

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	150		
		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 Subtotal 570 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:

2991 Hyd

No. 338 Survey. Date Dec 4-1891.

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		
39.50	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 Interval 1/10 miles

	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
 No. 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		

Part log read N. S. Interval 7/10 miles

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

4682 219
140 206
4542 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:

34705-

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. rht. S

Bottom temperature 43°

No. of thermometer 69488 Cor. -0.3

Corrected temperature 43.0-

Air 77 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		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		
		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 - Industrial 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.

3471 A-

No. 341 Survey. Date Dec 24-1891

Sigsbee Machine. #1 Reel. Navy

Turns 308 Cor. + 29 Depth 337 fms

Shot or lead 38 lbs

Bottom fine. wht. S.

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 77 Surface 76 Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3. 29. 30	37. 40	0		
30. 50	37. 10	100		
32. 35	36. 10	200		
34. 00	35. 10	300		
34. 10	3 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	4682	219
	3500	<u>308</u>	<u>191</u>
	3600	4374	28
	3700		<u>308</u>
	3800		336
	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:

- Dredge No 3471 taken at this station.

34725-

No. 342 Survey Date Dec^r 4-1891.

Sigsbee Machine. #1 Reel. Navy.

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	4682	219
	3400	276	194
	3500	4412	25
	3600		270
	3700		295
	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				

Book No 3472 REMARKS: at this station

2993 Hyd

No. 343 Survey - Date Dec 5th 1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 140 Cor. + 13 Depth 153 fms.

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.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-50-00	54-00	0		
51-00	52-50	100		
51-40	7-52-00	40		
		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	4682	219
	3500	<u>140</u>	<u>206</u>
	3600	4542	13
	3700		<u>140</u>
	3800		153
	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
507. 2994

No. 344 Survey Date December 5th 1891
Sigsbee Machine #1 Reel. Tany

Turns 279 Cor. + 26 Depth 305 fms

Shot or lead 38 lbs

Bottom fine. wht. S.

Bottom temperature 44 ⁶/₁₀

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.
8. 02. 10	09. 00	0		
03. 45	08. 15	100		
04. 50	07. 10	200		
05. 55	8. 06. 20	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1 mile
 Part: log read 42.1

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	46 82	219
	3400	<u>279</u>	<u>193</u>
	3500	4403	26
	3600		<u>279</u>
	3700		305
	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:

2995

No. 345 Sounding Date December 5. 1891

Sigsbee Machine. #1 Reel. Navy

Turns 282 Cor. + 26 Depth 308 fms

Shot or lead 38 lbs

Bottom fine mkt. s.

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 76 Surface 76 Drift _____

Trawl or dredge _____

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8 47.40	54.00	0		
48.50	53.10	100		
49.40	52.20	200		
50.40	8.51.20	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Interval 5 miles
Log read 47'1-

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	4682	219
	3500	<u>282</u>	<u>193</u>
	3600	4400	26
	3700		<u>282</u>
	3800		308
	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:

2996

No. 346 Survey Date December 5, 1894

Sigsbee Machine. #1 Reel. Navy

Turns 373 Cor. + 34 Depth 407 fms

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		
33.35	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		

Interval 5 miles. Log read 5211

	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:

863 on. 2997

No. 347 Survey Date December 5, 1891
 Sigbee 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 —

am

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.19.00	26.55	0		
20.55	26.10	100		
22.00	25.30	200		
23.15	24.45	300		
23.45	10.24.15	41		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Interval 5 miles.
 Log read 57' 1"

	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>341</u>
	3800		372
	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:

2998

No. 348 Survey Date December 5, 91.

Sigsbee Machine. #1 Reel. Heavy

Turns 467 Cor. + 41 Depth 508 fms

Shot or lead 38 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 20.55	30.15	0		
21 55	28.35			
23 50	29.50	200		
24 05	29.10	300		
25 30	28.15	400		
26 20	11.27.10	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

~~closed bottom~~

Pat. log read 62.1 Interval 5 miles.

	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:

Feb

cor. 2999

No. 349 Survey Date December 5-1899

Sigsbee Machine. 41 Reel. Navy

Turns 505 Cor. + 44 Depth 549 fms

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

all

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 49. 50	59. 00	0		
50. 40	58. 20	100		
51. 30	57. 40	200		
52. 25	56. 55	300		
53. 30	55. 40	400		
54. 25	11. 55. 10	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. log used 64.1 Sigsbee 2 miles

2500	4682	219
2600	505	175
2700	4177	44
2800		505
2900		549
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:

3000

No. 350 Trolley Date Dec 15 '91

Sigsbee Machine 1 Reel Hoop

Turns 467 Cor. + 95 Depth 1557

Shot or Lead 60 lb.

Bottom gy. m. fine s.

Bottom temperature

No. of thermometer 69488 Cor.

Corrected temperature

Air 77 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
14.35.00		0	14.50.50	14.55
36.00		100	51.50	14.00
37.00		200	57.50	14.15
38.00		300	59.50	14.40
39.10		400	52.50	14.05
40.15		500	55.40	14.25
41.15		600	56.30	14.45
42.30		700	57.50	14.00
		800	59.45	14.15
		900	1-01.15	14.30
		1000	02.50	14.45
		1100	04.15	14.50
		1200	05.45	14.00
		1300	07.10	14.00
		1400	08.35	14.00
		1500	09.55	
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Part log read 68.1 interval 4 m.

2500	4682	219
2600	39.77	159
2700	1462	64
2800	<u>2515</u>	<u>95</u>
2900	:	1462
3000	:	<u>1558</u>
3100		
3200		
3300		
3400		
3500		
3600	3977	159
3700	1462	64
3800	<u>2515</u>	<u>95</u>
3900		1462
4000		<u>1557</u>

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				4682 219
600				<u>705 159</u>
700				3977 60
800				<u>705</u>
900				765
1000				

REMARKS:

Wire parted at 705 turns
 and lost 765 fms. wire -
 K. & Z. thermometer #69488 -
 Sigbee cup - and a small
 lead -
 Wire was kinked.

1007

3001

No. 351 Survey Date Dec 5-91

Gasbee Machine #1 Reel No. 1001

Turns 1686 Cor. + 10.6 Depth 1792

Shot or lead 60 lb.

Bottom gy. m. fine s.

Bottom temperature 35.0

No. of thermometer 69485 Cor. + 0.1

Corrected temperature 35.1

Air 76 Surface 74.0 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-05-30	25-40-00	0		
06-15	29.15	100		
07-10	28.30	200		
08-05	27.45	300		
09-05	27.00	400		
10-05	26.50	500		
11-05	26.00	600		
12-15	25.00	700		
13-15	24.00	800		
14-40	23.00	900		
15-00	22.00	1000		
16-45	21.10	1100		
18.00	20.15	1200		
19.15	19.00	1300		
20.30	18.00	1400		
21.50	17.00	1500		
23.15	16.00	1600		
24.45		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

interval 5 Miles
 but log read 73.1

Made 6.6 knots in current
 - holding in -

2500	3977	159
2600	<u>1686</u>	<u>53</u>
2700	2291	106
2800		1686
2900		1792
3000		
3100		
3200		
3300		
3400	3977	159
3500	<u>1686</u>	<u>53</u>
3600	2291	106
3700		1686
3800		1792
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:

307. 3002

No. 357-*Turo* Date *Dec 15 91.*
Pigpen Machine. *1* Reel. *Moody*
 Turns *7036* Cor. + *170* Depth *2106*

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.
<i>3-17-70</i>	<i>4.00.00</i>	0		
<i>18.10</i>	<i>59.05</i>	100		
<i>19.00</i>	<i>58.25</i>	200		
<i>19.50</i>	<i>57.45</i>	300		
<i>20.45</i>	<i>57.05</i>	400		
<i>21.35</i>	<i>56.15</i>	500		
<i>22.45</i>	<i>55.40</i>	600		
<i>23.45</i>	<i>54.30</i>	700		
<i>24.45</i>	<i>53.35</i>	800		
<i>25.50</i>	<i>52.45</i>	900		
<i>26.55</i>	<i>51.00</i>	1000		
<i>28.05</i>	<i>51.15</i>	1100		
<i>29.20</i>	<i>50.15</i>	1200		
<i>30.35</i>	<i>49.30</i>	1300		
<i>31.45</i>	<i>48.35</i>	1400		
<i>33.10</i>	<i>47.35</i>	1500		
<i>34.30</i>	<i>46.30</i>	1600		
<i>36.00</i>	<i>45.30</i>	1700		
<i>37.40</i>	<i>44.45</i>	1800		
<i>38.55</i>	<i>43.50</i>	1900		
<i>40.15</i>	<i>42.30</i>	2000		
<i>21-41.00</i>		2100		
		2200		
		2300		
		2400		

Interval 5 M.
Part log 76.1

2500	3977	159
2600	<u>2036</u>	<u>39</u>
2700	1941	120
2800		<u>2036</u>
2900		2156
3000		
3100		
3200		
3300		
3400	3977	159
3500	<u>2036</u>	<u>39</u>
3600	1941	120
3700		<u>2036</u>
3800		2156
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.

353

No. 353 Survey Date Dec 5th 91

Sigsbee Machine # 1 Reel. Mary

Turns 1838 Cor. + 113 Depth 1951

Shot or lead 60 lbs.

Bottom br m + Lara

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.
5-10-35	55-35	0		
12-0	52-20	100		
13-10	53-10	200		
14-10	52-05	300		
15-10	51-0	400		
16-10	50-0	500		
17-20	49-0	600		
18-30	48-20	700		
19-50	47-20	800		
21-10	46-10	900		
22-30	45-5	1000		
23-35	44-0	1100		
25-0	43-0	1200		
26-55	42-50	1300		
27-50	41-45	1400		
29-15	40-0	1500		
30-45	38-40	1600		
32-25	37-30	1700		
34-0	36-40	1800		
34-40	35-36-0	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Submarine 10 m

Int. Log read - 88:1

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200	3977	159
	3300	1838	46
	3400	2139	113
	3500		1838
	3600		1951
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100	3977	159		
200	1838	46		
300	2139	113		
400		1838		
500		1951		
600				
700				
800				
900				
1000				

REMARKS:

507. 3004

No. 354 Survey Date December 5th 91
 Sigbee Machine. #1 Reel. Navy

Turns 2198 Cor. + 127 Depth 2325 fms.

Shot or lead 60 lb

Bottom fine s + lava

Bottom temperature 35°

No. of thermometer 69485 Cor. 70.1

Corrected temperature 35.1

Air 75 Surface 75 Drift

Trawl or dredge

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	635.10	2200		
		2300		
		2400		

Pat: log read 90.1 Interval 2 min
 Raw 0.6 tenths while hauling in

159	3977	2500	
25	2198	2600	
134	1579	2700	
		2800	
	2198	2900	
	134	3000	
	<u>2332</u>	3100	
		3200	
		3300	
		3400	3977
		3500	<u>2198</u>
		3600	1779
		3700	
		3800	159
		3900	<u>32</u>
		4000	127
			<u>2198</u>
			2325

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. 355

Date

Dec 5 91

Machine #1 Reel. Kary

Turns 2475 Cor. + 137 Depth 2612

Shot or lead

60 lb

Bottom

B. M. + S.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

75

Surface

75

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8.15.30	8.15	0
16.45	17.35	100
18.00	17.00	200
19.00	16.40	300
20.40	10.50	400
21.40	10.15	500
24.30	09.30	600
23.40	08.50	700
25.00	08.00	800
26.15	07.15	900
27.15	06.30	1000
28.15	06.00	1100
29.30	05.45	1200
31.15	04.00	1300
33.30	03.00	1400
35.15	02.10	1500
36.45	01.30	1600
38.10	01.10	1700
39.50	9-00.30	1800
41.30	59.30	1900
43.10	58.30	2000
45.00	57.30	2100
46.30	56.30	2200
48.15	55.30	2300
50.00	54.30	2400

Pat log used 100.1 - Interval 10. M.

Made ——— Strata feeling in

2500	3977	159
2600	<u>2475</u>	<u>217</u>
2700	1507	137
2800		<u>2475</u>
2900		2617
3000		
3100		
3200		
3300	3977	159
3400	<u>2475</u>	<u>22</u>
3500	1502	137
3600		<u>2475</u>
3700		2612
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.

3473A

No. 356 Survey Date Dec 6/91

Sigsbee Machine #1 Reel. Mary

Turns 290 Cor. + 23 Depth 313

Shot or lead 60 lbs

Bottom fine gy. S.

Bottom temperature 43.8

No. of thermometer 69485 Cor. -

Corrected temperature 43.8

Air 75 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

42-30	50-0	0
43-30	49-0	100
44-15	48-0	200
45-10	5-47-15	300

See Dr. No. 3473

Log read 50:1

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	3977	159
	3200	<u>290</u>	<u>136</u>
	3300	3687	23
	3400		<u>290</u>
	3500		3 13
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		3977	159	
100		<u>290</u>	<u>136</u>	
200		3687	23	
300			<u>290</u>	
400			3 13	
500				
600				
700				
800				
900				
1000				

AL #3473 REMARKS: was taken
at this station

1610
507.

3474 Dr.

No. 354 Survey Date Dec. 6. 1891

Sigsbee Machine. Reel. Navy

Turns 348 Cor. + 27 Depth 375 fms

Shot or lead 35 lbs

Bottom fine silt &

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 76 Surface 77 Drift 2' S 1/2 W

Trawl or dredge

am

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.06.10	14.30
07.10	13.45
08.25	13.05
10.50	12.25
10.25	8.11.00

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

Log read 55.1. In bottom 5 miles

3474	159	2500		
348	132	2600		
3629	27	2700		
	348	2800		
	375	2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	3977	159
		3600	<u>348</u>	<u>132</u>
		3700	3629	27
		3800		<u>348</u>
		3900		<u>375</u>
		4000		

SERIAL TEMPERATURES.

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

REMARKS:

Dredge No 3474 taken at this station

3475 Dr.

No. 358 Survey Date Dec. 5. 1891

Sigsbee Machine. #1 Reel. Navy

Turns 376 Cor. + 25 Depth 351 fms

Shot or lead 38 lbs

Bottom fine. wh. S.

Bottom temperature

No. of thermometer Car.

Corrected temperature

Air 77 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10. 28. 45	37. 10	0		
29. 30	36. 35	100		
30. 55	36. 00	200		
33. 30	35. 05	300		
34. 00	10. 34. 30	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Part log made 09. 3 Submers 4. 2 miles

3977	159	2500		
326	106	2600		
<u>3651</u>	25	2700		
	326	2800		
	<u>351</u>	2900		
		3000		
		3100		
		3200		
		3300		
		3400	3977	159
		3500	<u>326</u>	<u>134</u>
		3600	3651	25
		3700		<u>326</u>
		3800		351
		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 No 3475 at this station.

11507

3476 Dr.

No. 359 Survey Date Dec 6-1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 276 Cor. + 22 Depth 298 fms.

Shot or lead 60 lbs.

Bottom fine wh. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 77 Surface 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 67.3

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

SERIAL TEMPERATURES.

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

REMARKS;

507.

3006 Hyd

No. 360 Sundry Date Dec 12/91

Sigsbee Machine. #1 Reel. Cary

Turns 305 Cor. + 24 Depth 329.

Shot or lead 60 lbs

Bottom wh gy S

Bottom temperature 42.5

No. of thermometer 69485 Cor. -

Corrected temperature 42.5-

Air 68 Surface 74 Drift

Trawl or dredge

ch. 111
8-21-0

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8-21-0	29-0
22-15	28-0
23-30	27-30
25-0	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

Part of reel 88:7

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	3977	159
	3400	<u>305</u>	<u>135</u>
	3500	3672	24
	3600		<u>305</u>
	3700		329
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			3977	159
50			<u>305</u>	<u>135</u>
100			3672	24
200				<u>305</u>
300				329
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1st sounding from anchorage.

O.P.P. 107.

2007 And

No. 361 Surray Date Dec 12/91
 Sigbee Machine #1 Reel. Mary

Turns 300 Cor. + 23 Depth 323

Shot or lead 60 lbs.

Bottom fine gy. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 68 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-14-30	21-45	0		
15-20	21-0	100		
16-15	19-45	200		
17-10	9-18-30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

5 miles
 9.3.17
 white netting in
 make

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

3977

300

3677

159

136

23

300

323

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	3977	159		
100	<u>300</u>	<u>136</u>		
200	3677	23		
300		<u>300</u>		
400		323		
500				
600				
700				
800				
900				
1000				

REMARKS:

3058

No. 362 Tarry Date Dec. 12/91.
 Sigbee Machine #1 Reel. Tarry

Turns 509 Cor. + 38 Depth 547

Shot or lead 60 lbs

Bottom gy. m. T. fine. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 72 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10-04-0 15-50
 05-0 13-0
 05-50 12-30
 06-45 11-50
 07-45 11-10
 09-0 10-10-15

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

Interred 5m
 Log read 98.7

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

3977
509
3468

159
121
38
509
547

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	3977		159	
100	509		121	
200	<u>3468</u>		<u>38</u>	
300			509	
400			<u>547</u>	
500				
600				
700				
800				
900				
1000				

REMARKS:

3009

No. 363 Survey Date Dec. 12/91.

Sigsbee Machine. #1 Reel. Cary

Turns 5701 Cor. + 42 Depth 603

Shot or lead 60 lbs.

Bottom gy. sh & fine S.

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air 72 Surface 74 Drift

Trawl or dredge —

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10-41-0	51-20	0		
42-0	50-45	100		
42-45	50-0	200		
43-30	49-0	300		
44-30	48-20	400		
45-30	47-40	500		
46-25	10-46-05	561		
		600		

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Submerged 300
Dry road 101:7

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200	3977	159
	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		3977	159	
100		<u>561</u>	<u>117</u>	
200		3416	42	
300			<u>561</u>	
400			603	
500				
600				
700				
800				
900				
1000				

REMARKS:

Current
 by " J E 74 E

3070

No. 364 Turrey Date Dec 12/91.

Sigsbee Machine. #1 Reel. Cary

Turns 1045 Cor. + 71 Depth 1116

Shot or lead 60 lbs

Bottom gy s + fine gy s

Bottom temperature 36°

No. of thermometer 69485 Cor. 10.1

Corrected temperature 36.1

Air 72 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11-12-0 34-0 0

12-50 33-20 100

13-45 32-30 200

14-50 31-50 300

15-50 31-0 400

16-55 30-15 500

18-0 29-30 600

19-10 28-45 700

20-20 27-50 800

21-35 27-0 900

22-40 26-0 1000

24-25 25-15 1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Submerged 2 m

Pat. Log read 103:7

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

3977

1045

2932

159

88

71

1045

1116

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100		3977	159	
200		<u>1045</u>	<u>88</u>	
300		2932	71	
400			<u>1045</u>	
500			1116	
600				
700				
800				
900				
1000				

REMARKS:

16 B 3011

No. 365 Surray Date Dec. 12/91
 Machine #1 Reel Cary
 Turns 1675 Cor. + 106 Depth 1781 fms
 Shot or lead 60 lbs
 Bottom no specimen
 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.
12.04.00	38.10	0		
04.55	37.45	100		
06.00	37.20	200		
07.50	36.50	300		
08.05	36.15	400		
09.20	35.30	500		
10.10	34.55	600		
11.35	34.10	700		
12.45	33.30	800		
14.50	32.40	900		
15.15	32.05	1000		
16.35	31.10	1100		
17.50	30.15	1200		
19.05	29.30	1300		
20.25	28.35	1400		
21.55	27.45	1500		
23.15	26.40	1600		
24.30	25.30	1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Subtotal 2
 Red log read. 105:7
 Run 1 knot white line in
 first string line, 1 rounding up & 1 small lead

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

3977
1675

2302

159
53

106

1675
1781

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100		3977	159	
200		1675	53	
300		2302	106	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

EB 3012

No. 366 Survey Date December 12 - 1899
 Sigsbee Machine. 1 Reel. Navy
 Turns 1950 Cor. + 42 Depth 2067 fms
 Shot or lead 60 lbs
 Bottom br. m. + fine s
 Bottom temperature _____
 No. of thermometer _____ Cor. _____
 Corrected temperature _____
 Air 70 Surface 73 Drift _____
 Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 20.15	17.10	0		
21. 05	16.40	100		
21. 50	16.00	200		
22. 40	15.25	300		
23. 30	14.50	400		
24. 30	14.05	500		
25. 30	13.20	600		
26. 35	12.40	700		
27. 40	10.25	800		
28. 50	08.35	900		
30. 05	06.10	1000		
31. 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	45.50	2000		
		2100		
		2200		
		2300		
		2400		

Pat log read 10.4. Sigsbee 5 miles
 Care 0.7 knots

3944	159	2500	
1950	42	2600	
<u>2027</u>	117	2700	
	1950	2800	
	<u>2061</u>	2900	
		3000	
		3100	
		3200	
		3300	3977
		3400	<u>1950</u>
		3500	2027
		3600	
		3700	159
		3800	<u>42</u>
		3900	117
		4000	<u>1950</u>
			2067

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. 367 Survey Date Dec. 12th 1891

Sigsbee Machine. * 1 Reel. Trawl

Turns 1700 Cor. + 107 Depth 1807 fms.

Shot or lead 60 lbs.

Bottom br. M. S.

Bottom temperature 35.2

No. of thermometer 69485 Cor. + 0.1

Corrected temperature 35.3

Air 70 Surface 73 Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3-52-30	31-30	0
53-25	30-00	100
54-20	29-00	200
55-15	28-00	300
56-15	27-00	400
57-15	26-00	500
58-15	25-00	600
59-15	24-00	700
4-00-15	22-45	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

Pat. log read 20.7. Inlural 10 mths
 Ran 7/10 knots while pulling in.

2500	3977	159
2600	<u>1700</u>	<u>52</u>
2700	2277	107
2800		1700
2900		<u>1807</u>
3000		
3100		
3200		
3300	3977	159
3400	<u>1700</u>	<u>52</u>
3500	2277	+107
3600		<u>1700</u>
3700		<u>1807</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:

11.50
 3014

No. 368 Survey Date Dec^r 12-1891.

Sigsbee Machine #1 Reel Navy.

Turns 2625 Cor. + 142 Depth 2767

Shot or lead 60 lbs.

Bottom Yn M & 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.
5-50-30	52-15	0		
51-45	51-20	100		
52-45	50-45	200		
53-45	50-0	300		
54-45	49-15	400		
55-45	48-30	500		
56-45	47-40	600		
58-00	46-45	700		
59-00	45-55	800		
6-00-00	45-00	900		
01-00	44-20	1000		
02-00	43-15	1100		
02-00	42-20	1200		
03-00	41-15	1300		
04-00	40-10	1400		
05-15	39-0	1500		
07-20	37-50	1600		
08-0	36-35	1700		
09-0	35-30	1800		
10-50	34-0	1900		
12-15	33-0	2000		
13-45	31-45	2100		
15-30	30-25	2200		
17-10	29-10	2300		
18-45	6-28-0	2400		

Survival 10 m
 Pat Log read, 3017
 made 300 knots while reeling in

6-30-30	26-40	2500		
32-30	6-25-0	2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	3977	159
		3400	2625	17
		3500	1352	142
		3600		2625
		3700		2767
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50			3977	159
100			2625	17
200			1352	142
300				2625
400				2767
500				
600				
700				
800				
900				
1000				

REMARKS:

Yeats
107.

3015

No. 369 Survey Date Dec. 12^d 1891

Sigsbee Machine. #1 Reel. Navy

Turns 2820 Cor. + 146 Depth 2966 fms.

Shot or lead 60 lbs

Bottom br. m + fine S

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 68 Surface 73 Drift

Trawl or dredge

pm

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8. 36. 25	46. 45	0
37. 45	46. 10	100
38. 40	45. 30	200
39. 40	44. 55	300
40. 45	44. 15	400
41. 35*	43. 30	500
42. 35	42. 50	600
43. 40	42. 10	700
44. 45	41. 20	800
45. 50	40. 25	900
46. 55*	39. 25	1000
48. 05	38. 30	1100
49. 10	37. 30	1200
50. 25	36. 30	1300
51. 35	35. 50	1400
52. 50*	35. 15	1500
54. 10	34. 00	1600
55. 30	33. 00	1700
56. 55	30. 40	1800
58. 30	29. 15	1900
59. 50*	27. 55	2000
9. 01. 15	26. 35	2100
02. 50	24. 45	2200
04. 15	23. 15	2300
05. 45	9. 21. 50	2400

Pat: log read 42.7. Interval 12 miles.
 Ran 1.2 knots while making in

pm pm

9.07.20	20.30	2500		
09.05	19.05	2600		
10.50	17.12	2700		
12.40	15.00	2800		
12.55	9.14.10	2900		
		3000		
		3100		
		3200		
		3300	3977	159
		3400	<u>2820</u>	<u>13</u>
		3500	1157	146
3977	159	3600		<u>2820</u>
<u>2820</u>	<u>13</u>	3700		2966
1157	146	3800		
	<u>2820</u>	3900		
	<u>2986</u>	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 1891
 3016

No. 370 Survey Date Dec. 12 1891
 Sigsbee Machine. #1 Reel. Navy
 Turns 2870 Cor. + 147 Depth 3017 fms
 Shot or lead 60 lbs
 Bottom bu. M. fine s
 Bottom temperature 35.2
 No. of thermometer 69485 Cor. +0.1
 Corrected temperature 35.3
 Air 69 Surface 73 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 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	12-22-00	2400		

Interval 12 min
 Part: log read 5.47
 Row 1 5/110 knots while reeling in.

PM

Time	Time	Depth	Temp	Temp
11.52.25	06.00	2500		
54.05	04.45	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 -
 Shipped new one -
 Delay 15 minutes.

N.C. 1891

3017

No. 371 Survey. Date Dec 13-1891-

Sigsbee Machine. #1 Reel. Navy.

Turns 2880 Cor. + 147 Depth 3027 fms.

Shot or lead 60 lbs.

Bottom no specimen

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 70 Surface 73 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-29-30		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		
40-00		1000		
41-15		1100		
42-35		1200		
43-50		1300		
45-15		1400		
46-40	30+45	1500		
48-00	29-45	1600		
49-30	28-40	1700		
51-00	27-30	1800		
52-30	26-20	1900		
54-15	25-15	2000		
56-00	24-10	2100		
58-00	23-00	2200		
3-00-00	22-00	2300		
01-45	3-21-00	2400		

wire parted

Interval 12'

Log had 66.7-

12.11.

3-03-45	19-45	2500	3977	159
05-45	18-30	2600	<u>2880</u>	12
07-30	17-00	2700	1097	147
09-15	15-30	2800		<u>2880</u>
11-00	3-14-15	2900		<u>3027</u>
		3000		
		3100		
		3200		
		3300		
		3400	3977	159
		3500	<u>2880</u>	12
		3600	1097	147
		3700		<u>2880</u>
		3800		<u>3027</u>
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				3977 159
400				<u>1459 64</u>
500				2520 95
600				1459
700				<u>1554</u>
800				
900				
1000				

REMARKS:

Wire drew out at splice at 1459 turns, and lost 1554 fms wire, 1 Sigbee cylinder, & small lead.

2018

No. 372 Survey Date Dec. 13/91
 Machine #2 Reel. Navy

Turns 2743 Cor. + 172 Depth 2915

Shot or lead 60 lbs.

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.
5-55-30	45-45	0		
26-40	43-35	100		
27-30	42-25	200		
28-30	41-30	300		
29-30	40-45	400		
30-25	40-00	500		
31-25	39-15	600		
32-30	38-25	700		
33-30	37-40	800		
34-45	36-50	900		
35-50	36-0	1000		
37-0	35-10	1100		
38-15	34-20	1200		
39-30	33-30	1300		
40-40	32-35	1400		
41-50	31-35	1500		
43-15	30-45	1600		
45-0	29-35	1700		
46-30	28-35	1800		
48-30	27-20	1900		
50-40	25-45	2000		
51-45	23-40	2100		
52-40	22-45	2200		
55-40	19-35	2300		
57-30	16-30	2400		

Log read 75:7
 Made 17/10 knots while reeling in

5-49-15	10-0	2500		
6-01-15	8-30	2600		
03-20	6-6-25	2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	4820	203
		3400	2743	31
		3500	2077	172
		3600		2743
		3700		2915
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4820		203
50		2743		31
100				172
200		2077		2743
300				2915
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Changed trap level - 5 min.

507.

3019

No. 373 Survey Date December 13^d 91
Machine. #2 Reel. Navy

Turns 2615 Cor. + 167 Depth 2782 fms

Shot or lead 60 fms

Bottom br. gy

Bottom temperature 35.10

No. of thermometer 69485 Cor. +0.1

Corrected temperature 35.2-

Air 73 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
17.50	24.15	0
18.50	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	19.05	700
26.05	18.00	800
27.15	17.05	900
28.30	16.02	1000
29.40	15.00	1100
31.00	13.50	1200
32.20	12.45	1300
33.40	11.35	1400
35.00	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	01.25	2200
47.20	00.40	2300
49.05	00.25	2400

Pat log read 90% Sounded 12 miles
Rain 1.1 knots whole haul

Time	Time			
8. 50. 55	8. 57. 05	2500	4820	20's 36
52. 50	55. 30	2600	2615	<u>167</u>
53. 15	8. 54. 10	2700	2205	2615
		2800		<u>2782</u>
		2900		
		3000		
		3100		
		3200		
		3300	4820	203
		3400	2615	<u>36</u>
		3500	2205	167
		3600		<u>2615</u>
		3700		2782
		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:

3020

No. 344 Survey Date Dec 13 1891

Sigsbee Machine. 1 Reel. Heavy

Turns 2483 Cor. + 171 Depth 2654 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.
11.03.35	13-30	0		
04.30	12-30	100		
05.20	11-45	200		
06.15	11-00	300		
07.05	10-00	400		
08.05	09-00	500		
09.05	08-00	600		
10.05	07-00	700		
11.10	06-00	800		
12.15	04-45	900		
13.25	03-45	1000		
14.30	02-45	1100		
15.45	01-45	1200		
17.00	12-00-45	1300		
18.20	59-30	1400		
19.45	58-00	1500		
21.10	56-00	1600		
22.35	53.30	1700		
24.05	52.10	1800		
25.30	50.30	1900		
26.50	44.00	2000		
28.45	42.40	2100		
30.35	41.10	2200		
32.30	39.50	2300		
34.05	11.38.40	2400		

Pat log used 2% Interval 12 miles
 Run 17/10 knots while reeling in.

11.36.00	11.37.00	2500 ⁸⁰	4709	221
		2600	2483	50
		2700	2226	175
		2800		2483
		2900		2654
		3000		
		3100		
		3200		
		3300	4709	221
		3400	2483	50
		3500	2226	171
		3600		2483
		3700		2654
		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. 375 Survey, Date Dec^r 13th 1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 2378 Cor. + 167 Depth 2545 fms.

Shot or lead 60 lbs.

Bottom br. Oz.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 74 Surface 75 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1- 49-30	46-30	0		
50-30	45-30	100		
51-40	44-45	200		
52-45	44-15	300		
53-45	43-30	400		
54-45	42-45	500		
55-50	42-00	600		
57-00	41-15	700		
58-15	40-30	800		
59-30	39-30	900		
2- 00-45	38-30	1000		
01-55	37-30	1100		
03-00	36-30	1200		
04-15	35-30	1300		
05-30	34-30	1400		
07-00	33-30	1500		
08-15	32-15	1600		
09-30	31-00	1700		
11-00	29-45	1800		
12-15	28-30	1900		
13-45	27-15	2000		
15-20	26-00	2100		
17-00	24-45	2200		
18-45	23-30	2300		
20-00	2-22-45	2378 2400		

Interval 12' -
Log read 147 knots while reeling in.
Ran 8/10 knots

		2500	4709	221
		2600	2378	54
		2700	2331	167
		2800		2378
		2900		2545
		3000		
		3100		
		3200		
4709	2378	3300	4709	221
2378	221	3400	2331	54
2331	54	3500	2378	165
	167	3600		2331
	2378	3700		2496
	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:

No.

376. Survey Date Dec. 13/91.

Machine. #1 Reel. Mary

Turns 2311 Cor. + 16.4 Depth 2475 fms

Shot or lead 65 lbs.

Bottom br oz.

Bottom temperature 35.1

No. of thermometer 69485 Cor. +0.1

Corrected temperature 35.2

Air 72 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4-22-0	22-0	0		
23-25	20-50	100		
24-25	19-50	200		
25-30	18-55	300		
26-25	18-0	400		
27-30	17-05	500		
28-40	16-25	600		
29-50	15-25	700		
31-00	14-10	800		
32-15	13-20	900		
33-30	12-30	1000		
34-45	11-20	1100		
36-05	10-20	1200		
37-25	09-05	1300		
38-50	08-00	1400		
40-15	06-40	1500		
41-45	05-10	1600		
42-05	03-50	1700		
44-30	02-20	1800		
46-05	01-40	1900		
47-40	58-55	2000		
49-15	57-15	2100		
50-45	56-00	2200		
52-25	54-45	2300		
52-30	4-54-50	2400		

Pat. Log read 26:7
 9/10 knots while reeling in

	2500	4709	221
	2600	2311	57
	2700	2398	164
	2800		2311
	2900		2475
	3000		
	3100		
	3200		
	3300	4709	221
	3400	2311	57
	3500	2398	164
	3600		2311
	3700		2475
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100		4709	221	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 3023

No. 377 Survey Date Dec. 13^L. 1891

Sigsbee Machine. #1 Reel. Navy

Turns 2299 Cor. + 164 Depth 2463 fms

Shot or lead 60 lbs

Bottom br. gy.

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. 25	0		
59. 20	53. 15	100		
7. 00. 10	52. 37	200		
01. 05	52. 00	300		
02. 10	51. 20	400		
03. 15	50. 35	500		
04. 15	49. 50	600		
05. 15	49. 00	700		
06. 30	48. 05	800		
07. 45	47. 10	900		
08. 50	46. 10	1000		
10. 10	45. 05	1100		
11. 30	44. 05	1200		
12. 50	42. 50	1300		
14. 15	41. 50	1400		
15. 40	40. 30	1500		
16. 55	39. 20	1600		
18. 20	38. 20	1700		
19. 55	37. 00	1800		
21. 20	35. 45	1900		
22. 40	34. 45	2000		
24. 20	34. 10	2100		
27. 10	32. 30	2200		
29. 10	30. 10	2300		
		2400		

Pat. Log used 36.7 Sounding 12 mch
 Run 1.9 knots while reeling in

	2500	4709	
	2600	<u>2299</u>	2299
	2700	2410	<u>164</u>
	2800		2463
	2900		
	3000		
	3100		
	3200		
	3300	4709	221
	3400	<u>2299</u>	<u>57</u>
	3500	2410	164
	3600		<u>2299</u>
	3700		2463
	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:

1107

3024

No. 378 Survey. Date Dec^r 13-1891.

Sigsbee Machine. #1 Reel. Navy.

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.
9-36-45	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		
48-30	22-00	1000		
50-00	21-15	1100		
51-15	20-30	1200		
52-30	19-30	1300		
54-00	18-45	1400		
55-20	18-00	1500		
56-40	17-00	1600		
58-00	16-00	1700		
59-30	15-00	1800		
10-01-00	14-00	1900		
02-20	13-00	2000		
04-00	12-00	2100		
05-40	11-00	2200		
07-20	10-00	2300		
07-35	10-09-45	2313		

Interval 12' -
 Log made 50.7 -
 Row 6/10 knots while pulling in.

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:

No. *3025*
 No. *379* Survey Date *Dec. 14/91.*
 Sigsbee Machine. #1 Reel. *Star*
 Turns *2320* Cor. + *165* Depth *2485*
 Shot or lead *60 lbs*
 Bottom *fr. gy.*
 Bottom temperature *35.2*
 No. of thermometer *69485* Cor. *+0.1*
 Corrected temperature *35.3*
 Air *71* Surface *75* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-15-0</i>	<i>10-55</i>	0		
<i>16-0</i>	<i>09-30</i>	100		
<i>16-50</i>	<i>08-25</i>	200		
<i>18-0</i>	<i>07-20</i>	300		
<i>18-50</i>	<i>06-25</i>	400		
<i>19-45</i>	<i>05-30</i>	500		
<i>20-50</i>	<i>04-30</i>	600		
<i>22-0</i>	<i>03-30</i>	700		
<i>23-10</i>	<i>02-40</i>	800		
<i>24-25</i>	<i>01-50</i>	900		
<i>25-25</i>	<i>1-0-50</i>	1000		
<i>26-35</i>	<i>59-55</i>	1100		
<i>27-50</i>	<i>58-55</i>	1200		
<i>29-5</i>	<i>58-0</i>	1300		
<i>30-25</i>	<i>56-50</i>	1400		
<i>31-35</i>	<i>55-45</i>	1500		
<i>33-0</i>	<i>54-35</i>	1600		
<i>34-25</i>	<i>53-30</i>	1700		
<i>35-35</i>	<i>52-25</i>	1800		
<i>37-0</i>	<i>51-15</i>	1900		
<i>38-15</i>	<i>50-0</i>	2000		
<i>39-40</i>	<i>49-0</i>	2100		
<i>41-15</i>	<i>48-0</i>	2200		
<i>43-0</i>	<i>12-46-15</i>	2300		
		20		
		2400		

Pat-Log read 6217 Submerse 12 m
 made 8/10 knots while reeling in

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4709	221
	3400	<u>2320</u>	56
	3500	2389	<u>165</u>
	3600		2320
	3700		<u>2485</u>
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		4709	221	
100		<u>2320</u>	56	
200		2389	<u>165</u>	
300			<u>2320</u>	
400			<u>2485</u>	
500				
600				
700				
800				
900				
1000				

REMARKS:

3026

No. 380 Survey Date Dec 14/91

Sigsbee Machine #1 Reel. Mary

Turns 2290 Cor. + 163 Depth 2453

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.
2-50-0	52-40	0		
54-45	51-40	100		
57-30	50-50	200		
3-02-0	50-0	300		
03-30	49-10	400		
04-30	48-20	500		
05-30	47-30	600		
06-40	46-45	700		
07-40	46-0	800		
08-55	45-10	900		
10-00	44-20	1000		
11-15	43-25	1100		
12-25	42-25	1200		
13-35	41-25	1300		
14-50	40-25	1400		
16-05	39-20	1500		
17-25	38-20	1600		
18-45	37-15	1700		
20-10	36-0	1800		
21-45	34-45	1900		
23-5	33-30	2000		
24-30	32-15	2100		
26-0	31-15	2200		
27-30	3-30-0	2300		
		2400		

Pat-Loy road 7417 Ind. tra. 12
 Mude 7/10 / knots white m. 54 m.

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4709	221
	3400	<u>2290</u>	<u>58</u>
	3500	2419	163
	3600		<u>2290</u>
	3700		2453
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		4709	221	
100		<u>2290</u>	<u>58</u>	
200		2419	163	
300			<u>2290</u>	
400			2453	
500				
600				
700				
800				
900				
1000				

REMARKS:

607.

3027

No. **381* Survey Date *Dec. 14th 1891*

Sigsbee Machine. #1 Reel. *navy*

Turns *2335* Cor. + *165* Depth *2500 fms*

Shot or lead *60 lbs*

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.
<i>6-37.00</i>	<i>35.10</i>	0		
<i>38.05</i>	<i>34.10</i>	100		
<i>39.10</i>	<i>33.35</i>	200		
<i>40.05</i>	<i>32.55</i>	300		
<i>41.05</i>	<i>32.10</i>	400		
<i>42.10</i>	<i>31.20</i>	500		
<i>43.20</i>	<i>30.25</i>	600		
<i>44.35</i>	<i>29.30</i>	700		
<i>45.45</i>	<i>28.40</i>	800		
<i>47.05</i>	<i>27.45</i>	900		
<i>48.15</i>	<i>26.55</i>	1000		
<i>49.30</i>	<i>25.55</i>	1100		
<i>50.45</i>	<i>24.55</i>	1200		
<i>52.10</i>	<i>24.00</i>	1300		
<i>53.30</i>	<i>23.00</i>	1400		
<i>54.50</i>	<i>22.00</i>	1500		
<i>56.10</i>	<i>21.05</i>	1600		
<i>57.35</i>	<i>20.05</i>	1700		
<i>59.10</i>	<i>18.50</i>	1800		
<i>6-00.30</i>	<i>17.30</i>	1900		
<i>01.55</i>	<i>16.05</i>	2000		
<i>03.35</i>	<i>15.00</i>	2100		
<i>05.15</i>	<i>13.45</i>	2200		
<i>06.55</i>	<i>12.15</i>	2300		
<i>07.20</i>	<i>11.40</i>	2400		

Part: log read 86.7 indicated 12 miles
Raw P. knots while reeling in

2500	4709	221
2600	<u>2335</u>	56
2700	2374	165
2800		<u>2335</u>
2900		2500
3000		
3100		
3200		
3300		
3400	4709	221
3500	<u>2335</u>	56
3600	2374	165
3700		<u>2335</u>
3800		2500
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. 382 Survey. Date Dec 14th 1891.

Sigsbee Machine. #1 Reel. Navy.

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' -
 Log read 98.7
 Run 97/10 knots while reeling in.

A.M.

8-42-30	8-44-15	2419	4709	221
		2500	2419	40
		2600		181
		2700	2290	2419
		2800		2600
		2900		
		3000		
		3100	4709	221
		3200	2419	53
		3300	2290	168
		3400		2419
		3500		2587
		3600		
		3700	4709	221
		3800	2419	53
		3900	2290	168
		4000		2419
				2587

SERIAL TEMPERATURES.

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

REMARKS:

3029

No. 383 Survey. Date Dec^r 14-1891.

Sigsbee Machine / Reel. Navy.

Turns 2388 Cor. + 167 Depth 2555 fms.

Shot ~~or lead~~ 60 lbs.

Bottom hr. gy.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 74 Surface 74 Drift —

Trawl or dredge —

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-45-45	39-30	0		
46-45	38-45	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	30-30	1000		
56-45	29-30	1100		
57-50	28-30	1200		
58-55	27-30	1300		
11-00-00	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		

Interval 12' -
 Log read 10' -
 Haul 15/10 knots while pulling in.
 Put clock ahead 9' minutes.

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. 384 Survey Date Dec 14/91

Sigsbee Machine. Reel. Mary.

Turns 2433 Cor. + 169 Depth 2602

Shot or lead 60 lb

Bottom br oz.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 73 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-18-40	13-30	0		
19-40	12-45	100		
20-40	12-0	200		
21-50	11-20	300		
22-55	10-45	400		
23-55	09-55	500		
24-55	09-10	600		
26-0	08-20	700		
27-5	07-35	800		
28-5	06-40	900		
29-15	05-50	1000		
30-25	04-55	1100		
31-35	04-0	1200		
32-45	03-5	1300		
34-0	02-15	1400		
35-10	01-10	1500		
36-30	0-10	1600		
37-45	59-15	1700		
39-5	58-5	1800		
40-35	57-0	1900		
42-0	56-0	2000		
43-55	54-45	2100		
45-0	53-25	2200		
46-30	52-10	2300		
48-0	1-51-0	2400		

Pat Log read 25:7
 12'
 muds / Photo white reading in

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	221	
100		<u>2433</u>	<u>52</u>	
200		2276	169	
300			<u>2433</u>	
400			<u>2602</u>	
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 385 *Surry* Date *Dec. 14/91**Sigsbee* Machine. *M* Reel. *Harry*Turns *2478* Cor. + *171*Depth *2649 fms*Shot or lead *60 lb*Bottom *br. g.*Bottom temperature *35.2°*No. of thermometer *69485* Cor. *70.1*Corrected temperature *35.2*Air *73* Surface *74* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-50-15</i>	<i>45.45</i>	0		
<i>51-10</i>	<i>44.50</i>	100		
<i>52-0</i>	<i>44.05</i>	200		
<i>53-0</i>	<i>43.20</i>	300		
<i>53-50</i>	<i>42.40</i>	400		
<i>54-50</i>	<i>42.00</i>	500		
<i>55-55</i>	<i>41.15</i>	600		
<i>56-55</i>	<i>40.20</i>	700		
<i>58-0</i>	<i>39.30</i>	800		
<i>59-5</i>	<i>38.40</i>	900		
<i>4 00-20</i>	<i>37.40</i>	1000		
<i>01-30</i>	<i>36.45</i>	1100		
<i>02-40</i>	<i>35.55</i>	1200		
<i>03-55</i>	<i>35.00</i>	1300		
<i>05-10</i>	<i>34.00</i>	1400		
<i>06-30</i>	<i>33.00</i>	1500		
<i>07-10</i>	<i>32.10</i>	1600		
<i>09-05</i>	<i>31.10</i>	1700		
<i>10-20</i>	<i>30.25</i>	1800		
<i>11-40</i>	<i>29.50</i>	1900		
<i>13-50</i>	<i>27.55</i>	2000		
<i>14-15</i>	<i>26.50</i>	2100		
<i>16-00</i>	<i>25.45</i>	2200		
<i>17-15</i>	<i>24.10</i>	2300		
<i>18-40</i>	<i>4.22.40</i>	2400		

*Submarine**Pat-Log ring 34.7**Knots while pulling in.**Raw*

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.
 Sigbee Machine. #1 Reel. Navy.

Turns 2524 Cor. + 172 Depth 2696 fms.

Shot or lead 60 lbs.

Bottom br. G.

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 made 46' 7"
 Row 8 1/10 knots while reeling in.

P.M.

6-49-00	52-00	2500	4709	221
49-45	6-51-30	2524	2524	49
			2185	172
				2524
				2696

4709	221
2524	49
2185	172
	2524
	2696

49.45 -
 51.30

 1.45 -

14.15 -
 15.30

 02.45
 100.00

 57.15
 61.8.15
 7.15.30

 12.33.45
 6.46.15

 1

4682
705 off
3977

157 Col