

Hyd 2247

Ind. 3452-3472

615 Turns., Correction 17.

Tanner Reel.

Turns.	Cor ⁿ	
100 -	0	Correct in
150 -	1	same manner
200 -	2	as for Sigbee
250 -	3	
300 -	4	
350 -	5	
375 -	6	
400 -	7	
425 -	8	
450 -	9	
475 -	10	
500 -	11	30 turns - + 1
525 -	12	30 to 50 - + 2
550 -	13	50 to 80 + 3
560	14	
565	14	
580	15	
600	16	
615	17	

55
560

560
 277

615
 277
590

560
 277
590

277

Begus
Dredge No 3452

Hydro No 2647
Ends

Dredge No

Hydro No

560 8 14
30 12
530

570 615
134 47
426
4 568

570
57
509

560
364
295

615

615
144
571

560
56
504

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3452 *55* Date August 29th 91
 Tanner Machine. — Reel. —

Turns 119 Cor. + 6 Depth 125 fms

Shot or lead 26 lb

Bottom *shy bk g.*

Bottom temperature 44.5

No. of thermometer 69476 Cor. —

Corrected temperature 44.5

Air 57° Surface 53° Drift *1 mile S. & S.*

Trawl or dredge *L. 10*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11 41.35	44 10	0	11.57.00	28.30
42 25	43 40	100	12.03.00	25.15
42 10	43 10	200	16.30	22.15
		300	10.00	12.19.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Mr. Merwin left ship with dory and
 collection boat to set trawl line at
 12.30 - returning at 3.15 -*

*Caught - 14 Black Cod
 Maximum weight 20 lbs
 Average weight 12 1/2 lbs*

*Both used as buoys on ends
 and of the trawl line*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2 Sebastolobus
 7 Aulethon, 1 Astrophyton
 2 doz. unclim., 1 pint prawns
 few brachiopods, peat & other shells.
 Echinurus, 2 sp. stars.

107.
A.P.

No. 3453 Dr. Date August 29/9
 Sigsbee Machine. Reel.

Turns 114 Cor. + 6 Depth 120

Shot or lead 26 lbs

Bottom gy S. bk. sp.

Bottom temperature 44.4

No. of thermometer 69476 Cor. -

Corrected temperature 44.4

Air 61° Surface 57° Drift

Trawl or dredge S.B. 1 1/2 m E.N.E.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.W. 4-46-0	49-0	0	4-51-0	36-0
47-0	4-48-0	100	55-0	30-0
		200	59-0	30-0
		300	5.00-0	5-27-0
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:
 1 *Atheresthes stoumias*
 2 *Sebastodes* (like *piningeri*) *lineatus*
 6 shells - 2 species
 peak red prawns
 " ophiurans,
 1 holothurian
 1/2 doz shells

No. 2647 Hyd^{no}. Date September 1st 91
 Tanner Machine. - Reel. -

Turns 69 Cor. + 5 Depth 74 fms

Shot or lead 26 lbs.

Bottom R.

Bottom temperature 45²

No. of thermometer 69476 Cor. -

Corrected temperature 45²

Air 53 Surface 52 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6 22.30	6.23.30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

At 6¹⁵ lowered dory and flat boat, to set
 trawl, Mr. Alexander in charge, returning
 at 8:40 AM. Caught 1 Salmon.

Set one Cod trawl, morning each end
 by a boat in addition to the usual trawls.

Strong tide - short rocky bottom -
 anchors dragged - most of bait, washed
 off.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1407

No. 3454 Jr. Date Sept 1st 1891.
 Tanner Machine. - Reel.

Turns 146 Cor. + 6 Depth 152 fms.

Shot or lead 26 lbs.

Bottom gy. S. & Rky.

Bottom temperature 44.2

No. of thermometer 69476 Cor. -

Corrected temperature 44.2

Air 58° Surface 54° Drift 1/4 Knot N. W. & E.

Trawl or dredge L.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.32.00	36.00	0	9.51.30	18.00
33.00	34.30	100	55.00	15.00
33.30	9.33.40.	200	59.00	12.30
		300	10.02.15	10.00
		350		
		400	04.00	10.08.00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mr. Alexander with my flat boat left the ship at 9:30 to set trawl lines. Returned at 11:30, having set & hauled one cod

trawl, and caught: 1 Red Banded Rock Fish (O. melanostegus) 8 lbs. and 2 Black Cod - 22 & 23 lbs. respectively and 7 dog fish.

Rocky bottom and rather strong tide - but expert thinks very few fish at that place. Very few trawls lost.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:
Caught on rocks on bottom, and
Bridle stops carried away and
trawl upset.

2 detritophytes 2 Brachiopods.
4 Echinoids - 1 pint Prawns (scr' eps.)
2 sps. Crabs; 2 sps. Mollusks.
few Ophiurans - 1 Pycnospodia.

1709.
507.

No. 3455 D. Date Sept: 1st 1891.
Tanner Machine. Reel.

Turns 146 Cor. + 6 Depth 152 fms.

Shot or lead 26 lbs.

Bottom gy. s. Rky.

Bottom temperature 44.3

No. of thermometer 69476 Cor. -

Corrected temperature 44.3

Air 59° Surface 54° Drift 1/2 m. N x 21

Trawl or dredge L. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.38.00	10.40.00	0	10.39.30	15.00
		100	43.15	11.30
		200	47.00	08.30
		300	50.30	05.00
		350		
		400	52.00	11.03.00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1 qt. Larval Prawns.

No. *3456* Dt. Date *September 1/91.*

Canver Machine. Reel.

Turns *130* Cor. + *6* Depth *136*

Shot or lead *56 lbs.*

Bottom *gy. S*

Bottom temperature *44.2*

No. of thermometer *69476* Cor. *-*

Corrected temperature *44.2*

Air *59°* Surface *55°* Drift *1 m. W. or N.*

Trawl or dredge *Large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-02-0</i>	<i>07-0</i>	<i>0</i>	<i>12-45-0</i>	<i>34-0</i>
<i>03-30</i>		<i>100</i>	<i>49-0</i>	<i>31-0</i>
<i>04-0</i>	<i>12-05-0</i>	<i>120</i>	<i>53-0</i>	<i>29-0</i>
		<i>200</i>	<i>57-0</i>	<i>25-0</i>
		<i>300</i>	<i>59-0</i>	<i>1-22-0</i>
		<i>360</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

Older 2 1/2 seconds with dry. Left - Dip at 12:07 to get trawl down. remaining at 12:30. Caught 2 Bek food -

1 Cod trawl -

No particular reasons why fish

should not have been caught, had they been there, as the baits were less disturbed.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		8 - Red	Rock -	
50	Black Cord	22 -		
100		23 -		
200				
300				
400				
500				
600				
700				
800				
900				
1000		1 Green Cord	29 lbs	

REMARKS:

Fishes
Astherothus stovias 9
Microstomus pacificus 6 flounders
Glyptocephalus zachirus 3
Chimaera colliei 10
 skulls 2
 Red prawns 1 pk, few skulls
 Isopods starfish

J. E. B.

No. *457* Date *September 1/9,*
Summer Machine. Reel.

Turns *135* Cor. + *7* Depth *142*

Shot or lead *36 lbs.*

Bottom *gy. S.*

Bottom temperature *44.2*

No. of thermometer *69476* Cor. -

Corrected temperature *44.2* *7/10 knot*

Air *63°* Surface *52°* Drift *S. + W.*

Trawl or dredge *Large Beau.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-30-0</i>	<i>34-20</i>	0	<i>3-58-0</i>	<i>43.35</i>
<i>31-0</i>		100	<i>4.02.00</i>	<i>40.00</i>
<i>31-30</i>	<i>3-32-0</i>	200	<i>06.15</i>	<i>37.00</i>
		300	<i>15.10</i>	<i>4.33.00</i>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Drift to East Bow - 1/4 mile ship to
 get trawl to Cal. Box
 In at 5.13. Cal. Box 1 dog fish*

Smooth barren bottom - No fish there

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1 Quart Red Prawns Few Shells
 1/2 bu Small Serpent Stars
 3 skales
 1 dog fish
 1. *Atheresthes Flounder.*
 1 Pc Sea Urchins

1708.
507.
449.

No. 3458 Dr. Date Sept 2^d 1891.
Sanner Machine. - Reel.

Turns 109 Cor. + 6 Depth 115 fms.

Shot or lead 26 lbs.

Bottom dk. s. sh. stones

Bottom temperature -

No. of thermometer 69476 Cor. -

Corrected temperature -

Air 57° Surface 57° Drift 1/4 in 'N

Trawl or dredge L. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.30.00	34.00	0	7.46.00	30 - 0
31.15	32.40	100	52.00	27 - 0
31.40	7.31.50	200	56.30	8-24-0
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mr. Alexander left ship with dory and flat-boat to set trawls at 7.30 - returned at 8.05 having hauled & set on cork trawl and caught nothing.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Sea Urchins 4
 1 yd. Prawns
 Star fishes
 Brachiopods
 1/2 doz shells
 Larynoids
 4 small fish

No. *3459* Date *September 2/91*
Tanner Machine. Reel.

Turns *117* Cor. + *6* Depth *123*
Shot or lead *36 lbs.*
Bottom *gy s v p*
Bottom temperature *44.5*
No. of thermometer *69476* Cor. -
Corrected temperature *44.5* *1/2 mile*
Air *59* Surface *53* Drift *N. x E.*
Trawl or dredge *Large Ryan*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-30-0</i>	<i>35-0</i>	0	<i>9-50-0</i>	<i>19.00</i>
<i>32-0</i>	<i>9-33-0</i>	100	<i>53.00</i>	<i>14.30</i>
		200	<i>56.00</i>	<i>12.00</i>
		300	<i>10.00.0</i>	<i>09.30</i>
		<i>350</i>		
		400	<i>02.0</i>	<i>10.08.00</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*At 9.40 all the under light - check with
at my and Dec. But set to auto.
net & ship at 10.15 am. Caught 1 dog fish.*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1 Sebastodis - 1 Liparis.
 Net upset & tangled from jumping over rocks.
 1/2 pk. Red Prawns - 2 (2 sps) Starfish.
 1/2 pk. Mollusks - 1/2 pt. Brachiopods.
 few ophiurans - 1 Crinoid -
 few shells -

J. C. P.
1897.

No. *2648* *Day* ^{no} Date *September 2^d 97*

Tanner Machine. Reel. Turns *88* Cor. + *5* Depth *93 fms*

Shot or lead *26 lbs*

Bottom *Sand P.*

Bottom temperature *44⁵*

No. of thermometer *69476* Cor. -

Corrected temperature *44⁵*

Air *59* Surface *53* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.17.10</i>	<i>12.20.00</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
		1500		
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		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

615
90
525

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

E. B.
1897.

No. 3460 *Dr* Date *Sept 2^d 1897*
 Sanner Machine. Reel.

Turns 49 Cor. + + Depth 53 fms

Shot or lead 26 lbs.

Bottom gy. s.

Bottom temperature 46⁸.

No. of thermometer 69476 Cor. -

Corrected temperature 46⁸.

Air 59 Surface 53 Drift 2' N 6 x E

Trawl or dredge Large Beam

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i> 12.47.30	<i>P.M.</i> 12.50.00	0	12.53.20	20.00
		100	56.55	16.10
		200	59.00	1.14.15
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

At 12.25 Mi Alexander left ship in day and
 set trawls (the Cod trawl) -
 returned at 2.34 -

Catch: 4 Sea Penn
 1 Sea Mouse
 1 Naked Mollusk

2500
2600
2700
2800
2900
3000
3100
3200
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3700
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3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				2 sp. starfish Several shells, few prawns
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Fishes:

- 1 young halibut (*Hippoglossoides*)
 - 1 *Microstomus pacificus*
 - 3 *Parophrys retulus*
 - 6 *Glyptocephalus gastricus*
 - 5 *Citharichthys sordidus*
 - 1 skate. 12 cod-young.
- } flounders

183

No. 2650 *Hay* Date *Sept 2^d. 1891*

Tanner Machine. Reel.

Turns *41* Cor. + *3* Depth *44 fms*

Shot or lead *26 lbs*

Bottom *gy S*

Bottom temperature *47°*

No. of thermometer *69476* Cor. -

Corrected temperature *47°*

Air *60* Surface *54* Drift

Trawl or dredge

pm
Cast 5 handlines over Port side for 2 min
Catch Nil.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.35.50</i>	<i>1.38.00</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

107.

No. 3461 *W.S.* Date Sept 2^d 91
Tanner Machine. Reel.

Turns 108 Cor. + 6 Depth 114 fms

Shot or lead 26 lbs.

Bottom gy. S. G. + Rks

Bottom temperature 44

No. of thermometer 69476 Cor. -

Corrected temperature 44.4 1/2 mile East.

Air 60 Surface 54 Drift

Trawl or dredge Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
3. 36. 00	39. 00	0	3. 40. 45	10. 30
37. 00	37. 45	100	45. 15	07. 30
		200	49. 00	05. 00
		300	52. 50	4:03:00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mr Alexander left the ship at 3.37. and set water, returning at 5.15 (set trawls. (1 Cod)

Catch "Nothing"

Weights at each end ran under, coming

to the spring tide, and burst.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Fishes:

2 *Microstomus pacificus*
2 doz. small *Liparis*
few " *Agonidae*

few *Branchiopoda*
1 bu. *Urelians*, 100 *Crinoids*,
few *Aphirans*, half pk. *Praxinos*
6 sp. shells

No. 2651 Hy Date September 3/91

Tanner Machine. Reel.

Turns, 60 Cor. + 4 Depth 64

Shot or lead 36 lbs

Bottom S + P

Bottom temperature 45°

No. of thermometer 69476 Cor. -

Corrected temperature 45°

Air 52° Surface 50° Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6-26-0

38-0

0

27-0

6-27-30

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

At 6:34 Tory and 4:10 Boat pulled up
 set trawls - need to ship at 8:12 A.M.

3 dog fish Caught. (set 1 Cod trawl)

Moved each end by a boat. as tide was
 too strong for floats.

The particular reason for fish not being

caught as the baits were not decorated.

Sides running very strong

Trawl ~~bottom~~ contained 200 herring bait

with herring and candlefish

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2652 Key Date September 3^d 1891
 Tanner Machine. Reel.

Turns 90 Cor. + 5 Depth 95 fms

Shot or lead 26 lb

Bottom Rky.

Bottom temperature 44.4

No. of thermometer 69476 Cor. -

Corrected temperature 44.4

Air 56 Surface 57 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 20. 25	24. 50	0		
22. 35	9. 22 40	90		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mr. Alexander & ship like dog, with flat boat
 at 9.27 and set trawl
 Returned at 11 04
 having caught 2 dog fish

(1 Cod trawl) 200 hooks bait with herring
 and candle fish
 No particular reason for fish not

being caught as bait never disturbed
 and fishes not so strong as to render trawling
 really impracticable, although each end was
 moved by a boat.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3462 Dr. Date Sept. 3rd 1891.

Tanner Machine. Reel.

Turns 87 Cor. + 5 Depth 92 fms.

Shot or lead 26 lbs.

Bottom dk. s. Rky.

Bottom temperature 44.8

No. of thermometer 69476 Cor. -

Corrected temperature 44.8

Air 59° Surface 53° Drift 1/2 mile N.E.

Trawl or dredge L. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.38.00	40.40	0	12.48.00	13.00
39.00	12.39.10	100	52.00	10.00
		200	56.00	07.00
		300	57.45	05.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mr. Alexander with dory and flat-boat at 12:40 Pm. to set trawls lines. Returned at 3:15 having set & hauled one cod trawl, and caught: 5 small dog fish.

Moored each end of line ~~to~~ to a boat.

Currents being too strong for the use of small trawls. Poor ground - evidently no fish there, as a couple of worms & anemones came up. The rest of the boats being untouched.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1 ~~new red sp.~~ *Seracodes* - eps?
 1 Cod fish. 1 *Chinara eslei*.
 2 qts. *Mehis*. 1 Star. 1 *Natal Mellmark*
 1 pint *Pecten* - five large Prawns.
 small crab - 1 *Liparis*.

No. *3463* Date *September 14/91*

Tanner *Machine.* Reel.

Turns *43* Cor. + *2* Depth *45 fathoms,*

Shot or lead *26 lbs.*

Bottom *gy. S.*

Bottom temperature *47.8*

No. of thermometer *69476* Cor. -

Corrected temperature *47.8*

Air *56°* Surface *52°* Drift *1/2 m N. W.*

Trawl or dredge *Large Beam.*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>9-50-0</i>	<i>9-51-30</i>	<i>0</i>	<i>9-53-0</i>	<i>20-0</i>
		<i>100</i>	<i>56-0</i>	<i>10-14-0</i>
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

	2500'	Mr. Townsend
Mr. Alexander	2600	fishing party
Fishing party	2700	Sept-4/91
got. Sept-4/91	2800	
fishing	2900	
Peninsula	3000	
	3100	
Sculpin	3200	
Salmon Trout	3300	
Eels	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hermit Crabs
 Octopus

Small of one very poor.

No. 3464 Sr. Date September 4/91.

Anchor Machine. Reel.

Turns 34 Cor. + 2 Depth 40 fms.

Shot or lead 26 lbs

Bottom gy S + O

Bottom temperature 47.8

No. of thermometer 69476 Cor. -

Corrected temperature 47.8

Air 61° Surface 55° Drift 1/4 m. 1/4 N.

Trawl or dredge Large Beam.

SOUNDING WIRE. DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
11-0-0	11-02-0	0	11-03-0	16-0
		100	07-0	11-12-0
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put the fishing lines on ship's side
no mussels
Caught = nothing.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Shrimp - 1 quart
 few brachiopods & other shells.
 few small fishes, mostly young
 sculpins. 1 crinoid
 pick Pectus few radians
 2 sp. stars, hydroids, sponges

J. B.
107.

No. 2653 No. of Date Sept 4th 1891
Tanner Machine. Reel.

Turns 51 Cor. + 4 Depth 55 fms

~~Shot~~ or lead 26 lb

Bottom gy S. G. & Sh.

Bottom temperature 48.2

No. of thermometer 69476 Cor. -

Corrected temperature 48.2

Air 62 Surface 55 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.10.50	11.40	0		
11.10	12.11.13	100 ⁵⁰		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put 7 handlines over at 12.14
 In at 12.32
 Catch: Nothing as lines could not reach
 bottom on account of tide

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2654 Key Date Sept 4 1891

Tanner Machine. Reel.

Turns 18 Cor. + 1 Depth 19 fms

Shot or lead 26 lbs

Bottom Rky

Bottom temperature 53.5

No. of thermometer 69476 Cor. -

Corrected temperature 53.5

Air 59 Surface 58 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.03.15	1.04.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put on 7 hauls at 1.05
 In at 1.15
 Catch. Nothing

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P. B. 107

No. 3465⁰² Date Sept 4th 1891

Tanner Machine. Reel.

Turns 44 Cor. + 4 Depth 48 fms

Shot or lead 26 lbs

Bottom Rky.

Bottom temperature 49.9

No. of thermometer 69476 Cor. -

Corrected temperature 49.9

Air 59 Surface 55 Drift 1/4 N 1/2 W (long)

Trawl ~~or dredge~~ Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1. 36.00

1 57.00

0

2. 20.00

34. 45

100

23. 30

31 10

120

24. 10

2. 30. 40

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Put y haul down over at 1st Otter and
 In at 2. 15
 Caught nothing as we deepened the water.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

3 Rhynchocoelus.
1 Cuttle Cod - 3 sps. Sculpins and
few other small fish.

REMARKS:

1 Peck Sea Urchin 2 Sea Anemones
1 Bushel Sponge few shells
5 Basket Stars - (Actinophytone)
1 Pint Shrimps 6 sps 2 sps Stars
1 Pt Crabs (3 sps)
2 Leydisids.

K.C. 1897.

No. 3466 *W.* Date *Sept 4th 1891.*

Tanner Machine. — Reel.

Turns 52 Cor. + 4 Depth 56 fms.

Shot or lead 26 lbs.

Bottom *gy. S. Sh. Rky.*

Bottom temperature 48.5

No. of thermometer 69476 Cor. —

Corrected temperature 48.5

Air 58° Surface 53° Drift *1/2 Knot South (mag)*

Trawl or dredge *Large beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.53.10</i>	<i>55.00</i>	0	<i>3.57.00</i>	<i>22.00</i>
<i>54.10</i>	<i>3.54.20</i>	100	<i>4.02.00</i>	<i>19.00</i>
		140	<i>02.30</i>	<i>4.17.30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700'
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS: 1 bu. *Uchirus* 2 *Flounders*.
 1 pk. *Pecten*. Shrimps. Hydroids.
 Shells with hermits &c.

Lat: Sw Cable *Sigsbee* Series

107.

H.C. 5.

No. 1 Survey Date Oct. 11 - 1891.

Sigsbee Machine. #1 Reel. *Kary.*

Turns 48 Cor. + 4 Depth 52 fms -

Shot or lead 35 lb.

Bottom fine. bk. s.

Bottom temperature 49° -

No. of thermometer 69 476 Cor. -

Corrected temperature 49°

Air 58° Surface 53° Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9. 48.45
50.00

52.00
9. 50.10

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat: *34° 67'*

Long: *119° 5'*

No. *3467* Date *Dec. 5, 1891*

Sigsbee Machine. *#1* Reel. *Taney*

Turns *284* Cor. + *26* Depth *310 fms*

Shot or lead *26 lbs.*

Bottom *fine wht. s. bk. sp.*

Bottom temperature *—*

No. of thermometer *—* Cor. *—*

Corrected temperature *—*

Air *75* Surface *76* Drift *2' E x S*

Trawl or dredge *Small beam*

Pne

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	<i>RM</i> UP.		DOWN.	<i>RM</i> UP.
<i>1.58.40</i>	<i>07.30</i>	0	<i>2.09.00</i>	<i>31.15</i>
<i>2.00.30</i>	<i>06.30</i>	100	<i>14.10</i>	<i>28.00</i>
<i>02.15</i>	<i>05.50</i>	200	<i>17.40</i>	<i>25.15</i>
<i>04.00</i>	<i>2.05.10</i>	300	<i>20.55</i>	<i>22.30</i>
		400	<i>24.15</i>	<i>19.35</i>
		500	<i>32.00</i>	<i>16.50</i>
		600	<i>37.50</i>	<i>13.20</i>
		700	<i>3.02.05</i>	<i>3.09.50</i>
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	4682
	3200	284
	3300	4398
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Survey # 305 -

REMARKS:

1 Pint of Shrimps - 2 sp.
 1/2 doz fish - 2 bat fish, *Macrurus*,
 3 shells, 1 small crustacean
 2 starfish - *Priscula* & *Ascidians*
 2 Alcyonarians, 1 *Bergouian*
 1 Pentastels - (blind crayfish)

Lat:
 507.

Long:

No. 3468 ~~57~~

Date Dec 7th 1891.

Hand _____ Machine. _____ Reel. _____

Turns _____ Cor. + _____ Depth 17 fms.

Shot or lead 14 lbs.

Bottom S. + Co.

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 75 Surface 76 Drift _____

Trawl or dredge _____ Tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-22-30	—	0	4-22-30	4, 33-70
		40	25-00	4-31-17
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

0

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700	Note - Same position as Survey No 274.			
800				
900				
1000				

REMARKS:

2 small med fishes
 5 " urclius
 3 " epliusans
 1/2 doz. " crabs,
 small piece coral.
 considerable bryozoa - fragile.

507.

Long:

No. 3469.5- Date Dec^r 3-1891

Sigsbee Machine. *1 Reel. Navy.

Turns 13 Cor. + 1 Depth 14 fms.

Shot or lead 38 lbs.

Bottom S. & Co.

Bottom temperature -

No. of thermometer - Cor. -

Corrected temperature -

Air 76 Surface 76 Drift -

Trawl or dredge - Tangle.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-15-00	5-16-00	0	5-17-30	30-00
		30	20-00	5-27-30
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100	Swing No -			311 -
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2 large masses coral
1 starfish 1 ophiuran
2 shells.
Algae bryozoa

Lat B
507.

Long:

No. 3470 *Dr* Date December 4th 1891
Machine. *1 Reel. Navy

Turns 314 Cor. + 29 Depth 343 fms

Shot or lead 38

Bottom wht. s.

Bottom temperature 43.3

No. of thermometer 69488 Cor. -0.3

Corrected temperature 43.0

Air 77 Surface 76 Drift $\frac{3}{4}$ ' N-E (avg)

Trawl or dredge L. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 52.00	59.20	0	2. 17.15	27.10
53.20	58.40	100	20.40	24.30
54.20	57.50	200	23.30	21.40
55.20	57.30	300	27.00	18.50
56.50	1. 56.30	400	30.10	15.40
		500	33.00	12.35
		600	37.35	10.40
		700	43.10	3.04.45
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put surface net on bottom for 10 minutes at 2.55.

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	4682	219
	3200	314	191
	3300	4368	28
	3400		314
	3500		342
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400	Taken at Survey # 340-			
500				
600				
700				
800				
900				
1000				

REMARKS: Good-haul

Fishes: 6 sp. 5 spec, like *Peristurus*,
 1/2 pk. small, like *Macurus*. 1 large fish.
 2 sp. Starfish, several spec.
 1 very large octopus, soft & fragile.
 6 sp. Prawns - numerous spec,
 1 naked mollusk & 2 squid.

Lat B
607.

Long:

No. 3471 *Dr* Date December 4-1891
Sigsbee Machine. #1 Reel. Navy

Turns 308 Cor. + 29 Depth 337 fms

Shot or lead 38 lbs

Bottom fine wht. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 77 Surface 76 Drift

Trawl or dredge L. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
29.30	37.40	0	36.00	52-30
30.50	37.10	100	40.00	49-10
32.35	36.10	200	43.45	46-10
34.00	35.10	300	47.15	43.00
34.10	34.20	400	50.30	39.50
		500	53.50	36-05
		600	56.30	33.30
		700	4.00.00	4-28.10
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

And over surface net at
 4.09 bar, 15", Port side.

	2500	
	2600	
	2700	
	2800	
	2900	4682
	3000	308
	3100	<u>4374</u>
	3200	
	3300	219
	3400	191
	3500	28
	3600	<u>388</u>
	3700	336
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500	Taken at Murray #341-			
600				
700				
800				
900				
1000				

REMARKS:

7 spec of fishes. 6 specimens
 2 " " " " " "
 12 Prawns.
 1 Holothurion
 1 Sea pen.

Lat. 34 107.

Long:

No. *3472 55r.* Date *Dec. 4/91*
Sigsbee Machine. #1 Reel. *Navy*

Turns *270* Cor. + *25* Depth *295 fath.*

Shot or lead *38 lbs*

Bottom *fine wht. S.*

Bottom temperature *—*

No. of thermometer *—* Cor. *—*

Corrected temperature *—*

Air *77* Surface *78* Drift *—*

Trawl or dredge *LB.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4-53-30</i>	<i>01-0</i>	<i>0</i>	<i>4-59-0</i>	<i>56-10</i>
<i>54-30</i>	<i>5-0-0</i>	<i>100</i>	<i>5-02-30</i>	<i>53-00</i>
<i>55-30</i>	<i>9-59-0</i>	<i>200</i>	<i>05-20</i>	<i>50-10</i>
<i>56-30</i>	<i>4-57-0</i>	<i>270</i>	<i>08-40</i>	<i>47-30</i>
		<i>300</i>	<i>11-00</i>	<i>43-50</i>
		<i>400</i>	<i>15-40</i>	<i>40-00</i>
		<i>500</i>	<i>29-00</i>	<i>5-35-00</i>
		<i>600</i>		
		<i>650</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			4682	219
50			270	194
100			4412	25
200				270
300				245
400				
500	Taken at survey #342			
600				
700				
800				
900				
1000				

Caught; REMARKS:

2 bat fish.

2 specimens of a new & remarkable flounder with elongated lower jaw, 1/2 doz *Peristernus* doz. small eels, 1/2 doz. *Macrurus* Numerous *Mystophium*, 1/2 doz sp. prawns, few new sponges doz. small starfish, few shells, crabs, 1 holothurian.

Lat: *34° 15' N*
 Long: *122° 15' W*

No. *3473* Date *Dec 6/91*
 Sigsbee Machine. *1* Reel. *Nary*
 Turns *290* Cor. + *23* Depth *313*
 Shot or lead *60 lbs*
 Bottom *fine g. S.*
 Bottom temperature *43.8*
 No. of thermometer *69485* Cor. *-*
 Corrected temperature *43.8*
 Air *75* Surface *76* Drift *1/2 m S x 2 1/2 E*
 Trawl or dredge *L B*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-42-30</i>	<i>50-0</i>	0	<i>6-04-0</i>	<i>46-0</i>
<i>43-30</i>	<i>49-0</i>	100	<i>08-30</i>	<i>23-40</i>
<i>44-15</i>	<i>48-0</i>	200	<i>13-0</i>	<i>20-45</i>
<i>45-10</i>	<i>5-47-15</i>	<i>90</i> 300	<i>17-45</i>	<i>17-0</i>
		400	<i>21-45</i>	<i>13-0</i>
		500	<i>25-0</i>	<i>08-30</i>
		600	<i>30-0</i>	<i>04-0</i>
		700	<i>32-30</i>	<i>7-0-0</i>
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

207 fms (50')

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600	3977	159
	3700	290	136
	3800	3687	23
	3900		290
	4000		313

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50			3977	159
100			290	136
200			3687	23
300				290
400				1
500				313
600	Taken at survey # 356-			
700				
800				
900				
1000				

REMARKS: 2 Stereopteryx
 4 fishes, mostly like Macrurus
 1 large naked mollusk
 1 rare Pteropoda
 1 star, 1 crab, 4 prawns
 3 shells.

Cat.
107.

Long.

No. *3494 Jr.* Date *December 6. 91*
Sigsbee Machine. Reel. *Star*
 Turns *348* Cor. + *27* Depth *375 fms.*
 Shot or lead *35 lbs*
 Bottom *fine silt*
 Bottom temperature _____
 No. of thermometer _____ Cor. _____
 Corrected temperature _____
 Air *70* Surface *77* Drift *2' S. 1/2 W.*
 Trawl or dredge *Large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.06.10</i>	<i>14.30</i>	0	<i>8.18.45</i>	<i>54.05</i>
<i>07.10</i>	<i>13.45</i>	100	<i>22.35</i>	<i>54.10</i>
<i>08.25</i>	<i>13.05</i>	200	<i>25.35</i>	<i>51.15</i>
<i>10.40</i>	<i>12.25</i>	300	<i>28.30</i>	<i>48.35</i>
<i>10.25</i>	<i>8.11.40</i>	400 45	<i>31.35</i>	<i>45.30</i>
		500	<i>34.35</i>	<i>42.53</i>
		600	<i>37.40</i>	<i>39.36</i>
		700	<i>42.35</i>	<i>36.20</i>
		800	<i>45.45</i>	<i>9.26.30</i>
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200	3977	159
	3300	348	132
	3400	3649	28
	3500		348
	3600		375
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

25
24

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP. 68
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Survey
 Taken at station # 357
 Fishes: 2 *Atheropteryx*, 35 *Macrurus*-3 sp.
 2 Eels, 2 *Mystoplen*?
 peck starfish 4 sp. 2 large urchins
 4 crabs. few prawns. - 4 sp.
 few sponges, small *Pennatulids*
 3 soft shell urchins, *Opilurans*, naked
 Mollusks, shells.

Lat. 34 45 N

Long.

No. *3475 Dr* Date *Dec 6th 1891*

Sigsbee Machine. #1 Reel. *Wray*

Turns *326* Cor. + *25* Depth *351 fms*

Shot or lead *38 lbs*

Bottom *fine silt. s*

Bottom temperature *---*

No. of thermometer *---* Cor. *---*

Corrected temperature *---*

Air *77* Surface *76* Drift *1 1/2 N x N*

Trawl or dredge *Large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.28.45</i>	<i>37.10</i>	0	<i>10.35.30</i>	<i>12-02-30</i>
<i>29.30</i>	<i>36.35</i>	100	<i>40.35</i>	<i>59-50</i>
<i>30.55</i>	<i>36.00</i>	200	<i>44.35</i>	<i>56-15</i>
<i>33.30</i>	<i>35.05</i>	300	<i>47.35</i>	<i>53-00</i>
<i>34.10</i>	<i>10 34 20</i>	400	<i>51.10</i>	<i>49.10</i>
		500	<i>54.50</i>	<i>45.50</i>
		600	<i>57.30</i>	<i>42.50</i>
		700	<i>11.01.50</i>	<i>38.50</i>
		800	<i>04.55</i>	<i>11.03.40</i>
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	3977
	3200	<u>326</u>
	3300	3651
	3400	
	3500	159
	3600	<u>134</u>
	3700	25
	3800	<u>326</u>
	3900	351
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				43
50				<u>31</u>
100				74
200				
300				
400				
500				
600				
700	Taken at Survey # 358.			
800				
900				
1000				

REMARKS:
 Fishes: 2 dof. *Macrurus*, 2 sp
 Numerous stars, 2 sp
 3 crinoids (Antedon)
 Few shells - 3 sp. 3 flexible urthms - flat.
 " naked mollusks, 1 squid
 Several sp. prawns. Sponges with
 glass spicules, Anemones,
 Few Permatula

Lat. ^{34° 26'}
 N.C.

Long:

No. 3476 ⁵² Date Dec 26-1891

Sigsbee Machine. #1 Reel. Navy.

Turns 276 Cor. + 22 Depth 298 fms.

Shot ~~or lead~~ 60 lbs.

Bottom fine wh. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 77 Surface 75 Drift

Trawl or dredge L. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-56-30	03-00	0	1-04-30	23-00
57-45	02-15	100	07-30	19-30
58-45	01-30	200	10-00	16-30
59-30	1-00-45	300	13-30	13-30
		400	17-00	10-00
		500	20-30	06-45
		600	24-00	2-03-00
		700	28-00	1-59-30
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	3977
	3200	276
	3300	<u>3701</u>
	3400	
	3500	159
	3600	137
	3700	22
	3800	<u>276</u>
	3900	298
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				29
50				<u>54</u>
100				83
200				
300				
400				
500				
600	Taken at Survey # 359.			
700				
800				
900				
1000				

REMARKS: small *Sebastes*
 Fishes: several sp. *Macrurus* & others
 Sternosty, Several spec. of a green eyed sp
 1 dead *Monacanthus*; 1 octopus
 Several young squid, Several sp. small
 crabs, 1 blind crab, *Pentochelis*
Pennatulida, 1 cirroid, 1 *Hydromedusa*
 Sponge, 3 sp. stars, 6 sp. prawn

dat
N.C.P.

Long.

No. 3203 Hyd. Date April 7th 1892

Tanner Machine. — Reel.

Turns 27 Cor. + 2 Depth 29 fms.

Shot or lead 26

Bottom brk. sh.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 34° Surface 38° Drift —

Trawl or dredge —

P.M.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-31-15	32-16	0		
31-30	4-31-45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put 9 hand lines over stbd side
at 4:35 - In at 5:00.
Caught 1 msh.

Log 64.3-

	2500		
	2600		
	2700		
	2800		
	2900	615	17
	3000	27	15
	3100	588	2
	3200		27
	3300		29
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. *30° 10'*
 507.
 K.C.

Long: *122° 30'*

No. *3204* Hy. *A* Date *April 7th 1892*

Tanner Machine. — Reel.

Turns *28* Cor. + *2* Depth *30 fms.*

Shot or lead *26 lbs*

Bottom *sh.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *34°* Surface *38°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-51-00</i>	<i>51-45</i>	0		
<i>51-15</i>	<i>5-51-20</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log read 69.3-

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat: 507
N.I.O.

Long:

No. 3205 Hy^d - Date April 7th 1892.

Tanner Machine. - Reel. -

Turns 36 Cor. + 2 Depth 38 fms.

Shot or lead 26 lbs.

Bottom Sh. (Porachiapod.)

Bottom temperature -

No. of thermometer - Cor. -

Corrected temperature -

Air 33° Surface 37° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-43-45	44-30	0		
44-50	6-44-05	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log read 74.3

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat: 607
H.C. 51

Long:

No. 3206 Hy^a Date April 7th 1892

Tanner Machine. Reel.

Turns 44 Cor. + 3 Depth 47 fms.

Shot or lead 26 lbs.

Bottom Sh. crs. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-39-00	40-00	0		
39-20	7-39-30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

logarithm: 79.13

	2500	
	2600	
	2700	
	2800	'3
	2900	615
	3000	44
	3100	<u>571</u>
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

17
14
3
44
47

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Long:

No. 3207 Hy. Date April 7 1892

Tanner Machine. Reel.

Turns 46 Cor. + 3 Depth 49

Shot or lead 26 lbs.

Bottom bk S T bk Sh.

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air 55° Surface 58° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-40-0	42-30	0		
41-0	8-41-0	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat:

Long:

No. 3208 Hyl Date

Apr 7/92

Tanner Machine. — Reel.

Turns 80 Cor. + 5 Depth 85

Shot or lead 36 lbs.

Bottom gy S & Hk sp.

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air 33° Surface 38° Drift

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-42-0	45-0	0		
43-15	9-44-0	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	615	17
	3200	80	12
	3300	535	5
	3400		85
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. ^{107.} ~~3209~~ Long. ~~44~~
 No. 3209 Date April 7/92
 Tanner Machine. — Reel.

Turns 98 Cor. + 5 Depth 103

Shot or lead 26 lbs

Bottom m' s br. S

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 53° Surface 58°

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-59-0	12-03-0	0		
12-01-0	—	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000	615	17
	3100	98	<u>12</u>
	3200	<u>517</u>	5
	3300		<u>98</u>
	3400		103
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. 32° 10' Hyd.

Long. April 8/92

No. 3210

Date April 8/92

Danner Machine. — Reel.

Turns 103

Cor. + 4

Depth 107 fms.

Shot or lead 26 lbs

Bottom mud + sand

Bottom temperature —

No. of thermometer —

Cor. —

Corrected temperature —

Air 33

Surface 38

Drift —

Trawl or dredge —

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1:05-

1-10-10

0

07-10

1-07-15

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Pal-log 99.

	2500		
	2600		
	2700		
	2800		
	2900	565-	14
	3000	<u>100</u>	<u>10</u>
	3100	465-	4
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lost 5-3 fms wire
 checking line parted
 did not lose lead
 new stray line 3 fms long.

Lat
107.
E. 112

Long

No. 3211 Hyd. Date April 8/92

Tanner Machine. Reel.

Turns 113 Cor. + 5 Depth 118-

Shot or lead 26 lbs
Bottom fm m. blk specks

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 33 Surface 38 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-03-00	2-06-00	0		
2-04-	2-040-	100		
		10		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat-log 1040

	2500		
	2600		
	2700		
	2800		
	2900		
	3000	5-65-	14
	3100	110	9
	3200	455-	5-
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Stray line & fms long.

Lat
571
E. 1/2

Long:

No. 3212 Hyd Date April 8th 1892.

Tanner Machine. Reel.

Turns 99 Cor. + 4 Depth 102 =

Shot or lead 26 lbs.

Bottom fine m & old specks

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 33 Surface 38 Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-03-05	3-03-40	0		
3-04-00	3-04-10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Red. Log 9.0

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

565 14
 95- 10

 470 4

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. ^{107.}
107.0

Long.

No. 3213 Hyd. Date April 8th 1892.

Tanner Machine. — Reel.

Turns 89 Cor. + 4 Depth 93 fms.

Shot or lead 26 lbs.

Bottom br. M. Gk. Sp.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air Surface Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-00-00	01-30	0		
00-40	4-00-50	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log read 14.0,

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

560
89
 471

14
10
 4
89
 93

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat:
 507.

Long:

No. 3214 Hyd. - Date April 11th 1892

Tanner Machine. - Reel.

Turns 19 Cor. + 1 Depth 20 fms.

Shot or lead 26 lbs.

Bottom gy S

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4:5-0	4-28-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Stopped to fish
 Put 9 mins over side - Caught nothing

Log read 19:0 -

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat: 507.

Long:

No.

Date

Oct: 14 - 1891.

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air

Surface

Drift

Trawl or dredge

Correction Table.

Sigsbee Reel #3.

#21 Music Wire

for taking temp^{rs}

H.C. Smith Capt. U.S. Navy

SOUNDING WIRE.		TURNS.	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
0	0	0 0	6 25	6 6 14.11
25	25	0 100	50	38.12
50	50	0 200	75	63.12
75	75	0 300	750	87.13
100	99	1 400	25	5 7 11.14
25	124	1 500	50	35.15
50	49	1 600	75	59.16
75	73	2 700	800	83.17
200	98	2 800	25	4 8 07.18
25	223	2 900	50	31.19
50	47	3 1000	75	54.21
75	72	3 1100	900	79.21
300	97	3 1200	25	2 9 03.22
25	322	3 1300	50	26.24
50	46	4 1400	75	50.24
75	71	4 1500	1000	74.26
400	95	5 1600	25	2 9 82.27
25	420	5 1700	50	10 21.28
50	45	6 1800	75	45.39
75	69	6 1900	1100	68.32
500	93	7 2000	25	1 9 2.33
25	518	7 2100	50	11 15.35
50	42	8 2200	75	39.36
75	66	9 2300	1200	63.37
600	90	10 2400	25	86.39

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
30 34	20 46	0	43 50	140 84
50	62	100	43 00	141 30
31 00	30 08	200	43 50	76
50	58	300	44 00	142 22
32 00	31 03	400	50	68
50	48	500	45 00	143 14
33 00	97	600	50	60
50	32 44	700	46 00	144 06
34 00	91	800	50	51
50	33 38	900	47 00	145 00
35 00	85	1000	50	43
50	34 32	1100	48 00	146 09
36 00	79	1200	50	46 34
50	35 26	1300	49 00	82
37 00	73	1400	50	47 28
50	36 19	1500	50 00	75
38 00	66	1600	50 09	47 82
50	37 13	1700		
39 00	59	1800		
50	38 06	1900		
40 00	52	2000		
50	38 99	2100		
41 00	46	2200		
50	92	2300		
42 00	38	2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Splice at 2928 fms 4735.
 " " 3385 "
 " " 3730 "
 " " 3802 "
 " " 3835 "
 " " 4125 "
 " " 4432 "

607. Navy Reel - Reeling on
 No. October 2nd Date 1891.

Machine. Reel.

Turns Cor. + Depth
 Shot or lead
 Bottom
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air Surface Drift
 Trawl or dredge

Direction of surface current
 Harry A. Hunt
 Capt. U.S.N.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
50-50	1400 1387 ⁵⁷	0	2750 2695 ⁵⁷	100 3967 ⁵⁰
100-100	50 1436 ⁵⁰	100	2800 2743 ⁵⁷	50 4012 ⁵⁰
50-51	1500 85	200	50 90	4200 60
200-201	50 1534 ⁵⁰	300	2900 2838 ⁵⁰	50 4105 ⁵⁰
50-52	1600 83 ⁵⁰	400	50 85	4300 53 ⁵⁰
300-302	50 1632 ⁵⁰	500	3000 2933 ⁵⁰	50 4198 ⁵⁰
50-52	1700 81 ⁵⁰	600	50 79	4400 4246 ⁵⁰
400-402	50 1730 ⁵⁰	700	3100 3028 ⁵⁰	50 91 ⁵⁰
50-52	1800 79 ⁵⁰	800	50 76	4500 4339 ⁵⁰
500-502	50 1828 ⁵⁰	900	3200 3121 ⁵⁰	50 84 ⁵⁰
50-52	1900 77 ⁵⁰	1000	50 69	4600 4431 ⁵⁰
500-600	50 1925 ⁵⁰	1100	3300 3215 ⁵⁰	50 76 ⁵⁰
50-650	2000 75 ⁵⁰	1200	50 60	4700 4523 ⁵⁰
700-699	50 2021 ⁵⁰	1300	3400 3310 ⁵⁰	50 68 ⁵⁰
50-1749	2100 71 ⁵⁰	1400	50 54	4800 4615 ⁵⁰
500-98	50 2118 ⁵⁰	1500	3500 3402 ⁵⁰	50 60 ⁵⁰
50-847	2200 68 ⁵⁰	1600	50 50	4900 4707 ⁵⁰
900-1977	50 2215 ⁵⁰	1700	3600 3499 ⁵⁰	50 52 ⁵⁰
50-946	2300 65 ⁵⁰	1800	50 54	5000 4800 ⁵⁰
1000-195	50 2312 ⁵⁰	1900	3700 92	50 38 4807 ⁵⁰
50-1044	2400 60 ⁵⁰	2000	50 36	39
1100-193	50 2408 ⁵⁰	2100	3800 86	
50-1142	2500 58 ⁵⁰	2200	50 37	82
1200-191	50 2504 ⁵⁰	2300	3900 88	
50-1240	2600 51 ⁵⁰	2400	50 38	26
2-571 1300-189	50 2598 ⁵⁰		4000 74	
50-1338	2700 2647 ⁵⁰		4100 89	19

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1st splice - 280 8" 2545. 15" 4769
 2nd splice - 670 9" 2802
 3rd splice - 877 10" 3104
 4th " 1196 11" 3482
 5th " 1547 12" 3809
 6th " 1823 13" 4135
 7th " 2178 14" 4452

Lat-60° 06' N
 Long 146° 02' W

No. 3215 Hyd. Date April 18-1892

Tanner Machine. — Reel. —

Turns 52 Cor. + 3 Depth 55

Shot or lead 26 lbs.

Bottom R. and M.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8:45-00	8-46-00	0		
		52		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. Log 19.4

Cape Hinckley boat No 708 (Perry) dist 34 miles

V



$$\begin{array}{r} 2682 \\ 308 \\ \hline 4374 \end{array}$$

$$\begin{array}{r} 219 \\ 196 \\ \hline 28 \\ 308 \\ \hline 337 \end{array}$$

$$\begin{array}{r} 4782 \\ 48 \\ \hline 4934 \end{array}$$

6.15
00
5.25



7

5000

5844) 3000000



1.1.16
1.1.17



1.1.20

2946
88
3034
18

Frying

3016
2
2

44 5.2
41 0.5
3 19

317

44 5.2
31 4
47 69

