo height: 182 cm
Depth Mt: 312.0 Depth Ft: Depth Fa:
time since/to hi: -175 lo: +174 Surface Temp (C): 4.2
Comments: Fifth oceanog survey Station # 16 E. Hunter Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20008 Date: 931106 Time: 141506
Cast c 19 Other Sampling: +6:44
Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 436098 UTMY: 6519640 Time: 141732
hi height: 436 cm lo height: 182 cm
Depth Mt: 115.0 Depth Ft: Depth Fa:
time since/to hi: -91 lo: +258 Surface Temp (C): 4.9
Comments: Fifth oceanog survey Station # 15 W. Muir Pt Bottom: Hard ☐ Soft ☐ Unknown

VRS 7/14 ✓

1992 Name: BISHOP, KOSCHMANN, SCHIEAS Page: _____

Hippoglossus stenolepis

CTD Samples

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

Dump # C 2 0 0 0 8 Date: 9 3 1 1 0 6 Time: 1 4 3 2 4 1

Cast C 2 0 Other Sampling: ~~10:32~~

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8

UTMX: 4 3 5 9 0 6 UTMY: 6 5 1 7 1 1 9 Time: 1 4 3 4 4 4

hi height: 436cm lo height: 182cm

Depth Mt: 8 0 . 0 Depth Ft: _____ Depth Fa: _____ . _____

time since/to hi: -47 lo: +276

Surface Temp (C): 5 . 8

Comments: Fifth Oceanog Survey Station #14 Muir Sill

Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # _____ Date: _____ Time: _____

Cast C _____ Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: _____

UTMX: _____ UTMY: _____ Time: _____

Depth Mt: _____ . _____ Depth Ft: _____ Depth Fa: _____ . _____

Surface Temp (C): _____ . _____

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

Dump # _____ Date: _____ Time: _____

Cast C _____ Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: _____

UTMX: _____ UTMY: _____ Time: _____

Depth Mt: _____ . _____ Depth Ft: _____ Depth Fa: _____ . _____

Surface Temp (C): _____ . _____

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

Dump # _____ Date: _____ Time: _____

Cast C _____ Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: _____

UTMX: _____ UTMY: _____ Time: _____

Depth Mt: _____ . _____ Depth Ft: _____ Depth Fa: _____ . _____

Surface Temp (C): _____ . _____

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

Dump # _____ Date: _____ Time: _____

Cast C _____ Other Sampling:

Sample #: Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: _____

UTMX: _____ UTMY: _____ Time: _____

Depth Mt: _____ . _____ Depth Ft: _____ Depth Fa: _____ . _____

Surface Temp (C): _____ . _____

Comments:

Bottom: Hard ☐ Soft ☐ Unknown

✓RS 2/14 ✓

.993 Name: BISHOP, KOSCHMANN, SHARMAN Page: ____

CTD Samples

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

times 2 hrs off - RS

Dump # C 20009 Date: 9 3 1 2 0 1 Time Instrument on 0 8 4 2 22
Cast #: c 0 0 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 4 8 8 7 5 UTMY: 6 4 6 5 0 8 1 Time of Position 0 8 4 4 0 0
hi height: 415 cm lo height: 125 cm
Depth Mt: 5 5 7 Depth Ft : Depth Fa: . Surface Temp (C): 1 4 . 4
time since /to hi: -287 lo: +60
Comments: Station #0 Icy St Mth GLBA
December Deaang Survey
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20009 Date: 9 3 1 2 0 1 Time Instrument on 0 9 3 6 53
Cast #: c 0 1 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 4 1 8 9 0 UTMY: 6 4 7 4 9 2 5 Time of Position 0 9 4 0 3 7
hi height: 489 cm lo height: 112 cm
Depth Mt: 6 2 . 1 Depth Ft : Depth Fa: . Surface Temp (C): 5 . 0
time since /to hi: -266 lo: +92
Comments: Station # 1 mth GLBA
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20009 Date: 9 3 1 2 0 1 Time Instrument on 1 0 1 5 11
Cast #: c 0 2 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 8 6 3 7 UTMY: 6 4 8 3 6 9 9 Time of Position 1 0 1 7 4 7
hi height: 489 cm lo height: 112 cm
Depth Mt: 9 3 . 5 Depth Ft : Depth Fa: . Surface Temp (C): 4 . 9
time since /to hi: -227 lo: +131
Comments: Station # 2 Sitakaday
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20009 Date: 9 3 1 2 0 1 Time Instrument on 1 0 5 3 44
Cast #: c 0 3 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 8 0 4 8 UTMY: 6 4 9 2 7 0 7 Time of Position 1 0 5 6 0 6
hi height: 531 cm lo height: 115 cm
Depth Mt: 1 1 2 . 0 Depth Ft : Depth Fa: . Surface Temp (C): 4 . 8
time since /to hi: -202 lo: +145
Comments: Station # 3
S Willoughby
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20009 Date: 9 3 1 2 0 1 Time Instrument on 1 1 3 8 06
Cast #: c 0 4 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 4 3 5 3 6 3 UTMY: 6 5 0 1 4 6 7 Time of Position 1 1 4 0 3 2
hi height: 531 cm lo height: 115 cm
Depth Mt: 2 9 6 . 0 Depth Ft : Depth Fa: . Surface Temp (C): 5 . 0
time since /to hi: -152 lo: +190
Comments: Station #4
E Darke N Marble
Bottom: Hard ☐ Soft ☐ Unknown

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993 Name: KOSCHMANN, SHARMAN, BISHOP Page: _____

CTD Samples

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

Dump # C 20009 Date: 931209 Time Instrument on 123151
Cast #: C 05 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 428538 UTMY: 6507546 Time of Position 123437
hi height: 531cm lo height: 115cm
Depth Mt: 365.0 Depth Ft: Depth Fa: .
time since/to hi: -104 lo: +243 Surface Temp (C): 4.7
Comments: Station #5 N. Dvk SW Tlingit
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20009 Date: 931201 Time Instrument on 132722
Cast #: C 06 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 421835 UTMY: 6513812 Time of Position 132939
hi height: 546cm lo height: 115cm
Depth Mt: 279.0 Depth Ft: Depth Fa: .
time since/to hi: -52 lo: +298 Surface Temp (C): 4.2
Comments: Station #6 E of Hugh Miller Inlet
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20009 Date: 931201 Time Instrument on 142316
Cast #: C 07 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 414868 UTMY: 6519684 Time of Position 142644
hi height: 546 lo height: -45
Depth Mt: 435.0 Depth Ft: Depth Fa: .
time since/to hi: +4 lo: -340 Surface Temp (C): 3.8
Comments: Station #7 N. Blue Mouse W. Tidal
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20009 Date: 931202 Time Instrument on 101417
Cast #: C 08 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 384124 UTMY: 6545253 Time of Position 101712
hi height: 533 lo height: 120cm
Depth Mt: 288.0 Depth Ft: Depth Fa: .
time since/to hi: -281 lo: +66 Surface Temp (C): 2.0
Comments: Station #12 Head of Jam Inlet
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20009 Date: 931202 Time Instrument on 112358
Cast #: C 09 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 389784 UTMY: 6538270 Time of Position 112647
hi height: 533 lo height: 120 cm
Depth Mt: 339.0 Depth Ft: Depth Fa: .
time since/to hi: -214 lo: +135 Surface Temp (C): 2.1
Comments: Station #11 Jam Inlet
Bottom: Hard ☐ Soft ☐ Unknown

✓ RS 2/14 ✓

.993 Name: Bishop Shannan Koschmann Page: _____

CTD Samples

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

Dump # C20009 Date: 931202 Time Instrument on 122810
Cast #: C10 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 394071 UTMY: 6529921 Time of Position 123235
hi height: 533cm lo height: 120cm
Depth Mt: 382.0 Depth Ft: Depth Fa: .
time since/to: hi: -149 lo: +200
Surface Temp (C): 1.0
Comments: Station #10 S. of Russell I
Snow on water surface
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C20009 Date: 931202 Time Instrument on 131257
Cast #: C11 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 400006 UTMY: 6529767 Time of Position 131456
hi height: 533cm lo height: 120cm
Depth Mt: 379.0 Depth Ft: Depth Fa: .
time since/to hi: -105 lo: +244
Surface Temp (C): -0.5
Comments: Station #9 E. of S. Russell I
Snow on surface
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C20009 Date: 931202 Time Instrument on 140308
Cast #: C12 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 408117 UTMY: 6525906 Time of Position 140532
hi height: 533 lo height: 120
Depth Mt: 428.0 Depth Ft: Depth Fa: .
time since/to hi: -54 lo: +295
Surface Temp (C): 0.5
Comments: Station #8 S. of Rendu
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C20009 Date: 931202 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: Station #13 SE Tlingit Pt
NW Sturgess
Bottom: Hard ☐ Soft ☐ Unknown

Dump # C20009 Date: 931202 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: Station #14 Muir Sill
Bottom: Hard ☐ Soft ☐ Unknown

✓ RS 2/14 ✓

.993 Name: Bishop Koschmann, Sharman Page: _____

CTD Samples

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

Dump # C 20009 Date: 931203 Time Instrument on 102607
Cast #: c 13 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 424460 UTMY: 6548175 Time of Position 102810
hi height: 512 cm lo height: 128 cm
Depth Mt: 240.0 Depth Ft: Depth Fa: .
time since/to hi: -314 lo: +33 Surface Temp (C): 0.5
Comments: Near Station # 19 0.6 nm away
surrounded by pan ice flotilla Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 20009 Date: 931203 Time Instrument on 114440
Cast #: c 14 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 432110 UTMY: 6546023 Time of Position 114743
hi height: 512 cm lo height: 128 cm
Depth Mt: 215.0 Depth Ft: Depth Fa: .
time since/to hi: -236 lo: +111 Surface Temp (C): 2.7
Comments: Station # 18 SW Ring N McBride
No immed adjacent surface ice Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20009 Date: 931203 Time Instrument on 123143
Cast #: c 15 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 434708 UTMY: 6537577 Time of Position 123555
hi height: 512 lo height: 128 cm
Depth Mt: 213.0 Depth Ft: Depth Fa: .
time since/to hi: -189 lo: +158 Surface Temp (C): 3.6
Comments: Station # 17 E of Westdahl Pt. Wire angle: 0°
Max smart block reading: 188 m Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20009 Date: 931203 Time Instrument on 132011
Cast #: c 16 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 436993 UTMY: 6528814 Time of Position 132254
hi height: 512 cm lo height: 128 cm
Depth Mt: 315.0 Depth Ft: Depth Fa: .
time since/to hi: -140 lo: +207 Surface Temp (C): 3.2
Comments: Station # 16 E. of Hunter Cove Wire angle: 0°
Max smart block: 250 meters Bottom: Hard ☐ Soft ☐ Unknown

Dump # C 20009 Date: 931203 Time Instrument on 141117
Cast #: c 17 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 436162 UTMY: 6519774 Time of Position 141240
hi height: 512 cm lo height: 128 cm
Depth Mt: 118.0 Depth Ft: Depth Fa: .
time since/to hi: +89 lo: -258 Surface Temp (C): 4.2
Comments: Station # 15 W. of Muir Pt.
Max smart block: 105 m 15-20° Bottom: Hard ☐ Soft ☐ Unknown

VAS 7/14

.993 Name: Sharman, Koschmann, Bishop Page: _____

CTD Samples

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

Dump # C 200109 Date: 931203 Time Instrument on 1430 46
Cast #: C 18 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: 435964 UTMY: 6517133 Time of Position 143207
hi height: 512 cm lo height: 128 cm
Depth Mt: 82.1 Depth Ft: ___ Depth Fa: ___.☐
time since /to hi: +70 lo: -278
Surface Temp (C): 4.8
Comments: Station # 14 Muir Sill
Max smart block: 75 m 0-5° wire
Bottom: Hard ☐ Soft ☐ Unknown ☐

Dump # C 200209 Date: 931203 Time Instrument on ____
Cast #: C 19 Other Sampling:
Sonic ☐ Bottom ☐ Trawl ☐ Longline ☐ Zone: 8
UTMX: ____ UTMY: ____ Time of Position ____
Depth Mt: ___.☐ Depth Ft: ___ Depth Fa: ___.☐
Surface Temp (C): ___.☐
Comments: Station # 13 SE of Flingit Pt NW Sturgis
Max smart block:
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 ☐