Next No

$50

| | | | | |
|---|---|---|---|---|
| | | 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:

507. Lat: 2704 Hyd Long.

No. 50 Survey Date Oct 14-1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 2442 Cor. + 158 Depth 2600 fms.

Shot ~~or lead~~ 60 lbs.

Bottom M. Oz.

Bottom temperature 35°

No. of thermometer 69 476 Cor. —

Corrected temperature 35°

Air 63 Surface 64 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 1-38-30 | 59-00 | 0 | | |
| 40-15 | 58-00 | 100 | | |
| 41-15 | 57-15 | 200 | | |
| 42-30 | 56-30 | 300 | | |
| 43-45 | 55-30 | 400 | | |
| 45-00 | 54-30 | 500 | | |
| 46-00 | 53-15 | 600 | | |
| 47-15 | 51-30 | 700 | | |
| 48-30 | 49-45 | 800 | | |
| 49-45 | 47-30 | 900 | | |
| 50-45 | 45-00 | 1000 | | |
| 52-00 | 42-45 | 1100 | | |
| 53-15 | 41-00 | 1200 | | |
| 54-30 | 39-00 | 1300 | | |
| 55-45 | 37-15 | 1400 | | |
| 57-15 | 35-00 | 1500 | | |
| 58-30 | 32-15 | 1600 | | |
| 59-45 | 29-30 | 1700 | | |
| 2-01-15 | 27-00 | 1800 | | |
| 02-30 | 25-00 | 1900 | | |
| 03-45 | 23-00 | 2000 | | |
| 05-15 | 21-00 | 2100 | | |
| 06-45 | 18-30 | 2200 | | |
| 08-00 | 16-30 | 2300 | | |
| 09-30 | 14-15 | 2400 | | |

2—571

A.M.

| | | | | |
|---|---|---|---|---|
| 2-10-15 | 2-13-00 | 2500 | 4482 | 201 |
| | | 2600 | 2442 | 43 |
| | | 2700 | 2040 | 158 |
| | | 2800 | | 2442 |
| | | 2900 | | 2600 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2705 Hyd. Long.

No. 51 Surrey Date Oct-14/91

Sigsbee Machine. #1 Reel. Navy.

Turns 2539 Cor. + 162 Depth 2701

Shot ~~or lead~~ 60 lbs.

Bottom Fn. Oz.

Bottom temperature Lost Ther

No. of thermometer 69476 Cor. —

Corrected temperature —

Air 63 Surface 64 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 4-52-0 | 5-15-35 | 0 | | |
| 53-30 | 14-0 | 100 | | |
| 56-0 | 12-50 | 200 | | |
| 57-15 | 11-45 | 300 | | |
| 58-25 | 10-25 | 400 | | |
| 59-40 | 09-5 | 500 | | |
| 5 01-0 | 07-40 | 600 | | |
| 02-20 | 06-20 | 700 | | |
| 03-35 | 05-20 | 800 | | |
| 04-50 | 03-50 | 900 | | |
| 06-15 | 02-10 | 1000 | | |
| 07-25 | 6-00-30 | 1100 | | |
| 08-45 | 58-55 | 1200 | | |
| 10-0 | 57-25 | 1300 | | |
| 11-10 | 56-40 | 1400 | | |
| 13-30 | 53-55 | 1500 | | |
| 14-50 | 51-50 | 1600 | | |
| 15-20 | 49-45 | 1700 | | |
| 16-40 | 47-15 | 1800 | | |
| 18-10 | 44-30 | 1900 | | |
| 19-40 | 42-10 | 2000 | | |
| 21-0 | 39-40 | 2100 | | |
| 22-25 | 37-10 | 2200 | | |
| 23-40 | 35-0 | 2300 | | |
| 25-55 | 34-10 | 2400 | | |

Lost 1 Thermometer Shot came up.

2—571

| | | | | |
|---|---|---|---|---|
| 26-10-0 | 30.50 | 2500 | 4485 | 201 |
| | | 39 | 2539 | 39 |
| | | 2600 | 1943 | 162 |
| | | 2700 | | 2539 |
| | | 2800 | | 2701 |
| | | 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:

607. Lat: 2706 Long.

No. 52 Survey Date Oct 14 1891

Sigsbee Machine. #1 Reel. Navy

Turns 2505 Cor. + 161 Depth 2666 fms

Shot ~~or lead~~ 60 ~~lbs~~.

Bottom bm. Oz.

Bottom temperature 35°

No. of thermometer 69477 Cor. –

Corrected temperature 35°

Air 65 Surface 65 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 8 14.30 | 23.45 | 0 | | |
| 15.45 | 22.30 | 100 | | |
| 16.40 | 21.40 | 200 | | |
| 18.40 | 20.50 | 300 | | |
| 19.40 | 20.00 | 400 | | |
| 20.40 | 19.05 | 500 | | |
| 21.40 | 18.05 | 600 | | |
| 22.45 | 17.05 | 700 | | |
| 23.50 | 16.00 | 800 | | |
| 25.05 | 14.45 | 900 | | |
| 26.05 | 13.30 | 1000 | | |
| 27.20 | 12.15 | 1100 | | |
| 28.35 | 10.45 | 1200 | | |
| 29.45 | 09.15 | 1300 | | |
| 30.50 | 07.45 | 1400 | | |
| 32.05 | 06.10 | 1500 | | |
| 33.20 | 04.20 | 1600 | | |
| 34.30 | 02.15 | 1700 | | |
| 35.40 | 9 00.00 | 1800 | | |
| 37.05 | 57.50 | 1900 | | |
| 38.20 | 55.50 | 2000 | | |
| 39.45 | 52.40 | 2100 | | |
| 41.15 | 50.30 | 2200 | | |
| 42.30 | 49.30 | 2300 | | |
| 44.55 | 8 46.00 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| 8.45.50 | 8.46.50 | 2505 | | |
| | | 2500 | | |
| | | 2600 | | |
| 4482 | | 2700 | | |
| 2505 | | 2800 | | |
| 1977 | 2040 | 2900 | | |
| | 161 | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2707- Long:

No. 53 Survey Date Oct 14th 1891.

Sigsbee Machine. 87 Reel. Navy

Turns 2557 Cor. + 163 Depth 2720 fms

Shot ~~or lead~~ 60 lbs

Bottom M. Oz.

Bottom temperature 35°-

No. of thermometer 69477 Cor. --

Corrected temperature 35°

Air 65 Surface 65 Drift ——

Trawl or dredge ——

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| A.M. DOWN. | P.M. UP. | | DOWN. | UP. |
| 11-10-50 | 22-00 | 0 | | |
| 11 50 | 21-15 | 100 | | |
| 12 50 | 20-30 | 200 | | |
| 13 50 | 19-45 | 300 | | |
| 14 50 | 19-00 | 400 | | |
| 15 50 | 18-00 | 500 | | |
| 16 50 | 17-00 | 600 | | |
| 17 55 | 16-00 | 700 | | |
| 19 00 | 15-00 | 800 | | |
| 20 25 | 13-30 | 900 | | |
| 21 30 | 12-00 | 1000 | | |
| 22 40 | 10-30 | 1100 | | |
| 24 00 | 07-30 | 1200 | | |
| 25 05 | 05-45 | 1300 | | |
| 26 15 | 03-45 | 1400 | | |
| 27 30 | 02-15 | 1500 | | |
| 28 50 | 12.00-30 | 1600 | | |
| 30 05 | 58-45 | 1700 | | |
| 31 20 | 57-15 | 1800 | | |
| 32 45 | 55-30 | 1900 | | |
| 34 00 | 53-30 | 2000 | | |
| 35 15 | 51-30 | 2100 | | |
| 36 30 | 49.40 | 2200 | | |
| 38 00 | 47.45 | 2300 | | |
| 39 15 | 11 45 50 | 2400 | | |

Set clock back 10 minutes at 12 M.

2—571

| | | | | |
|---|---|---|---|---|
| 41.41.45 | 44.45 | 2500 | | |
| 42.00 | 41.43.00 | 2537 2600 | | |
| | | 2700 | 201 38 163 | |
| | | 2800 | | |
| | | 2900 | | |
| | | 3000 | | |
| | | 3100 | 2482 2557 1925 | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | 2557 163 2720 | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. N.C.P. + N.P.P. Lat. 2708 - Long.

No. 54 Survey. Date Oct. 14-1891.

Sigsbee Machine. Reel.

Turns 24.85 Cor. + 160 Depth 2645 fms.

Shot ~~or lead~~ 60 lbs.

Bottom Gn. Oz.

Bottom temperature 35°

No. of thermometer 69477 Cor. -

Corrected temperature 35°

Air 67 Surface 66 Drift —

Trawl or dredge —

| P.M. SOUNDING WIRE. DOWN. | UP. | TURNS. | DREDGE ROPE. DOWN. | UP. |
|---|---|---|---|---|
| 3-33-30 | 34-30 | 0 | | |
| 34-45 | 33-50 | 100 | | |
| 35-45 | 33-0 | 200 | | |
| 37-00 | 32-0 | 300 | | |
| 38-00 | 31-0 | 400 | | |
| 39-00 | 30-0 | 500 | | |
| 40-15 | 29-0 | 600 | | |
| 41-15 | 28-0 | 700 | | |
| 42-30 | 27-0 | 800 | | |
| 43-45 | 26-0 | 900 | | |
| 45-00 | 25-0 | 1000 | | |
| 46-15 | 23-50 | 1100 | | |
| 47-30 | 22-40 | 1200 | | |
| 48-45 | 21-30 | 1300 | | |
| 50-00 | 20-15 | 1400 | | |
| 51-15 | 19-0 | 1500 | | |
| 52-30 | 17-35 | 1600 | | |
| 53-45 | 16-15 | 1700 | | |
| 55-00 | 14-50 | 1800 | | |
| 56-15 | 13-40 | 1900 | | |
| 57-45 | 12-25 | 2000 | | |
| 59-15 | 11-0 | 2100 | | |
| 4-0-0 | 09-35 | 2200 | | |
| 01-15 | 08-10 | 2300 | | |
| 02-40 | 06-45 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| 4- ~~3.0~~ 3.0 | 4-05-20 | 2485<br>2500 | 4482 | 201 |
| | | 2600 | 2485 | 41 |
| | | 2700 | 1997 | 160 |
| | | 2800 | | 2485 |
| | | 2900 | | 2645 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| Down - | | 4000 | Up - | |
| P.M. | | | | P.M. |

2-03 = 2-20 SERIAL TEMPERATURES. 2-24 = 3.25

96.3

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|---|---|---|---|---|
| ~~939~~ 766 25 | 65.3 | 69488 | -0.1 | 65.2 |
| ~~914~~ 747 50 | 55.8 | 69480-3 | +0.1 | 55.9 |
| ~~864~~ 100 | 49.8 | 51451 | -0.2 | 49.6 |
| ~~766~~ 200 | 44.4 | 63919 | -0.0 | 44.4 |
| ~~668~~ 300 | 41.2 | 69473 | +0.2 | 41.3 |
| ~~572~~ 400 | 40.1 | 61755 | -0.0 | 40.1 |
| ~~475~~ 500 | 38.8 | 69480 | +0.1 | 38.9 |
| ~~374~~ 600 | 38.9 | 66665 | -0.0 | 38.9 |
| ~~283~~ 94 700 | 38.0 * | 66665-2 | -0.0 | 38.0 |
| ~~188~~ 800 0 | 37.1 * | 69477-1 | -0.0 | 37.1 |
| ~~94~~ 900 | 36.7 * | 69485 | +0.1 | 36.8 |
| 1000 | 36.3 | 69477 | -0.0 | 36.3 |

REMARKS:

* # 69479 slipped down 200 fms.
* # 69485 " " 100 "
* # 66724 " " 100 fms.

1 = 69477
2 = 66665 } used twice
3 = 69480

507. Lat: 2709- Long:

No. 55 Survey Date Oct 14th 91.

Sigsbee Machine. #1 Reel. Navy

Turns 2527 Cor. + 162 Depth 2689 fms

Shot ~~or lead~~ 60 lbs

Bottom bn. oz.

Bottom temperature 35°

No. of thermometer 69477 Cor. -

Corrected temperature 35°

Air 66 Surface 65 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| pm DOWN. | p.m UP. | | DOWN. | UP. |
| 6 18 10 | 20.00 | 0 | | |
| 19.10 | 19.12 | 100 | | |
| 20 10 | 18.30 | 200 | | |
| 21.10 | 17.45 | 300 | | |
| 22 10 | 17.00 | 400 | | |
| 23 10 | 16.12 | 500 | | |
| 24.10 | 15.15 | 600 | | |
| 25.12 | 14.25 | 700 | | |
| 26 20 | 13.25 | 800 | | |
| 27.30 | 12.25 | 900 | | |
| 28 40 | 11.20 | 1000 | | |
| 29.50 | 10.15 | 1100 | | |
| 31 05 | 09 10 | 1200 | | |
| 32 10 | 08.05 | 1300 | | |
| 33.30 | 06.55 | 1400 | | |
| 34 50 | 05.40 | 1500 | | |
| 35.55 | 04.25 | 1600 | | |
| 37 00 | 03.10 | 1700 | | |
| 38.15 | 01.50 | 1800 | | |
| 39.35 | 7 00 30 | 1900 | | |
| 40.50 | 58.00 | 2000 | | |
| 42.10 | 57.30 | 2100 | | |
| 43.40 | 56.00 | 2200 | | |
| 44.50 | 54.30 | 2300 | | |
| 46 10 | 6 52.45 | 2400 | | |

| | | | |
|---|---|---|---|
| 6.47.30 | 6.51.05 | 2500 | 4482<br>2527<br>1955 |
| | | 2600 | |
| | | 2700 | 2015<br>30 |
| | | 2800 | |
| | | 2900 | 162<br>2527 |
| | | 3000 | |
| | | 3100 | 2689 |
| | | 3200 | |
| | | 3300 | |
| | | 3400 | |
| | | 3500 | |
| | | 3600 | |
| | | 3700 | |
| | | 3800 | |
| | | 3900 | |
| | | 4000 | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2710. Long.

No. 56 Survey. Date Oct. 14-1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 2544 Cor. + 163 Depth 2707 fms.

Shot ~~or lead~~ 60 lbs.

Bottom —

Bottom temperature —

No. of thermometer 69477 Cor. —

Corrected temperature —

Air 65 Surface 65 Drift —

Trawl or dredge —

| SOUNDING WIRE. DOWN. | SOUNDING WIRE. UP. | TURNS. | DREDGE ROPE. DOWN. | DREDGE ROPE. UP. |
|---|---|---|---|---|
| 9-00-30 | | 0 | | |
| 01-30 | | 100 | | |
| 02-30 | | 200 | | |
| 03-15 | | 300 | | |
| 04-15 | | 400 | | |
| 05-15 | | 500 | | |
| 06-15 | | 600 | | |
| 07-15 | | 700 | | |
| 08-15 | | 800 | | |
| 09-15 | | 900 | | |
| 10-15 | | 1000 | | |
| 11-15 | | 1100 | | |
| 12-30 | | 1200 | | |
| 13-30 | | 1300 | | |
| 14-45 | | 1400 | | |
| 15-45 | | 1500 | | |
| 17-00 | | 1600 | | |
| 18-15 | | 1700 | | |
| 19-30 | | 1800 | | |
| 20-45 | | 1900 | | |
| 22-00 | | 2000 | | |
| 23-15 | 37-15 | 2100 | | |
| 24-30 | 36-00 | 2200 | | |
| 25-46 | 34-45 | 2300 | | |
| 27-00 | 9-33-15 | 2400 | | |

Last 2169 fms - ~~2032~~ ~~turns~~ wire
" #69477 thermometer -

2—571

| | | | | |
|---|---|---|---|---|
| -9-28-30 | 31-45 | 2500 | 4482 | 201 |
| 29-15 | 9-31-00 | 2600 | 2544 | 38 |
| | | 2700 | 1938 | 163 |
| | | 2800 | | 2544 |
| | | 2900 | | 2707 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. H.O. + Lat: 2711- Long.

No. 57 Survey. Date Oct^r - 14th - 1891.

Sigsbee Machine. #2 Reel. Navy-

Turns 2539 Cor. + 162 Depth 2701 fms-

Shot ~~or lead~~ 60 lbs.

Bottom ~~Cm.~~ Oz.

Bottom temperature —

No. of thermometer ———— Cor. —

Corrected temperature —

Air 64° Surface 65° Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 11-25-00 | 42-50 | 0 | | |
| 26-15 | 42 | 100 | | |
| 27-30 | 38-50 | 200 | | |
| 28-30 | 38-0 | 300 | | |
| 29-30 | 37-20 | 400 | | |
| 30-30 | 36-30 | 500 | | |
| 31-30 | 35-45 | 600 | | |
| 32-30 | 34-50 | 700 | | |
| 33-30 | 33-55 | 800 | | |
| 34-45 | 32-45 | 900 | | |
| 35-45 | 31-30 | 1000 | | |
| 37-00 | 30-0 | 1100 | | |
| 38-15 | 28-20 | 1200 | | |
| 39-30 | 26-20 | 1300 | | |
| 40-45 | 24-30 | 1400 | | |
| 42-00 | 22-5 | 1500 | | |
| 43-15 | 20-5 | 1600 | | |
| 44-30 | 17-30 | 1700 | | |
| 46-00 | 15-0 | 1800 | | |
| 47-30 | 13-0 | 1900 | | |
| 49-00 | 11-0 | 2000 | | |
| 50-30 | 09-25 | 2100 | | |
| 51-45 | 07-30 | 2200 | | |
| 53-00 | 05-40 | 2300 | | |
| 54-30 | 12-03-35 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| 11-56-00 | 12-01-40 | 2500 | 4807 | 201 |
| 56-45 | 11-59-15 | 2600 | 2539 | 39 |
| | | 39 2700 | 2268 | 162 |
| | | 2800 | | 2539 |
| | | 2900 | | 2701 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2712 - Long.

No. 58 Survey Date Oct 15th/91.

Sigsbee Machine. #2 Reel. Navy.

Turns 2587 Cor. + 164 Depth 2751 fms.

Shot or lead 60 cts.

Bottom bn. Oz.

Bottom temperature 35.1°

No. of thermometer 66665 Cor. -

Corrected temperature 35.1

Air 64° Surface 64° Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 2-19-0 | 30-30 | 0 | | |
| 20-15 | 29-45 | 100 | | |
| 21-15 | 29-0 | 200 | | |
| 22-15 | 28-10 | 300 | | |
| 23-20 | 27-20 | 400 | | |
| 25-15 | 26-25 | 500 | | |
| 26-30 | 25-30 | 600 | | |
| 27-40 | 24-30 | 700 | | |
| 28-50 | 23-30 | 800 | | |
| 30-10 | 22-30 | 900 | | |
| 31-30 | 21-30 | 1000 | | |
| 32-40 | 20-25 | 1100 | | |
| 33-55 | 19-30 | 1200 | | |
| 35-20 | 18-15 | 1300 | | |
| 36-40 | 17-15 | 1400 | | |
| 38-0 | 16-0 | 1500 | | |
| 39-20 | 14-45 | 1600 | | |
| 40-55 | 13-35 | 1700 | | |
| 42-20 | 12-20 | 1800 | | |
| 43-50 | 11-05 | 1900 | | |
| 45-15 | 09-45 | 2000 | | |
| 46-40 | 08-30 | 2100 | | |
| 48-05 | 07-0 | 2200 | | |
| 49-30 | 05-40 | 2300 | | |
| 51-0 | 04-20 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| 2-52-30 | 02-50 | 2500 | 4807 | 201 |
| 53-30 | 3-01-50 | 2600 | 2587 | 97 |
| | | 2700 | 2220 | 164 |
| | | 2800 | | 2587 |
| | | 2900 | | 2751 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2713 - Long:

No. 59 Survey Date Oct 15th 91

Sigsbee Machine. #2 Reel. Navy

Turns 2603 Cor. + 165 Depth 2768 fms

Shot ~~or lead~~ 60 lbs

Bottom bn. oz

Bottom temperature ——

No. of thermometer —— Cor. ——

Corrected temperature ——

Air 63° Surface 64° Drift ——

Trawl or dredge ——

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| am DOWN. | am UP. | | DOWN. | UP. |
| 5. 11. 15 | 17 05 | 0 | | |
| 12. 20 | 16. 10 | 100 | | |
| 13 20 | 15. 30 | 200 | | |
| 14. 20 | 14. 45 | 300 | | |
| 15. 20 | 14. 00 | 400 | | |
| 16. 25 | 13. 15 | 500 | | |
| 17. 25 | 12. 12 | 600 | | |
| 18. 30 | 11. 10 | 700 | | |
| 19. 40 | 10. 07 | 800 | | |
| 20. 50 | 09. 05 | 900 | | |
| 21. 10 | 08. 00 | 1000 | | |
| 22. 20 | 06. 50 | 1100 | | |
| 24 30 | 05. 45 | 1200 | | |
| 25 50 | 04. 30 | 1300 | | |
| 27. 10 | 03. 15 | 1400 | | |
| 28 30 | 02. 00 | 1500 | | |
| 29. 50 | 6 00. 45 | 1600 | | |
| 31. 10 | 59. 30 | 1700 | | |
| 32 35 | 58. 15 | 1800 | | |
| 34. 00 | 57. 00 | 1900 | | |
| 35. 25 | 55. 45 | 2000 | | |
| 36. 50 | 54. 30 | 2100 | | |
| 38. 15 | 53. 10 | 2200 | | |
| 39. 40 | 51. 45 | 2300 | | |
| 41. 05 | 5. 50. 20 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| 5. 42.30 | 48.45 | 2500 | | 4482 |
| 43.15 | 5.47 20 | 2603 2600 | | 2603 |
| | | | | 1879 |
| | | 2700 | | 201 |
| | | | | 36 |
| | | 2800 | | 165 |
| | | | | 4087 |
| | | 2900 | | 2603 |
| | | 3000 | | 1484 |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | 4807 |
| | | | | 2603 |
| | | 3400 | | 2204 |
| | | 3500 | | |
| | | 3600 | 4807 | 201 |
| | | | 2603 | 36 |
| | | 3700 | 2204 | 165 |
| | | 3800 | | 2603 |
| | | 3900 | | 2768 |
| | | 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. Lat.: 2714. Long:

No. 60 Survey Date Oct 15th 1891

Digsbee Machine. #2 Reel. Navy

Turns 2623 Cor. + 166 Depth 2789 fms.

Shot ~~or lead~~ 60 lbs

Bottom bn. Oz.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 66° Surface 65° Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 7.52.50 | 59-00 | 0 | | |
| 53.50 | 58-15 | 100 | | |
| 55.15 | 57-30 | 200 | | |
| 56.15 | 56-45 | 300 | | |
| 57.20 | 56-00 | 400 | | |
| 58.25 | 55-15 | 500 | | |
| 59.45 | 54-30 | 600 | | |
| 8-00-45 | 53-30 | 700 | | |
| 02-00 | 52-30 | 800 | | |
| 03-00 | 51-30 | 900 | | |
| 04-15 | 50-30 | 1000 | | |
| 05-30 | 49-30 | 1100 | | |
| 06-30 | 48-15 | 1200 | | |
| 07-45 | 47-00 | 1300 | | |
| 09-00 | 45-45 | 1400 | | |
| 10-30 | 44-45 | 1500 | | |
| 11-45 | 43-30 | 1600 | | |
| 12-45 | 42-00 | 1700 | | |
| 14-15 | 40-45 | 1800 | | |
| 15-30 | 39-15 | 1900 | | |
| 17-00 | 37-45 | 2000 | | |
| 18-15 | 36-15 | 2100 | | |
| 19-45 | 34-45 | 2200 | | |
| 21-15 | 33-30 | 2300 | | |
| 22-30 | 8-32-00 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| 8-24-00 | 30-30 | 2500 | 4807 | 701 |
| 25-30 | 28-45 | 2600 | 2623 | 35 |
| 26-00 | 8-28-00 | 2700 | 2184 | 166 |
| | | 2800 | | 2623 |
| | | 2900 | | 2789 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. N.C.D. Lat: 2715- Long.

No. 61 Survey. Date Oct. 15-1891-

Sigsbee Machine. #2 Reel. Navy-

Turns 2700 Cor. + 169 Depth 2869 fms-

Shot ~~or lead~~ 60 lbs-

Bottom bn. Oz.

Bottom temperature 35.4 -

No. of thermometer 66665 Cor. -

Corrected temperature 35.4

Air 67 Surface 65 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 10-41-30 | 49-00 | 0 | | |
| 42-30 | 48-35 | 100 | | |
| 43-30 | 48-00 | 200 | | |
| 44-45 | 47-15 | 300 | | |
| 45-45 | 46-30 | 400 | | |
| 46-45 | 45-30 | 500 | | |
| 47-45 | 44-30 | 600 | | |
| 48-45 | 43-30 | 700 | | |
| 50-00 | 42-30 | 800 | | |
| 51-15 | 41-30 | 900 | | |
| 52-30 | 40-30 | 1000 | | |
| 53-30 | 39-30 | 1100 | | |
| 54-45 | 38-30 | 1200 | | |
| 56-00 | 37-30 | 1300 | | |
| 57-30 | 36-30 | 1400 | | |
| 58-30 | 35-15 | 1500 | | |
| 11-00-00 | 34-00 | 1600 | | |
| 01-15 | 32-45 | 1700 | | |
| 02-30 | 31-30 | 1800 | | |
| 03-45 | 30-15 | 1900 | | |
| 05-00 | 29-00 | 2000 | | |
| 06-30 | 27-30 | 2100 | | |
| 08-00 | 26-15 | 2200 | | |
| 09-30 | 24-45 | 2300 | | |
| 10-45 | 11-23-30 | 2400 | | |

A.M.

2—571

| A.M. | A.M. | | | |
|---|---|---|---|---|
| 11-12-15 | 21-15 | 2500 | 4807 | 201 |
| 13-45 | 19-30 | 2600 | 2700 | 3.2 |
| 15-15 | 11-17-30 | 2700 | 2107 | 169 |
| | | 2800 | | 2700 |
| | | 2900 | | 2869 |
| | | 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 | | | | 95 |
| | | | | 64 |
| | | | | 56 |

REMARKS:

507. Lat. 2716 - Long.

No. 62 Survey Date Oct. 15/91

Sigsbee Machine. #2 Reel. Navy

Turns 2725 Cor. + 170 Depth 2895 fms.

Shot or lead 60 lbs.

Bottom br oz.

Bottom temperature —

No. of thermometer ~~66665~~ Cor. —

Corrected temperature —

Air 66 Surface 65 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| P.cto DOWN. | UP. | | DOWN. | UP. |
| 1-34-30 | 48-40 | 0 | | |
| 36-0 | 47-20 | 100 | | |
| 37-20 | 46-40 | 200 | | |
| 38-30 | 46-0 | 300 | | |
| 39-45 | 45-5 | 400 | | |
| 41-0 | 44-10 | 500 | | |
| 42-20 | 43-25 | 600 | | |
| 43-45 | 42-20 | 700 | | |
| 45-5 | 41-25 | 800 | | |
| 46-30 | 40-50 | 900 | | |
| 47-55 | 39-00 | 1000 | | |
| 49-15 | 38-05 | 1100 | | |
| 50-45 | 37-0 | 1200 | | |
| 52-5 | 36-0 | 1300 | | |
| 53-30 | 36-15 | 1400 | | |
| 55-0 | 35-0 | 1500 | | |
| 56-25 | 33-45 | 1600 | | |
| 57-50 | 32-30 | 1700 | | |
| 59-20 | 31-20 | 1800 | | |
| 2-0-55 | 29-50 | 1900 | | |
| 02-20 | 28-15 | 2000 | | |
| 03-45 | 26-40 | 2100 | | |
| 05-15 | 25-5 | 2200 | | |
| 06-45 | 23-45 | 2300 | | |
| 08-20 | 22-25 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| 5-10-0 | 21-10 | 2500 | 4907 | 201 |
| 11-85 | 19-30 | 2600 | 5725 | 31 |
| 13-05 | 18-0 | 2700 | 2082 | 170 |
| 13-55 | 217-30 | 2800 | | 2725 |
| | | 2900 | | 2895 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 27 17- Long

No. 63 Survey Date Oct 15 1891

Sigsbee Machine. Reel. Navy

Turns 2625 Cor. + 166 Depth 2791 fms

Shot or lead 60 lb

Bottom bn. oz

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 66 Surface 65 Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| P.M. 4 31-20 | P.M. 42.45 | 0 | | |
| 32-30 | 41.50 | 100 | | |
| 33-30 | 40.05 | 200 | | |
| 34-25 | 39.20 | 300 | | |
| 35-30 | 38.30 | 400 | | |
| 36-35 | 37.40 | 500 | | |
| 37-40 | 36.45 | 600 | | |
| 38-45 | 35.55 | 700 | | |
| 39-50 | 35.00 | 800 | | |
| 41-05 | 34.00 | 900 | | |
| 42-20 | 33.00 | 1000 | | |
| 43-35 | 32.00 | 1100 | | |
| 44-55 | 31.05 | 1200 | | |
| 46-10 | 29.00 | 1300 | | |
| 47-30 | 27.45 | 1400 | | |
| 48-55 | 25.35 | 1500 | | |
| 50-20 | 23.55 | 1600 | | |
| 51-45 | 22.45 | 1700 | | |
| 53-00 | 21.20 | 1800 | | |
| 54-30 | 20.05 | 1900 | | |
| 56-00 | 16.45 | 2000 | | |
| 57-30 | 15.30 | 2100 | | |
| 58-45 | 14.05 | 2200 | | |
| 5-00-15 | 12.45 | 2300 | | |
| 02-00 | 5.11.30 | 2400 | | |

2—571

P.M.

| | | | | |
|---|---|---|---|---|
| 5-03-30 | 09.30 | 2500 | 4807 | 201 |
| 05-00 | 08 30 | 2600 | 2625 | 35 |
| 05-30 | 5-07-30 | 2700 | 2182 | 166 |
| | | 2800 | | 2625 |
| | | 2900 | | 2791 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507.

Lat: 2718. Long:

No. 64 Survey. Date Oct. 15th 1891.

Sigsbee Machine. #2 Reel. Navy.

Turns 2607 Cor. + 165 Depth 2772 fms.

Shot ~~or lead~~ 60 ~~lbs~~. br Oz

Bottom

Bottom temperature 35.4

No. of thermometer 6665 Cor. —

Corrected temperature 35.4

Air 66 Surface 65 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| P.M. 7-12-30 | 26-10 | 0 | | |
| 13-45 | 25-30 | 100 | | |
| 14-45 | 24-50 | 200 | | |
| 16-00 | 24-10 | 300 | | |
| 17-00 | 23-20 | 400 | | |
| 18-00 | 22-35 | 500 | | |
| 19-00 | 21-45 | 600 | | |
| 20-00 | 20-50 | 700 | | |
| 21-15 | 19-55 | 800 | | |
| 22-30 | 18-55 | 900 | | |
| 23-45 | 18-0 | 1000 | | |
| 25-00 | 17-05 | 1100 | | |
| 26-15 | 15-40 | 1200 | | |
| 27-30 | 14-20 | 1300 | | |
| 29-00 | 12-50 | 1400 | | |
| 30-30 | 11-20 | 1500 | | |
| 31-45 | 09-45 | 1600 | | |
| 33-00 | 08-10 | 1700 | | |
| 34-30 | 06-30 | 1800 | | |
| 36-00 | 04-45 | 1900 | | |
| 37-30 | 03-10 | 2000 | | |
| 39-00 | 8-0-25 | 2100 | | |
| 40-30 | 59-45 | 2200 | | |
| 42-00 | 58-0 | 2300 | | |
| 43-30 | 7-56-15 | 2400 | | |

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| P.M. | P.M. | | | |
|---|---|---|---|---|
| 7-45-00 | 52-30 | 2500 | 4807 | 201 |
| 46-45 | 7-50-30 | 2600 | 2607 | 36 |
| | | | 2200 | 165 |
| | | 2700 | | 2607 |
| | | 2800 | | 2772 |
| | | 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:

507. Lat: 2719- Long.

No. 65 Surrey Date Oct-15/91

Sigsbee Machine. 3 Reel. Hary

Turns 2640 Cor. + 166 Depth 2806

Shot or lead 60 lbs.

Bottom Tn. Sy.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 66 Surface 66 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 10-04-50 | 13-15 | 0 | | |
| 06-0 | 12-25 | 100 | | |
| 07-5 | 11-45 | 200 | | |
| 08-5 | 11-0 | 300 | | |
| 09-10 | 10-10 | 400 | | |
| 10-15 | 09-25 | 500 | | |
| 11-20 | 08-35 | 600 | | |
| 12-30 | 07-40 | 700 | | |
| 13-40 | 06-40 | 800 | | |
| 14-50 | 05-40 | 900 | | |
| 16-0 | 04-25 | 1000 | | |
| 17-15 | 03-20 | 1100 | | |
| 18-35 | 02-05 | 1200 | | |
| 19-55 | 11-0-50 | 1300 | | |
| 21-10 | 59-35 | 1400 | | |
| 22-25 | 58-10 | 1500 | | |
| 23-40 | 56-50 | 1600 | | |
| 25-5 | 55-25 | 1700 | | |
| 26-25 | 54-0 | 1800 | | |
| 27-45 | 52-35 | 1900 | | |
| 29-10 | 51-10 | 2000 | | |
| 30-30 | 49-45 | 2100 | | |
| 32-0 | 48-30 | 2200 | | |
| 33-25 | 47-10 | 2300 | | |
| 34-55 | 10-45-45 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| 26-86-20 | 44-25 | 2500 | 4807 | 201 |
| 87-55 | 42-50 | 2600 | 2640 | 35 |
| 88-30 | 10-44-35 | 2700 | 2167 | 166 |
| | | 2800 | | 2640 |
| | | 2900 | | 2806 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|---|---|---|---|---|
| 25 | | 4807 | | |
| 50 | | 2640 | | |
| 100 | | 2167 | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

507. Lat. 27 20. Long.

No. 66 Survey Date Oct. 16 1891

Sigsbee Machine. Reel.

Turns 2627 Cor. + 166 Depth 2793 fm.

Shot ~~or lead~~ 60 lb

Bottom bu. og

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 66° Surface 66° Drift —

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 12.58.30 | 04.50 | 0 | | |
| 59.30 | 04.05 | 100 | | |
| 1.01.40 | 03.25 | 200 | | |
| 02.55 | 02.45 | 300 | | |
| 04.00 | 02.05 | 400 | | |
| 05.05 | 01.20 | 500 | | |
| 06.15 | 2 00.35 | 600 | | |
| 07.20 | 59.55 | 700 | | |
| 08.35 | 59.05 | 800 | | |
| 09.45 | 58.10 | 900 | | |
| 11.05 | 57.15 | 1000 | | |
| 12.30 | 56.20 | 1100 | | |
| 14.05 | 55.35 | 1200 | | |
| 15.20 | 54.30 | 1300 | | |
| 16.50 | 53.35 | 1400 | | |
| 18.15 | 52.40 | 1500 | | |
| 19.50 | 51.45 | 1600 | | |
| 21.10 | 50.40 | 1700 | | |
| 22.40 | 49.35 | 1800 | | |
| 24.05 | 48.30 | 1900 | | |
| 25.30 | 47.20 | 2000 | | |
| 26.50 | 46.10 | 2100 | | |
| 28.30 | 44.55 | 2200 | | |
| 30.05 | 43.35 | 2300 | | |
| 31.35 | 1,42.10 | 2400 | | |

Lost 1 small hook

2—571

| | | | | |
|---|---|---|---|---|
| 12.32.50 | 40.40 | 2500 | | |
| 34.30 | 1.37.00 | 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 | | 4807 | 201 | |
| 50 | | 2627 | 35 | |
| 100 | | 2180 | 166 | |
| 200 | | | 2627 | |
| 300 | | | 2793 | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

507. N. Lat: 2721- Long.

No. 67 Survey Date Oct 16th 1891

Sigsbee Machine. 2 Reel. Navy

Turns 2666 Cor. + 167 Depth 2833 fms.

Shot ~~or lead~~ 60 lbs

Bottom Tn. Gy.

Bottom temperature 35 3

No. of thermometer 66665 Cor. -

Corrected temperature 35.3

Air 65 Surface 66 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| am 3. 57-15 | 13-30 | 0 | | |
| 59.05 | 12-30 | 100 | | |
| 4 00.15 | 11-45 | 200 | | |
| 01.30 | 11-00 | 300 | | |
| 02.50 | 10-00 | 400 | | |
| 04 45 | 09-15 | 500 | | |
| 06-00 | 08-15 | 600 | | |
| 07-45 | 07-15 | 700 | | |
| 09-00 | 06-15 | 800 | | |
| 10-30 | 05-00 | 900 | | |
| 11-30 | 03-45 | 1000 | | |
| 13-00 | 02-30 | 1100 | | |
| 14-20 | 01-15 | 1200 | | |
| 15-45 | 5-00-00 | 1300 | | |
| 17-00 | 58-30 | 1400 | | |
| 18-30 | 57-00 | 1500 | | |
| 20-00 | 55-45 | 1600 | | |
| 21-30 | 54-15 | 1700 | | |
| 23-00 | 53-00 | 1800 | | |
| 24-15 | 51-30 | 1900 | | |
| 25-45 | 50-15 | 2000 | | |
| 27-15 | 48-45 | 2100 | | |
| 28-45 | 47-15 | 2200 | | |
| 30-30 | 46-00 | 2300 | | |
| 32-00 | 4-44-45 | 2400 | | |

2—571

| A.M. | A.M. | | | |
|---|---|---|---|---|
| 4-33-30 | 43-00 | 2500 | 4807 | 201 |
| 35-15 | 41-15 | 2600 | 2666 | 34 |
| 36-30 | 4-40-00 | 2700 | 2141 | 167 |
| | | 2800 | | 2666 |
| | | 2900 | | 2833 |
| | | 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:

501. Lat: 2722 Long

No. 68 Survey. Date Oct. 16th 1891.

Sigsbee Machine. #2 Reel. Navy.

Turns 2538 Cor. + 162 Depth 2700 fms.

Shot ~~or lead~~ 60 lbs.

Bottom Tn. Bg.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 65° Surface 67° Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| A.M. 6-45-15 | 52-00 | 0 | | |
| 46-30 | 51-00 | 100 | | |
| 47-30 | 50-15 | 200 | | |
| 48-30 | 49-30 | 300 | | |
| 49-30 | 48-30 | 400 | | |
| 50-30 | 47-45 | 500 | | |
| 51-30 | 46-45 | 600 | | |
| 52-30 | 45-45 | 700 | | |
| 53-30 | 44-45 | 800 | | |
| 54-45 | 43-30 | 900 | | |
| 56-00 | 42-30 | 1000 | | |
| 57-15 | 41-15 | 1100 | | |
| 58-30 | 40-00 | 1200 | | |
| 7-00-00 | 38-45 | 1300 | | |
| 01-15 | 37-45 | 1400 | | |
| 02-45 | 36-30 | 1500 | | |
| 04-00 | 35-15 | 1600 | | |
| 05-30 | 34-00 | 1700 | | |
| 07-00 | 32-45 | 1800 | | |
| 08-30 | 31-30 | ~~1900~~ | Stopped for | |
| 10-00 | 26-15 | 2000 | 3 minutes. | |
| 11-15 | 24-45 | 2100 | to examine & | |
| 12-45 | 22-30 | 2200 | every splice. | |
| 14-15 | 23-15 | 2300 | | |
| 15-45 | 22-00 | 2400 | | |

2—571

A.M.

| | | | | |
|---|---|---|---|---|
| 7-17-30 | 21-00 | 2500 | 4807 | 201 |
| 18-15 | 7-20-30 | 2600 | 2538 | 39 |
| | | 2700 | 2269 | 162 |
| | | 2800 | | 2538 |
| | | 2900 | | 2700 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2723- Long:

No. 69 Survey Date Oct 16/91

Digebee Machine. #2 Reel. Navy

Turns 2567 Cor. + 164 Depth 2731 fms

Shot or lead 60 lbs

Bottom In. Oz.

Bottom temperature 35.5

No. of thermometer 66665 Cor. —

Corrected temperature 35.5

Air 67° Surface 67° Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 8-50-15 | 50-0 | 0 | | |
| 51-15 | 49-20 | 100 | | |
| 52-20 | 48-45 | 200 | | |
| 53-20 | 48-0 | 300 | | |
| 54-25 | 47-15 | 400 | | |
| 55-25 | 46-20 | 500 | | |
| 56-25 | 45-25 | 600 | | |
| 57-25 | 44-30 | 700 | | |
| 58-30 | 43-30 | 800 | | |
| 59-35 | 42-30 | 900 | | |
| 9-0-45 | 41-30 | 1000 | | |
| 02-00 | 40-40 | 1100 | | |
| 03-05 | 39-40 | 1200 | | |
| 04-20 | 38-40 | 1300 | | |
| 05-35 | 37-35 | 1400 | | |
| 06-55 | 36-30 | 1500 | | |
| 08-10 | 35-30 | 1600 | | |
| 09-30 | 34-30 | 1700 | | |
| 10-50 | 33-30 | 1800 | | |
| 11-40 | 32-20 | 1900 | | |
| 13-30 | 31-10 | 2000 | | |
| 15-0 | 30-0 | 2100 | | |
| 16-30 | 28-50 | 2200 | | |
| 18-0 | 27-30 | 2300 | | |
| 19-20 | 9-26-10 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| 9-22-30 | 9-20-35 | 2500 | 4807 | 201 |
| | | 2600 | 67 4567 | 87 |
| | | 2700 | 2740 | 164 |
| | | 2800 | | 4567 |
| | | 2900 | | 2731 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 3924. Long:

No. 70 Survey Date Oct 16/91.

Sigsbee Machine. #2 Reel. Navy

Turns 2500 Cor. + 161 Depth 2661 fm.

Shot or lead 60 lbs.

Bottom Gn. Oz.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 68° Surface 67° Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 10-51-30 | 53-45 | 0 | | |
| 53-15 | 52-45 | 100 | | |
| 54-10 | 52-0 | 200 | | |
| 55-05 | 51-10 | 300 | | |
| 56-0 | 50-25 | 400 | | |
| 57-05 | 49-35 | 500 | | |
| 58-10 | 48-40 | 600 | | |
| 59-10 | 47-40 | 700 | | |
| 11-0-15 | 46-40 | 800 | | |
| 01-15 | 45-45 | 900 | | |
| 02-30 | 44-50 | 1000 | | |
| 03-50 | 43-50 | 1100 | | |
| 05-0 | 42-45 | 1200 | | |
| 06-15 | 41-40 | 1300 | | |
| 07-30 | 40-30 | 1400 | | |
| 08-45 | 39-10 | 1500 | | |
| 10-0 | 38-0 | 1600 | | |
| 11-25 | 36-35 | 1700 | | |
| 12-50 | 35-25 | 1800 | | |
| 14-10 | 34-0 | 1900 | | |
| 15-30 | 32-30 | 2000 | | |
| 17-0 | 30-55 | 2100 | | |
| 18-25 | 29-20 | 2200 | | |
| 19-50 | 28-0 | 2300 | | |
| 21-15 | 26-35 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| 11-25-45 | 11-25-5 | 2500 | 4807 | 508 |
| | | 2600 | 2500 | 40 |
| | | 2700 | 2307 | 161 |
| | | 2800 | | 2500 |
| | | 2900 | | 2661 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat. 2725- Long.

No. 71 Survey Date Oct 16th 1891-

Sigsbee Machine. Reel. Navy

Turns 2501 Cor. + 161 Depth 2662 fm

Shot or lead 60 lb

Bottom bu. g.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 68 Surface 67 Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| PM 12 42.00 | 45.10 | 0 | | |
| 44.40 | 44.15 | 100 | | |
| 46.00 | 43.45 | 200 | | |
| 47.15 | 43.00 | 300 | | |
| 48.30 | 42.15 | 400 | | |
| 49.50 | 41.30 | 500 | | |
| 51.05 | 40.40 | 600 | | |
| 52.10 | 39.45 | 700 | | |
| 53.20 | 38.50 | 800 | | |
| 54.45 | 37.50 | 900 | | |
| 56.05 | 36.50 | 1000 | | |
| 57.35 | 35.50 | 1100 | | |
| 58.55 | 34.40 | 1200 | | |
| 1 00.20 | 33.35 | 1300 | | |
| 01.50 | 32.30 | 1400 | | |
| 03.15 | 31.20 | 1500 | | |
| 04.35 | 30.10 | 1600 | | |
| 06.00 | 29.00 | 1700 | | |
| 07.25 | 28.50 | 1800 | | |
| 09.00 | 27.40 | 1900 | | |
| 10.25 | 26.20 | 2000 | | |
| 11.50 | 25.00 | 2100 | | |
| 13.15 | 23.40 | 2200 | | |
| 14.40 | 22.25 | 2300 | | |
| 16.05 | 21.10 | 2400 | | |

2—571

| | | | | |
|---|---|---|---|---|
| pm 1.17.45 | pm 1.20.00 | 2500 | 4807 | 301 |
| | | 2600 | 2501 | 40 |
| | | 2700 | 2306 | 161 |
| | | 2800 | | 2501 |
| | | 2900 | | 2662 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2726- Long.

No. 72 Survey Date Oct 16 '11

Sigsbee Machine. 2 Reel. Nay

Turns 2523 Cor. + 162 Depth 2685 fms

Shot or lead 60 lbs

Bottom Tn. M -

Bottom temperature 35.5°

No. of thermometer 66665 Cor. -

Corrected temperature 35.5

Air 68° Surface 67° Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| PM DOWN. | PM UP. | | DOWN. | UP. |
| 2.42.45 | 51.30 | 0 | | |
| 43.55 | 51.00 | 100 | | |
| 45.00 | 50.20 | 200 | | |
| 46.15 | 50.40 | 300 | | |
| 47.15 | 49.50 | 400 | | |
| 48.20 | 49.00 | 500 | | |
| 49.32 | 48.00 | 600 | | |
| 50.45 | 47.50 | 700 | | |
| 52.00 | 45.55 | 800 | | |
| 53.15 | 45.00 | 900 | | |
| 54.30 | 43.55 | 1000 | | |
| 55.45 | 42.55 | 1100 | | |
| 3.02.40 | 41.35 | 1200 | 56.20 | |
| 04.05 | 40.20 | 1300 | | |
| 05.20 | 39.10 | 1400 | | |
| 06.50 | 37.55 | 1500 | | |
| 08.15 | 36.45 | 1600 | | |
| 09.45 | 35.35 | 1700 | | |
| 11.25 | 34.20 | 1800 | | |
| 13.00 | 33.05 | 1900 | | |
| 14.30 | 31.55 | 2000 | | |
| 16.00 | 30.40 | 2100 | | |
| 17.30 | 29.30 | 2200 | | |
| 18.55 | 28.05 | 2300 | | |
| 20.20 | 3.26.45 | 2400 | | |

2—571

P.M.

| | | | | |
|---|---|---|---|---|
| 3.21.00 | 3.25.20 | 2500 | 4807<br>2523<br>2284 | 201<br>39<br>162<br>2523<br>2685 |
| | | 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:

N.C.F. 507. Lat. 2727- Long.

No. 73 Survey. Date Oct. 16 - 1891 -

Sigsbee Machine. #2 Reel. Navy.

Turns 2517 Cor. + 161 Depth 2678 fms -

Shot ~~or lead~~ 60 lbs.

Bottom Gr M

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 67° Surface 66° Drift —

Trawl or dredge —

| SOUNDING WIRE. DOWN. | SOUNDING WIRE. UP. | TURNS. | DREDGE ROPE. DOWN. | DREDGE ROPE. UP. |
|---|---|---|---|---|
| 4-56-00 | 59-45 | 0 | | |
| 57-30 | 59-0 | 100 | | |
| 58-30 | 58-20 | 200 | | |
| 59-30 | 57-35 | 300 | | |
| 5-00-30 | 56-45 | 400 | | |
| 01-30 | 56-05 | 500 | | |
| 03-00 | 55-20 | 600 | | |
| 04-00 | 54-35 | 700 | | |
| 05-15 | 53-50 | 800 | | |
| 06-30 | 52-15 | 900 | | |
| 07-45 | 50-00 | 1000 | | |
| 09-00 | 49-00 | 1100 | | |
| 10-15 | 48-00 | 1200 | | |
| 11-45 | 47-00 | 1300 | | |
| 13-00 | 46-00 | 1400 | | |
| 14-30 | 45-00 | 1500 | | |
| 16-00 | 43-45 | 1600 | | |
| 17-15 | 42-30 | 1700 | | |
| 18-45 | 41-15 | 1800 | | |
| 20-15 | 40-00 | 1900 | | |
| 21-45 | 38-30 | 2000 | | |
| 23-15 | 37-15 | 2100 | | |
| 24-45 | 36-15 | 2200 | | |
| 26-15 | 35-00 | 2300 | | |
| 27-45 | 5-33-30 | 2400 | | |

Pat. Log read 78.3 -

2—571

Pm.

| | | | | |
|---|---|---|---|---|
| 5-29-30 | 5-32-00 | 2500 | 4807 | 201 |
| | | 2600 | 2517 | 40 |
| | | | 2290 | 161 |
| | | 2700 | | 2517 |
| | | 2800 | | 2678 |
| | | 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:

507. ~~Lat B~~ 2728. Long:

No. 74 Survey Date Oct-16/91

Sigebu Machine. #2 Reel. Navy

Turns 2509 Cor. + 161 Depth 2670

Shot or lead 60 lbs

Bottom bm M. & Lava

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 67 Surface 67 Drift

Trawl or dredge

| P.W. SOUNDING WIRE. DOWN. | UP. | TURNS. | DREDGE ROPE. DOWN. | UP. |
|---|---|---|---|---|
| 6-55-45 | 59.00 | 0 | | |
| 57-30 | 58.30 | 100 | | |
| 59-30 | 57.50 | 200 | | |
| 7-0-15 | 57.10 | 300 | | |
| 01-20 | 56-40 | 400 | | |
| 02-35 | 55-45 | 500 | | |
| 03-50 | 54-45 | 600 | | |
| 05-05 | 53-55 | 700 | | |
| 06-20 | 52-55 | 800 | | |
| 07-30 | 51-45 | 900 | | |
| 09-0 | 50-40 | 1000 | | |
| 10-15 | 49-30 | 1100 | | |
| 11-40 | 48-15 | 1200 | | |
| 13-15 | 47-45 | 1300 | | |
| 14-30 | 46-10 | 1400 | | |
| 15-50 | 45-5 | 1500 | | |
| 17-15 | 44-5 | 1600 | | |
| 18.45 | 43-0 | 1700 | | |
| 20-10 | 42-0 | 1800 | | |
| 21-35 | 41-0 | 1900 | | |
| 23-10 | 39-45 | 2000 | | |
| 24-25 | 38-30 | 2100 | | |
| 25-40 | 37-15 | 2200 | | |
| 27-35 | 36-0 | 2300 | | |
| 29-15 | 34-45 | 2400 | | |

Pat. Log. read. 88-3

2—571

| | | | | |
|---|---|---|---|---|
| 7-30-55 | 33-30 | 2500 | 4807 | 301 |
| | | 2509 | | |
| | | 2600 | 2509 | 40 |
| | | 2700 | 2498 | 161 |
| | | 2800 | | 2509 |
| | | 2900 | | |
| | | 3000 | | 3670 |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. B Lat: 2729 - Long.

No. 75 Survey Date Oct 16 91

Sigsbee Machine. #2 Reel.

Turns 2481 Cor. + 160 Depth 2641 fms.

Shot ~~or lead~~ 60 lbs

Bottom bn M. bk. s/o

Bottom temperature 35.1°

No. of thermometer 66665 Cor. -

Corrected temperature 35.1

Air 67° Surface 67° Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| Pm DOWN. | Pm UP. | | DOWN. | UP. |
| 8. 59.40 | 59.40 | 0 | | |
| 9 00.45 | 58.10 | 100 | | |
| 01.45 | 57.25 | 200 | | |
| 02.47 | 56.35 | 300 | | |
| 03.48 | 55.50 | 400 | | |
| 04.49 | 55.09 | 500 | | |
| 05.50 | 54.10 | 600 | | |
| 06.55 | 53.15 | 700 | | |
| 08.10 | 52.20 | 800 | | |
| 09.15 | 51.30 | 900 | | |
| 10.25 | 50.35 | 1000 | | |
| 11.35 | 49.35 | 1100 | | |
| 12.55 | 48.40 | 1200 | | |
| 14.15 | 47.40 | 1300 | | |
| 15.30 | 46.35 | 1400 | | |
| 16.55 | 45.30 | 1500 | | |
| 18.18 | 44.25 | 1600 | | |
| 19.35 | 43.20 | 1700 | | |
| 21.00 | 42.10 | 1800 | | |
| 22.30 | 40.55 | 1900 | | |
| 23.45 | 39.35 | 2000 | | |
| 25.15 | 38.15 | 2100 | | |
| 26.30 | 36.45 | 2200 | | |
| 27.55 | 35.30 | 2300 | | |
| 29.15 | 9.34.00 | 2400 | | |

Pat log 98.3

2—571

| | | | | |
|---|---|---|---|---|
| 9.30.25 | 9.32.00 | 2500 | 4807 | |
| | | 2600 | 2481 | |
| | | 2700 | 2326 | 201 |
| | | 2800 | | 45 |
| | | 2900 | | 156 |
| | | 3000 | | 2481 |
| | | 3100 | | 2637 |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | 4807 | 201 |
| | | 3500 | 2481 | 41 |
| | | 3600 | 2326 | 160 |
| | | 3700 | | 2481 |
| | | 3800 | | 2641 |
| | | 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. Lat. 2730. Long:

No. 76 Survey Date Oct 16th 91

Sigsbee Machine. #2 Reel. Navy

Turns 2506 Cor. + 161 Depth 2667 fms.

Shot or lead 60

Bottom bn. m.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 67 Surface 66 Drift

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| PM DOWN. | PM UP. | | DOWN. | UP. |
| 11.04.05 | 59.35 | 0 | | |
| 05.00 | 59.00 | 100 | | |
| 05.45 | 58.15 | 200 | | |
| 06.40 | 57.27 | 300 | | |
| 07.35 | 56.40 | 400 | | |
| 08.30 | 55.55 | 500 | | |
| 09.25 | 55.00 | 600 | | |
| 10.30 | 54.05 | 700 | | |
| 11.30 | 53.00 | 800 | | |
| 12.35 | 52.15 | 900 | | |
| 13.35 | 51.25 | 1000 | | |
| 14.37 | 50.35 | 1100 | | |
| 15.45 | 49.40 | 1200 | | |
| 16.55 | 48.45 | 1300 | | |
| 18.05 | 47.45 | 1400 | | |
| 19.15 | 46.45 | 1500 | | |
| 20.35 | 45.45 | 1600 | | |
| 21.50 | 44.40 | 1700 | | |
| 23.05 | 43.35 | 1800 | | |
| 24.25 | 42.20 | 1900 | | |
| 25.40 | 41.10 | 2000 | | |
| 27.00 | 39.55 | 2100 | | |
| 28.15 | 38.35 | 2200 | | |
| 29.40 | 37.20 | 2300 | | |
| 31.05 | 11.36.50 | 2400 | | |

Pat Log 08.3

2—571

| | | | | |
|---|---|---|---|---|
| 11.323 | 11.3430 | 2500 | 4807<br>2506<br>2301 | |
| | | 2600 | | |
| | | 2700 | | 201<br>40<br>161 |
| | | 2800 | | |
| | | 2900 | | |
| | | 3000 | | 2506 |
| | | 3100 | 4807 | 161 |
| | | 3200 | 2506 | 2667 |
| | | 3300 | 23 | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2731. Long.

No. 77 Survey. Date Oct. 17-1891.

Sigsbee Machine. #2 Reel. Navy.

Turns 2630 Cor. + 166 Depth 2796 fms.

Shot ~~or lead~~ 60 lbs.

Bottom bn. M

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 67 Surface 68 Drift —

Trawl or dredge —

| SOUNDING WIRE. DOWN. | SOUNDING WIRE. UP. | TURNS. | DREDGE ROPE. DOWN. | DREDGE ROPE. UP. |
|---|---|---|---|---|
| 1-07-30 | 16-00 | 0 | | |
| 09-00 | 15-00 | 100 | | |
| 10-20 | 14-15 | 200 | | |
| 11-45 | 13-30 | 300 | | |
| 13-00 | 12-45 | 400 | | |
| 14-15 | 12-00 | 500 | | |
| 15-30 | 11-15 | 600 | | |
| 16-30 | 10-30 | 700 | | |
| 17-45 | 09-30 | 800 | | |
| 19-00 | 08-30 | 900 | | |
| 20-30 | 07-30 | 1000 | | |
| 21-45 | 06-15 | 1100 | | |
| 23-00 | 05-15 | 1200 | | |
| 24-15 | 04-00 | 1300 | | |
| 25-45 | 02-45 | 1400 | | |
| 27-15 | 01-30 | 1500 | | |
| 28-45 | 2-00-00 | 1600 | | |
| 30-15 | 58-30 | 1700 | | |
| 31-45 | 57-00 | 1800 | | |
| 33-15 | 55-45 | 1900 | | |
| 34-45 | 54-30 | 2000 | | |
| 36-00 | 53-15 | 2100 | | |
| 37-30 | 52-00 | 2200 | | |
| 39-00 | 51-00 | 2300 | | |
| 40-30 | 1-49-30 | 2400 | | |

Bliss Log Read 18.3

2—571

Am.

| | | | | |
|---|---|---|---|---|
| 1-42-00 | 48-30 | 2500 | 4807 | 201 |
| 48-30 | 47-00 | 2600 | 2630 | 35 |
| 44-30 | 1-46-00 | 2700 | 2177 | 166 |
| | | 2800 | | 2630 |
| | | 2900 | | 2796 |
| | | 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:

15 C.F. 507. Lat: 2732. Long:

No. 78 Survey. Date Oct. 17 - 1891.

Sigsbee Machine. #2 Reel. Navy.

Turns 2667 Cor. + 167 Depth 2834 fms.

Shot ~~or lead~~ 60 lbs.

Bottom bar M.

Bottom temperature 35.2

No. of thermometer 66665 Cor. -

Corrected temperature 35.2

Air 67° Surface 68° Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 3-19-00 | 41-20 | 0 | | |
| 20-15 | 40-30 | 100 | | |
| 21-30 | 39-40 | 200 | | |
| 22-45 | 38-45 | 300 | | |
| 24-00 | 38-0 | 400 | | |
| 25-30 | 37-0 | 500 | | |
| 26-45 | 36-0 | 600 | | |
| 28-15 | 35-0 | 700 | | |
| 29-30 | 34-0 | 800 | | |
| 31-00 | 32-0 | 900 | | |
| 32-15 | 30-20 | 1000 | | |
| 33-30 | 28-35 | 1100 | | |
| 35-00 | 26-50 | 1200 | | |
| 36-30 | 25-0 | 1300 | | |
| 38-00 | 22-45 | 1400 | | |
| 39-30 | 20-45 | 1500 | | |
| 41-00 | 18-45 | 1600 | | |
| 42-30 | 17-0 | 1700 | | |
| 44-15 | 15-0 | 1800 | | |
| 45-45 | 13-0 | 1900 | | |
| 47-15 | 11 | 2000 | | |
| 48-45 | 10-0 | 2100 | | |
| 50-30 | 08-15 | 2200 | | |
| 52-00 | 06-45 | 2300 | | |
| 53-30 | 4-05-00 | 2400 | | |

Stopped at 3:15
Bliss log - 28.3 -

2—571

A.M.

| | | | | |
|---|---|---|---|---|
| 3-55-15 | 03-15 | 2500 | 4807 | 201 |
| 57-00 | 02-00 | 2600 | 2667 | 34 |
| 58-15 | 4-01-00 | 2700 | 2140 | 167 |
| | | 2800 | | 2667 |
| | | 2900 | | 2834 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. ~~Lat.~~ 2733. Long.

No. 79 Survey Date Oct 17/91

Sigsbee Machine. #2 Reel. Navy

Turns 2308 Cor. + 153 Depth 2461 fms.

Shot or lead 60 lbs.

Bottom bn. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 67 Surface 68 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 5-45-5 | 44-0 | 0 | | |
| 46-20 | 43-20 | 100 | | |
| 47-20 | 42-50 | 200 | | |
| 48-25 | 42-10 | 300 | | |
| 49-25 | 41-30 | 400 | | |
| 50-30 | 40-45 | 500 | | |
| 51-40 | 40-0 | 600 | | |
| 52-50 | 39-10 | 700 | | |
| 54-20 | 38-10 | 800 | | |
| 55-35 | 37-15 | 900 | | |
| 57-10 | 36-05 | 1000 | | |
| 58-20 | 34-55 | 1100 | | |
| 59-50 | 33-40 | 1200 | | |
| 6- 01-15 | 32-30 | 1300 | | |
| [illegible] | 31-30 | 1400 | | |
| 03-55 | 30-30 | 1500 | | |
| 5-45 | 29-30 | 1600 | | |
| 7-15 | 28-30 | 1700 | | |
| 8-45 | 27-20 | 1800 | | |
| 10-20 | 26-5 | 1900 | | |
| 11-40 | 24-40 | 2000 | | |
| 13-15 | 23-20 | 2100 | | |
| 14-45 | 21-50 | 2200 | | |
| 16-15 | 6-20-15 | 2300 | | |
| | | 2400 | | |

5-41 am Log read - 38-3

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4807 | 201 |
| | | 2600 | 2308 | 44 |
| | | 2700 | 2499 | 157 |
| | | 2800 | | 2308 |
| | | 2900 | | 2465 |
| | | 3000 | | |
| | | 3100 | 4807 | 201 |
| | | 3200 | 2308 | 48 |
| | | 3300 | 25 | 153 |
| | | 3400 | | 2308 |
| | | 3500 | | 2461 |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2734 Long:

No. 80 Survey Date Oct 17/91

Sigsbee Machine. #2 Reel. Navy

Turns 2174 Cor. + 148 Depth 2322 fms.

Shot or lead 6 olts

Bottom bu M + Lava

Bottom temperature 35.3

No. of thermometer 66665 Cor. –

Corrected temperature 35.3

Air 69 Surface 68 Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 7-0-05 | 57-45 | 0 | | |
| 01-30 | 57-05 | 100 | | |
| 02-35 | 56-25 | 200 | | |
| 03-40 | 55-45 | 300 | | |
| 04-55 | 55-0 | 400 | | |
| 06-05 | 54-15 | 500 | | |
| 07-30 | 53-25 | 600 | | |
| 08-30 | 52-30 | 700 | | |
| 09-45 | 51-40 | 800 | | |
| 11-0 | 50-40 | 900 | | |
| 12-20 | 49-35 | 1000 | | |
| 13-40 | 48-35 | 1100 | | |
| 15-0 | 47-30 | 1200 | | |
| 16-30 | 46-30 | 1300 | | |
| 18-0 | 45-30 | 1400 | | |
| 19-30 | 42-40 | 1500 | | |
| 20-50 | 41-35 | 1600 | | |
| 21-20 | 40-25 | 1700 | | |
| 22-40 | 39-10 | 1800 | | |
| 24-0 | 37-45 | 1900 | | |
| 26-50 | 36-20 | 2000 | | |
| 29-0 | 34-50 | 2100 | | |
| 30-0 | 7-33-0 | 2174 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

Bris Dry reel 40-03

6-55

2-571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4807<br>2174 | 201<br>53 |
| | | 2600 | | |
| | | 2700 | 2633 | 148<br>2174 |
| | | 2800 | | |
| | | 2900 | | 2322 |
| | | 3000 | | |
| | | 3100 | 4807 | 201 |
| | | 3200 | 2174 | 53 |
| | | | 2633 | 148 |
| | | 3300 | | 2174 |
| | | 3400 | | 2322 |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat. 2735. Long.

No. 81 Survey Date Oct. 17th 91

Sigsbee Machine. 12 Reel.

Turns 1882 Cor. + 132 Depth 2014 fms

Shot or lead 60 lbs.

Bottom Lava

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 69 Surface 68 Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 8.23.00 | 05.10 | 0 | | |
| 24.00 | 04.30 | 100 | | |
| 25.45 | 03.50 | 200 | | |
| 26.35 | 02.50 | 300 | | |
| 27.30 | 02.00 | 400 | | |
| 28.30 | 01.10 | 500 | | |
| 29.30 | 9.00.15 | 600 | | |
| 30.40 | 59.25 | 700 | | |
| 31.50 | 58.35 | 800 | | |
| 33.00 | 57.40 | 900 | | |
| 34.02 | 56.40 | 1000 | | |
| 35.15 | 55.40 | 1100 | | |
| 36.30 | 54.40 | 1200 | | |
| 37.45 | 53.30 | 1300 | | |
| 39.00 | 52.30 | 1400 | | |
| 40.15 | 51.30 | 1500 | | |
| 41.30 | 50.25 | 1600 | | |
| 43.00 | 49.15 | 1700 | | |
| 44.25 | 48.15 | 1800 | | |
| 45.30 | 8.47.15 | 82 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

Pat. Log 443

2—571

4807
1882
2925

201
69
132

| | | | | |
|---|---|---|---|---|
| | | 2500 | | |
| | | 2600 | 28 | 22 |
| | | 2700 | 20 | 14 |
| | | 2800 | 3 | 08 |
| | | 2900 | | |
| | | 3000 | | |
| | | 3100 | 4807 | 201 |
| | | 3200 | 1882 | 69 |
| | | 3300 | 29.25 | 132 |
| | | 3400 | | 1882 |
| | | 3500 | | 2014 |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2736 - Long:

No. 82 Survey Date Oct 17-'91.

Sigsbee Machine. #2 Reel.

Turns 2255 Cor. + 151 Depth 2406 fm

Shot or lead 60 lbs.

Bottom bn M. + Lava

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 69 Surface 68 Drift

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| am 9. 16.00 | am 10.55 | 0 | | |
| 16.55 | 10.10 | 100 | | |
| 17.50 | 09.20 | 200 | | |
| 18.50 | 08.30 | 300 | | |
| 19.30 | 07.35 | 400 | | |
| 20.30 | 06.45 | 500 | | |
| 21.30 | 05.55 | 600 | | |
| 22.30 | 05.05 | 700 | | |
| 23.35 | 04.05 | 800 | | |
| 24.40 | 03.05 | 900 | | |
| 25.45 | 02.00 | 1000 | | |
| 26.55 | 10.00.40 | 1100 | | |
| 28.05 | 59.25 | 1200 | | |
| 29.15 | 57.40 | 1300 | | |
| 30.35 | 55.55 | 1400 | | |
| 31.50 | 54.30 | 1500 | | |
| 33.05 | 53.00 | 1600 | | |
| 34.30 | 51.30 | 1700 | | |
| 35.50 | 50.10 | 1800 | | |
| 37.10 | 48.50 | 1900 | | |
| 38.45 | 47.35 | 2000 | | |
| 40.05 | 46.15 | 2100 | | |
| 41.25 | 45.00 | 2200 | | |
| 42.00 | 9.44.20 | 2300 | | |
| | | 2400 | | |

P Log 46.3

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:

507. Lat. 2737 - Long.

No. 83 Survey. Date Oct. 17 - 1891 -

Lighter Machine. Reel.

Turns 2373 Cor. + 156 Depth 2529 fms -

Shot or lead 60 lbs.

Bottom br. M.

Bottom temperature 35.3°

No. of thermometer 66665 Cor. -

Corrected temperature 35.3

Air 69 Surface 68 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 10 34.15 | 33.25 | 0 | | |
| 35.30 | 32.45 | 100 | | |
| 36.32 | 32.05 | 200 | | |
| 37.35 | 31.25 | 300 | | |
| 39.00 | 30.30 | 400 | | |
| 40.25 | 29.40 | 500 | | |
| 41.35 | 28.45 | 600 | | |
| 42.45 | 27.50 | 700 | | |
| 44.00 | 26.55 | 800 | | |
| 45.15 | 25.00 | 900 | | |
| 46.40 | 24.45 | 1000 | | |
| 47.50 | 23.25 | 1100 | | |
| 49.10 | 22.15 | 1200 | | |
| 50.20 | 21.05 | 1300 | | |
| 51.40 | 19.50 | 1400 | | |
| 53.05 | 18.30 | 1500 | | |
| 54.20 | 17.15 | 1600 | | |
| 55.45 | 16.05 | 1700 | | |
| 56.50 | 14.55 | 1800 | | |
| 58.10 | 13.30 | 1900 | | |
| 11 00.05 | 12.15 | 2000 | | |
| 02.00 | 11.00 | 2100 | | |
| 03.05 | 09.45 | 2200 | | |
| 04.20 | 08.15 | 2300 | | |
| 05.30 | 11 07.12 | 2400 | | |

Out log 50.3

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4807<br>2373<br>2434 | |
| | | 2600 | | |
| | | 2700 | | |
| | | 2800 | | 201<br>47<br>160 |
| | | 2900 | | |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | 2529<br>402<br>127 |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | 4807<br>2373 | 207<br>45 |
| | | 3800 | 2434 | 156<br>2373 |
| | | 3900 | | 2529 |
| | | 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. Lat: 2738. Long.

No. 84 Survey Date Oct. 17th 1891.

Sigsbee Machine. #2 Reel. Navy

Turns 2310 Cor. + 153 Depth 2463 fms.

Shot or lead 60 lbs.

Bottom bn. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 69 Surface 68 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| A.M. DOWN. | P.M. UP. | | DOWN. | UP. |
| 11-39-00 | 36-30 | 0 | | |
| 40.00 | 35-45 | 100 | | |
| 41.05 | 35-00 | 200 | | |
| 42.15 | 34-15 | 300 | | |
| 43.20 | 33-30 | 400 | | |
| 44.30 | 32-30 | 500 | | |
| 45.50 | 31-30 | 600 | | |
| 47.05 | 30-30 | 700 | | |
| 48.20 | 29-30 | 800 | | |
| 49.40 | 28-30 | 900 | | |
| 51.50 | 27-15 | 1000 | | |
| 52.25 | 26-00 | 1100 | | |
| 53.15 | 25-00 | 1200 | | |
| 55-00 | 24-00 | 1300 | | |
| 56-45 | 22-45 | 1400 | | |
| 58-15 | 21-30 | 1500 | | |
| P.M. 59-45 | 20-30 | 1600 | | |
| 12-01-00 | 19-30 | 1700 | | |
| 02-45 | 18-15 | 1800 | | |
| 04-15 | 17-00 | 1900 | | |
| 05-45 | 15-45 | 2000 | | |
| 07-15 | 14-30 | 2100 | | |
| 09-00 | 13-15 | 2200 | | |
| 10-45 | 12-12-00 | 2300 | | |
| | | 2400 | | |

Pl. 52.3

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4807 | 201 |
| | | 2600 | 2310 | 48 |
| | | 2700 | 2497 | 153 |
| | | 2800 | | 2310 |
| | | 2900 | | 2463 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat: 2739. Long:

No. 85 Survey Date Oct^r 17-1891-

Sigsbee Machine. #2 Reel. Navy-

Turns 2310 Cor. + 153 Depth 2463 fms-

Shot ~~or lead~~ 60 lbs.

Bottom bn. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 70 Surface 69 Drift —

Trawl or dredge —

| P.M. SOUNDING WIRE. DOWN. | UP. | TURNS. | DREDGE ROPE. DOWN. | UP. |
|---|---|---|---|---|
| 1-00-00 | 03-30 | 0 | | |
| 02-00 | 02-30 | 100 | | |
| 03-30 | 01-45 | 200 | | |
| 05-00 | 01-00 | 300 | | |
| 06-30 | 2-00-00 | 400 | | |
| 08-15 | 59-00 | 500 | | |
| 09-45 | 57-45 | 600 | | |
| 11-15 | 56-30 | 700 | | |
| 12-45 | 55-15 | 800 | | |
| 14-00 | 54-00 | 900 | | |
| 15-30 | 52-30 | 1000 | | |
| 16-45 | 51-15 | 1100 | | |
| 18-00 | 50-00 | 1200 | | |
| 19-30 | 48-45 | 1300 | | |
| 20-45 | 47-30 | 1400 | | |
| 22-15 | 46-15 | 1500 | | |
| 24-00 | 45-00 | 1600 | | |
| 25-30 | 43-45 | 1700 | | |
| 27-00 | 42-30 | 1800 | | |
| 28-15 | 41-15 | 1900 | | |
| 30-00 | 40-00 | 2000 | | |
| 31-15 | 38-45 | 2100 | | |
| 32-45 | 37-30 | 2200 | | |
| 34-15 | 1-36-00 | 2300 | | |
| | | 2400 | | |

Pat Log read 56.3-
Made 1/10 mile while heaving in-

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4807 | 201 |
| | | 2600 | 2310 | 48 |
| | | 2700 | 2497 | 153 |
| | | 2800 | | 2310 |
| | | 2900 | | 2463 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

H.C.J. + A.F.P. 507. Lat. 2740 Long.

No. 86 Survey. Date Octr 17-1891.

Sigsbee Machine. #2 Reel. Navy.

Turns 2224 Cor. + 150 Depth 2374 fms.

Shot ~~or lead~~ 60 lbs.

Bottom Mn. Oz.

Bottom temperature 35.2

No. of thermometer 66665 Cor. —

Corrected temperature 35.2

Air 70 Surface 69 Drift —

Trawl or dredge —

| P.M. SOUNDING WIRE. DOWN. | UP. | TURNS. | DREDGE ROPE. DOWN. | UP. |
|---|---|---|---|---|
| 3-07-00 | 07-30 | 0 | | |
| 08-30 | 06-50 | 100 | | |
| 09-30 | 06-0 | 200 | | |
| 10-30 | 05-10 | 300 | | |
| 11-45 | 04-15 | 400 | | |
| 13-00 | 03-20 | 500 | | |
| 14-15 | 02-30 | 600 | | |
| 15-30 | 4-01-25 | 700 | | |
| 17-00 | 59-45 | 800 | | |
| 18-15 | 58-30 | 900 | | |
| 19-30 | 57-15 | 1000 | | |
| 20-45 | 56-00 | 1100 | | |
| 22-00 | 55-00 | 1200 | | |
| 23-15 | 54-00 | 1300 | | |
| 24-30 | 53-00 | 1400 | | |
| 25-45 | 52-00 | 1500 | | |
| 27-00 | 50-45 | 1600 | | |
| 28-30 | 49-30 | 1700 | | |
| 29-45 | 48-15 | 1800 | | |
| 31-00 | 47-00 | 1900 | | |
| 32-15 | 45-30 | 2000 | | |
| 34-00 | 44-00 | 2100 | | |
| 35-45 | 3-42-00 | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

Bliss Log Read 66.3 — Made 7/10 knots while leaving in.

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4807 | 201 |
| | | 2600 | 2224 | 51 |
| | | 2700 | 2583 | 150 |
| | | 2800 | | 2224 |
| | | 2900 | | 2374 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat. 2741 Long.

No. 87 Survey Date October 17/91.

Sigsbee Machine. #2 Reel. Navy

Turns 2575 Cor. + 164 Depth 2739 fms -

Shot ~~or lead~~ 60 lbs.

Bottom bn g

Bottom temperature 35°

No. of thermometer 66665 Cor. -

Corrected temperature 35°

Air 69 Surface 69 Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| P.cw. DOWN. | pm UP. | | DOWN. | UP. |
| 5- 14-45 | 43.05 | 0 | | |
| 15-45 | 32.10 | 100 | | |
| 16-50 | 31.10 | 200 | | |
| 18-0 | 30.15 | 300 | | |
| 19-15 | 29.15 | 400 | | |
| 20-30 | 28.20 | 500 | | |
| 21-45 | 27.10 | 600 | | |
| 23-10 | 26.10 | 700 | | |
| 24-30 | 25.40 | 800 | | |
| 25-50 | 24.30 | 900 | | |
| 27-10 | 23.15 | 1000 | | |
| 28-30 | 22.00 | 1100 | | |
| 29-50 | 20.30 | 1200 | | |
| 31-15 | 19.05 | 1300 | | |
| 32-35 | 17.20 | 1400 | | |
| 34-25 | 15.00 | 1500 | | |
| 35-40 | 12.40 | 1600 | | |
| 37-15 | 10.25 | 1700 | | |
| 38-45 | 08.15 | 1800 | | |
| 40-10 | 06.05 | 1900 | | |
| 41-40 | 04.00 | 2000 | | |
| 43-15 | 02.00 | 2100 | | |
| 44-50 | 6-0-0 | 2200 | | |
| 46-20 | 58-10 | 2300 | | |
| 47-55 | 5-56-35 | 2400 | | |

Bliss Log Read 76.3 -

Make 1.3 knots while leaving in

| | | | | |
|---|---|---|---|---|
| 5-49-30 | 54-55 | 2500 | 4807 | 201 |
| 10- | 5-54-0 | 2575 | 2575 | 37 |
| | | 2600 | 2232 | 164 |
| | | 2700 | | 2575 |
| | | 2800 | | 2739 |
| | | 2900 | | |
| | | 3000 | | |
| | | 3100 | 4807 | 201 |
| | | 3200 | 2575 | 37 |
| | | 3300 | 2232 | 164 |
| | | 3400 | | 2575 |
| | | 3500 | | 2739 |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

## SERIAL TEMPERATURES.

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

REMARKS:

507. 6B Lat. 2742. Long:

No. 88 Survey Date Oct. 17. 91

Sigsbee Machine. #2 Reel. Navy

Turns 2351 Cor. + 155 Depth 2506 fms.

Shot ~~or lead~~ 60 lbs

Bottom Fn. Oz.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 69 Surface 69 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 7.34.30 | 32-00 | 0 | | |
| 35.30 | 30-45 | 100 | | |
| 36.30 | 30-00 | 200 | | |
| 37.30 | 29-15 | 300 | | |
| 38.35 | 28-30 | 400 | | |
| 39.40 | 27-45 | ✓ 500 | | |
| 40.45 | 27-00 | 600 | | |
| 41.50 | 26-00 | 700 | | |
| 43.00 | 25-00 | 800 | | |
| 44.25 | 24-00 | 900 | | |
| 45.40 | 23-00 | ✓ 1000 | | |
| 46.50 | 22-00 | 1100 | | |
| 48.00 | 21-00 | 1200 | | |
| 49.30 | 19-45 | 1300 | | |
| 50.55 | 18-45 | 1400 | | |
| 52.20 | 17-45 | 1500 | | |
| 53.45 | 16-30 | 1600 | | |
| 55.00 | 15-00 | 1700 | | |
| 56-20 | 13-45 | 1800 | | |
| 57-45 | 12-30 | 1900 | | |
| 59-00 | 11-00 | ✓ 2000 | | |
| 8-00-15 | 09-30 | 2100 | | |
| 01-45 | 08-00 | 2200 | | |
| 03-00 | 06-30 | 2300 | | |
| 04-00 | 8-05-30 | 2400 | | |

Bliss Log read 86.3 - Made 8/10 knots while heaving in -

87-1

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4807 | 201 |
| | | 2600 | 2351 | 46 |
| | | | 2456 | 155 |
| | | 2700 | | 2351 |
| | | 2800 | | 2506 |
| | | 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:

507. Lat. 2743. Long:

No. 89 Survey. Date Oct 17-1891.

Sigsbee Machine. #2 Reel. Navy.

Turns 2289 Cor. + 153 Depth 2442 fms

Shot ~~or lead~~ 60 lbs.

Bottom bn. Oz.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 69 Surface 69 Drift —

Trawl or dredge —

| SOUNDING WIRE. DOWN. | SOUNDING WIRE. UP. | TURNS. | DREDGE ROPE. DOWN. | DREDGE ROPE. UP. |
|---|---|---|---|---|
| 9-35-00 | 33-00 | 0 | | |
| 36-15 | 32-15 | 100 | | |
| 37-15 | 31-30 | 200 | | |
| 38-15 | 30-45 | 300 | | |
| 39-15 | 29-45 | 400 | | |
| 40-30 | 28-45 | 500 | | |
| 41-30 | 27-45 | 600 | | |
| 42-45 | 26-45 | 700 | | |
| 44-00 | 25-30 | 800 | | |
| 45-15 | 24-30 | 900 | | |
| 46-30 | 23-30 | 1000 | | |
| 47-45 | 22-00 | 1100 | | |
| 49-00 | 20-30 | 1200 | | |
| 50-30 | 19-00 | 1300 | | |
| 51-45 | 17-45 | 1400 | | |
| 53-00 | 16-15 | 1500 | | |
| 54-15 | 15-00 | 1600 | | |
| 55-45 | 13-45 | 1700 | | |
| 57-00 | 12-30 | 1800 | | |
| 58-30 | 11-15 | 1900 | | |
| 10-00-00 | 09-45 | 2000 | | |
| 01-30 | 08-30 | 2100 | | |
| 03-00 | 07-15 | 2200 | | |
| 04-15 | 10-06-30 | 2300 | | |
| | | 2400 | | |

Blies log read 96.3 - Made 1 knots while heaving in

97.3

2-571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4807 | 201 |
| | | 2600 | 2289 | 48 |
| | | 2700 | 2518 | 153 |
| | | 2800 | | ~~2518~~ |
| | | 2900 | | + |
| | | 3000 | | 153 |
| | | 3100 | | 2289 |
| | | 3200 | | 2442 |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat. 2744. Long:

No. 90 Survey. Date Oct. 17th 1891.

Sigsbee Machine. #2 Reel. Navy.

Turns 2130 Cor. + 146 Depth 2276

Shot ~~or lead~~ 60 lbs.

Bottom bn. Oz.

Bottom temperature 34.9

No. of thermometer 66665 Cor. –

Corrected temperature 34.9

Air 69 Surface 69 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 11-48-30 | 47-10 | 0 | | |
| 49-45 | 46-30 | 100 | | |
| 51-00 | 45-45 | 200 | | |
| 52-30 | 45-05 | 300 | | |
| 53-45 | 44-25 | 400 | | |
| 55-0 | 42-20 | 500 | | |
| 56-15 | 41-15 | 600 | | |
| 57-30 | 40-15 | 700 | | |
| 58-50 | 39-15 | 800 | | |
| 12-0-10 | 38-10 | 900 | | |
| 01-30 | 37-0 | 1000 | | |
| 02-55 | 35-45 | 1100 | | |
| 04-25 | 34-30 | 1200 | | |
| 05-45 | 33-30 | 1300 | | |
| 07-05 | 32-10 | 1400 | | |
| 08-30 | 31-0 | 1500 | | |
| 09-55 | 29-40 | 1600 | | |
| 11-20 | 28-20 | 1700 | | |
| 12-50 | 27-0 | 1800 | | |
| 14-25 | 25-35 | 1900 | | |
| 16-0 | 24-15 | 2000 | | |
| 17-30 | 23-0 | 2100 | | |
| 18-0 | 21-30 | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

Blue Log read - 063 063

Made 5/10 Knots while hearing in

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4807 | 201 |
| | | 2600 | 2130 | 55 |
| | | 2700 | 2677 | 146 |
| | | 2800 | | 2130 |
| | | 2900 | | 2276 |
| | | 3000 | | |
| | | 3100 | 4807 | 201 |
| | | 3200 | 2130 | 55 |
| | | 3300 | 2677 | 146 |
| | | 3400 | | 2130 |
| | | 3500 | | 2276 |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat 2745 Long:

No. 91 Survey Date Oct 18/91

Sigsbee Machine #2 Reel. Navy

Turns 2400 Cor. + 157 Depth 2557

Shot ~~or lead~~ 60 lbs

Bottom M. Oz.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 68 Surface 69 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 2-4-45 | 11-40 | 0 | | |
| 6-15 | 10-45 | 100 | | |
| 7-45 | 10-0 | 200 | | |
| 09-0 | 9-10 | 300 | | |
| 10-25 | 8-15 | 400 | | |
| 11-45 | 7-20 | 500 | | |
| 13-05 | 6-25 | 600 | | |
| 14-30 | 5-30 | 700 | | |
| 15-55 | 4-30 | 800 | | |
| 17-15 | 3-35 | 900 | | |
| 18-30 | 2-35 | 1000 | | |
| 19-55 | 1-40 | 1100 | | |
| 21-20 | 3-6-40 | 1200 | | |
| 22-40 | 59-30 | 1300 | | |
| 24-10 | 58-30 | 1400 | | |
| 25-35 | 57-30 | 1500 | | |
| 27-0 | 56-30 | 1600 | | |
| 28-35 | 55-10 | 1700 | | |
| 30-5 | 54-0 | 1800 | | |
| 31-45 | 52-50 | 1900 | | |
| 33-20 | 51-40 | 2000 | | |
| 35-0 | 50-20 | 2100 | | |
| 36-45 | 49-10 | 2200 | | |
| 38-35 | 47-45 | 2300 | | |
| 39-40 | 46-0 | 2400 | | |

Bless Log read 163 163 made 8/10 knots while hearing

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4807 | 201 |
| | | 2600 | 2400 | 44 |
| | | 2700 | 2407 | 157 |
| | | 2800 | | 2400 |
| | | 2900 | | |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | 4807 | 201 |
| | | 3400 | 2400 | 44 |
| | | 3500 | 2407 | 157 |
| | | 3600 | | 2400 |
| | | 3700 | | 2557 |
| | | 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. Lat. 2746 Long:

No. 92 Survey Date Oct 18th 91

Sigsbee Machine. #2 Reel. Navy

Turns 2338 Cor. + 154 Depth 2492 fms.

Shot ~~or lead~~ 60 lbs

Bottom not known

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 69 Surface 69. Drift —

Trawl or dredge —

| SOUNDING WIRE. DOWN. | UP. | TURNS. | DREDGE ROPE. DOWN. | UP. |
|---|---|---|---|---|
| am 4.21.30 | am " | 0 | P. Log 26.3. From time put over united full speed. 3 knots | |
| 23.55 | | 100 | Wire Parted at 1748 turns, splice drawn out. | |
| 26.30 | | 200 | | |
| 29.50 | | 300 | | |
| 32.50 | | 400 | | |
| 34.00 | | 500 | | |
| 35.15 | | 600 | | |
| 37.50 | | 700 | | |
| 39.50 | | 800 | | |
| 41.50 | | 900 | | |
| 43.30 | | 1000 | | |
| 44.15 | | 1100 | | |
| 46.40 | | 1200 | | |
| 48.20 | | 1300 | | |
| 49.50 | | 1400 | | |
| 51.00 | | 1500 | | |
| 52.30 | | 1600 | | |
| 53.55 | 19.55 | ~~1700~~ 1748 | | |
| 55.20 | 17.20 | 1800 | | |
| 58.10 | 15.30 | 1900 | | |
| 59.30 | 14.00 | 2000 | | |
| 6.00.30 | 12.50 | 2100 | | |
| 02.15 | 11.05 | 2200 | | |
| 04.40 | 07.10 | 2300 | | |
| 05.10 | 6.06.00 | 2400 | | |

Lost 1872 fathoms wire, 1 small lead, 1 sounding cylinder.

2—571

| | | | |
|---|---|---|---|
| 4807<br>2338<br>2469 | 201<br>47<br>154<br>2338<br>2492 | 2500<br>2600<br>2700<br>2800<br>2900<br>3000<br>3100<br>3200<br>3300<br>3400<br>3500<br>3600<br>3700<br>3800<br>3900<br>4000 | 4807<br>2338<br>2469<br><br>201<br>47<br>154<br><br>201<br>77<br>124<br>4807<br>1748124<br>3059874 |

SERIAL TEMPERATURES.

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

REMARKS:

JCB 507. Lat: 2747. Long:

H.C.G.

No. 93 Survey Date Oct. 18 - 1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 2260 Cor. + 161 Depth 2421 fms.

Shot ~~or lead~~ 60 lbs

Bottom bn. Oz.

Bottom temperature 35°

No. of thermometer 66665 Cor. -

Corrected temperature 35°

Air 69° Surface 69° Drift ——

Trawl or dredge ——

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| am DOWN. | am UP. | | DOWN. | UP. |
| 6.58.10 | 20-00 | 0 | | |
| 59.45 | 19-15 | 100 | | |
| 7.01.20 | 18-30 | 200 | | |
| 03.05 | 17-45 | 300 | | |
| 04.35 | 16-45 | 400 | | |
| 06.00 | 15-45 | 500 | | |
| 07.15 | 14-45 | 600 | | |
| 08.35 | 13-45 | 700 | | |
| 10.10 | 12-30 | 800 | | |
| 11.30 | 11-30 | 900 | | |
| 13.30 | 10-15 | 1000 | | |
| 26.20 | 09-00 | 1100 | | |
| 27.15 | 07-30 | 1200 | | |
| 30.10 | 06-00 | 1300 | | |
| 32.00 | 04-30 | 1400 | | |
| 33.35 | 02.15 | 1500 | | |
| 35.10 | 8 00.40 | 1600 | | |
| 36.55 | 39.05 | 1700 | | |
| 38.20 | 57.10 | 1800 | | |
| 40.30 | 55.10 | 1900 | | |
| 41.50 | 53.30 | 2000 | | |
| 43.20 | 51.30 | 2100 | | |
| 45.10 | 50.00 | 2200 | | |
| 47.30 | 7.48.00 | 2300 | | |
| | | 2400 | | |

P. at Log 36.3

Run during time of hearing in 9/10 knots

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4709 | 221 |
| | | 2600 | 2260 | 60 |
| | | 2700 | 2449 | 161 |
| | | 2800 | | 2260 |
| | | 2900 | | 2421 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

H.C.D. 507. Lat: 27 48 Long:

No. 94 Survey. Date Oct. 18 - 1891 -

Sigsbee Machine. * 1 Reel. Navy -

Turns 2256 Cor. + 161 Depth 2417 fms -

Shot ~~or lead~~ 60 lbs -

Bottom bn. Oz.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air. 69° Surface 69° Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| A.M. 9-41-00 | 58-30 | 0 | | |
| 42-00 | 57-45 | 100 | | |
| 43-00 | 57-00 | 200 | | |
| 44-00 | 56-15 | 300 | | |
| 45-15 | 55-30 | 400 | | |
| 46-30 | 54-30 | 500 | | |
| 47-30 | 53-30 | 600 | | |
| 49-00 | 52-00 | 700 | | |
| 50-15 | 50-30 | 800 | | |
| 51-30 | 49-00 | 900 | | |
| 52-45 | 47-30 | 1000 | | |
| 54-15 | 46-00 | 1100 | | |
| 55-30 | 44-15 | 1200 | | |
| 56-45 | 42-30 | 1300 | | |
| 58-00 | 40-30 | 1400 | | |
| 59-30 | 39-00 | 1500 | | |
| 10-01-00 | 37-00 | 1600 | | |
| 03-00 | 35-00 | 1700 | | |
| 04-15 | 32-30 | 1800 | | |
| 05-30 | 30-00 | 1900 | | |
| 07-00 | 27-00 | 2000 | | |
| 09-00 | 23-00 | 2100 | | |
| 10-30 | 18-00 | 2200 | | |
| 11-30 | 10-15-30 | 2300 | | |
| | | 2400 | | |

Log read 46.3 - Ran 7/10 knot while leaving in.

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4709 | 221 |
| | | 2600 | 2256 | 60 |
| | | | 2453 | 161 |
| | | 2700 | | 2256 |
| | | 2800 | | 2417 |
| | | 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:

507. Lat. 2749 Long.

No. 98 Survey Date Oct. 18/91

Sigsbee Machine. #1 Reel. Navy.

Turns 2432 Cor. + 169 Depth 2601

Shot or lead 60 lbs.

Bottom bu. of

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 62 Surface 69 Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| PcW DOWN. | PV UP. | | DOWN. | UP. |
| 12-25-0 | 35.10 | 0 | | |
| 26-15 | 34.00 | 100 | | |
| 28-30 | 33.35 | 200 | | |
| 30-15 | 32.45 | 300 | | |
| 32-45 | 31.55 | 400 | | |
| 34-30 | 30.50 | 500 | | |
| 36-30 | 27.45 | 600 | | |
| 37-45 | 26.30 | 700 | | |
| 39-10 | 25.50 | 800 | | |
| 40-15 | 23.25 | 900 | | |
| 42-15 | 21.45 | 1000 | | |
| 44-0 | 20.50 | 1100 | | |
| 45-0 | 19.50 | 1200 | | |
| 46-30 | 17.40 | 1300 | | |
| 48-0 | 15.20 | 1400 | | |
| 49-30 | 12.40 | 1500 | | |
| 51-15 | 10.20 | 1600 | | |
| 53-0 | 08.25 | 1700 | | |
| 54-45 | 06.40 | 1800 | | |
| 56-0 | 04.30 | 1900 | | |
| 58-0 | 02.05 | 2000 | | |
| 1-0-0 | 59.50 | 2100 | | |
| 2-0 | 56.30 | 2200 | | |
| 4-0 .070 | 55.00 | 2300 | | |
| 08-0 | 1-11-30 | 2400 | | |

Log read 52.3 - Ran 0.0 knots while heaving in.

2—571

32

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4709 | 221 |
| | | 2600 | 2432 | 32 |
| | | 2700 | 2277 | 169 |
| | | 2800 | | 2432 |
| | | 2900 | | 2601 |
| | | 3000 | | |
| | | 3100 | 4709 | 221 |
| | | 3200 | 2432 | 32 |
| | | 3300 | 2277 | 169 |
| | | 3400 | | 2432 |
| | | 3500 | | 2601 |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

Lat: 27 50 Long:

No. 96 Survey Date Oct. 18 1891

Sigsbee Machine. #1 Reel. Navy

Turns 2380 Cor. + 167 Depth 2547

Shot or lead 60 lbs.

Bottom M. Oz.

Bottom temperature 34 9

No. of thermometer 66665 Cor. —

Corrected temperature 34.9

Air 61 Surface 68 Drift —

Trawl or dredge —

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|---|---|---|---|---|
| DOWN. | UP. | | DOWN. | UP. |
| 4-10-15 | 20-40 | 0 | | |
| 11-25 | 19-45 | 100 | | |
| 12-30 | 19-0 | 200 | | |
| 13-40 | 18-15 | 300 | | |
| 14-50 | 17-15 | 400 | | |
| 16-10 | 16-15 | 500 | | |
| 17-35 | 15-20 | 600 | | |
| 18-45 | 14-10 | 700 | | |
| 20-15 | 13-0 | 800 | | |
| 21-30 | 12-45 | 900 | | |
| 23-0 | 11-00 | 1000 | | |
| 24-35 | 09-30 | 1100 | | |
| 25-50 | 08-00 | 1200 | | |
| 27-30 | 06-30 | 1300 | | |
| 28-55 | 05-00 | 1400 | | |
| 4-30-30 | 03-30 | 1500 | | |
| 32-0 | 02-00 | 1600 | | |
| 33-45 | 5-00-00 | 1700 | | |
| 35-20 | 58-30 | 1800 | | |
| 37-0 | 57-00 | 1900 | | |
| 38-40 | 55-15 | 2000 | | |
| 40-25 | 53-00 | 2100 | | |
| 42-0 | 51-0 | 2200 | | |
| 43-40 | 49-30 | 2300 | | |
| 44-5 | 4-46-0 | 80 2400 | | |

Log read 66.3

Run during heavy in 9/10 knots

2—571

| | | | | |
|---|---|---|---|---|
| | | 2500 | 4706 | 221 |
| | | 2600 | 2380 | 54 |
| | | 2700 | 2326 | 167 |
| | | 2800 | | 2380 |
| | | 2900 | | 2547 |
| | | 3000 | | |
| | | 3100 | 4706 | 221 |
| | | 3200 | 2380 | 54 |
| | | 3300 | 2326 | 167 |
| | | 3400 | | 2380 |
| | | 3500 | | 2547 |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat. 2751 Long.

No. 97 Survey. Date Oct. 18 - 1891.

Sigsbee Machine. #1 Reel. Navy.

Turns 2483 Cor. + 171 Depth 2654 fms.

Shot or lead 60 lbs.

Bottom Fn. Oz.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 63 Surface 69 Drift —

Trawl or dredge —

| SOUNDING WIRE. DOWN. | SOUNDING WIRE. UP. | TURNS. | DREDGE ROPE. DOWN. | DREDGE ROPE. UP. |
|---|---|---|---|---|
| 6-31-15 | 48-30 | 0 | | |
| 33-00 | 47-35 | 100 | | |
| 34-30 | 47-00 | 200 | | |
| 35-45 | 46-15 | 300 | | |
| 37-00 | 45-30 | 400 | | |
| 38-00 | 44-30 | 500 | | |
| 39-00 | 43-45 | 600 | | |
| 40-30 | 42-45 | 700 | | |
| 41-45 | 41-45 | 800 | | |
| 43-00 | 40-45 | 900 | | |
| 44-30 | 39-30 | 1000 | | |
| 46-00 | 38-30 | 1100 | | |
| 47-15 | 37-00 | 1200 | | |
| 48-45 | 35-30 | 1300 | | |
| 50-15 | 34-00 | 1400 | | |
| 51-30 | 32-00 | 1500 | | |
| 52-15 | 29-30 | 1600 | | |
| 54-45 | 27-30 | 1700 | | |
| 56-15 | 25-15 | 1800 | | |
| 57-45 | 23-15 | 1900 | | |
| 59-15 | 20-30 | 2000 | | |
| 7-01-00 | 18-30 | 2100 | | |
| 02-30 | 16-15 | 2200 | | |
| 04-15 | 14-15 | 2300 | | |
| 05-45 | 7-12-00 | 2400 | | |

Patent log (Bliss) read 76.3 - Ran 1 6/10 Knot while reeling in

2—571

PM.

| | | | | |
|---|---|---|---|---|
| 7-07-00 | 7-10-00 | 2500 | 4709 | 221 |
| | | 2600 | 2483 | 50 |
| | | 2700 | 2226 | 171 |
| | | 2800 | | 2483 |
| | | 2900 | | 2654 |
| | | 3000 | | |
| | | 3100 | | |
| | | 3200 | | |
| | | 3300 | | |
| | | 3400 | | |
| | | 3500 | | |
| | | 3600 | | |
| | | 3700 | | |
| | | 3800 | | |
| | | 3900 | | |
| | | 4000 | | |

SERIAL TEMPERATURES.

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

REMARKS:

507. Lat, Long.

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