

No 8.

Cable Survey.



#337 - Dec 4th 1891

to

#386 - Dec 14th 1891.



	2500	
	2600	Dec 15 th 1891
	2700	" 14 "
	2800	" 13 "
	2900	" 12 "
	3000	" 11 "
	3100	
	3200	Dec 15 th 1891
	3300	" 14 "
	3400	" 13 "
	3500	" 12 "
	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:

6613
107.

2990 Hyd -

No. 337 Survey, Date Dec 24 1891.

Sigsbee Machine. #1 Reel. Navy

Turns 184 Cor. + 17 Depth 201 fms

Shot or lead 38 lbs

Bottom fine wht. S.

Bottom temperature 50.6

No. of thermometer 69488 Cor. -0.2

Corrected temperature 50.4

Air 77 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.24.15	29.00	0		
25.15	28.05	100		
26.40	12.27.10	184		
		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 read 14.1
Sounded 5/10 miles

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4682	219
	3400	<u>184</u>	<u>202</u>
	3500	4498	17
	3600		<u>184</u>
	3700		201
	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:

103 2991 Hyd

No. 338 Survey. Date Dec 24-1891.

Sigsbee Machine. #1 Reel. Heavy

Turns 231 Cor. + 21 Depth 252 fms

Shot or lead 38 lbs

Bottom fine wh. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 77 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12:36.00	42.50	0		
37.20	42.15	100		
39.40	41.35	200		
39.55	40.25	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. log read 15.0 Inverted 1/10 miles

1891

2500		
2600		
2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400	4682	219
3500	<u>231</u>	<u>198</u>
3600	4451	21
3700		<u>231</u>
3800		252
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:

66B
 2992 Hyd.

No. 339 Survey. Date Dec 24-1891.
 Sigsbee Machine. #1 Reel. Navy

Turns 140 Cor. + 13 Depth 153 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 _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12 49.00	53 40	0		
50.40	52.10	100		
51.10	12.51.30	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 read 16.5. Interval 7/10 miles

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

4682
140
4542

219
206
13
140
153

SERIAL TEMPERATURES.

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

REMARKS:

1613
507.

34705r-

No. 340 Survey, Date Dec 7 4-1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 314 Cor. + 29 Depth 343 fms

Shot or lead 38 lbs

Bottom fine. wht. S

Bottom temperature 43.3

No. of thermometer 69488 Cor. -0.3

Corrected temperature 43.0-

Air 77 Surface 76 Drift

Trawl or dredge

PMU

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1.52.50	59.20	0
53.25	58.40	100
54.25	57.50	200
55.35	57.20	300
55.50	1.56.30	400

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

Patent Log used 21.5 - Interval 6 miles

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

4682
314
4368

219
196
29
314
343

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	77.8	68848	-0.2	77.6
50	72	52732	-0.0	72.0
100	67.8	69479	-0.0	67.8
200	50.5	69488	-0.2	50.3
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Dredge No 3470 taken at this station.

3971 Ar-

No. 41 Date Dec 26 1901

Machine # Reel

Turns 308 Cor. + 29 Depth 337

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
37.30	37.40	0		
	37.10	100		
32.35	36.10	200		
34.00	35.10	300		
34.10	34.20	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	4372	297
	3500	2.1	191
	3600	4378	27
	3700		33
	3800		32
	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:

*Spec. ...
this station*

34725-

No. 342 Date Dec 4-1891

Sigsbee Machine #1 Reel 400 y

Turns 270 Cor. + 25 Depth 295 fms

Shot or lead 38 lbs

Bottom fine wh. S.

Bottom temperature -

No. of thermometer - Cor. -

Corrected temperature -

Air 77 Surface 78 Drift -

Trawl or dredge -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-53-30	01-00	0		
54-30	5-00-00	100		
55-30	59-00	200		
56-30	4-57-00	270		
		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

4692
3.13
11.44

219
1.0
2.0

SERIAL TEMPERATURES.

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

Book No 34-72 REMARKS: at H.
11.44

307. 299

No. 343 Survey - Date Dec 5th 1891.

Sigsbee Machine. #1 Reel.

Turns 140 Cor. + 13 Depth 153 f.

Shot or lead 38 lbs.

Bottom fine wh. S. Co. (dead Co.)

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature

Air 70 Surface 76 Drift —

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

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	4672	219
	3500	100	206
	3600	4542	15
	3700		15
	3800		15
	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:

507. 2994

No. *1* Survey *Survey* Date *December 5th 1891*
Sigsbee Machine. #1 Reel. *Heavy*

Turns *279* Cor. + *26* Depth *305 fms*

~~Shot or lead~~ *38 lbs*

Bottom *fine wht. S.*

Bottom temperature *44.6*

No. of thermometer *69488* Cor. *-0.3*

Corrected temperature *44.3*

Air *76* Surface *76* Drift *---*

Trawl or dredge *---*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.10</i>	<i>09.00</i>	0		
<i>03.45</i>	<i>08.15</i>	100		
<i>04.50</i>	<i>07.10</i>	200		
<i>05.55</i>	<i>8.06.20</i>	300 <i>279</i>		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lead 42

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	46 85
	3400	272
	3500	180
	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:

2495

No. *2495* Date *Aug 10 1881*

Sigsbee Machine. #1 Reel. *Navy*

Turns *282* Cor. + *26* Depth *308 fms*

Shot or lead *38 lbs*

Bottom *fine rkt. s.*

Bottom temperature *—*

No. of thermometer *—* Cor. *—*

Corrected temperature

Air *76* Surface *76* Drift *—*

Trawl or dredge *—*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>aw.</i> DOWN.	<i>aw.</i> UP.		DOWN.	UP.
<i>8.47.40</i>	<i>54.00</i>	0		
<i>48.50</i>	<i>53.10</i>	100		
<i>44.40</i>	<i>52.20</i>	200		
<i>50.40</i>	<i>8.51.20</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*5 m 70
5
+ 2 m 70
5
to reel 570*

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	11 1/2	200
	3500	8	100
	3600	2 1/2	50
	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. 346 Survey Date December 5th 1869
 Sigsbee Machine. #1 Reel. Navy.

Turns 373 Cor. + 34 Depth 407

Shot or lead 38 lbs

Bottom fine gy. s.

Bottom temperature

No. of thermometer _____ Cor. _____

Corrected temperature

Air 76 Surface 76 Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 32. 10	40.45	0		
33. 30	40. 10	100		
34. 55	39. 30	200		
35. 40	38. 45	300		
36. 30	9. 37. 20	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log lead 52 1 - 5 miles

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4682	219
	3400	<u>373</u>	<u>186</u>
	3500	4309	33
	3600		<u>373</u>
	3700		406
	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:

2997

No. 347 Date _____
 Sigsbee Machine. #1 Reel. Navy
 Turns 341 Cor. + 31 Depth 372 fms
 Shot or lead 38 lbs
 Bottom gy. s. + Co. (dead)
 Bottom temperature 51°
 No. of thermometer 69488 Cor. -0.3
 Corrected temperature 50.7
 Air 77 Surface 76 Drift _____
 Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10	20	0		
20	21	100		
30	22	200		
40	23	300		
50	24	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

571 - 5 meters

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	46 82	219
	3500	<u>341</u>	<u>188</u>
	3600	43 41	31
	3700		<u>372</u>
	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. 348 Survey Survey Date December 5th 91

Machine. _____ Reel. _____

Turns _____ Cor. + _____ Depth 8

Shot or lead _____

Bottom fine gy. s.

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 77 Surface 76 Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
	<u>11 24 11</u>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

u. s. 62

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4682	219
	3600	<u>467</u>	<u>178</u>
	3700	4215	41
	3800		<u>467</u>
	3900		509
	4000		

SERIAL TEMPERATURES.

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

REMARKS:

1883

607.

2999

No. 349 / Date

Sigsbee Machine. #1 Reel. Navy

Turns 000 Cor. + Depth

Shot ~~or lead~~ 60 lbs.

Bottom fine gy s.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 77 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 49. 50	57. 00	0		
50. 40	58. 20	100		
51. 30	57. 40	200		
52. 25	56. 55	300		
53. 20	55. 40	400		
54. 15	11. 55 10	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500	4682	219
2600	505	175
2700	4177	44
2800		505
2900		
3000		
3100		
3200		
3300	4682	219
3400	505	175
3500	4177	44
3600		505
3700		549
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:

507. 3000

No. 3000 Date: Feb 5 '17

Machine / Reel

Turns 95 Depth 155

Shot or lead 60 lb.

Bottom gy. m. for S.

Bottom temperature

No. of thermometer 69488 Cor. -

Corrected temperature -

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
16:00		100	57:50	11:00
3:10:00		200	57:50	11:15
		300		
		400		
		500		
		600		
		700		
		800	59:45	17:15
		900	1:01:15	16:30
		1000	02:50	15:45
		1100	04:15	14:50
		1200	05:45	14:00
		1300		13:15
		1400	08:25	12:00
		1500	09:55	
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	2.00	5.5
	2600	3.17	1.57
	2700	1.25	
	2800	1.25	
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600	1.50	1.57
	3700	1.42	
	3800		
	3900		1.57
	4000		1.57

SERIAL TEMPERATURES.

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

REMARKS:

Were parted at 705 fms
and lost 765

... ..
... ..
... ..
... ..
... ..

507

3007

No. 2511 / Date Dec 5-91

Machine #1 Reel

Turns 1060 Cor. + 106 Depth 17 fms

Shot or lead 60 lb

Bottom - gy. m. f. s. d.

Bottom temperature

No. of thermometer 175 Cor. + 0.1

Corrected temperature 35.1

Air 76 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

05-30	24-00
06-15	29 15
07-10	28 30
08-05	27 45
09-05	27 00
10-05	26 50
11-05	26 00
12-15	25 00
13-15	24 00
14-10	23 00
15-10	22 00
16-45	21 10
17-10	20 15
18-15	19 40
19-15	18 00
20-50	17 00
21-15	16 00
24-45	

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

5 Miles

6 knots
- Pulling in

2500		
2600	<u>1686</u>	<u>53</u>
2700	2291	106
2800		1686
2900		1797
3000		
3100		
3200		
3300		
3400	397.7	159
3500	<u>1686</u>	<u>53</u>
3600	229.1	106
3700		16
3800		1797
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:

3002

No. 357-~~1211~~ Date 10-17-91

Machine. 1 Reel. 1

Turns 170 Cor. + 170 Depth 340

Shot or lead 60 lb

Bottom br. m. fine s.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 75 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
17-70	4.00.00	0		
18.10	59.05	100		
19.00	58.20	200		
20.50	57.45	300		
21.45	57.05	400		
22.35	56.15	500		
23.25	55.40	600		
24.20	54.30	700		
25.10	53.35	800		
26.00	52.40	900		
27.00	51.00	1000		
28.05	50.15	1100		
29.10	49.15	1200		
30.15	48.00	1300		
31.20	46.55	1400		
32.30	45.35	1500		
33.40	44.30	1600		
34.50	43.30	1700		
36.00	42.45	1800		
37.15	41.50	1900		
38.30	40.30	2000		
39.45	39.30	2100		
41.00		2200		
		2300		
		2400		

1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400

2500	322.1	150
2600	<u>203.6</u>	<u>36</u>
2700	194.1	19.1
2800		<u>7036</u>
2900		<u>2156</u>
3000		
3100		
3200		
3300		
3400		
3500		
3600	<u>124.1</u>	
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:

5003

No. *11* Date *10/15/11*

W. W. Machine. *1* Reel. *Star*

Turns *1900* Cor. + *10* Depth *1910*

Shot or lead *60 lb*

Bottom *br m & s*

Bottom temperature *-*

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

Corrected temperature *-*

Air *75* Surface *75* Drift *-*

Trawl or dredge *-*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11</i>		0		
<i>12</i>	<i>20</i>	100		
<i>13</i>	<i>30</i>	200		
<i>14</i>	<i>40</i>	300		
<i>15-10</i>	<i>51-0</i>	400		
		500		
<i>17-20</i>	<i>47-0</i>	600		
<i>18-30</i>	<i>70-20</i>	700		
<i>19-50</i>	<i>53-20</i>	800		
	<i>41-10</i>	900		
<i>22-30</i>	<i>45-5</i>	1000		
<i>23-30</i>	<i>44-0</i>	1100		
	<i>35-0</i>	1200		
<i>26-35</i>	<i>42-40</i>	1300		
<i>27-50</i>	<i>41-45</i>	1400		
<i>29-15</i>	<i>40-0</i>	1500		
<i>30-45</i>	<i>38-40</i>	1600		
<i>32-25</i>	<i>37-30</i>	1700		
<i>33-0</i>	<i>36-40</i>	1800		
<i>34-40</i>	<i>36-0</i>	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

101
88
711

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

2477
1838
2474

1838
1838
195.1

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200		16		
300				
400				
500				
600		19		
700				
800				
900				
1000				

REMARKS:

SOT. 5034

No. *118* Date *11/11/1900*

Machine. Reel.

Turns *2111* Cor. + *127* Depth *2325 fms*

Shot or lead *60*

Bottom *gy. m. s. gy. m. s.*

Bottom temperature *35.0*

No. of thermometer *69485* Cor. *+0.1*

Corrected temperature *35.1*

Air *7.5* Surface *7.5* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.05.45	56.10	0		
06.40	55.35	100		
07.45	55.00	200		
08.45	54.00	300		
09.40	53.15	400		
10.40	52.35	500		
11.40	51.50	600		
12.45	51.05	700		
13.50	50.25	800		
14.50	49.45	900		
16.05	49.00	1000		
17.25	48.20	1100		
18.35	47.45	1200		
19.55	47.10	1300		
21.20	46.10	1400		
22.45	45.00	1500		
24.10	44.05	1600		
25.40	42.55	1700		
27.10	41.45	1800		
28.30	40.50	1900		
30.35	39.05	2000		
32.10	36.35	2100		
33.50	6 35.10	2200		
		2300		
		2400		

Pat: log read 90.1
 Reel: 0.6 knots
 2 miles

159	3977	2500	
25	2198	2600	
134	1579	2700	
		2800	
	2198	2900	
	134	3000	
	<u>2332</u>	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. 350 Date _____
 Machine. 1 Reel. 1
 Turns 275 Cor. + 137 Depth 261.4
 Shot or lead 60.5
 Bottom 1-4. m. + s.
 Bottom temperature _____
 No. of thermometer _____ Cor. _____
 Corrected temperature _____
 Air 75 Surface 75 Drift _____
 Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	15.15	0		
16.45	17.20	100		
	17.40	200		
	18.10	300		
19.10	10.50	400		
20.10	10.15	500		
21.10	09.50	600		
22.10	09.20	700		
23.00	08.50	800		
24.15	08.15	900		
25.15	07.45	1000		
26.15	07.15	1100		
27.15	06.45	1200		
28.15	06.15	1300		
29.15	05.45	1400		
30.15	05.15	1500		
31.15	04.45	1600		
32.15	04.15	1700		
33.15	03.45	1800		
34.15	03.15	1900		
35.15	02.45	2000		
36.15	02.15	2100		
37.15	01.45	2200		
38.15	01.15	2300		
39.15	00.45	2400		

10.10 - 10.01

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

77
2475
1507
77
131
2475
7617
157
22
137
2615

SERIAL TEMPERATURES.

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

REMARKS:

507. ~~34735~~ 34735

No. 356 Survey Date Dec 6/11

Sigsbee Machine. 1 Reel. Mary

Turns 290 Cor. + 23 Depth 313

Shot or lead 60 lbs

Bottom fine

Bottom temperature 43.5

No. of thermometer 64485 Cor. -

Corrected temperature 43.5

Air 15 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
44-30	44-0	100		
44-15	44-1	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

57 110. 2473

1:05 lead 50:1

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	297	1.7
	3200	293	1.3
	3300	2687	2.3
	3400		2.9
	3500		1.3
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50			2.0	
100		290	1.0	
200		3687		
300			2.0	
400			1.0	
500				
600				
700				
800				
900				
1000				

REMARKS: No. 13173

No. 13173

107.

34745.

No. 351 Survey Date Nov 10 1881

Machine. Reel. Sigsbee

Turns 348 Cor. + 21 Depth 369 fms

Shot or lead 30 lbs

Bottom fine m. s. v.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 76 Surface 77 Drift 2 1/2 E

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 06. 10.	14. 30	0		
07. 10	13. 45	100		
08. 25	13. 05	200		
10. 50	12. 25	300		
10. 25	8. 11. 40	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1000 fms. 1000 fms.

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	3977	154
	3600	<u>348</u>	<u>132</u>
	3700	3629	27
	3800		<u>348</u>
	3900		27
	4000		1

SERIAL TEMPERATURES.

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

REMARKS:

Loc N^o 3474 taken at
 this station

507.

3475 L.

No. 358 Survey Date Dec. 6th 1891

Machine. Reel.

Turns 326 Cor. + 25 Depth 351

Shot or lead 36 lbs

Bottom fine. wh. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 77 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
18. 45	37. 10	0		
29. 30	36. 35	100		
30. 55	36. 00	200		
33. 30	35. 15	300		
34. 00	10. 00	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		2977	1.1
3600		320	1.38
3700			2.5
3800			3.1
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:

Took at 3475 m
 station.

3476

No. 359 Survey Date Dec 6-1891
 Sigbee Machine #1 Reel Army

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 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-56-30	03-00	0		
57-45	02-15	100		
58-45	01-30	200		
59-30	1-00-45	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Interval 8 miles
 Log 57 3

2500	3977	159
2600	<u>276</u>	<u>137</u>
2700	3701	22
2800		<u>276</u>
2900		<u>278</u>
3000		
3100		
3200		
3300	3977	159
3400	<u>276</u>	<u>137</u>
3500	3701	22
3600		<u>276</u>
3700		<u>278</u>
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600		3476		
700				
800		station		
900				
1000				

REMARKS:

607. ✓ 3006 Hyd

No. 462 Survey Date

Machine #1 Reel.

Turns 565 Cor. + 24 Depth 589

Shot or lead

Bottom

Bottom temperature

No. of thermometer 64705 Cor. -

Corrected temperature 42.5

Air 68 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		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	177
	3400	<u>305</u>
	3500	3672
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			0	
50				
100			0.6	2.4
200				
300				2.9
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 3007 HWA

No. 361 Date Dec 12 / 91

Machine. #7 Reel. Starck

Turns 300 Cor. + 23 Depth 323

Shot or lead 60

Bottom fine gy. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 68 Surface 74 Drift

Trawl or dredge

H. H.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

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

5.777
 2.2

159
 15
 20
 223

SERIAL TEMPERATURES.

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

REMARKS:

3005

No. 362 *Quincy* Date Dec. 12

Machine. / Reel. *4. m.*

Turks 509 Cor. + 38 Depth 547

Shot or lead 60 lbs

Bottom gy. w. fine, s.

Bottom temperature

No. of thermometer _____ Cor.

Corrected temperature

Air 72 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-04-0	13-50	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

3777

157
131

SERIAL TEMPERATURES.

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

REMARKS:

1001. *3009*

No. *5* Survey Date *Dec. 12,*
Sigsbee Machine. *#1* Reel. *Starley*
 Turns *561* Cor. + *42* Depth *603*
 Shot or-lead *6*

Bottom *gy. m. & fine S.*
 Bottom temperature

No. of thermometer _____ Cor.

Corrected temperature

Air *72* Surface *74* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>19-45-0</i>		0		
<i>19-45-15</i>		100		
<i>19-45-30</i>		200		
<i>19-45-45</i>		300		
<i>19-46-00</i>		400		
<i>19-46-15</i>		500		
<i>19-46-30</i>		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	111	157
	3300	<u>561</u>	<u>117</u>
	3400	3416	42
	3500		<u>561</u>
	3600		603
	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. / 3076

No. _____ Date _____
Sigsbee Machine. #1 Reel. *Stacy*
 Turns 1045 Cor. + 71 Depth 1116
 Shot or lead 60 lbs
 Bottom gy s. w. 7 fms
 Bottom temperature 36°
 No. of thermometer 69485 Cor. + 0.1
 Corrected temperature 36.1
 Air 72 Surface 74 Drift _____
 Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-12-0	34-00	0		
13-45	33-20	100		
14-40	32-50	200		
15-50	31-50	300		
16-55	31-00	400		
18-00	30-15	500		
19-10	29-30	600		
20-20	28-45	700		
21-35	27-50	800		
22-50	27-00	900		
4-25	26-00	1000		
	25-15	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

3977
1045
5022

1000

71
1000
1110

SERIAL TEMPERATURES.

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

REMARKS:

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

3977
 1675

 2302

159.
 53

 10

 1675

 1000

SERIAL TEMPERATURES.

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

REMARKS:

No. 366 Survey Date December 12 - 1891

Machine. 1 Reel. Navy

Turns 1950 Cor. + Depth 067

Shot or lead 60 lbs

Bottom in. M. - fine. S

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 70 Surface 73 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0. 15	17. 10	0		
21. 05	16. 40	100		
21. 50	16. 50	200		
22. 40	15. 25	300		
23. 30	14. 50	400		
24. 50	14. 05	500		
25. 30	13. 20	600		
6. 35	12. 40	700		
1. 40	10. 25	800		
28. 50	08. 35	900		
0. 05	06. 10	1000		
1. 25	04. 35	1100		
32. 50	02. 50	1200		
34. 15	2. 00. 40	1300		
35. 45	58. 35	1400		
37. 15	56. 05	1500		
38. 40	54. 00	1600		
40. 10	51. 45	1700		
41. 45	50. 45	1800		
43. 15	48. 10	1900		
44. 20	1. 45. 30	2000		
		2100		
		2200		
		2300		
		2400		

5 miles
 Pat. L. ...
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	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	3777	157
	3400	<u>1950</u>	<u>42</u>
	3500	3027	117
	3600		<u>1950</u>
	3700		2067
	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:

3013

No. 36 ^{1/2} Date Dec. 12^d 1891

Sigsbee Machine. Reel. Navy

Turns 1700 Cor. + 107 Depth 1807 fms.

Shot ~~or lead~~ 60 lbs.

Bottom br. M. S.

Bottom temperature 35.

No. of thermometer 69485 Cor. + 0.1

Corrected temperature 35.3

Air 70 Surface 73 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-52-30	21-30	0		
	30-00	100		
	29-00	200		
	28-00	300		
56-15	27-00	400		
54-15	26-00	500		
58-15	25-00	600		
59-15	24-00	700		
4-00-15	23-00	800		
01-20	21-45	900		
02-30	20-45	1000		
03-45	19-30	1100		
05-00	18-30	1200		
06-15	17-30	1300		
07-30	16-25	1400		
08-45	15-30	1500		
10-15	14-30	1600		
11-45	13-30	1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500	3177	154
2600	<u>1700</u>	52
2700	2277	107
2800		<u>1700</u>
2900		1807
3000		
3100		
3200		
3300	3177	154
3400	<u>1700</u>	52
3500	2277	+107
3600		<u>1700</u>
3700		1807
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:

3014

No. *165* Date *Dec 12-1891*
Sigsbee Machine. *#1* Reel. *Heavy*

Turns *2625* Cor. + *142* Depth *2767*

Shot or lead *60 lbs*

Bottom *br sh & fine s*

Bottom temperature *—*

No. of thermometer *—* Cor. *—*

Corrected temperature *—*

Air *71* Surface *74* Drift *—*

Trawl or dredge *—*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
51-45		100		
52-45		200		
53-45		300		
54-45		400		
55-45		500		
56-45		600		
57-50		700		
59-00		800		
60-00		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Handwritten notes in the Dredge Rope columns:
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99
100

6-30-30	26-40	2500	
24-30	6-25-0	2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	3977
		3400	2625
		3500	<u>1352</u>
		3600	
		3700	
		3800	
		3900	
		4000	

159
14
142
2625
2767

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50			3977	159
100			<u>2625</u>	<u>14</u>
200			1352	142
300				<u>2625</u>
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Feb 107.

3815

No. 369 Sundry Date Dec. 12 1891

Sigsbee Machine. #1 Reel. Navy

Turns 2820 Cor. + 146 Depth 2966 fms.

Shot or lead 60 lbs

Bottom bn. m + fine s

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 68 Surface 73 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
25	46.00	0		
30	46.30	100		
38	47.00	200		
39	47.30	300		
40	47.55	400		
41	48.20	500		
42	48.45	600		
43	49.10	700		
44	49.35	800		
45	49.55	900		
46	50.25	1000		
47	50.50	1100		
48	51.10	1200		
49	51.30	1300		
50	51.55	1400		
52	52.15	1500		
54	52.40	1600		
55	52.50	1700		
56	53.15	1800		
57	53.30	1900		
59	53.55	2000		
01	54.15	2100		
02	54.35	2200		
04	54.55	2300		
05	55.15	2400		

1.2

11. 7. 70	20.30	2500		
11. 8. 70	19.65	2600		
10. 50	19.12	2700		
12. 40	15.00	2800		
12. 30	9.10	2900		
		3000		
		3100		
		3200		
		3300	2777	157
		3400	272	13
		3500	1157	100
30. 20	15.00	3600		2820
2. 20	13	3700		2850
11. 57		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:

2016

No. 370 Date Dec 22 1916
 Sigbee Machine. No. 1 Reel Navy
 Turns 2870 Cor. + 147 Depth 3017 fms
 Shot or lead 60 lbs
 Bottom br. M. mud
 Bottom temperature 35.2
 No. of thermometer 641185 Cor. + 0.1
 Corrected temperature 35.3
 Air 69 Surface 73 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
20.40	52-00	0		
21.35	50-45	100		
22.30	49-30	200		
23.30	48-30	300		
24.30	47-30	400		
25.30	46-30	500		
26.35	45-30	600		
27.45	44-35	700		
28.50	43-35	800		
29.55	42-45	900		
31.00	41-40	1000		
32.15	40-15	1100		
33.35	38-45	1200		
34.45	37-15	1300		
36.10	35-30	1400		
37.30	33-50	1500		
38.55	32-30	1600		
40.15	31-15	1700		
41.40	30-00	1800		
43.00	28-35	1900		
44.30	27-15	2000		
46.00	26-00	2100		
47.30	24-40	2200		
49.15	23-20	2300		
50.45	22-00	2400		

Pa. Log. 22-5-1547
 Raw 15/10 knots
 1547
 15/10 knots
 1547

PM

11.52.25	06.00	2500		
54.05	02.45	2600		
55.40	03.05	2700		
57.30	01.45	2800		
59.20	12.00.40	2900		
		3000		
		3100		
		3200		
		3300	3977	159
		3400	2870	12
3977	159	3500	1107	147
2870	12	3600		2870
1107	147	3700		3017
	2870	3800		
	3017	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:

Belt broke at 2500 turns -
 delay 15 minutes.

100
507

3017

No. 371 *Survey* - Date *Dec 2 13 - 1891 -*

Sigsbee Machine. #1 Reel. *Navy*

Turns 28 Cor. + 14 } Depth 300 fms

Shot or lead 60 lbs.

Bottom *no specimen*

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 70 Surface 51.3 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
30-15		100		
31-15		200		
32-15		300		
33-15		400		
34-15		500		
35-15		600		
36-15		700		
37-25		800		
38-40		900		
39-00		1000		
41-15		1100		
42-35		1200		
43-50		1300		
45-15		1400		
46-40		1500		
48-00		1600		
49-30	28-40	1700		
51-00	27-30	1800		
52-30	26-20	1900		
54-15	25-10	2000		
56-00	24-10	2100		
58-00	23-00	2200		
3-00-00		2300		
1-45	21-00	2400		

*Int. ...
66-7-*

2.6.21

3-03-45	14-15	2500	3977	159
05-45	15-30	2600	<u>793</u>	159
07-30	17-00	2700	1097	147
09-15	15-30	2800		2880
11-00	3-14-15	2900		<u>3027</u>
		3000		
		3100		
		3200		
		3300		
		3400	3977	159
		3500	<u>793</u>	159
		3600	1097	147
		3700		2880
		3800		<u>3027</u>
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				39.77 1.59
400				<u>14.59</u> 1.4
500				25.20 9.5
600				<u>14.59</u>
700				1.554
800				
900				
1000				

REMARKS:

Wire drew out at splice at 1459 fms, and at 1554 fms. Small lead.

No.

D. W. R. M. Date

Dec 13 / 9

Machine # 2 Reel. Navy

Turns 279

Cor. +

Depth

2915

Shot or lead

Bottom

bu. os

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		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	4820	203
	3400	<u>2743</u>	31
	3500	2077	472
	3600		<u>2743</u>
	3700		2915
	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:

5

507. 3019

No. 373 Survey Date December 13^d 1891
 Machine. #2 Reel. Navy

Turns 2615 Cor. + 167 Depth 2782 fms

Shot or lead 60 fms

Bottom br. gy

Bottom temperature

No. of thermometer 64485 Cor. + 0.1

Corrected temperature 35.2

Air 73 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 17.50	24.15	0		
8.50	23.35	100		
19.50	22.55	200		
20.30	22.15	300		
21.30	21.35	400		
22.45	20.45	500		
23.50	19.55	600		
24.55	19.15	700		
26.05	18.30	800		
27.15	17.45	900		
28.30	16.55	1000		
29.40	15.50	1100		
31.00	13.50	1200		
32.20	12.45	1300		
33.40	11.35	1400		
35.50	10.30	1500		
36.20	09.15	1600		
37.40	08.00	1700		
38.55	06.50	1800		
40.35	05.40	1900		
42.05	04.30	2000		
43.50	02.55	2100		
45.35	9. 01.25	2200		
47.20	01.10	2300		
49.05	8. 58.25	2400		

Pa. ...
 Re. ...

1111

50. 55	57. 05	2500	4820	203
	55. 30	2600	<u>2615</u>	36
53. 15	8. 54. 10	2700	2205	<u>167</u>
		2800		2615
		2900		<u>2782</u>
		3000		
		3100		
		3200		
		3300	4820	203
		3400	<u>2615</u>	36
		3500	2205	<u>167</u>
		3600		2615
		3700		<u>2782</u>
		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:

507. 3020

No. 344 Survey Date Oct 11

Sigsbee Machine. Reel.

Turns 2483 Cor. + 17 Depth 2651

Shot or lead 60 lbs

Bottom br. Gy.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 71 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
00	12-30	100		
01	11-45	200		
02	11-00	300		
07.05	10-00	400		
08.05	09-00	500		
	08-15	600		
10.00	07-00	700		
11.10	06-00	800		
	05-45	900		
	03-45	1000		
12.00	02-45	1100		
15.45	01-45	1200		
05	12-00-45	1300		
20	59-30	1400		
45	58-00	1500		
10	56-00	1600		
2.35	53	1700		
		1800		
25.30	50.30	1900		
26.50	44	2000		
		2100		
30.35	41	2200		
32.30	39	2300		
34.05	16.38	2400		

12 21 60
12 21 60
17/10

11.36.00	11.37.00	2500 ^{8.5}	4709	221
		2600	<u>2483</u>	50
		2700	2226	<u>174</u>
		2800		<u>2483</u>
		2900		<u>2654</u>
		3000		
		3100		
		3200		
		3300	4709	221
		3400	<u>2483</u>	50
		3500	2226	<u>171</u>
		3600		<u>2483</u>
		3700		<u>2654</u>
		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:

3021

No. 575 Survey, Date Dec 2 1885

Sigsbee Machine. #1 Reel. Navy.

Turns 2378 Cor. + 167 Depth 2545 fms.

Shot or lead 60 lbs.

Bottom br. Sg.

Bottom temperature

No. of thermometer Cor. —

Corrected temperature

Air 74 Surface Drift —

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
49-30	46-30	0		
	45-30	100		
	44-30	200		
	43-30	300		
53-30	42-30	400		
54-30	41-30	500		
	40-30	600		
	39-30	700		
	38-30	800		
	37-30	900		
	36-30	1000		
	35-30	1100		
	34-30	1200		
	33-30	1300		
	32-30	1400		
	31-30	1500		
	30-30	1600		
	29-30	1700		
11-00	29-45	1800		
		1900		
		2000		
15-20	26-00	2100		
17-00	24-45	2200		
18-45	23-30	2300		
20-00	2-22-45	2400		

12' and 1/2
 8'

		2500	1707	221
		2600	2371	54
		2700	2531	167
		2800		2378
		2900		2545
		3000		
		3100		
		3200		
4707	2278	3300	4707	251
7078	221	3400	2371	54
2237	24	3500	2271	167
	167	3600		2378
	2378	3700		2476
	2545	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.

3072

No. 200 Survey Date Dec. 13/9.
Machine. #11 Reel. Mary
Turns Cor. + 11... Depth 24 1/2

Shot or lead, 35 lbs

Bottom gy. s. gy.

Bottom temperature

No. of thermometer Cor. 10.1

Corrected temperature 35.2

Air 72 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		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	4709	221
2600	2311	57
2700	<u>2398</u>	164
2800		<u>2311</u>
2900		2475
3000		
3100		
3200		
3300	4709	221
3400	<u>2311</u>	57
3500	2398	164
3600		<u>2311</u>
3700		2475
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:

3073

No. 389 Survey Date Dec. 13^d, 1891

Machine. 1 Reel. vramf

Turns 2209 Cor. + 100 Depth 2463

Shot or lead 35.0

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 72 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 58 30	54 10	0		
		100		
7. 00 10	52 30	200		
01. 05	52. 00	300		
02. 10	51. 20	400		
03. 15	50. 35	500		
		600		
05. 15	49. 50	700		
06. 30	48. 10	800		
07 45	47	900		
08. 50	46. 10	1000		
10. 10		1100		
11. 30	44. 05	1200		
12. 50	42. 10	1300		
14. 15	41. 10	1400		
15. 40	40. 30	1500		
16. 55	39. 20	1600		
18. 20	38. 20	1700		
19. 55	37. 10	1800		
21. 20	35. 40	1900		
22. 40	34. 45	2000		
24. 20	34. 10	2100		
27. 10	32. 30	2200		
29. 10	30. 10	2300		
		2400		

	2500		
	2600		2.7
	2700	2.4	
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4.1	
	3400	<u>2299</u>	<u>57</u>
	3500	2410	164
	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:

3024

No. 375 Date Dec 13 1891

Sigsbee Machine #1 Reel. 1st

Turns 2313 Cor. + 164 Depth 2477 fms

Shot or lead 60 lbs.

Bottom br. Gy.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 71 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
36-45	30-00	0		
38-15	29-00	100		
39-30	28-15	200		
40-30	27-30	300		
41-45	26-45	400		
42-45	26-00	500		
44-00	25-15	600		
45-05	24-15	700		
46-10	23-30	800		
47-15	22-45	900		
48-00	22-00	1000		
	21-15	1100		
51-15	20-30	1200		
	19-30	1300		
52-00	18-45	1400		
	18-00	1500		
56-00	17-00	1600		
	16-00	1700		
59-00	15-00	1800		
61-00	14-00	1900		
	13-00	2000		
64-00	12-00	2100		
65-40	11-00	2200		
67-20	10-00	2300		
67-35	10-09-45	2313		
		2400		

Interval 12' -
 50.7
 61/100
 while

2500	4709	221
2600	<u>2313</u>	<u>57</u>
2700	2396	164
2800		<u>2313</u>
2900		<u>2477</u>
3000		
3100		
3200		
3300	4709	221
3400	<u>2313</u>	<u>57</u>
3500	2396	164
3600		<u>2313</u>
3700		<u>2477</u>
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:

371.

No. *5072*

Date *Jan 1897*

Agplie Machine. *1* Reel. *North*

Turns *2330* Cor. + *165* Depth *2485*

Shot or lead *60 lb*

Bottom *tr. G.*

Bottom temperature *35.5*

No. of thermometer *1240.5* Cor. *+0.1*

Corrected temperature *35.4*

Air *71* Surface *71* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		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	17.0
	3400	<u>2320</u>
	3500	2389
	3600	
	3700	
	3800	
	3900	
	4000	

221
5
165
2320
2485

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		4709	0.21	
100		<u>2320</u>		
200		2389	0.165	
300			0.82	
400			1.85	
500				
600				
700				
800				
900				
1000				

REMARKS:

3026

No. *377* Date *11/11/04*

Machine *Dugan* Reel *1100*

Turns *240* Cor. + *160* Depth *240*

Shot or lead *60 lb.*

Bottom *br. gy.*

Bottom temperature

No. of thermometer _____ Cor.

Corrected temperature _____

Air *69* Surface *74* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
<i>3-57-0</i>		200		
<i>3-03-</i>		300		
<i>03-</i>		400		
<i>04-</i>		500		
<i>05-</i>		600		
<i>06-</i>		700		
		800		
<i>08-</i>		900		
<i>0-</i>		1000		
		1100		
<i>17-20</i>		1200		
		1300		
		1400		
<i>16-20</i>		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	47.5	2.2
	3400	47.5	2.2
	3500	47.5	2.2
	3600	47.5	2.2
	3700	47.5	2.2
	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:

507.

3027

No. *281 Date *July 1907*

Sigsbee Machine #1 Reel. *Heavy*

Turns Cor. + *11.5* Depth *11.5*

Shot on lead *60 lbs*

Bottom *br. gy.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *69* Surface *74* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
5.37.00		0
38.05	34.10	100
39.10	33.00	200
40.05	32.55	300
41.05	31.50	400
42.10	30.50	500
43.20	30.25	600
44.35	29.30	700
	28.40	800
47.05	27.45	900
48.15	26.50	1000
49.30	25.55	1100
50.45	24.55	1200
52.10	24.00	1300
53.30	23.00	1400
54.50	22.00	1500
56.10	21.00	1600
57.35	20.05	1700
59.10	18.50	1800
60.30	17.50	1900
01.55	16.05	2000
03.35	15.00	2100
	14.00	2200
06.55	12.15	2300
	11.40	2400

	2500	4700	221
	2600		56
	2700	2574	165
	2800		2335
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		221
	3500		
	3600		5
	3700		2335
	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:

W. C. H. 2026

No. 382 Survey. Date *2/1/1901*
 Machine. * / Reel.

Turns 2419 Cor. + 168 Depth 2587 fms.

Shot or lead 60 lbs.

Bottom br. Gy.

Bottom temperature 35.6

No. of thermometer 69485 Cor. + 0.1

Corrected temperature 35.7

Air 73 Surface 74 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-10-30	10-30	0		
12-00	09-30	100		
13-00	08-35	200		
14-00	07-45	300		
15-00	06-40	400		
16-00	05-45	500		
17-00	05-00	600		
18-00	04-00	700		
19-00	03-00	800		
20-00	02-00	900		
21-00	01-00	1000		
22-15	9-00-00	1100		
23-30	59-00	1200		
24-45	58-00	1300		
26-00	57-15	1400		
27-15	56-00	1500		
28-30	54-45	1600		
30-00	53-30	1700		
32-00	52-15	1800		
33-30	51-00	1900		
35-15	49-45	2000		
37-00	48-30	2100		
38-30	47-15	2200		
40-15	46-00	2300		
42-00	8-44-45	2400		

Interval 12'
 Avg. 98.7
 Rate 9 1/10 knots while reeling in

1
A.M.

8-42-30

8-44-15

2419	4709	221
2500	2419	40
2600		
2700	2240	151
2800		2410
2900		2600
3000		
3100	4709	221
3200	2419	55
3300	2240	168
3400		2410
3500		2700
3600		
3700		221
3800	2419	55
3900	2240	168
4000		2410

258.7

SERIAL TEMPERATURES.

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

REMARKS:

507

3029

No. 588 Date Dec 2 1897
 Machine Sigsbee Reel
 Turns 2388 Cor. + 167 Depth 2555
 Shot ~~or lead~~ 60 lbs.
 Bottom sh. G.
 Bottom temperature —
 No. of thermometer — Cor. —
 Corrected temperature —
 Air 74 Surface 74 Drift —
 Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-45-45	29-30	0		
46-45	32-45	100		
47-45	38-10	200		
48-45	37-30	300		
49-45	36-40	400		
50-45	35-45	500		
51-45	34-45	600		
52-45	33-30	700		
53-45	32-30	800		
54-45	31-30	900		
55-45		1000		
56-45	29-30	1100		
57-50	28-30	1200		
58-55	27-30	1300		
11-1-15	26-30	1400		
01-15	25-30	1500		
02-45	24-30	1600		
04-00	23-30	1700		
05-30	22-30	1800		
07-00	21-30	1900		
08-30	20-30	2000		
10-00	19-30	2100		
11-45	18-30	2200		
13-30	17-15	2300		
15-00	16-00	2388		
		2400		

Log over

2555 fms
 114
 1300
 1500
 1700
 1900
 2100
 2300
 2500
 2700

2500	4709	221
2600	<u>2388</u>	54
2700	2321	167
2800		<u>2388</u>
2900		2555
3000		
3100		
3200		
3300	4709	221
3400	<u>2388</u>	54
3500	2321	167
3600		<u>2388</u>
3700		2555
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:

3030

No. *3030* Date

Machine. Reel. *21. 0. 0. 1.*

Turns *169* Cor. + Depth *261*

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *72* Surface *70* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
<i>10</i>	<i>4</i>	100		
<i>20</i>	<i>0</i>	200		
	<i>11-21</i>	300		
	<i>10-10</i>	400		
<i>30</i>	<i>8-10</i>	500		
	<i>10-10</i>	600		
		700		
		800		
	<i>16-40</i>	900		
	<i>15-50</i>	1000		
	<i>04-30</i>	1100		
<i>31-30</i>	<i>04-0</i>	1200		
	<i>03-0</i>	1300		
		1400		
		1500		
		1600		
	<i>10-15</i>	1700		
		1800		
	<i>1</i>	1900		
	<i>6</i>	2000		
<i>113-50</i>	<i>7</i>	2100		
		2200		
		2300		
<i>40-0</i>	<i>1</i>	2400		

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

4709
2433
 2276

221
52
 169
2433
 2602

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		4709		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 260 Date

Machine. Reel.

Turns 2478 Cor. + 171 Depth 2

Shot or lead

Bottom

Bottom temperature

No. of thermometer 69485 Cor. 70.1

Corrected temperature

Air 73 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

45. 00

0

46. 30

100

200

47. 20

47. 20

300

48. 10

48. 10

400

49. 00

49. 00

500

600

50. 20

700

51. 10

51. 10

800

52. 00

900

53. 20

53. 20

1000

54. 30

54. 30

1100

55. 40

55. 40

1200

56. 50

56. 50

1300

57. 10

57. 10

1400

58. 30

58. 30

1500

59. 10

59. 10

1600

60. 05

60. 05

1700

61. 20

61. 20

1800

62. 40

62. 40

1900

63. 00

63. 00

2000

64. 15

64. 15

2100

65. 00

65. 00

2200

66. 15

66. 15

2300

67. 40

67. 40

2400

AM

PM

4.20.00	4.22.00	2500	4709	221
		2600	2478	50
		2700	2231	171
		2800		2478
		2900		2649
		3000		
		3100		
		3200		
		3300		
		3400	4709	221
		3500	2478	50
		3600	2231	171
		3700		2478
		3800		2649
		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:

3032

No. 386 Survey. Date Dec^r 14th 1891-

Sigsbee Machine. #1 Reel. Navy.

Turns 2524 Cor. + 172 Depth 2696 fms.

Shot or lead 60 lbs.

Bottom br. Gy.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 72 Surface 74 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-18-15	15-30	0		
19-30	14-30	100		
20-30	14-00	200		
21-30	13-30	300		
22-30	12-45	400		
23-30	12-00	500		
24-30	11-00	600		
25-30	10-00	700		
26-35	09-00	800		
27-40	08-00	900		
28-45	07-00	1000		
30-00	06-00	1100		
31-15	05-00	1200		
32-30	04-00	1300		
33-45	03-00	1400		
35-00	02-00	1500		
36-15	01-00	1600		
37-30	7-00-00	1700		
38-45	59-00	1800		
40-00	58-00	1900		
41-30	57-00	2000		
42-00	56-00	2100		
44-00	55-00	2200		
45-15	54-00	2300		
46-45	6-53-00	2400		

Interval 12 miles
 Log read 46' 7"
 Row 8 1/10 knots while reeling in.

P.M.

6-49-00	52-00	2500
49-45	6-51-30	2524

4709	221
<u>2524</u>	49
2185	<u>172</u>
	2524
	<u>2696</u>

4709	221
<u>2524</u>	49
2185	<u>172</u>
	2524
	<u>2696</u>

49.005 -
 21.30

 1.45 -

14.15 -
 15.30

 02.45
 100.00

 61.8.15
 7.15.20

 12.33.45 -
 6.46.15

 1

4682
705 off
3977

157 Cab