

Nº 3.

Cable Survey.

—H—

33 Oct 18 1890

to

145 Nov 9<sup>th</sup> 1891

—H—

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:

2752

No. 98 Survey. Date Oct 18-1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 2498 Cor. + 172

Depth 2670 fms.

Shot or lead 60 lbs.

Bottom br oz.

Bottom temperature —

No. of thermometer —

Cor. —

Corrected temperature —

Air 65 Surface 69 Drift —

Trawl or dredge —

p.m.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-50-45	04-10	0		
52-0	03-20	100		
53-0	02-40	200		
54-0	01-50	300		
55-0	01-05	400		
55-45	10-0-15	500		
57-0	59-25	600		
58-15	58-30	700		
59-25	57-25	800		
9-0-30	56-25	900		
01-50	55-20	1000		
03-0	54-10	1100		
04-20	53-50	1200		
05-35	51-40	1300		
07-0	50-5	1400		
08-15	48-25	1500		
09-45	46-50	1600		
11-05	45-0	1700		
12-35	42-55	1800		
14-0	40-30	1900		
15-35	38-20	2000		
17-25	36-30	2100		
19-10	35-0	2200		
20-55	33-0	2300		
22-35	30-25	2400		

Pat: log read 86.3  
Knots while pulling in.  
Raw

28.25	9-28-20	2498	4706	281
		2500	5498	49
		2600	2208	172
		2700		2498
		2800		2670
		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:

2753

No. 99 Survey. Date Oct 23<sup>d</sup> 1891  
 Sigsbee Machine. #1 Reel. Navy.

Turns 125 Cor. + 11 Depth 136 fms  
 Shot or lead 60 lbs. 35

Bottom gn. M.

Bottom temperature

No. of thermometer 68848 Cor.

Corrected temperature

Air 68 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.51.10	56.30	0		
53.50	55.00	100		
54.10	11.54.20	125 200		
		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 46.6.  
 Raw — knots while reeling in.

4706  
128-  
4581

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

221  
210  
11

# SERIAL TEMPERATURES.

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

REMARKS:

K.C. 2754

No. 100 Survey. Date Oct 23-1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 159 Cor. + 14 Depth 173 fms.

~~Shot or lead~~ 35 lbs.

Bottom gn. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 68 Surface 60 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-04-00	10-00	0		
06-00	09-00	100		
06-45	12-08-00	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 47.6  
 Raw  $2\frac{1}{10}$  knots while reeling in.

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

4709  
159  
4550

221  
207  
14  
159  
173

# SERIAL TEMPERATURES.

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

REMARKS:

22



NO. 2755

No. 101 Survey. Date Oct. 23-1891.

Sigsbee Machine. 1 Reel. Navy.

Turns 204 Cor. + 19 Depth 223 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 68 Surface 60 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-18-45	25-00	0		
19-45	23-45	100		
21-00	12-22-30	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 48.6 -  
 Raw 24.10 knots while reeling in.

	2500	4709	221
	2600	<u>204</u>	<u>202</u>
	2700	4505	19
	2800		<u>204</u>
	2900		<u>223</u>
	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:

1507. 2756

No. 102 Survey. Date Oct: 23<sup>rd</sup> 1891.  
 Signature Machine. #1 Reel. Navy.

Turns 185 Cor. + 17 Depth 202 fms.

Shot or lead 35 lbs.

Bottom gn. M. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 68 Surface 60 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-33-00	38-00	0		
34-15	37-00	100		
35-10	12-36-00	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 49.6 -  
 Raw 1/10 knots while pulling in.

	2500	4706	220
	2600	185	203
	2700	4521	17
	2800		185
	2900		202
	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:

107.

2758

No. 103 Survey. Date Oct 23-1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 255 Cor. + 22 Depth 277 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 68 Surface 60 Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12-46-45 55-00  
48-00 54-00  
49-45 53-00  
50-30 12-52-00

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

Pat. log read 50.6  
Ran 3 3/10 knots while reeling in.

	2500	4706	220
	2600	<u>255</u>	<u>198</u>
	2700	4451	22
	2800		<u>255</u>
	2900		<u>277</u>
	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:

2759

No. 104 Survey. Date Oct-23-1891.  
 Sigsbee Machine. \* 1 Reel. Vary.  
 Turns 278 Cor. + 24 Depth 302 fms.  
 Shot or lead 35 lbs.  
 Bottom gn. M.  
 Bottom temperature —  
 No. of thermometer — Cor. —  
 Corrected temperature —  
 Air 63 Surface 60 Drift —  
 Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-02-30	11-15	0		
04-00	10-30	100		
06-00	09-45	200		
07-30	1-09-00	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 57.6  
 Ran — knots while reeling in.

	2500	470.6	220
	2600	<u>278</u>	<u>196</u>
	2700	4428	24
	2800		<u>278</u>
	2900		<u>302</u>
	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:



607.

2760

No. 105 Survey. Date Oct<sup>r</sup> 23-1891.

Sigsbee Machine. \*1 Reel. Navy.

Turns 235 Cor. + 20 Depth 255 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature —

No. of thermometer —

Cor. —

Corrected temperature —

Air 63 Surface 60

Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1-20-30	28-15	0
22-00	27-30	100
23-30	26-45	200
24-00	1-26-00	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 52.6  
Raw 2 1/10 knots while reeling in.

	2500	4706	220
	2600	<u>235</u>	<u>200</u>
	2700	4471	20
	2800		<u>235</u>
	2900		255
	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:

2761

No. 106 Survey. Date Oct- 23-1891-  
 Sigbee Machine. #1 Reel. Tavy-  
 Turns 385 Cor. + 33 Depth 418 fms.  
 Shot or lead 35 lbs.  
 Bottom gn. M.  
 Bottom temperature —  
 No. of thermometer — Cor. —  
 Corrected temperature —  
 Air 63 Surface 60 Drift —  
 Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-36-00	46-30	0		
37-30	45-45	100		
39-00	44-45	200		
40-30	44-00	300		
41-45	1-43-00	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. log read 53.6 -  
 Raw 3/10 knots while reeling in.

	2500	4706	220
	2600	385	187
	2700	4321	33
	2800		385
	2900		418
	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:

H.C.P.

2762

No. 107 Survey. Date Oct 23-1891.

Sigsbee Machine. #1 Reel. Tany-

Turns 462 Cor. + 40 Depth 502 fms.

~~Shot or lead~~ 35 lbs.

Bottom gn. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 63 Surface 60 Drift —

Trawl or dredge —

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1-53-30

06-15

0

55-00

05-30

100

56-30

04-45

200

58-00

04-00

300

59-15

03-00

400

2-00-30

2-02-00

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Oct. log read 54.6 -  
 Ran  $2\frac{1}{10}$  knots while pulling in.

	2500	4706	220
	2600	462	180
	2700	4244	40
	2800		462
	2900		502
	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:

1702 2763

No. 108 Survey. Date Oct 23 1891.

Sigsbee Machine. 1 Reel. Navy.

Turns 456 Cor. + 39 Depth 495 fms.

Shot or lead 60 lbs.

Bottom gn. M.

Bottom temperature 39.5

No. of thermometer 68848 Cor. -0-1

Corrected temperature 39.4-

Air 60 Surface 59 Drift -

Trawl or dredge -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-14-00	24-30	0		
15-00	23-30	100		
16-00	22-45	200		
17-15	22-00	300		
18-30	21-15	400		
19-10	2-20-30	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. log read 55.6 -  
 Ran 2 1/2 knots while reeling in.

	2500	4706	220
	2600	456	181
	2700	4250	39
	2800		456
	2900		495
	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:



2764

No. 109 Survey. Date Oct-23-1891-

Sigsbee Machine. #1 Reel. Navy.

Turns 113 Cor. + 9 Depth 122 fms.

Shot ~~or lead~~ 60 lbs.

Bottom gy. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 60 Surface 59 Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2-31-30

36-00

0

32-45

2-34-30

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Pat. log read 56.6  
Ran — knots while reeling in.

	2500	4706	220
	2600	<u>113</u>	<u>211</u>
	2700	4593	9
	2800		<u>113</u>
	2900		122
	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:

*K.D.* 2765

No. 110 Survey. Date Oct 23-1891.

Sigsbee Machine. #1 Reel. Tany.

Turns 406 Cor. + 35 Depth 441 fms

Shot ~~or lead~~ 60 lbs.

Bottom gn. M. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 60 Surface 59 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-45-30	56-00	0		
46-45	55-15	100		
48-30	54-30	200		
50-00	53-45	300		
51-30	2-53-00	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. log read 57.6 -  
 Raw — knots while reeling in

	2500	4706	220
	2600	406	185
	2700	4300	35
	2800		406
	2900		441
	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:

2766

No. 111 Survey. Date Oct. 23-1891.

Sigsbee Machine. # 1 Reel. Navy.

Turns 179 Cor. + 17 Depth 196 fms.

Shot or lead 60 lbs.

Bottom gn. M. S.

Bottom temperature

No. of thermometer 68848 Cor.

Corrected temperature

Air 60 Surface 58 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3-06-00 11-30  
07-30 10-15  
08-15 3-09-30

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

Pat. log read 58.6 -  
Raw knots while reeling in.

2500	4706	220
2600	179	203
2700	4527	17
2800		179
2900		196
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:

1891

2767

No. *\*112* Survey Date *Oct 23-1891*

Sigsbee Machine. *\*1* Reel. *vary.*

Turns *186* Cor. + *16* Depth *202 fms.*

Shot or lead *60 lbs.*

Bottom *dk. s. gn. M.*

Bottom temperature *44.8*

No. of thermometer *68848* Cor. *-*

Corrected temperature *44.8*

Air *60* Surface *58* Drift *-*

Trawl or dredge *-*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*3-22-00* *28-00*  
*23-30* *27-15*  
*25-00* *3-26-30*

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

*Pat. log read 59.6 -*  
*Knots while reeling in.*  
*Ran*

2500	4706	220
2600	186	204
2700	4520	16
2800		186
2900		202
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:



11 C.O. 2768

No. 113 Survey. Date Oct-23-1891.  
 Sigbee Machine. #1 Reel. Navy.  
 Turns 343 Cor. + 30 Depth 373 fms.  
 Shot or lead 60 lbs.  
 Bottom gn. M. S.  
 Bottom temperature —  
 No. of thermometer — Cor. —  
 Corrected temperature —  
 Air 60 Surface 58 Drift —  
 Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-37-00	45-45	0		
38-30	45-00	100		
39-45	44-15	200		
41-00	43-30	300		
41-45	3-43-00	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. log read 60.6 -  
 Rain — knots while reeling in.

2500

4706

220

2600

343

190

2700

4363

30

2800

343

2900

373

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:

507. 2769

No. 114 Survey Date Oct: 23-1891  
 Sigbee Machine. \* 1 Reel. Rang.

Turns 405 Cor. + 35 Depth 440 fms.

Shot or lead 60 lbs.

Bottom gy. m.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 59 Surface 58 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-56-15	09-45	0		
58-15	09-50	100		
4-02-25	08-0	200		
02-45	07-40	300		
08-0	4-05-30	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. log read 61-6  
 Knots while reeling in.  
 Raw

011712

	2500	4706	220
	2600	405	185
	2700	4301	35
	2800		405
	2900		440
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4706	220
	3600	405	185
	3700	43	35
	3800		405
	3900		440
	4000		

### SERIAL TEMPERATURES.

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

REMARKS:

2770

No. 115 Survey Date Oct. 23/91.

Sigsbee Machine. #1 Reel. Cary

Turns 250 Cor. + 21 Depth 271 fms.

Shot or lead 60 lbs.

Bottom fine gy S

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 59 Surface 58

Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4-19-15

56-20

0

30-30

45-45

100

32-0

35-0

200

32-0

34-0

250

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 626 —  
 Raw knots while reeling in.

	2500	4706	720
	2600	350	144
	2700	4456	21
	2800		
	2900		
	3000		
	3100	4706	220
	3200	250	144
	3300	4456	22
	3400		250
	3500		22
	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:

2771

2771

No. 116 Surrey Date Oct. 28/91

Sigsbee Machine. #1 Reel. Tary.

Turns 268 Cor. + 33 Depth 291 fms.

Shot or lead 60 lbs.

Bottom gy. m. + S

Bottom temperature 42.0

No. of thermometer 68848 Cor. -

Corrected temperature 42.0

Air 59 Surface 57 Drift -

Trawl or dredge

Now

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

4-38-40

46-40

0

39-50

45-30

100

41-0

44-30

200

41-50

4-43-40

268  
300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	4706	220
	2600	268	197
	2700	4438	23
	2800		
	2900		
	3000	4706	220
	3100	268	197
	3200	4438	23
	3300		268
	3400		291
	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:



Feb 2772

No. 117 Survey Date Oct 23<sup>rd</sup> 1909  
 Machine. #1 Reel. Navy  
 Turns 315 Cor. + 25 Depth 343 fms.  
 Shot or lead 60 lb  
 Bottom gn. M. S.  
 Bottom temperature —  
 No. of thermometer — Cor. —  
 Corrected temperature —  
 Air 59 Surface 58 Drift —  
 Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4:56 20	02.40	0		
57. 15	02.50	100		
58. 20	01.15	200		
59. 30	5.00.06	300		
59. 40	4.59.50	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

8 fms 64.6

	2500	4706 315 <u>4391</u>	220 192 <u>28</u>
	2600		
	2700		
	2800		
	2900	4706	220
	3000	315	192
	3100	4391	28
	3200		315
	3300		343
	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:

813 107. 2773

No. 118 Survey Date Oct 23<sup>rd</sup> 1911

Sigsbee Machine. — Reel. —

Turns 364 Cor. + 31 Depth 395 fms

Shot or lead 60 lbs

Bottom gn m + s

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 59 Surface 57 Drift —

Trawl or dredge —

P.M.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5 13.00	121.45	0
14.15	21.0	100
15.10	20.25	200
16.30	19.40	300
17.00	5-18.35	364 400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

P. Log 65-6

2500	47.06	220
2600	364	184
2700	4342	311
2800		364
2900		395
3000		
3100	47.06	220
3200	364	188
3300	4342	32
3400		364
3500		396
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:

2774

No. 119 Survey Date Oct 28/91  
 Sigsbee Machine. #1 Reel. Tary

Turns 432 Cor. + 37 Depth 469 fms.

Shot or lead 60 lbs

Bottom gn m s.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 59 Surface 56 Drift —

Trawl or dredge —

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
5-36-0	34-55	0		
32-05	34-10	100		
33-10	38-45	200		
34-10	37-0	300		
35-10		400		
35-50	5-36-10	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. 2-4-94 read. 66-6

	2500	4706	520
	2600	482	183
	2700	4274	37
	2800		432
	2900		469
	3000		
	3100	4706	220
	3200	432	183
	3300	4274	37
	3400		432
	3500		469
	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:

2775

No. 120 Sundry Date Oct. 13/91  
 Sigbee Machine. #1 Reel. 4444  
 Turns 560 Cor. + 47 Depth 607 fms.  
 Shot or lead 60 lbs  
 Bottom gn. m. fine sand.  
 Bottom temperature 37.8  
 No. of thermometer 68848 Cor. -0.1-  
 Corrected temperature 37.7  
 Air 58 Surface 56 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-55-55	05.10	0		
54-0	04.05	100		
55-0	03.05	200		
56-0	02.15	300		
57-0	01.30	400		
58-25	00.30	500		
59-10	6.00.00	560		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat-Lay road 67-6  
 Rand's dredging

	2500	4756	220
	2600	520	173
	2700	4146	47
	2800		
	2900		
	3000	4706	220
	3100	520	173
	3200	4146	47
	3300		520
	3400		607
	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. 121 Survey Date Oct 23, 1877

Sigsbee Machine. 1 Reel. Heavy

Turns 684 Cor. + 54 Depth 691 fms

Shot or lead 60 lbs

Bottom gn. m. + s.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 58

Surface 57

Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
6.13.40	29.30	0		
15.45	28.15	100		
16.50	27.25	200		
17.50	26.35	300		
19.00	25.50	400		
20.10	25.00	500		
21.25	24.00	600		
21.50	6.23.00	684		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put log 686  
Run - making in.

	2500	4706 634 4069	220 169 54
	2600		
	2700		
	2800		
	2900	4706	220
	3000	637	166
	3100	4069	54
	3200		637
	3300		691
	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. 122 Survey Date Oct 23/89

Sigsbee Machine. <sup>21</sup> Reel.

Turns 904 Cor. + 75 Depth 979 fms

Shot or lead 60 lbs

Bottom gn. m. s.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 58 Surface 56 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
6.40.50	02.10	0		
42.20	01.45	100		
43.30	01.15	200		
44.45	00.45	300		
46.05	7.00.00	400		
47.15	59.00	500		
48.30	58.00	600		
49.45	57.10	700		
51.05	56.00	800		
52.10	6.55.00	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat log read 69.6

		4706	200
		904	145
2500		<u>3802</u>	<u>55</u>
2600			904
2700			<u>959</u>
2800			
2900			
3000		4706	220
3100		904	145
3200		<u>3802</u>	<u>75</u>
3300			904
3400			<u>979</u>
3500			
3600			
3700			220
3800			<u>145</u>
3900			<u>75</u>
4000			<u>979</u>

# SERIAL TEMPERATURES.

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

REMARKS:

2778

No. 123 Survey. Date Nov<sup>r</sup> 7<sup>th</sup> 1891.  
 Sigbee Machine. #1 Reel. Vary.

Turns 2469 Cor. + 170 Depth 2639 fms.

Shot ~~on lead~~ 60 lb 8-

Bottom bn. m. Lava.

Bottom temperature -

No. of thermometer - Cor. -

Corrected temperature -

Air 66 Surface 69 Drift -

Trawl or dredge -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-25-00	36-20	0		
26-30	35-20	100		
27-45	34-25	200		
29-00	33-25	300		
30-00	32-20	400		
31-15	31-25	500		
32-15	30-20	600		
33-15	29-10	700		
34-30	28-0	800		
35-45	26-40	900		
37-00	25-30	1000		
38-15	24-10	1100		
39-30	22-55	1200		
40-45	21-35	1300		
42-00	20-15	1400		
43-15	18-45	1500		
44-30	17-25	1600		
45-45	16-0	1700		
47-00	14-15	1800		
48-30	10-45	1900		
49-45	08-45	2000		
51-15	06-45	2100		
52-30	03-45	2200		
54-00	01-45	2300		
55-30	12-00-15	2400		

knots white red line in

Made 1 659-0000

P.M.

11-56-30	11-59-30	2469		
		2500	47.06	220
		2600	2469	50
		2700	2237	170
		2800		2469
		2900		2639
		3000		
		3100		
		3200		
		3300	47.06	220
		3400	2469	50
		3500	2237	170
		3600		2469
		3700		2639
		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. *124 Survey* Date *Nov. 8<sup>th</sup> 91.*  
*Sigsbee* Machine. # *1* Reel. *Wing*  
 Turns *2555* Cor. + *165* Depth *2520 fms.*  
 Shot or lead *60 lbs*  
 Bottom *fn. m.*  
 Bottom temperature *35.0*  
 No. of thermometer *69 473* Cor. + *0.1*  
 Corrected temperature *35.1*  
 Air *66* Surface *67* Drift  
 Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>1-41-0</i>	<i>46-30</i>	<i>0</i>
<i>42-30</i>	<i>47-0</i>	<i>100</i>
<i>43-45</i>	<i>45-40</i>	<i>200</i>
<i>44-55</i>	<i>44-35</i>	<i>300</i>
<i>46-15</i>	<i>43-30</i>	<i>400</i>
<i>47-30</i>	<i>42-10</i>	<i>500</i>
<i>48-40</i>	<i>41-50</i>	<i>600</i>
<i>49-50</i>	<i>40-30</i>	<i>700</i>
<i>51-05</i>	<i>39-0</i>	<i>800</i>
<i>52-20</i>	<i>37-30</i>	<i>900</i>
<i>53-40</i>	<i>36-0</i>	<i>1000</i>
<i>54-50</i>	<i>34-30</i>	<i>1100</i>
<i>56-5</i>	<i>33-05</i>	<i>1200</i>
<i>57-20</i>	<i>31-35</i>	<i>1300</i>
<i>58-35</i>	<i>30-5</i>	<i>1400</i>
<i>59-55</i>	<i>28-30</i>	<i>1500</i>
<i>2-01-30</i>	<i>26-50</i>	<i>1600</i>
<i>03-0</i>	<i>25-0</i>	<i>1700</i>
<i>04-15</i>	<i>23-45</i>	<i>1800</i>
<i>05-35</i>	<i>22-20</i>	<i>1900</i>
<i>06-55</i>	<i>20-50</i>	<i>2000</i>
<i>08-15</i>	<i>19-15</i>	<i>2100</i>
<i>09-35</i>	<i>18-0</i>	<i>2200</i>
<i>10-0</i>	<i>16-30</i>	<i>2300</i>
<i>12-0</i>	<i>15-15</i>	<i>2400</i>

- added 1-6 knots while reeling in -

2500	4706	520
2600	2355	55
2700	2351	165
2800		355
2900		2520
3000		
3100		
3200	4706	220
3300	2355	55
3400	2351	165
3500		2355
3600		2520
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:



2780

No. 125 Survey Date Nov. 8/91

Machine. 1. Reel. 14.

Turns 2478 Cor. + 170 Depth 2648 fms

Shot or Lead 60 lb

Bottom fn. G.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 64 Surface 64 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
3-52-0	11.40	0		
53-45	10.50	100		
55-0	09.55	200		
56-15	09.00	300		
57-30	07.55	400		
58-40	06.45	500		
00-0-0	05.35	600		
01-35	04.25	700		
02-40	03.10	800		
03.50	01.50	900		
05.30	5.00.30	1000		
07.00	59.10	1100		
08.40	57.20	1200		
10.10	55.40	1300		
11.35	54.00	1400		
13.00	52.10	1500		
14.40	50.10	1600		
16.00	48.10	1700		
17.25	46.10	1800		
19.00	44.10	1900		
20.35	42.15	2000		
22.10	40.05	2100		
23.45	37.10	2200		
24.15	35.25	2300		
26.55	4.33.25	2400		

Winder 1.8' wheel while reeling in

4. 28.00	4. 30.00	2478	4706	
		2500	2478	
		2600	2228	
		2700		
		2800		220
		2900		50
		3000		170
		3100		
		3200		
		3300	4706	220
		3400	2478	50
		3500	2228	170
		3600		2478
		3700		2648
		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:

8613 2781

No. 126 Survey Date Nov. 8<sup>th</sup> '91

Sigsbee Machine. #1 Reel. Navy

Turns 2347 Cor. + 165 Depth 2512 fms.

Shot or lead 60 lbs

Bottom m. G.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 64 Surface 64 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6 15 50	35 40	0		
16 30	34 45	100		
17 30	33 45	200		
18 30	32 45	300		
19 30	31 45	400		
20 35	21 20	500		
21 45	20 30	600		
22 45	19 20	700		
23 50	18 10	800		
25 05	17 30	900		
26 15	16 20	1000		
27 20	15 10	1100		
28 40	14 00	1200		
29 55	12 20	1300		
31 15	10 45	1400		
32 25	09 10	1500		
34 05	07 25	1600		
35 25	05 30	1700		
36 41	03 45	1800		
38 25	7. 01 45	1900		
40 00	59 55	2000		
41 35	58 00	2100		
42 50	55 30	2200		
44 40	51 50	2300		
46 00	49 00	2400		

Blues 98 9. Made 2 cuts while reeling in

	2500	<del>440.64</del>	<del>2344</del>
	2600	<del>2359</del>	<del>220</del>
	2700		<del>55</del>
	2800		<del>165</del>
	2900		
	3000		
	3100	4706	220
	3200	<u>2347</u>	<u>55</u>
	3300	2359	165
	3400		<u>2347</u>
	3500		2512
	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. 2782

No. 127 Survey. Date Nov<sup>r</sup> 8<sup>th</sup> 1891.

Sigsbee Machine. #1 Reel. Vary-

Turns 2548 Cor. + 173 Depth 2721 fms.

Shot or lead 60 lbs.

Bottom m. gy.

Bottom temperature 35.° -

No. of thermometer 69473 Cor. + 0.1

Corrected temperature 35.°

Air 65 Surface 68 Drift -

Trawl or dredge -

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
8-35-00	41-15	0		
35-45	40-30	100		
36-30	39-45	200		
37-30	38-50	300		
38-30	37-50	400		
39-30	36-40	500		
40-30	35-30	600		
41-30	34-20	700		
42-30	33-10	800		
43-30	32-00	900		
44-30	30-50	1000		
45-45	29-45	1100		
47-00	28-30	1200		
48-15	27-00	1300		
49-30	25-45	1400		
50-45	24-00	1500		
52-00	22-15	1600		
53-30	20-45	1700		
54-45	19-15	1800		
56-15	17-45	1900		
57-45	16-15	2000		
59-00	14-30	2100		
9-00-30	13-00	2200		
02-00	11-30	2300		
03-30	9-10-00	2400		

Pat. log read - 8.6 -

Ran 5 1/10 knots while reeling in.

A.M.					
9-05-00	08-30	2500	4706	220	
05-45	09-07-30	2600	2548	47	
		2700	2158	173	
		2800		2548	
		2900		2721	
		3000			
		3100			
		3200			
		3300			
		3400	4706	220	
		3500	2548	47	
		3600	2158	173	
		3700		2548	
		3800		2721	
		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:

2782

No. 128 Survey Date Nov. 7<sup>th</sup> 1891.

Sigsbee Machine. #1 Reel. No. 9.

Turns 2265 Cor. + 160 Depth 2425 fms.

Shot ~~on lead~~ 60 lbs.

Bottom bn. gy. bk. sp.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 66 Surface 68 Drift —

Trawl or dredge —

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
10-49-00	49-15	0		
49-50	48-30	100		
50-45	47-45	200		
51-45	46-45	300		
52-45	45-45	400		
53-45	44-30	500		
54-45	43-20	600		
55-45	42-00	700		
57-00	40-45	800		
58-10	39-30	900		
59-20	38-10	1000		
11-00-30	36-45	1100		
01-50	35-20	1200		
03-00	34-00	1300		
04-15	32-30	1400		
05-35	31-00	1500		
06-50	29-30	1600		
08-15	27-45	1700		
09-30	26-15	1800		
11-00	24-15	1900		
12-30	22-30	2000		
14-00	21-00	2100		
15-35	19-15	2200		
16-10	11-18-30	2265 2300		
		2400		

Log read: 18.6.

Ran 17/10 knots while reeling in.  
Set clock back 12 minutes.



	2500	4706	220
	2600	<u>2265</u>	<u>60</u>
	2700	2441	160
	2800		<u>2265</u>
	2900		2425
	3000		
	3100		
	3200		
	3300		
	3400	4706	220
	3500	<u>2265</u>	<u>60</u>
	3600	2441	160
	3700		<u>2265</u>
	3800		2425
	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:



2784

No. 129 Survey Date Nov 8<sup>th</sup> 1891

Sigsbee Machine, #1 Reel. Tarp-

Turns 2280 Cor. + 165 Depth 2442 fms

Shot or lead 60 lbs.

Bottom br m & g.

Bottom temperature 35.0

No. of thermometer 69473 Cor. +0.1

Corrected temperature 35.1

Air 68 Surface 68 Drift —

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-49-45	57-0	0		
51-20	53-0	100		
52-25	52-0	200		
53-30	51-0	300		
54-35	49-50	400		
55-35	48-40	500		
57-30	47-25	600		
58-45	46-0	700		
59-45	44-35	800		
12-0-45	43-05	900		
02-0	41-35	1000		
03-05	40-0	1100		
04-30	38-40	1200		
05-45	37-10	1300		
06-55	35-40	1400		
08-15	34-10	1500		
09-40	32-30	1600		
10-40	30-50	1700		
11-25	29-10	1800		
12-0	27-30	1900		
13-10	25-50	2000		
14-35	24-30	2100		
15-5	23-0	2200		
16-30	22-20	2300		
		2400		

Log read: 21.6  
 Ran 1-4 knots while reeling in.

	2500	4706	220
	2600	2280	58
	2700	2426	162
	2800		2280
	2900		2442
	3000		
	3100		
	3200		
	3300	4706	220
	3400	2280	58
	3500	2426	162
	3600		2280
	3700		2442
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	68	69480	+0.1	68.1
50	59.2	61705	0-0	59.3
100	52.4	63919	0.0	52.4
200	46	34815	-0.3	45.7
300	41.6	68848	0.0	41.6
400	40	63902	0.0	40.0
500	39.0	52732	0.0	39.3
600	38.5	51451	-0.1	38.4
700	38	66665	-0.0	38.0
800	37.2	63913	-0.0	37.2
900	36.7	62058	-0.1	36.6
1000	36	62364	+1.1	36.1

REMARKS:

2785

2785

No. 130 Sundry Date

Nov. 8/91

Machine. 1 Reel.

Turns 2205 Cor. + 160

Depth 2415 fms

Shot or lead 60 lbs

Bottom br M + L

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 68 Surface 68 Drift

Trawl or dredge

Pull

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
2-50-45	58-10	0		
51-50	57-10	100		
53-0	56-0	200		
54-15	54-50	300		
55-25	53-40	400		
56-35	52-25	500		
57-45	51-05	600		
58-55	49-55	700		
3-0-10	48-5	800		
1-25	46-25	900		
2-40	44-40	1000		
4-0	43-0	1100		
5-20	41-0	1200		
6-40	39-10	1300		
8-5	37-25	1400		
9-25	35-10	1500		
10-45	33-40	1600		
12-5	32-05	1700		
13-30	30-25	1800		
14-50	28-50	1900		
16-20	27-20	2000		
17-50	25-50	2100		
19-40	24-10	2200		
20-15	22-30	2300		
		2400		

Log read 2205-6  
Raw 1-9 knots while reeling in.

	2500	4706	220
	2600	2255	60
	2700	2451	160
	2800		2255
	2900		2415
	3000		
	3100		
	3200		
	3300	4706	220
	3400	2255	60
	3500	2451	160
	3600		2255
	3700		2415
	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:

2786

No. 131. *Surrey* Date *Nov. 8<sup>th</sup> 1891**Sigsbee* Machine. Reel.Turns *2318* Cor. + *164* Depth *2482 fms*Shot or lead *60 lbs.*Bottom *fn. m.*Bottom temperature *35° -*No. of thermometer *6947.3* Cor. *+0.1*Corrected temperature *35.1*Air *69* Surface *68* Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DREDGE ROPE.	
			DOWN.	UP.
<i>4. 02 25</i>	<i>11-00</i>	0		
<i>03. 50</i>	<i>09-30</i>	100		
<i>05. 15</i>	<i>08-30</i>	200		
<i>06. 25</i>	<i>07-20</i>	300		
<i>07. 35</i>	<i>06-00</i>	400		
<i>08. 55</i>	<i>04-45</i>	500		
<i>10. 20</i>	<i>03-15</i>	600		
<i>11. 45</i>	<i>02-00</i>	700		
<i>13. 00</i>	<i>5 01. 05</i>	800		
<i>14. 25</i>	<i>5-9. 50</i>	900		
<i>15. 45</i>	<i>5-8. 30</i>	1000		
<i>17. 05</i>	<i>5-6. 55</i>	1100		
<i>18. 30</i>	<i>5-5. 30</i>	1200		
<i>19. 50</i>	<i>5-4. 05</i>	1300		
<i>21. 10</i>	<i>5-2. 30</i>	1400		
<i>23. 00</i>	<i>5-0. 55</i>	1500		
<i>24. 25</i>	<i>4-9. 20</i>	1600		
<i>25. 30</i>	<i>4-7. 40</i>	1700		
<i>27. 30</i>	<i>4-6. 05</i>	1800		
<i>29. 40</i>	<i>4-4. 25</i>	1900		
<i>30. 20</i>	<i>4-2. 45</i>	2000		
<i>31. 35</i>	<i>4-1. 05</i>	2100		
<i>33. 25</i>	<i>3-9. 35</i>	2200		
<i>34. 50</i>	<i>3-7. 00</i>	2300		
<i>35. 20</i>	<i>4-3. 6. 30</i>	2400		

*Log read: 28.6*  
*Ran 7/10 knots while reeling in*

		2500	4706 2318 <u>2388</u>	220 56 <u>164</u>
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	4706	220
		3300	2318 <u>2388</u>	56
		3400		164
		3500		2318
		3600		2482
		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:

N.C. 2787

No. 132 Survey Date Nov 8<sup>th</sup> 1891.

Sigsbee Machine. Reel. Navy

Turns 2397 Cor. + 167 Depth 2564 fms.

Shot ~~or lead~~ 60 lb

Bottom fn. Oz.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 69 Surface 68

Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
5-45-50	52-00	0		
46-50	50-55	100		
47-50	50-00	200		
48-50	48-55	300		
49-50	48-00	400		
51-00	46-50	500		
52-10	45-40	600		
53-20	44-20	700		
54-35	43-00	800		
55-45	41-45	900		
57-05	40-30	1000		
58-15	39-00	1100		
59-30	37-30	1200		
60-01-00	36-00	1300		
02-30	34-30	1400		
04-00	33-00	1500		
05-45	31-35	1600		
07-00	30-15	1700		
08-30	28-45	1800		
10-10	27-30	1900		
11-45	26-00	2000		
13-15	24-30	2100		
15-00	23-00	2200		
16-30	21-30	2300		
18-15	6-20-00	2397		
		2400		

Log read: 33.6  
 Ran 9 1/10 knots while reeling in.



2500	4706	220
2600	2397	53
2700	2309	167
2800		2397
2900		2564
3000		
3100		
3200		
3300		
3400	4706	220
3500	2564	
3600	2	
3700		<del>256</del>
3800	4706	220
3900	2397	53
4000	2309	167

SERIAL TEMPERATURES.

2397  
2564

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

REMARKS:



2788

No. 133 Survey Date Nov 28<sup>th</sup> 1891.

Sigsbee Machine. #1 Reel Navy.

Turns 2307 Cor. + 163 Depth 2470 fms.

Shot or lead 60 lbs.

Bottom br oz.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 69 Surface 68

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
7:25-00	41-45	0		
26-15	40-35	100		
27-15	39-30	200		
28-15	38-20	300		
29-15	37-10	400		
30-20	35-55	500		
31-30	34-30	600		
32-40	33-0	700		
33-55	31-20	800		
35-10	29-25	900		
36-20	27-20	1000		
37-35	25-0	1100		
38-50	22-10	1200		
40-10	19-30	1300		
41-30	17-15	1400		
43-00	14-45	1500		
44-45	12-25	1600		
46-00	10-25	1700		
47-30	08-25	1800		
49-00	06-35	1900		
50-30	05-0	2000		
52-15	02-30	2100		
53-45	8-00-30	2200		
55-30	7-59-00	2300		
		2400		

Log read: 38.6 -  
Raw 1-4 knots while reeling in.

2500	4706	220
2600	2307	57
2700	2400	163
2800		2307
2900		2470
3000		
3100		
3200		
3300		
3400	4706	220
3500	2307	57
3600	2400	163
3700		2307
3800		2470
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:

134 Surry

Apr. 8/91

Vary

2220

158

2378 fms.

60 lbs.

fine dark

34.9

69473

35.0

66

68

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
9-11-50	14-10	0		
13-10	13-0	100		
14-25	11-55	200		
15-40	10-40	300		
16-50	9-25	400		
18-0	8-10	500		
19-10	6-55	600		
20-20	5-40	700		
21-25	4-25	800		
22-35	3-10	900		
23-45	1-50	1000		
24-55	0-0-30	1100		
26-15	59-5	1200		
27-30	57-45	1300		
28-50	56-15	1400		
30-10	54-40	1500		
31-35	52-55	1600		
33-0	50-40	1700		
34-25	48-45	1800		
35-50	47-5	1900		
37-15	45-30	2000		
38-40	43-50	2100		
40-5	42-6	2200		
41-0		2300		
		2400		

Log read: 43-6

knots while pulling in.  
Raw 7/10

2500	4706	220
2600	5220	62
2700	2486	158
2800		2220
2900		2378
3000		
3100	4706	220
3200	2220	62
3300	2486	158
3400		2220
3500		2378
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:

~~Took off 5 fms. wire &~~  
~~cut on new stray-line.~~

Wire jumped reel while paying out  
 at 1900 fms. and 5 fms. were cut  
 out, and the wire spliced again.  
 Continued with sounding.

No.

135 Survey Date

Apr 8/91

Sigsbee

Machine.

Reel.

Tary

Turns 2279 Cor. +

162

Depth 2441 fms

Shot or lead

60 lbs.

Bottom

bn. M

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

64

Surface

67

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
10-58-45	34.30	0		
51-55	33.15	100		
52-50	32.15	200		
53-50	31.10	300		
54-50	30.00	400		
55-5	28.30	500		
57-15	26.40	600		
58-20	25.20	700		
59-35	23.45	800		
11-0-50	22.15	900		
02-10	20.45	1000		
3-30	19.20	1100		
4-50	17.35	1200		
6-10	15.55	1300		
7-30	14.00	1400		
49-30	12.10	1500		
51-0	10.20	1600		
52-30	08.40	1700		
54-0	07.20	1800		
55-50	05.40	1900		
56-55	04.30	2000		
58-30	03.30	2100		
59.30	01.30	2200		
		2300		
		2400		

Log read: 48-6  
 Ran 0.3 knots while reeling in.

	2500	4701	220
	2600	2279	58
	2700	2422	162
	2800		2279
	2900		2441
	3000		
	3100	4701	220
	3200	2279	58
	3300	2422	162
	3400		2279
	3500		2441
	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:

803  
507.

2791

No. 136 Survey Date Nov. 9, 1891

Sigsbee Machine. Reel.

Turns 2310 Cor. + 164 Depth 2474 fms

Shot or lead 60 lbs

Bottom br. m.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 64 Surface 67 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1 56. 00	3. 00 00	0
57. 00	59. 05	100
58. 05	58. 05	200
59. 05	57. 00	300
2 00. 15	55. 50	400
01. 20	54. 35	500
02. 25	52. 55	600
03. 30	51. 50	700
04. 50	50. 10	800
06. 00	48. 30	900
07. 15	47. 10	1000
08. 30	45. 40	1100
09. 45	44. 30	1200
10. 55	42. 50	1300
12. 15	41. 35	1400
13. 30	39. 10	1500
14. 45	38. 40	1600
16. 05	37. 15	1700
17. 35	35. 45	1800
19. 00	34. 15	1900
20. 20	32. 35	2000
21. 50	31. 00	2100
23. 10	29. 15	2200
24. 40	27. 45	2300
24. 55	27. 00	2310
		2400

Log read: 58.6  
Ran 0.7 knots while reeling in



		2500	4701 2310 <u>2391</u>	220 56 <u>164</u>
		2600		
		2700		
		2800		
		2900	4701	220
		3000	2310 <u>2391</u>	56 <u>164</u>
		3100		2310
		3200		<u>2474</u>
		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:



2792

No. 137 Survey. Date Nov<sup>r</sup> 9<sup>th</sup> 1891.

Sigsbee Machine. #1 Reel Vary.

Turns 2432 Cor. + 168 Depth 2600 fms.

Shot ~~on lead~~ 60 lbs.

Bottom bn. m.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 64 Surface 67 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-12-45	20-30	0		
14-00	19-30	100		
15-20	18-30	200		
16-30	17-30	300		
17-45	16-25	400		
19-00	15-15	500		
20-15	14-10	600		
21-30	13-00	700		
22-45	11-45	800		
24-20	10-15	900		
25-45	09-50	1000		
27-00	07-20	1100		
28-30	05-45	1200		
29-50	04-00	1300		
31-15	02-15	1400		
32-40	5-00-15	1500		
34-00	59-00	1600		
35-30	57-40	1700		
36-45	56-30	1800		
38-15	55-10	1900		
39-45	53-45	2000		
41-15	52-30	2100		
42-45	51-15	2200		
44-15	49-45	2300		
45-45	48-15	2432		
2-07 46-15	4-47-50	2400		

Log read: 68.6 -  
 Raw 1 3/10 knots while reeling in.

	2500	4706	220
	2600	<u>2432</u>	<u>52</u>
	2700	2274	168
	2800		<u>2432</u>
	2900		2600
	3000		
	3100		
	3200	4701	220
	3300	<u>2432</u>	<u>52</u>
	3400	2269	168
	3500		<u>2432</u>
	3600		2600
	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:

N.C. 2793

2793

No. 138 Survey, Date Nov 29<sup>th</sup> 1891.

Sigsbee Machine. #1 Reel Ran.

Turns 2253 Cor. + 160 Depth 2413 fms.

Shot or lead 60 lbs.

Bottom bn. M.

Bottom temperature 35° -

No. of thermometer 69473 Cor. + 0.1

Corrected temperature 35.1

Air 65 Surface 64 Drift -

Trawl or dredge -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-24-20	28-30	0	Log read: 78.6 Ran 161.0 knots while reeling in.	
25-20	27-15	100		
26-20	26-15	200		
27-10	25-10	300		
28-10	24-00	400		
29-30	22-40	500		
30-25	21-15	600		
31-30	19-45	700		
32-45	17-45	800		
34-00	16-00	900		
35-15	14-15	1000		
36-30	12-30	1100		
37-45	11-00	1200		
39-00	09-20	1300		
40-15	07-45	1400		
41-45	06-00	1500		
43-15	04-20	1600		
44-45	02-45	1700		
46-00	7-01-10	1800		
47-30	59-40	1900		
49-15	58-15	2000		
50-45	57-00	2100		
52-20	55-30	2200		
53-15	6-54-30	2253 2300		
		2400		

	2500	4701	220
	2600	<u>2253</u>	<u>60</u>
	2700	2448	160
	2800		<u>2253</u>
	2900		2413
	3000		
	3100		
	3200		
	3300	4701	220
	3400	<u>2253</u>	<u>60</u>
	3500	2448	160
	3600		<u>2253</u>
	3700		2413
	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:

2794

No. 139 Survey Date

Nov. 9/91.

Machine. #1 Reel. Vary

Turns 2450 Cor. + 169 Depth 2619 fms

Shot or lead 60 lbs

Bottom fm. Oz.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 67 Surface 68 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-31-05	39-40	0		
32-35	38-40	100		
33-50	37-45	200		
35-15	36-45	300		
36-35	35-45	400		
38-0	34-45	500		
39-15	33-40	600		
40-25	32-25	700		
41-45	31-10	800		
43-0	30-0	900		
44-20	28-35	1000		
45-40	27-05	1100		
47-0	25-35	1200		
48-20	24-0	1300		
49-40	22-20	1400		
51-05	20-45	1500		
52-30	19-10	1600		
53-50	17-35	1700		
55-20	16-05	1800		
56-40	14-45	1900		
58-0	13-15	2000		
59-35	11-50	2100		
9-01-0	10-30	2200		
02-30	08-55	2300		
03-0	07-20	2400		

Log read: 88' 6"  
Ran 1-5 knots while reeling in.

9-05-0	9-06-35	2500	4701	2.20
		2600	2450	57
		2700	2251	169
		2800		2450
		2900		2619
		3000		
		3100	4701	220
		3200	2450	51
		3300	2251	169
		3400		2450
		3500		2619
		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. 140 Date

Machine. #1 Reel.

Turns 2438 Cor. + 166 Depth 2606 fms.

Shot or lead 60 lbs.

Bottom bn. oz.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 68

Surface 68

Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10-51-45	12-0-30	0
53-0	54-40	100
54-0	58-35	200
55-0	57-35	300
56-0	56-15	400
57-10	55-05	500
58-25	53-50	600
59-40	52-30	700
11-0-30	51-05	800
02-05	49-45	900
03-15	48-15	1000
04-30	46-45	1100
05-40	45-15	1200
07-0	43-50	1300
08-15	42-15	1400
09-35	40-40	1500
11-0	39-0	1600
12-20	37-20	1700
13-45	35-45	1800
15-15	34-5	1900
16-45	32-25	2000
18-20	30-45	2100
19-55	29-10	2200
21-35	27-40	2300
23-15	26-10	2400

Log read: 98-6  
 Ran 1 knots while reeling in

81-25-50	11-24-0	2438	4701	220
		2500		
		2600	2438	52
		2700	2263	168
		2800		2438
		2900		2606
		3000		
		3100		
		3200	4701	220
		3300	2438	52
		3400	2263	168
		3500		2438
		3600		2606
		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.* 2796

No. 141 Survey Date Nov 9<sup>th</sup> 1891  
 Sigbee Machine. 1 Reel. Navy  
 Turns 2320 Cor. + 164 Depth 2484 fms  
 Shot or lead 60 lb  
 Bottom not known  
 Bottom temperature not known  
 No. of thermometer 69473 Cor. —  
 Corrected temperature —  
 Air 64 Surface 67 Drift —  
 Trawl or dredge —

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
01.55	15.00	19		
02.55	14.15	100	This jumper at 19 fms	
03.55	12.40	200		
04.55	10.45	300		
05.55	09.50	400		
06.55	07.10	500		
08.00	04.15	600		
09.05	02.35	700		
10.05	21.01.10	800		
11.15	59.25	900		
12.30	57.30	1000		
13.35	55.20	1100	Log read: 108.6 Raw 1.1 knots while pulling in. Lost Sounding cup and Thermometer # 69473, 4 1/4 Lead	
15.00	53.25	1200		
16.15	51.10	1300		
17.35	48.00	1400		
18.50	46.30	1500		
20.05	44.10	1600		
21.35	42.10	1700		
22.50	40.20	1800		
24.10	38.40	1900		
25.35	37.10	2000		
27.00	35.40	2100		
28.25	34.05	2200		
29.50	32.30	2300		
30.30	31.00	2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

$$\begin{array}{r} 4701 \\ 2320 \\ \hline 2381 \end{array}$$

$$\begin{array}{r} 220 \\ 56 \\ \hline 164 \end{array}$$

$$\begin{array}{r} 2320 \\ 164 \\ \hline 2484 \end{array}$$

4701

220

2320

56

2381

164

2320

2484

## SERIAL TEMPERATURES.

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

## REMARKS:

Wire fouled with log-line ~~at~~  
 while hauling in, and 19 fms wire  
 stray-line. Ther. # 69473 - sounding  
 cylinder & 4th lead wire lost.  
 Bent on new stray-line.

No. 142 Survey Date Nov. 9 1891

Machine. Reel. Navy

Turns 2700 Cor. + 179 Depth 2879 fms.

Shot or lead 60 lbs.

Bottom bn. Gz.

Bottom temperature 35.0 -

No. of thermometer 69488 Cor. + 0.1

Corrected temperature 35.1

Air 64 Surface 67 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
3 29.15	53-00	0		
30.40	51-40	100		
31.45	50-30	200		
32.50	49-30	300		
33.55	48-30	400		
35.05	47-10	500		
36.20	45-50	600		
37.30	44-15	700		
38.45	42-30	800		
39.45	40-30	900		
41.15	38-15	1000		
42.25	36-15	1100		
43.40	34-20	1200		
44.55	32-40	1300		
46.15	31-15	1400		
47.35	29-30	1500		
48.45	28-00	1600		
50.00	26-00	1700		
51.15	24-00	1800		
52.50	21-50	1900		
54.15	19-50	2000		
55.30	18-00	2100		
57-15	16-10	2200		
58-45	14-20	2300		
4-00-15	4-12-40	2400		

Log read: 18.6  
 Raw 7/10  
 knots while reeling in.

P.M.

4-02-00	11-00	2500	4682	219
03-35	09-10	2600	2700	40
05-30	4-07-15	2700	1982	179
		2800		2700
		2900		2879
		3000		
		3100		
		3200		
		3300	4682	219
		3400	2700	40
		3500	1982	179
		3600		2700
		3700		2879
		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. *143* *Surrey* Date *Nov 9/91*  
*Sigsbee* Machine. #1 Reel. *Lang*  
 Turns *2495* Cor. + *141* Depth *3186* fathoms  
 Shot or lead *60 lbs.*

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *65* Surface *67* Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>6-01-0</i>	<i>28-0</i>	0		
<i>02-30</i>	<i>26-55</i>	100		
<i>03-30</i>	<i>25-55</i>	200		
<i>04-15</i>	<i>24-55</i>	300		
<i>05-10</i>	<i>23-50</i>	400		
<i>06-10</i>	<i>22-40</i>	500		
<i>07-20</i>	<i>21-30</i>	600		
<i>08-30</i>	<i>20-20</i>	700		
<i>09-40</i>	<i>19-10</i>	800		
<i>11-10</i>	<i>17-55</i>	900		
<i>12-35</i>	<i>16-50</i>	1000		
<i>13-45</i>	<i>15-45</i>	1100		
<i>14-0</i>	<i>14-35</i>	1200		
<i>16-20</i>	<i>13-25</i>	1300		
<i>17-40</i>	<i>12-10</i>	1400		
<i>19-0</i>	<i>10-50</i>	1500		
<i>20-20</i>	<i>09-30</i>	1600		
<i>22-0</i>	<i>08-10</i>	1700		
<i>23-20</i>	<i>06-45</i>	1800		
<i>24-45</i>	<i>05-50</i>	1900		
<i>26-15</i>	<i>04-20</i>	2000		
<i>27-40</i>	<i>03-5</i>	2100		
<i>29-0</i>	<i>01-45</i>	2200		
<i>30-30</i>	<i>7-0-30</i>	2300		
<i>32-0</i>	<i>59-05</i>	2400		

*Log read: 28-6*

*Ran 8 1/2 knots while reeling in.*

*Lost 200 yds line. Smaller lead  
 & anchoring cup.*

6-33-30	57-40	2500	4701	220
35-05	56-10	2600	2995	29
36-45	54-25	2700	1706	191
38-25	52-15	2800		2945
40-10	50-25	2900		3185
41-50	6-49-0	2995		
		3000		
		3100		
		3200		
		3300	4682	219
		3400	2995	28
		3500	1687	191
		3600		2995
		3700		3186
		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:

2799

No. 144 Survey Date Nov 9<sup>th</sup> 1891  
 Sigsbee Machine. #1 Reel. Navy  
 Turns 2340 Cor. + 164 Depth 2504 fms  
 Shot or lead 60 lbs.  
 Bottom fn. oz.  
 Bottom temperature \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air 65 Surface 67 Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.		UP.	TURNS.	DOWN.		UP.
8	43.15	54.30	0			
	45.00	53.15	100			
	46.15	52.25	200			
	47.10	51.30	300			
	48.20	50.35	400			
	49.25	49.45	500			
	50.45	48.55	600			
	51.50	47.45	700			
	53.00	46.30	800			
	54.25	45.15	900			
	55.35	44.00	1000			
	56.45	42.30	1100			
	57.52	39.05	1200			
	59.10	37.00	1300			
9	00.30	34.35	1400			
	01.50	32.35	1500			
	03.10	29.55	1600			
	04.30	27.40	1700			
	05.45	25.35	1800			
	07.15	23.30	1900			
	08.25	21.45	2000			
	10.05	20.00	2100			
	11.35	18.20	2200			
	13.05	16.30	2300			
	13.30	15.00	2340			
			2400			

Log read - 38.6  
 Ran 0.3 knots while reeling in.



		2500	4682 2340 <u>2342</u>	219 53 <u>164</u>
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	4682	219
		3200	2340	55
		3300	<u>2342</u>	<u>164</u>
		3400		2340
		3500		<u>2504</u>
		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:



2800

No. 145 Survey Date Nov 9<sup>th</sup> 1891  
 Sigsbee Machine #1 Reel. Navy  
 Turns 2423 Cor. + 168 Depth 2591  
 Shot or lead 60 lbs  
 Bottom br. oz  
 Bottom temperature 35°  
 No. of thermometer 69488 Cor. +.01  
 Corrected temperature 35.1  
 Air 68 Surface 68 Drift —  
 Trawl or dredge —

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
11.12.00	26.00	0		
13.15	24.10	100		
14.30	21.10	200		
15.15	12.30	300		
17.05	11.30	400		
18.25	10.30	500		
19.45	09.35	600		
21.05	08.35	700		
22.20	07.30	800		
23.30	06.20	900		
24.50	05.20	1000		
26.10	04.15	1100		
27.30	03.10	1200		
28.55	02.05	1300		
30.15	01.05	1400		
31.35	12.00.05	1500		
33.00	58.55	1600		
34.20	57.40	1700		
35.45	56.30	1800		
37.15	55.20	1900		
38.50	54.05	2000		
40.15	52.55	2100		
41.40	51.30	2200		
43.15	49.45	2300		
44.55	47.50	2400		
45.30	11.46.00	2423		

Log read - 48.6  
 (at 12.13 min slack and was  
 7 min. gelling and unrolling  
 Ran 0.2 knots while heaving in.

2500

2600

2700

219  
51  

---

168

4682  
2423  

---

2259

4682	219
2423	51
<hr/>	<hr/>
2259	168
	2423
	<hr/>
	2591

Series Temp

1 - 0

2 - 87

3 - 500

4 - 287

5 - 36.8

6 - 460

7 - 550

8 - 644

9 - 736

10 - 830

11 - 874

12 - 896



$$\begin{array}{r} 4706 \\ 400 \\ \hline 4306 \end{array}$$

$$\begin{array}{r} 220 \\ 185 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 4400 \\ 55 \\ \hline 855 \end{array}$$



222

$$\begin{array}{r} 4706 \\ 100 \\ \hline 4506 \end{array}$$

5.

$$\begin{array}{r} 100 \\ 18 \\ \hline 82 \end{array} \quad \begin{array}{r} 4706 \\ 85 \\ \hline 4621 \end{array} \quad \begin{array}{r} 4706 \\ 2000 \\ \hline 2706 \end{array}$$

$$\begin{array}{r} 220 \\ 74 \\ \hline 146 \\ 2 \\ \hline 2146 \end{array}$$

85 170

$$\begin{array}{r} 4706 \\ 170 \\ \hline 4536 \end{array}$$

$$\begin{array}{r} 503 \\ 10 \\ \hline \end{array}$$



$$\begin{array}{r} 4706 \\ 172 \\ \hline 4534 \end{array}$$

$$\begin{array}{r} 220 \\ 203 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 86 \\ 17 \\ \hline 103 \end{array}$$