AA #1 - Aug. 26th
to
AA #22 - Sept. 14th
1899.

Hyd. 3778-3794. D. 3681-3684.

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

SERIAL TEMPERATURES.

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

REMARKS:

807. Correction Table

No. Date 22 Aug. 199-

Sigsbee Machine. Reel. Navy #1.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Measure Mode

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Measuring	Sigsbee	0	1200	1184
0	0	100	50	1233
50	49	200	1300	1282
100	98	300	50	1331
50	148	400	1400	1379½
200	197	500	50	1428
50	246	600	1500	1477
300	296	700	50	1525½
50	346	800	1600	1574½
400	395	900	50	1622½
50	444	1000	1700	1671
500	494	1100	50	1720
	543	1200	1800	1768
600	593	1300	50	1817
	643	1400	1900	1865
700	692	1500	50	1913
50	742	1600	2000	1961
800	791	1700	50	2009
50	840½	1800	2100	2057½
900	889½	1900	50	2105½
50	939	2000	2200	2199
1,000	988	2100	50	2247
50	1037	2200	2300	2294½
1,100	86	2300	50	2342½
50	1135	2400	2400	2390

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2450	2438½	2500	3200	3162½
2500	2486	2600	50	3198
50	2534	2700	3300	3245
2600	2581	2800	50	3292
50	2629½	2900	3400	3339
2700	2676	3000	50	3386
50	2724½	3100	3500	3433
2800	2771	3200	50	3479½
50	2819	3300	3600	3526½
2900	2866	3400	50	3573
50	2914	3500	3700	3621
3000	2960	3600	50	3667
50	3009½	3700	3800	3713
3100	3056	3800	50	3760
50	3104	3900	3900	3807
		4000	50	3854

3300

SERIAL TEMPERATURES.

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

REMARKS:

2193.5
2149.5

807.

No. *Date*

Machine. *Reel.*

Turns *Cor. +* *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge Measu. Machi

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4000	3970	0	5200	5002
50	3946½	100	50	5047
4100	3934½	200	5300	5092
50	4040	300	50	5137½
4200	4085½	400	5400	5185
50	4132½	500	52	
4300	4179	600	5500	
50	4224½	700	50	
4400	4271	800	5600	
50	4317	900	50	
4500	4363	1000	5700	
50	4408½	1100	50	
4600	4455½	1200	5800	
50	4500½	1300	50	
4700	4547	1400	5900	
50	4591½	1500	50	
4800	4637½	1600	6000	
50	4683	1700		
4900	4729½	1800		
50	4774½	1900		
5000	4820	2000		
50	4865	2100		
5100	4911	2200		
50	4956½	2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

No. *Date*

Machine. *Reel.*

Turns *Cor. +* *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Metamer	Signaler	0		
0	0	100		
		200		
50	50	300		
		400		
100	150	500		
		600		
150	149 1/2	700	1/2	
		800		
200	199 1/2	900	1/2	
		1000		
250	249 1/2	1100	1/2	
		1200		
300	299	1300	1	
		1400		
350	349	1500	1	
		1600		
400	399 1/2	1700	1 1/2	
		1800		
450	448	1900	2	1/2
		2000		
500	497	2100	3	1
		2200		
550	546 1/2	2300	3 1/2	1/2
		2400		

Measuring 640 4	Signals 576	2500		
		2600	4	1/2
		2700		
640	645 1/2	2800	4 1/2	1/2
		2900		
700	699 1/2	3000	5 1/2	1
		3100		
760	748 1/2	3200	6 1/2	1
		3300		
800	751	3400	7	1/2
		3500		
860	812	3600	8	1
		3700		
900	851	3800	9	1
		3900		
960	932	4000	11	2

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Measuring	Signals		
50	1000	1025	12 1/2	1 1/2
100				
200	1050	1052	13	1/2
300				
400	1160	1176	14	1 Surface Temp
500				
600	1250	1257 1/2	14 1/2	1/2
700				
800	1350	1357 1/2	15 1/2	2
900				
1000	1450	1457	15	1

REMARKS:

80.

No. *Date*

Machine. *Reel.*

Turns *Cor. +* *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Thickening	Signoff	0		
1300	1514	100	20	4
		200		
1500	1527	300	21	1
		400		
1400	1556½	500	23	2
		600		
1450	1585½	700	24½	1½
		800		
1500	1479	900	26	1½
		1000		
1550	1502	1100	28	2
		1200		Slack 149
1600	1570	1300	30	2
		1400		
1650	1618	1500	32	2
		1600		
1700	1666	1700	34	2
		1800		
1750	1714	1900	36	2
		2000		
1800	1761	2100	38½	2½
		2200		
1850	1810	2300	40	1½
		2400		

Measuring Siphon

1900	19.65	2500	42	2
		2600		
1920	19.86	2700	44	1
		2800		
2000	19.83½	2900	46½	2½
		3000		
2100	20.13½	3100	45½	2
		3200		
2180	20.81	3300	49	½
		3400		
2180	20.97	3500	53	1
		3600		
2200	21.45	3700	54	1 176 Splice
		3800		
2400	21.92	3900	58	1
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
	Measuring Siphon			
25				
50	2300	2089½	61½	2½
100				
200	2360	2277	63	1½
300				
400	2420	2325	65	2
500				
600	2480	2391½	67½	2½
700				
800	2500	2430	70	1½
900				
1000	2520	2477	73	3

REMARKS:

No. *Date*

Machine. *Reel.*

Turns *Cor. +* *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Missing	Signaled	0		
2500	2594 1/2	100	75 1/2	2 1/2
		200		
2650	2681	300	79	3 1/2
		400		
2700	2719	500	81	2
		600		
2750	2665	700	86	3
		800		
2800	2715	900	87	1
		1000		
2850	2754	1100	90	3
		1200		
2900	2814 1/2	1300	93 1/2	3 1/2
		1400		
2950	2853 1/2	1500	96 1/2	3
		1600		
3000	2901	1700	99	3
		1800		
3050	2943	1900	102	3
		2000		
3100	3094	2100	105 1/2	3 1/2
		2200		
3150	3040	2300	109	3 1/2
		2400		

Measuring	Sig's Pass	2500		
32.00	32 3/4	2600	112	3
		2700		
32.50	31 3/5	2800	115	3
		2900		
33.00	31 1	3000	118 1/2	3 1/2
		3100		Sig's 33.25
33.50	32 24	3200	122	4
		3300		
34.00	32 74 1/2	3400	125 1/2	3 1/2
		3500		
34.50	33 21 1/2	3600	128 1/2	3
		3700		
35.00	33 67 1/2	3800	132 1/2	4
		3900		
35.50	34 16 1/2	4000	135 1/2	3

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Measuring	Sig's Pass	~~139 1/2~~	
50	36.00	34 60 1/2	139 1/2	4
100				
200	36.50	35 07 1/2	142 1/2	3
300				
400	37.00	35 53 1/2	146 1/2	4
500				
600	37.50	36.00	150	4
700				
800	38.00	36.47	153	3
900				
1000	38.50	36.92 1/2	157 1/2	4 1/2

REMARKS:

No. *Date*

Machine. *Reel.*

Turns *Cor. +* *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
[illegible]	[illegible]	0		
3956	37 34 1/2	100	[illegible]	[illegible]
		200		
3950	37 1 7	300	[illegible]	3 1/2
		400		
4000	3[illegible]	500	169	[illegible]
		600		
4350	[illegible] 7 1/2	700	172 1/2	[illegible]
		800		
4100	39 23 1/2	900	174 1/2	[illegible]
		1000		
4250	3970	1100	156	3 1/2
		1200		4150 Sleeve
[illegible]	40 15 1/2	1300	[illegible]	[illegible]
		1400		
[illegible]	4061 1/2	1500	[illegible]	[illegible]
		1600		
4500	41 17 1/2	1700	192 [illegible]	[illegible]
		1800		
4529	41 [illegible] 3	1900	197	[illegible]
		2000		
4400	41 [illegible] 1/2	2100	200 1/2	[illegible]
		2200		
4450	41 [illegible]	2300	2 0 5	4 1/2
		2400		

[illegible]	[illegible]	2500		
[illegible]	[illegible]	2600	209½	[illegible]
		2700		
[illegible]	[illegible]	2800	214	[illegible]
		2900		
[illegible]	[illegible]	3000	218	[illegible]
		3100		
[illegible]	[illegible]	3200	[illegible]	[illegible]
		3300		
[illegible]	[illegible]	3400	227	[illegible]
		3500		
[illegible]	[illegible]	3600	230½	[illegible]
		3700		
[illegible]	[illegible]	3800	234½	[illegible]
		3900		
[illegible]	[illegible]	4000	239½	[illegible]

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	[illegible]	[illegible]		
50	[illegible]	[illegible]	[illegible]	[illegible]
100				
200	[illegible]	[illegible]	249½	[illegible]
300				
400	[illegible]	[illegible]	253½	[illegible]
500				
600	[illegible]	[illegible]	[illegible]	[illegible]
700				
800	[illegible]	[illegible]	263	[illegible]
900				
1000	[illegible]	[illegible]	268	[illegible]

REMARKS:

60.

No. *Date*

Machine. *Reel.*

Turns *Cor. +* *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Beginning	Sighter	0		7 1/2
5300	4727 1/2	100	277 1/2	Splice 5315
		200		Splice 5348
5350	4774 1/2	300	277 1/4	5
		400		
5400	5010	500	284	4 1/2
		600		
5450	5093	700	287	5
		800		
5500	5108 1/2	900	291 1/2	4 1/2
		1000		
5550	5153 1/2	1100	294 1/2	Splice 5491
		1200		
5600	5198	1300	302	5 1/2
		1400		
5650	5242	1500	308	6
		1600		
5700	5286	1700	314	6
		1800		
5750	5331	1900	319	5
		2000		
5800	5375 1/2	2100	324 1/2	5 1/2
		2200		
5850	5420	2300	330	5 1/2
		2400		

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Machine	Sigsbee			
5300	5465	2500		
		2600	335	5
		2700		
5850	5520	2800	370	5
		2900		
5900	5550	3000	346	6
		3100		
5950	5559	3200	351	5
		3300		
6000	5644	3400	356	5
		3500		
6050	5688	3600	362	6
		3700		
6068	5715 14	3800	362 1/2	1/2
		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. 1 Date Aug. 26

Siglen Machine. Reel.

Turns 1769 Cor. + Depth 1955

~~Shot or~~ lead 60 #

Bottom

Bottom temperature Lost

No. of thermometer 78523. Cor.

Corrected temperature

Air Surface 63 Drift

Trawl or dredge Open [illegible]

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
2,43.20		0	4.28.10	5.37.00
44.30		100	34.10	49.00
45.30	49.50	200	38.45	47.30
46.30	49.00	300	43.10	46.45
47.30	48.10	400	45.15	43.30
48.20	47.20	500	52.30	5.40.10
49.20	46.20	600		
50.35	21.40	700	Reel Collapsed	
51.40	21.35	800		
52.20	20.30	900		
54.00	19.30	1000		
55.20	18.20	1100		
56.35	17.15	1200	Wire cracked	
58.00	16.10	1300	away. Lost	
59.15	15.05	1400	thermometer 78523	
3 00 30	14.55	1500		
01.50	13.40	1600		
53.15	3.17.20	1700		
05.03	3 11.00	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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Cat 59.

		2500		
		2600		
		2700		
		2800		
		2900		
1955		3000		
760		3100		
196		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	Broken off at 5,06			
600	" "	"	"	5,37
700				
800	Drived at 300 fate surface			
900				
1000				

REMARKS:

When reeling in, 695 fms wire out, ~~[illegible]~~ of reel carried away. Slight reel. Port reel wire out, 1000 fms carried away. Lost Thermometer #78523 and sounding rods.

Wt. 4768.5

No. 22052 / 25644.5 Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0	0	0	1250	
50		100	1300	
100		200	50	
50		300	1400	
200		400	50	
50		500	1500	
300		600	50	
50		700	1600	
400		800	50	
50		900	1700	
500		1000	50	
50		1100	1800	
600		1200	50	
50		1300	1900	
700		1400	50	
50		1500	2000	
800		1600	50	
50		1700	2100	
900		1800	50	
50		1900	2200	
1000		2000	50	
50		2100	2300	
1100		2200	50	
50		2300	2400	
1200		2400	50	

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fmo	S.M.		fmo	S.M.
2500		2500	3300	
50		2600	50	
2600		2700	3400	
50		2800	50	
2700		2900	3500	
50		3000	50	
2800		3100	3600	
50		3200	50	
2900		3300	3700	
50		3400	50	
3000		3500	3800	
50		3600	50	
3100		3700	3900	
50		3800	50	
3200		3900	4000	
50		4000	50	

SERIAL TEMPERATURES.

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

REMARKS:

m.

No. *Date*

Machine. *Reel.*

Turns *Cor.* + *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	9-57.30	
		100		
		200		
		300		
		400	12-40	
		500	16.15	
		600	19.15	
		700	22.15	
		800	25.00	
		900	27.00	
		1000	30.05	
		1100	33.10	
		1200	36.00	
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

Surface Temp. on Oct. 1928

807.

Net Log 80.

No. 1 A 2 Date 27 Aug 99

Dredge Machine. Reel. New Navy

Turns 2704 Cor. + 164 Depth 2368.

Shot or lead 60 lb

Bottom ~~Gray~~ light brown rock (Volcanic)

Bottom temperature 35.

No. of thermometer 78521 Cor. - 0.4

Corrected temperature 34.6

Air Surface 66° Drift

Trawl or dredge 8 feet.

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
8 12.30	35.47 32.30	0	9.49.30	2.33 {18.15 17.20
13.20	31.21	100	54.31	15.10
14.[illegible]	30.14	200	58.59	11.54
14.57	29.07	300	10.03.10	1.35 {7.33 4.37
15.35	9.28	400	07.35	2- 2.30
16.35	9.0-05	500	10.30	59.05
17.15	59.18	600	13.20	55.36
18.10	58.15	700	16.20	52.03
19.09	57.11	800	19.16	48.31
20.17	56.09	900	22.10	44.56
21.13	55.07	1000	25.37	41.15
22.16	54.08	1100	29.01	38.07
23.21	53.02	1200	31.55	34.50
24.28	51.59	1300	34.38	31.25
25.38	51.02	1400	37.10	27.37
26.48	50.17	1500	39.40	23.26
27.58	49.12	1600	42.=	19.35
29.10	48.07	1700	44.12	15.23
30.20	46.58	1800	47.10	11.18
31.33	45.47	1900	50.=	07.29
32.47*	44.20	2000	52.20	1- 03.30
34.02*	8.40.51	2100	54.48	58.47
8.35.19*	8.37.40	2200	56.31	52.29
		2300	11.0-11	46.02
		2400	02.35	39.55

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* Stopped

* Stopped reel broke

		2500	[illegible]	36.39
		2600	[illegible]	30.53
		2700	[illegible]	25.48
		2800	[illegible]	22.30
		2900	[illegible]	19.15
		3000	[illegible]	15.53
		3100	[illegible]	11.05
		3200	[illegible]	[illegible]
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

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

REMARKS:

No. 882 cont'd Date Aug 27, 1899

Machine. Reel.

Turns 500 Cor. + Depth

Shot or lead 60 lb.

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Intermediate Obs.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	3- 17.20	12.30
		100	21.40	09.05
		200	25.16	05.40
		300	28.34	4- 02.
		400	32.08	58.13
		500	35.41	3- 54.10
350 fms. to surface		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

8—571

		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:

801.

No. A 12 Cont'd Date Aug 27, 1899

Machine. Reel.

Turns 150 Cor. + Depth

Shot or lead 60 lb.

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Intermediate Gear

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	4- 19.10	46.05
		100	23.16	42.30
		50 200	25-	4- 34.26
		300		
100 fms. to Surface -		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2—571

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

SERIAL TEMPERATURES.

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

REMARKS:

No. 3 Aa Date Aug 25, 1899

Machine. Reel

Turns 350 Cor. + Depth

Shot or lead 60 lb.

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Intermediate Gear

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	3- {24 / 24.95 / 30.05	15.15 {26.46 / 26.15
		100	34.17	11.52
		200	37.33	8.27
		300	40.35	5.05
		400 (5°)	42.09	4- 3.09
200 fms to surface -		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

3—571

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

SERIAL TEMPERATURES.

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

REMARKS:

80. Correction Table
Built-up Reel

No. Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE	
~~Down~~	~~Up.~~		~~Down.~~	~~Up.~~
0	0	0	1250	1171.5
50	46	100	1300	1219.5
100	92.5	200	50	1267
50	138.5	300	1400	1314
200	186	400	50	1362
50	232	500	1500	1409.5
300	278.5	600	50	1457
50	325.5	700	1600	1505
400	371	800	50	1552.5
50	418	900	1700	1600.5
500	465.5	1000	50	1648
50	512	1100	1800	1696.5
600	559	1200	50	1744
50	606	1300	1900	1792
700	653	1400	50	1840
50	700.5	1500	2000	1888
800	747	1600	50	1936.5
50	794	1700	2100	1985.5
900	841	1800	50	2032
50	888	1900	2200	2081
1000	935	2000	50	2129
50	982	2100	2300	2177.5
1100	1029	2200	50	2226.5
50	1077	2300	2400	2275.5
1200	1124	2400	50	2322.5

3—671

2500	2371	2500		
50	2420			
2600	2469	2600	3350	
50	2517.5	2700	3400	
2700	2567	2800	50	
50	2616	2900	3500	
2800	2654.5	3000	50	
50	2713	3100	3600	
2900	2762.5	3200	50	
50	2812	3300	3700	
3000		3400	50	
50		3500	3800	
3100		3600		
50		3700		
3200		3800		
50		3900		
3300		4000		

SERIAL TEMPERATURES.

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

REMARKS:

Pat. Seq 62.9

No. A.A. 4 Date Aug. 29 1899

Sigsbee Machine. Reel. Brass

Turns 2496 Cor. + 13½ Depth 2628 fms

Shot ~~or lead~~ 60 #

Bottom Br. ooze (Volcanic)

Bottom temperature 35°

No. of thermometer 78521 Cor. −0.4

Corrected temperature 34.6

Air 69 Surface 69 Drift

~~Trawl or~~ dredge Intermediate open.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.10.30	9.09.00	0	9.24.00	10.33.00
11.30	07.50	100	28.00	30.05
12.00	06.50	200	30.00	27.00
12.50	05.55	300	33.30	23.50
13.35	05.02	400	35.40	20.50
14.20	04.02	500	37.50	17.30
15.30	03.05	600	39.50	14.05
16.30	02.05	~~700~~	9.41.00	10.12.00
17.30	01.05	800		
18.30	9.00.07	900	500 fms. to	
19.30	59.07	1000	surface –	
20.31	58.08	1100		
21.40	57.05	1200		
22.40	56.15	1300		
23.50	55.20	1400		
25.00	54.32	1500		
26.20	53.37	1600		
27.30	52.35	1700		
28.45	51.35	1800		
30.00	50.35	1900		
31.15	49.35	2000		
32.37	48.30	2100		
33.55	47.30	2200		
35.30	46.30	2300		
37.00	8.45.10	2400		

Turns 400 – Reel in

Dredge Wire

2–671

8.39.20	8.43.30	2500		
OK H.O.T.		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:

Time started 12 hours after sounding.
Surface reached on at 9.25.
" " " 10.00
" " " 10.05
" " " 10.11

W.H.S. & W.H.S. Pat log. 142

No. 19 A 5 Date Aug 30 99

Angsbe Machine. Reel. Built up Brass

Turns 2606 Cor. + 134 Depth 2740 fms

Shot or lead 60 pounds

Bottom Brown ooze (volcanic)

Bottom temperature 35° F

No. of thermometer 78521 Cor. - 0.4

Corrected temperature 34.6

Air 68 Surface 70 Drift =

Trawl or dredge Intermediate open

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.12 =	7.16.10	0	8-13.50	48.30
13.03	15.19	100	18.40	45.28
13.48	14.40	200	22.40	8-42.25
14.35	14.=	300		
15.25	13.20	400	150 fms. to	
16.13	12.15	500	surface —	
17.05	11.07	600		
18.21	10.01	700		
19.20	09.08	800		
20.10	08.10	900		
21.20	07.15	1000		
22.24	06.20	1100		
23.29	05.24	1200		
24.31	04.27	1300		
25.36	03.27	1400		
26.45	02.25	1500		
27.54	7.01.19	1600		
29.09	58.41	1700		
30.19	57.38	1800		
31.35	56.36	1900		
32.47	55.27	2000		
34.08	54.17	2100		
35.30	52.59	2200		
36.54	51.34	2300		
38.21	50.09	2400		

2—671

[illegible]	[illegible]	2500		
[illegible]	6.26.50	2606 2600		
		2700		
		2800	3657	143
		2900	2606	9
		3000	1051	134
		3100		2606
		3200		2,740
		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:

"6.58.41 stopped [illegible]
Begun at [illegible] = Sun at 7.16.10
Single f. [illegible] 18'
Starting [illegible] found [illegible]
on lower reel
Intermediate Nos run 8-15.50
" " in 8-48.30

Sta. Set Reg. 82.4

No. A A 6 Date Aug. 21" 99

Signal Machine. Reel. Chief Quiet Up.

Turns Cor. + Depth

Shot ~~or lead~~ 60 lb.

Bottom

Bottom temperature

No. of thermometer 76031 Cor.

Corrected temperature

Air Surface 76° Drift

Trawl or dredge

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

Dell

Neap Supp

		2500		
		2600		
		2700		
		2800		
		2900	36 ✓	1+3
		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:

We carried away at 2d turn. Lost thermometer, depth 31. Sounding cup + 60 feet [illegible] Sounding [illegible] but [illegible] of [illegible] into the hole. Still up [illegible].

Station 8 Friday G.S. 85.2

No. 4 A.6 Date Aug 31 1899

Sigsbee Machine. Reel. Bird Quick Up

Turns 2676 Cor. + 134 Depth 2810 fms.

Shot ~~or lead~~ 60 # OK

Bottom Dark Brown Ooze Hc2

Bottom temperature None. Stern - frubes.

No. of thermometer #18002 Cor.

Corrected temperature

Air 68 Surface 75 Drift

Trawl ~~or dredge~~ Large Intermediate open

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.39.40	9.41.55	0	9.32.40	0 40.40
40.40	40.55	100	37.00	37.15
41.20	39.55	200	00.30	34.00
42.00	38.55	250 300	10.00:30	10.25.50
42.55	37.55	400		
43.45	36.55	500	150 fms. to	
44.35	35.55	600	surface -	
45.30	34.55	700		
46.20	34.00	800		
47.20	33.05	900		
48.25	32.10	1000		
49.20	31.15	1100		
50.32	30.15	1200		
51.32	29.10	1300		
52.25	28.28	1400		
53.42	26.45	1500		
54.40	25.30	1600		
56.00	24.10	1700		
57.10	22.55	1800		
58.25	21.40	1900		
59.40	20.30	2000		
9.00.51	19.20	2100		
01.10	18.00	2200		
03.20	16.45	2300		
04.50	9.15.25	2400		

2—571

9.06.15	12.00	2500		
07.30	12.20	2600		
9.08.30	9.11.30	2676		
		2700		
		2800	3657	149
		2900	2676	8
		3000	981	134
		3100		2676
		3200		2811
		3300		
		3400	3652	142
		3500	2676	8
		3600	976	134
		3700		2676
		3800		2810
		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:

Thermometer broken. Did not register.
Depth of Sounding 18 3m 11"
Surface Tel. 9.56
" " Air " 10.10
Ob. 09 Random water jumped quite in bell tube

No. [illegible] Date [illegible]

Machine. Reel. [illegible]

Turns 2745 Cor. + 136 Depth 288 fms

Shot ~~or lead~~ 60 pounds

Bottom OK brown ooze Volcanic

Bottom temperature 56½°

No. of thermometer 78522 Cor.

Corrected temperature

Air 76 Surface 76 Drift

Trawl ~~or dredge~~ Intermediate open

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.04	9.19	0	9.17.40	56.21
.55	8.21	100	23.25	54.35
06.38	7.35	200	25.28	49.20
06.22	6.45	250 300	26.52	9 47.35
07.13	5.55	400		
07.58	5.05	500	150 fms to	
08.41	4.15	600	surface -	
09.39	3.30	700		
10.33	2.30	800		
11.29	1.29	900		
12.21	9.35	1000		
13.25	59.38	1100		
14.24	58.36	1200		
15.29	57.33	1300		
16.30	56.29	1400		
17.33	55.19	1500		
18.39	54.09	1600		
19.49	52.58	1700		
20.56	51.45	1800		
22.09	50.31	1900		
23.25	49.19	2000		
24.44	48.09	2100		
26.02	46.59	2200		
27.23	45.50	2300		
28.43	44.30	2400		

2—571

[illegible]				
[illegible]	4310	2500		
31.30	[illegible]	2600		
32.52	38.[illegible]	2700		
3535	8.5[illegible]	2740 2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	3652	1420
		3600	2745	6
		3700	907	136
		3800		2745
		3900		2881
		4000		

SERIAL TEMPERATURES.

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

REMARKS:

Thermometer failed to register.
[illegible] Bot [illegible] Ave
We left [illegible] 19 Ave.
Surface net over 15 minutes.

Surface net over 9.17 Ho
" " m. 9.58.31.

Temperature Wire on

No. H.C.B. Date 1st Sept '99.

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Signaled	Measure	0 0 8	625	633
25	25	0 100 9	50	59
50	50	0 200 10	75	85
75	75	0 300 11	700	711
100	100	0 400 12	25	37
25	25	0 500 13	50	63
50	50	0 600 14	75	89
75	76	1 700 15	800	816
200	201	1 800 16	25	41
25	26	1 900 17	50	67
50	51	1 1000 18	75	93
75	76	1 1100 19	900	919
300	302	2 1200 20	25	46
25	27	2 1300 21	50	71
50	52	2 1400 22	75	97
75	77	2 1500 23	1000	1023
400	403	3 1600 24	25	49
25	27	3 1700 25	50	75
50	53	3 1800 26	75	1102
75	79	4 1900 28	1100	28
500	504	4 2000 30	25	55
25	30	5 2100 32	50	82
50	55	5 2200 33	69	1202
75	81	6 2300		
600	607	7 2400		

8—511

Splice at 625 fms.

Patchin Contr. Stat Rel –

		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:

Comparison Table

No. Date

Sigsbee Machine. #1 Reel. Built-up

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Sigsbee	Measure	0		
100	100	0 100 55	2100	2155
200	201	1 200 60	200	260
300	302	2 300 65	300	365
400	403	3 400 70	400	470
500	505	5 500 75	500	575
600	607	7 600 81	600	681
700	709	9 700 87	700	787
800	811	11 800 93	800	893
900	913	13 900 100	900	3000
1000	1015	15 1000 107	3000	107
100	118	18 1100 114	100	214
200	221	21 1200 121	200	321
300	324	24 1300 129	300	429
400	427	27 1400 137	400	537
500	530	30 1500 145	500	645
600	634	34 1600 154	600	754
700	738	38 1700 157	3643	3800
800	542	42 1800		
900	946	46 1900		
2000	2050	50 2000		
		2100		
		2200		
		2300		
		2400		

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		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	4.8 11	[illegible]		
50	2.5 11	"		
100	2.6.30	"		
200	[illegible]	—		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date Sept 1 '99

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Surface set

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

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		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:

Surface net 0 m. 8. 06 pm
" " m 8. 25

607. Pat Log. 34.

No. A A 8 Date Sept 2 '99

Machine. #1 Reel. Built up.

Turns 2624 Cor. + 142 Depth 2766 fms

Shot or lead 60 fmms

Bottom

Bottom temperature

No. of thermometer 78522 Cor.

Corrected temperature

Air 71 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
00.40	07.30	0		
01.25	06.35	100		
02.09	05.42	200		
02.55	04.40	300		
03.41	03.40	400		
04.38	02.36	500		
05.25	01.30	600		
06.20	00.25	700		
07.16	59.16	800		
08.10	58.06	900		
09.10	56.55	1000		
10.17	55.40	1100		
11.20	54.26	1200		
12.23	52.59	1300		
13.28	51.30	1400		
14.32	50.16	1500		
15.39	48.55	1600		
16.45	47.27	1700		
17.54	45.27	1800		
19.03	43.13	1900		
20.13	41.15	2000		
21.25	39.37	2100		
22.36	38.10	2200		
23.50	36.40	2300		
25.06	35.01	2400		

3—571

12	26.20	3355	2500	
	27.36	3200	2600	
	28	3129	2634 2700	
			2800	
			2900	
			3000	
			3100	
			3200	3623 / 2622
			3300	1219
			3400	
			3500	
			3600	
			3700	
			3800	
			3900	
			4000	

				107 / 15
				142
				2624
				2766

SERIAL TEMPERATURES.

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

REMARKS:

Lost thermometer, 7 1522
Atmosphere considerably cut

Pat Log # 54.6

No. A. A. 9 Date Sept 2 1899

Sigsbee Machine. #1 Reel. Built up -

Turns 2557 Cor. + 146 Depth 3.003 fms

Shot or lead 60 Lb

OK
H.C.H.

Bottom

Bottom temperature

No. of thermometer 78521 Cor.

Corrected temperature

Air 72 Surface 76. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-20	44.10	0		
4-15	43.11	100		
5-00	42.20	200		
5-45	41.30	300		
6-35	40.39	400		
7-27	39.45	500		
8-20	38.48	600		
9-15	37.55	700		
10-10	37.03	800		
11-08	36.11	900		
12-05	35.18	1000		
13-10	34.20	1100		
14-09	33.21	1200		
15-16	32.18	1300		
16-20	31.05	1400		
17-23	29.55	1500		
18-31	28.41	1600		
19-38	27.23	1700		
20-46	26.03	1800		
21-56	24.38	1900		
23.04	23.13	2000		
24-15	21-45	2100		
25-27	20.22	2200		
26.34	18.53	2300		
27.53	17.27 48.10	2400		

3—571

4.						
56 32	29.12	15 54	46.31	2500		
57 40	30.33	14 21	43.27	2600		
59 41	31.51	12 55	41.40	2700		
0 30	33.08	11 21	37.51	2800		
	33.20	4.	37.30	2807		
1-05		F.		2900		
				2930		
5=	5.15		5-10.30	3000		
				2857		
				3100		
				3200		
				3300		
				3400		157
				3500	3643	1
				3600	2857	146
				3700	786	2857
				3800		3003
				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:

4-45.10 Stopped hoisting in
4-55.45 Commenced lowering again
5-5.15 bottom
5-10.30 Commenced hoisting in
Lost everything, "no wire"
Cut off 30 feet wire.

Sta. 10 Oct 5 09, 10.

No. M.V. 10 Date Sept 7 99

Vessel Machine #1 Reel Built-up-

Turns 2942 Cor. + 146 Depth 3088 fm 565

Shot ~~or leaf~~ 60 ft 01C HCB

Bottom

Bottom temperature

No. of thermometer 69481 Cor.

Corrected temperature

Air 81 Surface 78 Drift

Trawl ~~or dredge~~ 5½ ft Wahl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
04.30	58.20	0	10.10.30	43.30
05.30	57.10	100	20.20	39.45
06.20	56.10	200	25.40	36.45
07.20	55-20	300	29.00	33.35
08.20	54-10	400	31.15	30.20
09.10	53-00	500	34.30	27.05
10.05	51-45	600	37.40	23.53
11.00	50.50	700	41.00	20.20
11.50	49.50	800	44.00	16.50
12.50	48.45	900	47.00	13.14
13.50	47.40	1000	50.10	09.59
14.50	46.35	1100	53.20	06.55
15.50	45.30	1200	56.40	03.50
16.55	44.25	1300	11.01.10	3.00.45
18.00	43.20	1400	03.30	57.20
19.10	41.55	1500	06.04	53.35
20.15	40.30	1600	08.44	49.40
21.20	39.05	1700	10.56	45.50
22.30	37.45	1800	12.57	42.00
23.35	36.15	1900	15.09	38.00
24.45	34.40	2000	17.30	33.30
26.00	33.00	2100	19.31	29.00
27.20	31.05	2200	22.01	24.25
28.40	29.20	2300	24.40	19.30
30.05	27.40	2400	26.55	15.=

2—071

21.20	20.50	2500	29.22	10.25
22.10	24.00	2600	32.04	06.15
24.00	21.30	2700	34.40	2.-.40
25.20	19.00	2800	37.40	55.50
26.50		2900	40.05	49.00
27.20	10.00	3000	42.08	44.00
		3100	44.50	38.00
		3200	47.00	32.00
		3300	51.10	27.00
2613	15	3400	53.30	21.50
2942	8	3500	56.10	15.30
671	146	3600	59.30	08.40
	2942	3700	12.00.30	02.45
	3082	3800	02.15	56.50
		3900	05.10	50.25
		4000	09.10	44.00

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THERM.	COR.	COR. TEMP.
25				
50				
100	Nine			
200	and			
300	cylinder			
400	Therm			
500	stray-			
600				
700				
800				
900				
1000				

REMARKS:

Cat Log 4.7

No. A. A 11 Date 9 Sept 99

Sigsbee Machine. 1 Reel. ~~[illegible]~~ Built up

Turns 2510 Cor. + 136 Depth 2646 fms.

Shot ~~or lead~~ 60 lb

Bottom Lt. Brown Ooze "Uhlana" 350 B.

Bottom temperature 75°

No. of thermometer 80465 Cor.

Corrected temperature

Air 73 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9- 10.20	13.10	0		
11.02	11.50	100		
12.42	10.50	200		
13.30	09.50	300		
14.20	08.40	400		
15.12	07.25	500		
16.10	05.50	600		
17.12	04.40	700		
18.15	03.35	800		
19.15	02.30	900		
20.17	01.25	1000		
21.25	10- 00.20	1100		
22.30	59.20	1200		
23.40	58.08	1300		
24.51	57.00	1400		
26.01	55.50	1500		
27.07	54.45	1600		
28.20	53.30	1700		
29.31	52.25	1800		
30.42	51.30	1900		
31.54	50.00	2000		
33.05	48-45	2100		
34.20	47.30	2200		
35.35	46.08	2300		
36.52	9- 44.42	2400		

2-071

9. 38.08	42.50	2500		
39.05	9.42.30	2510		
		2600		
		2700		
		2800		
		2900		
		3000		
	153	3100		
3607	17	3200	3607	153
2510	136	3300	2510	17
1097	2510	3400	1097	136
	2646	3500		2510
		3600		2646
		3700		
		3800		
		3900		
		4000	At 1000 fms	

966

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	at 10	20 lowered	36 left	
50	& 60	& shot at	end of draft	
100	were	to test its strength.		
200	Da at	11 06.	time 15 min.	
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Commenced lowering 9-10 20
heaving up 9-42 30
" up 10-11.18
Time 1 hr 55 minutes.
Thermometer failed to register

Pat Log

No. A. A. 11 Date 3 Sept 1899

Signal Machine. / Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

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

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

SERIAL TEMPERATURES.

771 DEPTH.		TEMP.	NO. OF THER.	COR.	COR. TEMP.
746	25	Fail	80466	[illegible]	
722	50	78.7	80490		
673	100'	55.9	80481		
575	200'	48.9	92446		
478	300'	44.1	92448		
381	400'	45.	92443		
285	500'	~~76.5~~	80479		
189	600	~~76.5~~	80478		
94	700	88.9	80469		
Shot	800	~~76~~	80485		
	~~900~~				
	1000				

REMARKS

Down 11-32 20 Continuing - 11-42 25
Up 11-49 20

Bar Dig. 61.2

No. 12 Date Sept 1899

Machine. Reel. Wire no.

Turns 2 Cor. + 141 Depth 2883 fms.

Shot or ~~lead~~ 60#

Bottom Light Pr. Radiolarian ooze

Bottom temperature Dipped not pulled to Frigidus

No. of thermometer 80486 Cor. Correct

Corrected temperature

Air 81 Surface 81 Drift

Trawl or dredge Large intermediate open.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.35.10	9.43.00	0	9.59.00	10.23.00
37.10	44.10	100	10.02.10	20.15
38.00	41.30	200	03.30	27.10
39.50	40.45	300	10.05.00	10.25.30
40.40	40.00	400		
41.30	39.20	500	150 fms to	
42.30	38.50	600	Surface —	
43.15	37.50	700		
44.05	36.55	800		
45.05	36.00	900		
46.00	35.00	1000		
47.20	33.50	1100		
48.30	32.40	1200		
49.30	31.30	1300		
50.40	30.15	1400		
51.50	29.00	1500		
53.00	27.45	1600		
54.10	26.20	1700		
55.20	25.20	1800		
56.30	24.00	1900		
57.50	22.55	2000		
59.20	21.57	2100		
9.00.45	20.45	2200		
02.10	19.35	2300		
03.30	9.18.10	2400		

8—671

9.05.00	16.45	2500		
06.40	14-50	2600		
08.15	12-40	2700		
9.09.00	9.17.00	2742 2800		
		2900		
		3000		
		3100	2603	10-3
		3200	274	13
		3300	861	1 41
		3400		2742
		3500		2883
		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:

[illegible]

Surface not obtained at 10.18.
" " " " 10.26.

907. Correction Table

No. ~~23~~ A-2 Date 4 Sept-99-

Machine. #2 Reel. Built-up-

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Relied on wire stern-

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Sighted	Measured	0 8	1250	58
50	50 [illegible]	100 9	1300	1309
100	100 [illegible]	200 10	50	60
50	50 [illegible]	300 11	1400	1411
200	200 [illegible]	400 12	50	62
50	50 [illegible]	500 13	1500	1512
300	300 [illegible]	600 14	58	68
50	50 [illegible]	700 15	1600	1615
400	400 [illegible]	800 16	50	65
50	50 [illegible]	900 17	1700	1721
500	500 [illegible]	1000 18	50	78
50	500	1100 19	1800	1824
600	600	1200 20	50	76
50	500	1300 21	1900	1928
700	704	1400 22	50	80
50	51	1500 23	2000	2031
800	861	1600 24	50	83
50	54	1700 25	2100	2135
900	902	1800 26	50	87
50	58	1900 27	2200	2239
1000	1000	2000 28	50	91
50	54	2100 29	2300	2343
1100	1105	2200 30	50	96
50	56	2300 31	2400	2449
1200	1249	2400 32	50	2507

2—671

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

SERIAL TEMPERATURES.

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

REMARKS:

607.

No. *Date* 4th Sept 1899.

Machine. *Reel.*

Turns *Cor.* + *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4160	4258	0		
62	4312	100		
4200	66	200		
50	4420	300		
4300	74	400		
22	4528	500		
4400	82	600		
34	4636	700		
4	91	800		
6	4744	900		
4	4800	1000		
52	52	1100		
4		1200		
4854	4892	1300		
4693	4952	1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

No. Date 4 Sept 99.

Machine. Reel.

Turns Cor. + Depth Surface

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Surface net

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

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		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:

Put off over at 7.55
Hauled in " 8.17
Put over again " 8.48
Hauled in 9.03

Cat Lig 5 fo

No. A. A. 13 Date 5 Sept 99

Sigsbee Machine. #1 Recl. Built Up

Turns 2553 Cor. + 137 Depth 2690 fms.

Shot or lead 60 lb. OK

Bottom lt. br. m. radiolarian oz.

Bottom temperature 75½

No. of thermometer 80455 Cor.

Corrected temperature

Air 80 Surface 82 Drift

Trawl or ~~dredge~~ Deep Sea Blake

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
8-[illegible]5	05.30	0	9-27.10	8. 59.10
9-20	04.40	100	30.25	00.20
10-05	04.00	200	32.45	8. 57.20
10-55	03.10	300	35.65	54.20
11-40	02.30	400	39.00	56.10
12-35	01.40	500	42.10	53.00
13-25	00-55	600	44.50	49.30
14-25	9-00.10	700	47.05	46.20
15-20	59.20	800	50.55	43.00
16-18	58.30	900	54.00	39.25
17-15	57.40	1000	57.05	35.40
18-15	56.50	1100	10-00.15	31.55
19-17	56.57	1200	03.40	28.55
20-15	55.00	1300	06.40	26.00
21-20	54.02	1400	10.50	22.10
22-30	53.00	1500	13.40	18.20
23.41	51.55	1600	16.40	14.40
24.55	50.50	1700	20.05	10.10
26.10	49.45	1800	23.20	06.10
27.20	48.35	1900	26.20	2. 52.15
28.30	47.15	2000	29.20	48.05
29.50	46.00	2100	32.00	43.30
31.05	44.40	2200	34.45	48.35
32.25	43.00	2300	37.30	44.00
33.45	40.45	2400	10. 40.30	1. 40.00

2—571

8- 35.10	39.30	2500	10- 43.20	1.35.80
35.40	8- 38.20	2553 2600	46.20	31.10
		2700	49.55	27.00
		2800	52.20	22.50
		2900	55.10	19.45
		3000	55.50	12.40
		3100	11- 01.40	10.30
		3200	04.15	06.50
3603	153	3300	06.55	1.01.50
2553	16	3400	10.30	57.10
1050	137	3500	13.30	51.45
	2553	3600	16.10	47.15
	2690	3700	25.40	42.45
		3800	27.30	31.50
		3900	11,31.25	12.35.35
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700	650	first Rise		
800	675	[illegible]		
900	[illegible]	[illegible]		16 [illegible]
1000	[illegible]	[illegible]		6.17.20

REMARKS;

Commenced sounding 8- 8 25
" Heaving at 8- 38 20
In 9 27 10 Time 1 hr 19 M 55 Sec
Thermometer failed to register
B. Coker travel over 9-27 10
Stopped boring 10. 16 10 Com. L. gin 23 50 travel
not on bottom.

507. F. N. A.

No. Date Sep 5-99

Machine. Reel.

Turns Cor. + Depth Surface

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

~~Trawl or dredge~~ Surface, Jaws Nit

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Orb set		0	8.08	A.M
Hauled in at		100	8.29	A.M
Time 21 Minute		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

M—871

		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:

Cat. Log. 358

No. A-A 14 Date Sept 7 1899

Dispatch Machine. 1 Reel. Built up

Turns 2637 Cor. + 139 Depth 2776 fms

Shot ~~or lead~~ 6 a pound OK

Bottom Light gray ooze Glob. F.C.O.

Bottom temperature 80 + 66

No. of thermometer 80 + 86. Cor.

Corrected temperature

Air 83 Surface 82 Drift

Trawl or dredge Intermediate open

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8 39	43.35	0	9-51-05	27 40
40 =	42 20	100	55 =	25 =
40 45	41 33	200	58 10	22 10
41 30	40.35	300	10 = =	10.20 25
42 25	39 45	400		
43 15	38 54	500	150 fms. out	
44 09	38 =	600	to surface	
45 03	37 06	700		
46 03	36 13	800		
47 02	35 19	900		
48 00	34 25	1000		
49 01	33 27	1100		
50 02	32 27	1200		
51 05	31 20	1300		
52 13	30 13	1400		
53 20	29 07	1500		
54 31	27 55	1600		
55 40	26 45	1700		
56 55	25 21	1800		
58 =	23 35	1900		
59 15	22 25	2000		
9.01 33	20 45	2100		
02 =	19 07	2200		
03 25	17 20	2300		
04 45	15 30	2400		

2—571

9.06.13 07.33 08.10	14 – 17-10 9-11-36	2500 2600 2637 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000	3603 2637 966 3603 2637 966	153 14 139 2637 2776 153 13 139 2637 2776

SERIAL TEMPERATURES.

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

REMARKS.

Thermometer tripped & failed to signal.
Intermediate not open at 9.51
" " no at 10.27.

Surface not open at 10.3
" " " at 10.18

F.M.H.

No. A.A. Date Sept 7-99.

Machine. Reel.

Turns Cor. + Depth Surface

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

~~Trawl or dredge~~ Surface Dredge Net.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Over at		0	8.01	A.M.
		100		
Hauled in at		200	8.21	A.M.
		300		
Time		21	Minutes	
		500		
		600		
Used dip net with electric light over the side from 8.22 until		700		
		800		
		900		
		1000	8.40	A.M.
		1100		
Time		1200	18 Min	
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2—571

		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:

5M-A. Pat Log. 64. 3

No. A. A. 15 Date Sep 8 1891

Sigsbee Machine. #1 Reel. Built Up #1

Turns 2448 Cor. + 135 Depth 2583 fms.

Shot or lead 60 lb. OK

Bottom Lt. Gray Ooze radiolaria globigerina HCS

Bottom temperature 79.6

No. of thermometer 61764 Cor.

Corrected temperature

Air 82 Surface 79 Drift

Trawl or dredge Intermediate Opens.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
AM 8 18.30	14.45	0	9 49.10	24.50
19.25	13.40	100	53.30	22.15
20.05	12.45	200	56.40	19.40
20.50	11.50	250 300	58.10	10-18 00
21.30	10.55	400		
22.25	10.00	500	150 fms. and	
23.24	09.10	600	to surface	
24.20	08.21	700		
25.17	07.30	800		
26.12	06.35	900		
27.10	05.40	1000		
28.10	04.41	1100		
29.08	03.40	1200		
30.12	02.35	1300		
31.15	01.30	1400		
32.20	9-00.20	1500		
33.30	59.12	1600		
34.35	58.00	1700		
35.45	57.40	1800		
36.59	56.20	1900		
38.15	55.00	2000		
39.40	53.30	2100		
41.00	52.05	2200		
42.25	50.25	2300		
44.05	48.30	2400		

3—571

8-45 ~~44.60~~	8-47.20	2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
8603	153	3200		
2448	18	3300	36.03	153
1155	135	3400	2448	18
	1448	3500	1155	135
	2583	3600		2448
		3700		2583
		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:

Intermediate Net run at 9.49.10
" " " in " 10-24.50

Surface Net run at 10.00 A.M.
" " in " 10.15 "

Stow Lost Sealed Thermometer but did not provide its replacement

801

No. Date Sept 8 99

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Surface tow net.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200	3°28'	N
		300	136°54'	N
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

Temperature sent up at 8 01
" " down at 8 21

Cat Log 9.7

No. A. A. 16 Date 9 Sept 99.

Signal Machine #1 Reel Built up #1

Turns 2309 Cor. + 131 Depth 2440 fms

Shot or lead 60 lb. OK

Bottom lt. gy. Oz. g/st. + radiol. HCO3

Bottom temperature 80485 79°

No. of thermometer 50470 35 7/10° Cor.

Corrected temperature

Air 82 Surface 79 Drift

Trawl or dredge Intermediate Open

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8- 9.45	05.38	0	9- 16.12	10.00.10
10.40	04.03	100	19.55	57.12
11.30	02.26	200	23.15	54.15
12.25	01.30	300	26.15	51.20
13.15	9- 00.37	350 400	27.45	9. 49.35
14.10	59.35	500		
15.05	58.40	600	250 fms. and	
16.10	57-35	700	to Surface.	
17.04	56.30	800		
18.03	55.35	900		
19.05	54.41	1000		
20.05	53.34	1100		
21.09	52.30	1200		
22.22	51.25	1300		
23.40	50.18	1400		
25.00	49.10	1500		
26.15	48.00	1600		
27.28	46.35	1700		
28.45	45.10	1800		
30.01	43.45	1900		
31.25	42.20	2000		
32.46	41.00	2100		
34.15	39.30	2200		
35.50	36.40	2300		
36.00	36.08	2309 2400		

3—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
3603	153	3300		
2309	22	3400	3603	153
1294	131	3500	2309	22
	2309	3600	1294	131
	2440	3700		2309
		3800		2440
		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

Surface Net rec at 9-23
" " " " 9-43

501.

No. NWS Date Sept 9 99

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Vessel Intermediate Net

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	7.15	2805
		100	7.20	24[illegible]
		200	7.24.20	21[illegible]
		300	7.28.05	17.10
		400	3130	13.10
		500	3520	8.10
		600		
		700	1°45 N	
		800	137° 36 W	
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Towed at 350 fms depth then sent down messenger to trip - which it did faultly; it was not satisfactory entirely -

Open part to surface 18 minutes

8—671

		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:

Surface net open at 7.20
" " " at 9.40

F.H.H. Cat Log 33.6

No. A. A. 17 Date 10 Sept 99.

Seiche Machine. #1 Reel. Built up #1

Turns 2330 Cor. + 133 Depth 2463 fms

Shot or lead 60 Lb. OR HCZ

Bottom lt. gy. gl. glob. org.

Bottom temperature 50 459- 47°

No. of thermometer 50470 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge Deep Sea Blake.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-22-55	14.30	0	7-23.25	12-23.00
23.20	13.18	100	26.45	19.50
24.05	12.17	200	29.03	16.15
24.55	11.30	300	31.23	13.15
25.46	10.43	400	34.00	10.15
26.30	09.50	500	36.50	07.10
27.20	08.66	600	38.=	04.=
28.15	07.68	700	40.20	12.= 35
29.10	07.00	800	42.35	57.10
30.05	06.03	900	45.05	53.30
31.04	05.05	1000	47.30	50-
32.05	04.00	1100	49.35	46.10
33.15	02.57	1200	51.40	42-
34.20	7-01.50	1300	53.25	38-
35.45	59.30	1400	55.20	33.50
36.35	58.20	1500	57.05	30.40
37.47	57.25	1600	58.50	27.25
38.53	56.20	1700	8.=30	24.05
40.07	55.03	1732 1800	02.- 09.40	20.35
41.15	53.45	1900	11.30	16.55
42.25	52.20	2000	20.31	13.15
43.46	51.05	2100	22.45	09.30
45.00	49.50	2200	24.35	06.21
45.30	48.10	2300	26.55	04=
45.55	6-47.30	2330 ~~2400~~	29.20	11-00.25

2—571

— 490 - 1st haul

		2500	31.27	56.45
		2600	34.20	53.10
		2700	37.30	49.50
		2800	40.53	45.35
		2900	44.25	40.30
		3000	48.13	35.20
		3100	52 =	31.50
3603	153	3200	55.45	27.15
2330	20	3300	58.49	23.25
1273	133	3400	9-01-55	19.30
	2330	3500	64-30	15.10
	2463	3600	33.07	
			42.00	10-10.00
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100	Good haul for			
200	such deep water.			
300				
400				
500				
600	Lost Miller Casella therm			
700	from cage.			
800				
900				
1000				

REMARKS:

Lost first tube of Thermometer 50470
8.02 Register caught, Reversing
and come lowering again 8.07 50
Stopped again 8-07 50 began 8-14 50
Register out of order, stopped
8-13 00 began 8-19 00.
Dragged 90 m at 3500 turns then let
out 100 fathoms more - First haul 490 fms

Sta. Pak. Log. 26.7

No. A A 18 Date Sept 13. 99

Seabee Machine. #1 Reel. Built up.

Turns 2342 Cor. + 133 Depth 2475 fm

Shot ~~or lead~~ 60 lb. OK

Bottom Lt Gray Glob oz. HCT

Bottom temperature 35°

No. of thermometer Miller-Casella Cor.

Corrected temperature

Air 81 Surface 80 Drift

Trawl or dredge Intermediate open.

SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
8.28.30		0	9-32.20	10 24.20
29.35	25.50	100	36.10	21.45
30.25	24.45	200	39.15	19.10
31.15	23.45	300	42.05	16.30
32.10	22.45	400	44.55	13.35
33.05	21.45	500	47.10	10.35
34.05	19.40	550 600	48.20	10.08.45
35.00	18.30	700		
55	17.20	800	400 fms. and	
36.45	16 =	900	in surface.	
37.40	14.05	1000		
38.40	13.15	1100		
39.45	12.15	1200		
40.55	11-10	1300		
42.15	10 =	1400		
43.35	08.55	1500		
44.50	07.50	1600		
46.10	06.40	1700		
47.30	05.20	1800		
48.50	03.55	1900		
50.10	02.35	2000		
51.40	9.01	2100		
53.15	59.25	2200		
54.55	57.30	2300		
55.40	56.45	2342 2400		

3—671

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
2607	163	3200		
2342	30	3300		
265	133	3400		
	2342	3500		
	2475	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:

Sounding 6 28 AM
Surface 9 25
28 at 9 25
Intermediate Tow net at 9 32
" " " m
Surface net out 9 38 25
Intermediate net broke down 9 58 =

Cat Log 26.4

No. A A 19 Date 13 Sept. 19

Machine. #1 Reel. Built Up

Turns 2162 Cor. + 125 Depth 2287

Shot ~~or lead~~ 60 lb.

Bottom Coarse glot ooze yl gy

Bottom temperature 72°

No. of thermometer 80479 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-06.33	56.10	0		
07.35	55.50	100		
08.22	54.10	200		
09.12	53.30	300		
10.00	52.45	400		
10.52	51.50	500		
11.45	51.05	600		
12.37	50.15	700		
13.35	49.20	800		
14.32	48.25	900		
15.35	47.20	1000		
16.40	46.20	1100		
17.44	45.15	1200		
18.45	44.05	1300		
19.55	42.55	1400		
21.05	41.35	1500		
22.17	40.20	1600		
23.27	39.05	1700		
24.40	37.40	1800		
25.54	36.18	1900		
27.12	34.50	2000		
28.30	33.18	2100		
29.20	32.20	2162		
		2300		
		2400		

9—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
	153	3100	2603	153
2603	28	3200	2162	28
2162	125	3300	1441	125
1441	2162	3400		2162
	2287	3500		2287
		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:

Pat. Log 41

No. A A 20 Date Sept 14 99

Sigsbee Machine. # 1 Reel. Built ups

Turns 7147 Cor. + 125 Depth 2267

Shot ~~or lead~~ 60 pound

Bottom Coarse Yellow ooze with Globigerina

Bottom temperature 35/10 Sept. 99

No. of thermometer Miller Casella Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.20	3. 11.45	0		
21.15	09.10	100		
23.00	08.15	200		
23.55	07.25	300		
24.50	06.35	400		
25.40	05.40	500		
26.45	04.55	600		
27.40	04=	700		
28.45	03.5	800		
29.45	02.10	900		
30.55	01.15	1000		
32.00	3. = 10	1100		
33.10	59.10	1200		
34.20	58.00	1300		
35.35	56.55	1400		
36.55	55.45	1500		
38.15	54.30	1600		
39.25	53.25	1700		
40.35	52.15	1800		
42.00	51.00	1900		
43.25	49.50	2000		
44.55	47.30	2100		
45.50	47-	2142 2200		
		2300		
		2400		

3—671

		2500		
		2600		
	3603	2700	153	
	2142	2800	28	
	1461	2900	125	
		3000	2142	
		3100	2267	
		3200	153	125
	3603	3300	28	2142
	2142	3400	125	2267
	1461	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. Aug 26. 1899 Date

Machine. Reel.

Turns Cor. +

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air Surface

Trawl or dredge

Depth

Cor.

Drift

1st	Splice 87 fms
2nd	650 "
3rd	800 "
4th	1275 "
5th	1000 "
6th	1364 "
7	2715 "
8	3570 "
9	4495

Correct record by machine

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
Sounding	Sounding			
0	0	0		
		100		
50	50	200		
		300		
100	100	400		
		500		
150	150	600		
		700		
200	2[illegible]	800		
		900		
250	249 1/2	1000	1/2	
		1100		
300	29[illegible] 1/2	1200	1/2	
		1300		
350	349	1400	1	
		1500		
400	399	1600	1	
		1700		
450	449	1800	2	
		1900		
500	499	2000	2	
		2100		
550	547 1/2	2200	2 1/2	
		2300		
600	596 1/2	2400	3 1/2	

Reliable

Reliable

3—571

[illegible]	[illegible]	2500		
650	646	2600	4	
		2700		
700	695 1/2	2800	4 1/2	
		2900		
750	749 1/2	3000	5 1/2	
		3100		
800	794	3200	6	
		3300		
850	[illegible]	3400	7	
		3500		
900	892	3600	8	
		3700		
950	941	3800	9	
		3900		
1000	990	4000	10	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	[illegible]	[illegible]		
50	[illegible]	[illegible]	11	
100				
200	[illegible]	[illegible]	12	
300				
400	1158	1157	13	
500				
600	1260	1256	14	
700				
800	[illegible]	1354 1/2	15 1/2	
900				
1000	[illegible]	1352 1/2	17 1/2	

REMARKS:

49) 1950 (40
1960

501.

No. *Date*

Machine. *Reel.*

Turns *Cor.* + *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Beginning	Signal	0		
1350	1331	100	19	
		200		
1450	1379	300	26½	
		400		
1450	1429	500	21	
		600		
1500	1471½	700	22½	
		800		
1550	1516½	900	24½	
		1000		
1600	1574	1100	26	
		1200		
1650	1625½	1300	27½	
		1400		
1700	1676½	1500	29½	
		1600		
1750	1719½	1700	30½	
		1800		
1800	1767½	1900	32½	
		2000		
1850	1815½	2100	34½	
		2200		
1900	1863	2300	37	
		2400		

[illegible] 1950	[illegible] 1917½	2500	
		2600	35½
		2700	
[illegible]	1959½	2800	40½
		2900	
2150	2068	3000	42
		3100	
2150	[illegible]	3200	44½
		3300	
2150	[illegible]	3400	46½
		3500	
2200	2154½	3600	48½
		3700	
2250	[illegible]	3800	49
		3900	
2350	2247½	4000	52½

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	[illegible]	[illegible]	[illegible]	
50	2350	[illegible]	[illegible]	
100				
200	2400	2342½	57½	
300				
400	2450	2390½	59½	
500				
600	2500	2438	62	
700				
800	2550	2485½	64½	
900				
1000	2600	2534	66	

REMARKS:

5600
2632
2368 [illegible]

m.

No. *Date*

Machine. *Reel.*

Turns *Cor.* + *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Machine	Sighted	0		
2600	2511	100	69	
		200		
2700	2626	300	71	
		400		
2750	2675½	500	71½	
		600		
2800	2723½	700	74½	
		800		
2850	2770½	900	79½	
		1000		
2900	2818½	1100	81½	
		1200		
2950	2866	1300	85	
		1400		
3000	2917½	1500	87½	
		1600		
3050	2959	1700	90½	
		1800		
3100	3007	1900	93	
		2000		
3150	3053½	2100	96½	
		2200		
3200	3100½	2300	99½	
		2400		

Machine	Logistics		
3250	3148	2500	
		2600	102
		2700	
3300	3195	2800	104
		2900	
3350	3242	3000	108
		3100	
3400	3289	3200	111
		3300	
3450	3328	3400	114 1/2
		3500	
3500	3364 1/2	3600	117 1/2
		3700	
3550	3379	3800	121
		3900	
3600	3476	4000	124

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Machine	Logistics		
50	3650	3523	127	
100				
200	3700	3569 1/2	130 1/2	
300				
400	3750	3615 1/2	133 1/2	
500				
600	3800	3663	137	
700				
800	3850	3709	141	
900				
1000	3900	3755 1/2	144 1/2	

REMARKS:

81
34
+ 71 1500 (32
121
90
90

607.

No. *Date*

Machine. *Reel.*

Turns *Cor. +* *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Machine	Broken	0		
3989	3850	100	147	
		200		
4000	3849	300	150	
		400		
4050	3894½	500	144½	
		600		
4100	3944	700	150	
		800		
4150	3997½	900	152½	
		1000		
4200	4054	1100	156	
		1200		
4250	4095½	1300	164½	
		1400		
4300	4126½	1500	173½	
		1600		
4350	4172½	1700	177½	
		1800		
4400	4219	1900	181	
		2000		
4450	4264½	2100	185½	
		2200		
4500	4311	2300	189	
		2400		

Reel broke

[illegible]	[illegible]	2500		
[illegible]	[illegible]	2600	[illegible]	
		2700		
[illegible]	[illegible]	2800	197	
		2900		
[illegible]	[illegible]	3000	[illegible]	
		3100		
[illegible]	[illegible]	3200	[illegible]	
		3300		
[illegible]	[illegible]	3400	[illegible]	
		3500		
[illegible]	[illegible]	3600	214	
		3700		
[illegible]	[illegible]	3800	218	
		3900		
[illegible]	[illegible]	4000	[illegible]	

SERIAL TEMPERATURES.

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

REMARKS:

Pat Log 56.9

No. A A 21 Date Sept 12 99

Sigsbee Machine. #1 Reel. Built up

Turns 2062 Cor. + 121 Depth 2183

Shot or ~~lead~~ 60 pounds OK

Bottom Globigerina, Many Pte part

Bottom temperature 38 7/10 - Not corr'd - yl. gy.

No. of thermometer 80489 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 35.15	22 =	0		
36.10	20.55	100		
37.05	20.05	200		
38.45	19.15	300		
39.45	18.25	400		
40.31	17.30	500		
41.27	16.40	600		
42.20	15.40	700		
43.15	14.45	800		
44.10	13.50	900		
45.10	12.45	1000		
46.15	11.40	1100		
47.20	10.35	1200		
48.25	09.30	1300		
49.35	08.25	1400		
50.45	07.20	1500		
51.55	06.10	1600		
53.00	05 =	1700		
54.20	03.40	1800		
55.30	02.30	1900		
56.40	01.35	2000		
57.30	6.00.40	2062 2100		
		2200		
		2300		
		2400		

2—571

3603 2062 1541	183 32 121 2062 2183	2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000		

3603
2062
1541

183
32
121
2062
2183

SERIAL TEMPERATURES.

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

REMARKS:

Station Cat Log 715

No. A A 22 Date Sept 14 99

Engine Machine. 1 Reel. Built up

Turns 1827 Cor. + 112 Depth 1939 fms

Shot or lead 60 pound OK

Bottom Coarse light orge. dyl. grey sand

Bottom temperature 80°

No. of thermometer 80489 Cor. —

Corrected temperature

Air 81 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.18 45	59.50	0		
19 30	58 05	100		
20 20	57.55	200		
21 00	56 45	300		
21 50	55 35	400		
22 35	53 35	500		
23 30	52 40	600		
24 25	51 50	700		
25 20	50 55	800		
26 20	49 55	900		
27 20	48 45	1000		
28 25	47 30	1100		
29 25	46 20	1200		
30 30	45.05	1300		
31 35	43 40	1400		
32 35	42 30	1500		
33 45	41 20	1600		
34 55	40 15	1700		
36 00	39 =	1800		
36-30	8.36 35	1827 1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2—671

$$\begin{array}{r} 1827 \\ 1776 \end{array}$$

$$\begin{array}{r} 183 \\ 27 \\ \hline 1827 \end{array}$$

$$\begin{array}{r} 1827 \\ 1776 \end{array}$$

$$\begin{array}{r} 183 \\ 27 \\ \hline 1827 \end{array}$$

$$\begin{array}{r} 71.0 \\ 56.9 \\ \hline 14.6 \end{array}$$

$$\begin{array}{r} 2457 \\ 2606 \\ \hline 1051 \end{array} \qquad \begin{array}{r} 145 \\ 9 \\ \hline 154 \end{array}$$

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