

H 6554

to

H 6583-t

Station No. *H 6554* Date: *June 4* 191*6*

Hour: *4:30 P.* M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------|---------------|-----------------|-------------------------------|-----------|----------------|
| <i>Surf</i> | <i>N-298573</i> | <i>65.0</i> | <i>—</i> | <i>-0.3</i> | <i>64.7^(16.17)</i> | <i>X</i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: Transparency:

REMARKS:

Station No. H 6555

Date: June 4

1916

Hour: 6:30 P. M. to - . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| Surf | N-298523 | 62.8 | — | -0.3 | (6.95) 62.5 | x | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: Transparency:

REMARKS:

Station No. *H 6556* Date: *June 5* 191*6*

Hour: *6:30* A. M. to *-* . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------|---------------|-----------------|-------------------------|-----------|----------------|
| <i>Surf</i> | <i>N-298523</i> | <i>60.0</i> | <i>-</i> | <i>-0.3</i> | <i>(15.39) 59.7</i> | <i>λ</i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: _____ Transparency: _____

REMARKS: _____

Station No. *H 6557* Date: *June 5th* 191*6*

Hour: *7:30 P.M.* to *6:30 P.M.*

Position: Lat. _____ Long. _____

Locality: *Northeast landing, Cerros del*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|---------------------------------|------------------------------|-------------|---------------|-----------------|-------------------------------|-----------|----------------|
| <i>Surf</i> <i>2 3/4 fms</i> | | — | | | | X | |
| <i>6 3/4 fms</i> | <i>N-298523</i> | <i>60.8</i> | — | <i>-0.3</i> | <i>(15.83)</i> <i>60.5</i> | X | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
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11-5314

NOTES

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| <i>Psychr.</i> | W | D |
| 2 $\frac{30}{m}$ | 14.86 | 15.9 |
| 6 $\frac{30}{m}$ | 15.76.0 | 18.9 |

Chart 1193

Northeast Harbor, Cedros Id.; half-way between
points, dist. 0.6 mi from shore.

Station No. H 6558

Date: June 6

1916

Hour: 6:30 A. M. to - . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| Surf | N-298523 | 56.4 | — | -0.3 | (13.39) 56.1 | λ | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: Transparency:

REMARKS: 11-5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
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11-5314

NOTES

Psych. W ~~44.9~~ 12.0 D 13.2

Chart 1193

off long. reds. is. nears S $66\frac{1}{2}^{\circ}$ E (true)
 dist. 2.8 mi.

Station No. *H6559* Date: *June 6* 191*6*

Hour: *12:30 P.M.* to *-* . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------|---------------|-----------------|------------------------------|-----------|----------------|
| <i>Surf</i> | <i>11-278523</i> | <i>16.8</i> | | <i>-0.3</i> | <i>(15.89)</i> <i>6.8</i> | | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
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Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Boysen. W 14.8³ D 16.0

Chart 1195

off Cape Cod, S 55° E (true)
dist. 24.7 mi.

Station No. H 6560 Date: June 6 1916

Hour: 6:45 P. M. to - . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|------------------------------|-----------|----------------|
| <u>Surf</u> | <u>S-V 471</u> | <u>16.75</u> | <u>20.8</u> | <u>-0.1</u> | <u>16.15</u> <u>11.06</u> | <u>X</u> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
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Color of water: _____ Transparency: _____

REMARKS: _____

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Psych. 1113, ⁵4 D.N. 3.

Chart 1193

1113, 4, 5
 1113, 4, 5
 dist. 33.0 mi.

Station No. H 6561

Date: June 7

1916

Hour: 5:30 A . M. to —

. M.

Position: Lat. _____

Long. _____

Locality:

Depth: _____

Bottom: _____

Sample: _____

Wind: Direction, _____

Force, _____

Sea: _____

Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| Surf | S-V 491 | 16.0 | 20.6 | -0.1 | 16.0 60.8 | W | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
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Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Payson 11/18/51 DIS. 6

Chart 1193

Long. 115-40-15 W

Lat. 28-47-30 N

Station No. 116562

Date: 11/11/17

1916

Hour: 12:30 P.M. to — . M.

Position: Lat. — Long.

Locality:

Depth: — Bottom: — Sample:

Wind: Direction, — Force,

Sea: — Sky:

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|------------------------------|------------------|---------------|-----------------|--------------------|-----------|----------------|
| Surf | S-V 491 | 10.68 | 23.11 | — | — | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
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Color of water: — Transparency: —

REMARKS:

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
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11-5314

NOTES

Psych. W. 13.3 D 15.3
4

Count 1195

Long. 116-01-15 W

Lat. 29-01-04 N

Station No. *H 6564*Date: *June 8*191*6*Hour: *6:30* A. M. to -

. M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|--------------------|-----------|----------------|
| <i>Surf</i> | <i>S-V 471</i> | <i>15.74</i> | <i>21.0</i> | <i>-0.1</i> | <i>15.64</i> | <i>X</i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: _____

Transparency: _____

REMARKS: _____

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Wagon 11.3.1
4

(Chart 1193)

Long. 116-16-40 W
Lat 29-48-45 N

Station No. *H 6565* Date: *June 8* 191*6*

Hour: *12:30* P. M. to *—* . M.

Position: Lat. *—* Long. *—*

Locality: *—*

Depth: *—* Bottom: *—* Sample: *—*

Wind: Direction, *—* Force, *—*

Sea: *—* Sky: *—*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|--------------------|-----------|----------------|
| <i>surf</i> | <i>S-4</i> | <i>15.05</i> | <i>21.1</i> | <i>-0.13</i> | <i>14.92</i> | <i>X</i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: *—* Transparency: *—*

REMARKS: *—* 11-5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Station 1149

Chart 1149

Location described as N 59° E (true)
dist. 18.0 mi.

Station No. *H16566* Date: *June 8* 191*6*

Hour: *4:30* P. M. to *-* . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|--------------------|-----------|----------------|
| <i>Surf</i> | <i>S-V 491</i> | <i>14.11</i> | <i>23.30</i> | <i>-0.15</i> | <i>13.96</i> | <i>X</i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Page No. W 13,3 DIS, 3
 of

Chart 1149

1st. long. in Martin d. base S 57° E (true)
 dist 2.1 mi.

Station No. *H6567* Date: *June 8* 191*6*

Hour: *6:30* P. M. to — . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|--------------------|-----------|----------------|
| <i>Surf</i> | <i>S-44</i> | <i>15.90</i> | <i>22.6</i> | <i>-0.1</i> | <i>15.80</i> | <i>X</i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
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Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

Station No. *H 6568* Date: *June 9* 191*6*

Hour: *5:20* A. M. to — . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| <i>Surf</i> | | — | — | — | — | X | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: _____ Transparency: _____

REMARKS: *Under way,
Thermometer did not register properly.
Rough*

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Psych. W. 12.7 D 13.8
8

Chart 1144

1 mi. S. of Pt. bears S 30° E (true) dist. 1.2 mi.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Psych. W 14.2 D 15.7
3

Chart 1149

Left Camp. target Coronado Id. bears $53\frac{1}{2}^{\circ}$ W (true)
dist. 5.2 mi.

All readings, surface temperatures
and psychrometer readings to here
M. Z. The instruments of
H. P. J.

Station No. *H 6570*Date: *June 11* 191*6*Hour: *6:45 P.* M. to *-* M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------|---------------|-----------------|--------------------|-----------|----------------|
| <i>Surf</i> | <i>S-V 429</i> | <i>14.7</i> | | <i>+0</i> | <i>14.7</i> | <i>X</i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: _____

Transparency: _____

REMARKS: _____

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11--5314

NOTES

~~12.1~~ D 15.1 81%
13.2

Chart 1149

because Pt. bears N 2 1/4 W (true) dist 13.6

Station No. H 6571 Date: June 20 1916

Hour: 6:30 A. M. to - M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|--------------------|-----------|----------------|
| <u>Surf</u> | <u>S-V 429</u> | <u>14.05</u> | <u>—</u> | <u>+0</u> | <u>14.05</u> | <u>X</u> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: _____ Transparency: _____

REMARKS: _____

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Depth $W + 2.1$
12.8

D 1.0

8.4 0/0

Chart 1193

St. Long. Cape San Quentin Course N 6.5° E (true)
Dist. 12.9

Station No. H 6572 Date: June 20 1916

Hour: 8:30 A . M. to — . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|--------------------|-----------|----------------|
| <u>Surf</u> | <u>S-V 479</u> | <u>13.35</u> | <u>—</u> | <u>+0</u> | <u>(56.1)</u> | <u>X</u> | |
| <u>"</u> | <u>Quip's Smith</u> | <u>13.40</u> | | | <u>13.40</u> | | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
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Color of water: _____ Transparency: _____

REMARKS: _____

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Psych. W ~~12.3~~ D 14.0 83%
12.4

Chart 1193
Baja Pt. bears N 88 E (true) dist. 12.4

Station No. *H 6573* Date: *June 20* 191*6*

Hour: *9:30* A.M. to *—* . M.

Position: Lat. *—* Long. *—*

Locality: *—*

Depth: *—* Bottom: *—* Sample: *—*

Wind: Direction, *—* Force, *—*

Sea: *—* Sky: *—*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------|---------------|-----------------|------------------------|-----------|----------------|
| <i>Surf</i> | <i>PTR 35755</i> | <i>11.3</i> | | <i>—</i> | <i>(57.1) 14.3</i> | | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
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Color of water: *—*

Transparency: *—*

REMARKS: *—*

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Psych. W ~~79.8~~
12.9

81%

Chart 1193

San Antonio Pt. bears S 81 E (true) dist 11.1

Station No. *H16574*Date: *June 20*191*6*Hour: *10:30* A . M. to —

. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------|---------------|-----------------|------------------------------|-----------|----------------|
| <i>Surf</i> | <i>PTR 35755</i> | <i>15.6</i> | | <i>—</i> | <i>15.6</i> <i>(60.1)</i> | <i>7</i> | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Psychri. W ~~13.4~~ 13.5 D 15.2 82%

Chart 1193

Wilmington Pt. across N 55 1/2 E (true) dist 1.26

Station No. *H 6575* Date: *June 20* 191*6*

Hour: *11:30* A. M. to *-* . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------|---------------|-----------------|------------------------|-----------|----------------|
| <i>Surf</i> | <i>PTR 85755</i> | <i>15.5</i> | | <i>-</i> | <i>(59.9) 15.5</i> | <i>✓</i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: _____ Transparency: _____

REMARKS: _____

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Sample 7112.11 21. 75%
13.5

Chart 1193

San Carlos Pt. near N 61 E (true) dist. 5.1

Station No. *H 6576* Date: *June 20* 191*6*

Hour: *12:30 P.* M. to *-* . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------|---------------|-----------------|----------------------|-------------|----------------|
| <i>Surf</i> | <i>PTR 35755</i> | <i>15.7</i> | | <i>-</i> | <i>(60) 15.7</i> | <i>></i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: _____ Transparency: _____

REMARKS: _____

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
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11-5314

NOTES

Temperature $\frac{14}{14.3}$ Drift = 72%

Chart 1143

San Carlos Pt. bears N37E (true) dist. = 2.8

Station No. *11657* Date: *June 20* 191*6*

Hour: *1:30* P. M. to *-* . M.

Position: Lat. *-* Long. *-*

Locality: *-*

Depth: *-* Bottom: *-* Sample: *-*

Wind: Direction, *-* Force, *-*

Sea: *-* Sky: *-*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|-------------------------|-----------|----------------|
| <i>Surf</i> | <i>PTR 35758</i> | <i>15.65</i> | | <i>-</i> | <i>(64.2) 17.95</i> | <i>X</i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
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Color of water: *-* Transparency: *-*

REMARKS: *-*

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Trig. ... *7.5 min* *216.0* *78%*
 13.8

(Chart 1193)

Long. 115-40-18 W

Lat 29-08-00 N

Station No. *H 6578* Date: *June 20* 191*6*

Hour: *7:30 P.* M. to *—* . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|-------------------------|-------------|----------------|
| <i>Surf</i> | <i>PR 35755</i> | <i>15.65</i> | | <i>—</i> | <i>(60.2) 15.65</i> | <i>></i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: _____ Transparency: _____

REMARKS: _____

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Psych. W ~~13.7~~ 13.8 D 16.0

78%

(Chart 1193)

Long. 115-36-25 W

Lat. 28-58-45 N

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Psych. W ~~+27~~ 13.8 D 16.6 73%

Chart 1193

Long. 115-32-30 W

Lat. 28-49-35 N

Station No. 6550

Date: 7/10/1916

Hour: 4:30 P.M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| Surf | PTK 35755 | 15.5 | | — | (59.9) 15.5 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: Transparency:

REMARKS:

Station No. *H 6580* Date: *June 20* 191*6*

Hour: *4:30 P* . M. to *-* . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------|---------------|-----------------|------------------------|-----------|----------------|
| <i>Surf</i> | <i>PTR 35755</i> | <i>15.5</i> | | <i>-</i> | <i>(59.9) 15.5</i> | <i>X</i> | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
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Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

Psych. W ~~13.7~~ DIS, 1 80%
13.3

Chart 1193

Long. 115-30-30 W

Lat. 28 31 N N

Station No. H 65 62

Date:) 1916

1916

Hour: 6:45 P . M. to - . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| Surf | PTR 35755 | 14.3 | | — | (5%) 14.3 | λ | |
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CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
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Color of water: Transparency:

REMARKS:

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |

11-5314

NOTES

~~12.9~~ D 11.5 81%

(Chart 1193)

Long. 115-30-00 W

Lat. 28-18-15 N

Station No. H. 6583-a

Date: June 21

1916

Hour: 1:11:00 P. M. to 1:47:45 P. M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: 19 fath Bottom: _____ Sample: _____

Wind: Direction, N.W. x W. Force, 2

Sea: S. Sky: Overcast to bc. 9

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| | | 15.4° | | | (57.7) | | |
| | PTR 35765 | 15.4° | | — | 15.4° | | |
| | NZ 16588 | 14.3 | 16.2° | -0.1 | 14.2° | | |
| | " 16589 | 14.3° | 16.2° | 0.1 | 14.2° | | |
| | NZ 165871 | #1 | XX | | | | |
| | Rtr 37572 | #2 | XX | | | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|--|------|------|--------------------------|-------------|-------|-----------|
| 30 meters | | | 1:21:05 UP 1:47:45 | | | |
| Eckman current meter attached be- neath lower net | | | | | | |

Color of water: Slate

Transparency: _____

REMARKS: _____

11-5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|--------------------------------------|------------|-----------|----------|-------|
| | | Down | Up | |
| Special Shrimp Apparatus | 10 fathoms | 11:21:05 | 11:37:00 | |
| | | *11:36:05 | | |
| Special Shrimp XX Apparatus | 30 fathoms | 11:37:00 | 11:47:00 | |
| | | *11:36:05 | | |
| at anchor, small dredg- ing engd. | | | | |

11-5314

NOTES

* messenger sent down.
 XX messenger failed to come up with net
 thermometer

Logbook 1194

Chart 1194

1st. long. east Benito Is. bears S 69 E (true)
 dist. 1.4 mi.

2d. long. middle Benito Is. bears N 37 1/2 E (true)
 dist. 0.6 mi.

(This position is the same for all obser-
 vations numbered 1194-13)

Station No. *116553-6* Date: *June 21* 191*6*

Hour: *2:22:00 P.M.* to *2:43:20 P.M.*

Position: Lat. _____ Long. _____

Locality: *San Benito Id., Mexico*

Depth: *19 fath* Bottom: _____ Sample: _____

Wind: Direction, *N.W. x W.* Force, *2*

Sea: *S* Sky: *bc. g to overcast.*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|--------------|------------------------------|--------------|---------------|-----------------|---------------------------|-----------|----------------|
| | | <i>Surf</i> | <i>Surf</i> | | | | |
| | <i>RTR # 35758</i> | <i>15.15</i> | | <i>—</i> | <i>(157.25) 15.15</i> | | |
| <i>10 M.</i> | <i># 1 NZ 165865</i> | <i>14.5°</i> | <i>16.0°</i> | <i>-0.1</i> | <i>14.4</i> | | |
| | <i># 2 NZ 165869</i> | <i>14.5°</i> | <i>16.0°</i> | <i>-0.1</i> | <i>14.4</i> | | |
| <i>30 M.</i> | <i># 1 NZ 165871</i> | <i>13.9°</i> | <i>15.1°</i> | <i>-0.1</i> | <i>13.8</i> | | |
| | <i># 2 RTR 37572</i> | <i>13.7</i> | <i>14.5</i> | <i>0.0</i> | <i>13.7</i> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: _____ Transparency: _____

REMARKS: *VV* 11-5314

Record 8: 2:43:20

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------------------|------------|------|------|-------|
| | | Down | Up | |
| Serial Towing Apparatus | 10 fathoms | 2:00 | 2:15 | |
| Serial Towing Apparatus | 30 fathoms | 2:15 | 2:45 | |

11-5314

NOTES

Haul taken in 30 fathoms, dredging engine.

X messengers sent down.

2:37 pm Depth 11 26 17.3 68%

~~Serial Towing Apparatus~~

Station No. *H 5558-C* Date: *June 21* 191*6*

Hour: M. to M.

Position: Lat. Long.

Locality: *San Vicente Id., Mexico*

Depth: *17 fath* Bottom: Sample:

Wind: Direction, *SE* Force, *2*

Sea: *S* Sky: *Overcast*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|---------------|---------------|-----------------|--------------------|-----------|----------------|
| | | <i>Rev.</i> | <i>and</i> | | <i>15.00</i> | | |
| <i>Surf</i> | <i>PTR #36754</i> | <i>15.15°</i> | | <i>-</i> | <i>15.15</i> | | |
| | <i>#1</i> | <i>14.1°</i> | <i>15.5°</i> | <i>-0.05</i> | <i>14.55</i> | | |
| | <i>#2</i> | <i>14.6°</i> | <i>15.6°</i> | <i>-0.05</i> | <i>14.55</i> | | |
| <i>3076</i> | <i>#1</i> | <i>13.9°</i> | <i>14.5°</i> | <i>-0.1</i> | <i>13.8</i> | | |
| | <i>#2</i> | <i>13.7°</i> | <i>15.5°</i> | <i>0</i> | <i>13.7</i> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: *white* Transparency: *100%*

REMARKS:

San Vicente Id., Mexico

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-----------------------------|-------|-----------|------|-------|
| | | Down | Up | |
| Serial Closing Apparatus | 100 | 3:07 | 3:21 | |
| | | X 3:15 40 | | |
| Serial Closing Apparatus | 300 | 3:07 | 3:21 | |
| | | X 3:15 40 | | |

11-5314

NOTES

haul taken while at anchor,
~~and~~
 X messengers sent down.

13.4

72%0

Station No. *653-d* Date: *1914* 1914

Hour: *3:42:40 P.M.* to *4:05* . M.

Position: Lat. _____ Long. _____

Locality: *Off Cape Cod, N. Atlantic*

Depth: *19 fath.* Bottom: _____ Sample: _____

Wind: Direction, *NE x N.* Force, *2*

Sea: *S* Sky: *Overcast*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|----------------|------------------------------|-----------------|---------------|-----------------|-------------------------------|-----------|----------------|
| | | <i>14.95</i> | | | <i>(56.9)</i> <i>14.95</i> | | |
| <i>Surf.</i> | <i>PTK 35755</i> | <i>14.95</i> | | <i>—</i> | <i>14.95</i> | | |
| <i>1-2 m.</i> | <i>N2 165861</i> | <i>#1 14.5°</i> | <i>15.0°</i> | <i>-.05</i> | <i>(54.1)</i> <i>14.45</i> | | |
| | <i>" 165869</i> | <i>#2 —</i> | <i>—</i> | | <i>(55.0)</i> | | |
| <i>30.7 m.</i> | <i>N2 165871</i> | <i>#1 13.9°</i> | <i>15.0°</i> | <i>-0.1</i> | <i>13.8</i> | | |
| | <i>PTK PTK 37512</i> | <i>#2 13.7</i> | <i>14.6</i> | <i>0</i> | <i>13.7</i> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

Color of water: *slate grey* Transparency: *10 meters or less*
visibility

REMARKS: *VH* 11-5314

Under: R. B. Long

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|----------------|------------|-------------|----------------|-------|
| | | Down | Up | |
| <i>100 fms</i> | <i>100</i> | <i>3:41</i> | <i>4:05:00</i> | |
| <i>200 fms</i> | <i>200</i> | <i>3:57</i> | | |
| <i>300 fms</i> | <i>300</i> | <i>4:13</i> | | |
| <i>400 fms</i> | <i>400</i> | <i>4:29</i> | | |

11-5314

NOTES

*Have been using a small dredging engine
x Disc...*

12.5 5.65 72%

Station No. 6583-2 Date: June 21 1916

Hour: 4:16 M. to 4:38 P. M.

Position: Lat. _____ Long. _____

Locality: Off Point Barlow, Va.

Depth: 19 fath Bottom: _____ Sample: _____

Wind: Direction, _____ Force, 2

Sea: 1 Sky: Overcast

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------------|---------------|-----------------|-------------------------------|-----------|----------------|
| <u>Surf</u> | <u>Pt 35755</u> | <u>Raw: 14.95</u> | <u>Amp.</u> | <u>-</u> | <u>(58.9)</u> <u>14.95</u> | | |
| <u>10 m</u> | | <u>14.7</u> | <u>15.0</u> | <u>-0.05</u> | <u>14.65</u> | | |
| <u>20 m</u> | | <u>14.0</u> | <u>15.0</u> | <u>-0.1</u> | <u>13.9</u> | | |
| | | <u>13.8</u> | <u>14.5</u> | <u>0</u> | <u>13.8</u> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: gy Transparency: _____

REMARKS: _____

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|--------------------------------|-----------|-------------|-------------|-------|
| | | Down | Up | |
| <i>Serial Towing Apparatus</i> | | <i>4:31</i> | <i>4:50</i> | |
| <i>Serial Towing Apparatus</i> | <i>30</i> | <i>4:31</i> | <i>4:51</i> | |

11-5314

NOTES

How slow it went down.

13.5

68%

Station No. 6583-f Date: June 21 1916

Hour: 4.49 P.M. to 5.10 P.M.

Position: Lat. _____ Long. _____

Locality: Off V. R. 40. 11

Depth: 19.5m Bottom: _____ Sample: _____

Wind: Direction, _____ Force, 2

Sea: 8 Sky: 0' over

TEMPERATURES

| Depth | Thermometer - Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|-------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| | | | | | (58.2) | | |
| | | | | | 14.92 | | |
| | | | | | (57.83) | | |
| | | | 15.0 | -0.05 | 14.35 | | |
| | #2 | | | | | | |
| 30-74 | #1 | 13.9 | 15.0 | -0.1 | 13.80 | | |
| | | | | +0.03 | 13.75 | | |
| | | | | | (56.90) | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: Gray Transparency: _____

REMARKS: _____

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|------|-------|
| | | Down | Up | |
| | 1070 | 4:00 | 5:00 | |
| | 1070 | 4:00 | 5:00 | |

11-5314

NOTES

Time ... 5:00
 11 73.0 Dis. 0 73%
 13.1

Station No. 6583-9 Date: June 21 1916

Hour: 5:20 P.M. to 6:47 P.M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: 19.5m Bottom: _____ Sample: _____

Wind: Direction, _____ Force, 2

Sea: 2 Sky: 0' over

TEMPERATURES

| Depth | Thermometer - Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|-------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| Surf | PT 35755 | 14.8 | 14.1 | - | 14.8 (58.64) | | |
| 1-7m | #1 | 14.6 | 14.5 | -0.15 | 14.5 | | |
| | #2 | 14.7 | 14.6 | -0.1 | 14.0 | | |
| 2-7m | #1 | 13.9 | 14.5 | +0.05 | 13.95 | | |
| | #2 | | | | | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |
| | | | | | | |

Color of water: Dirty Transparency: _____

REMARKS: _____

LOW Blaker Recd.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |
| | | 5.20 | | |
| | | 5.35 | | |
| | | 5.50 | | |
| | | 6.05 | | |

11-5314

NOTES

[Faint handwritten notes, possibly describing net types or depths]

5.35
5.50

Integration 11 ~~13.5~~ 70%

Station No. 2582- Date: 1916

Hour: 6.55 P. M. to 7.17 P. M.

Position: Lat. Long.

Locality: San Benito Id - Mex

Depth: 19.3 m Bottom: Sample:

Wind: Direction, Force,

Sea: a Sky: V cald V

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| Surf | Pt. 35755 | 14.8 | air | - | (58.6) 14.8 | | |
| 10-m | #1 | 14.6 | 14.6 | -0.05 | 14.55 | | |
| | #2 | - | - | | | | |
| 50-m | #1 | 14.5 | 14.8 | -0.1 | 14.4 | | |
| | #2 | 14.3 | 14.3 | +0.05 | 14.35 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: Dred Transparency:

REMARKS:

- 100 fathoms
O.C. 1916

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|------|-------|
| | | Down | Up | |
| | | 7.21 | 7.27 | |
| | 10.75 | 7.55 | | |
| | | 7.10 | 7.11 | |
| | | 7.55 | | |
| | | 7.10 | 7.17 | |

11-5314

NOTES

[Faint handwritten notes, mostly illegible]

11 ~~7.21~~ 12.5 D 154 72%

Station No. 6583-i Date: June 21 1916

Hour: 7.28 P. M. to 7.49 P. M.

Position: Lat. _____ Long. _____

Locality: San Benito Id.

Depth: 19-3m Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: 2 Sky: 0' cast

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|--------------|------------------------------|-------------|---------------|-----------------|--------------------|-----------|----------------|
| | | <u>Raw</u> | <u>air</u> | | | | |
| | <u>P17 11100</u> | <u>14.7</u> | | <u>-</u> | <u>14.7</u> | | |
| <u>10-7m</u> | <u>#1</u> | <u>14.6</u> | <u>14.5</u> | <u>-0.05</u> | <u>14.55</u> | | |
| | <u>#2</u> | <u>-</u> | <u>-</u> | | | | |
| | <u>-</u> | <u>14.5</u> | <u>14.5</u> | <u>-0.1</u> | <u>14.40</u> | | |
| | <u>#2</u> | <u>14.3</u> | <u>14.4</u> | <u>+0.05</u> | <u>14.35</u> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: gray Transparency: _____

REMARKS: _____

(Faint handwritten notes)

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|------|-------|
| | | Down | Up | |
| | | 7:28 | 7:44 | |
| | | 7:28 | 7:49 | |

11-5311

NOTES

11 2100 74%
 12.7

Station No. 6583-j Date: June 21 1916

Hour: 8:00 P. M. to 8:45 V. M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: 19.3m Bottom: _____ Sample: _____

Wind: Direction, WNW Force, 1

Sea: S Sky: hazy

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| | | REV | | | | | |
| Surf | P. 1000 | 14.56 | | | 14.56 | | |
| 10 | | 14.7 | 14.3 | -0.05 | 14.65 | | |
| 20 | | 14.5 | 14.7 | -0.1 | 14.40 | | |
| 30 | | 14.3 | 14.3 | +0.05 | 14.35 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: Gray Transparency: _____

REMARKS:

Handwritten notes and signatures at the bottom of the page.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|--------------------------|-------|------|------|-------|
| | | Down | Up | |
| Serial closing apparatus | 10-7m | 8:00 | 8:45 | |
| Serial closing apparatus | 30-7m | 8:10 | 8:30 | |

11-5314

NOTES

Haul taken at anchor
small dredging machine

" " " " " " - 8:00
" " " " " " - 8:15

12.6 74 1/2

Station No. H 6583 K Date: June 21 1916

Hour: : 1/2 M. to 6 M.

Position: Lat. _____ Long. _____

Locality: San Benito Id., Mex.

Depth: 19 Fms Bottom: _____ Sample: _____

Wind: Direction, WNW Force, 1

Sea: C Sky: bca 9

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. (Fux) | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|------------------------------|---------|------------------------|-----------------|--------------------|-----------|----------------|
| Surf. | PK 35755 | 14.55 | | — | (58.2) 14.55 | | |
| 10m | 1 | 14.6 | 14.3 | -0.05 | 14.55 | | |
| | 2 | — | — | | | | |
| 30m | 1 | 14.4 | | -0.1 | 14.30 | | |
| | 2 | 14.2 | | +0.05 | 14.25 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water:

Transparency:

REMARKS:

11-5314

U. S. T. Util. - Recd.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|----------------------------------|-------|------|------|-------|
| | | Down | Up | |
| Serial Closing <i>(faded)</i> | 10m | 8:45 | 8:45 | |
| Serial Closing Apparatus | 30m | 8:30 | 8:55 | |

11-5314

NOTES

Haul taken at anchor.
Small dredging machine.

Time messenger down 8:30 pm.
" " " " 8:45 "

~~12.3~~
12.3

75%

Station No. *7593* Date: *Jan 21* 191*6*

Hour: *9:00 P.M.* to *9:21 P.M.*

Position: Lat. _____ Long. _____

Locality: *San Benito Id., Mexico*

Depth: *19 fms* Bottom: _____ Sample: _____

Wind: Direction, *WNW* Force, *1*

Sea: *S* Sky: *02 10*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|-------------|---------------|-----------------|-----------------------|-----------|----------------|
| <i>Surf</i> | <i>Rtr 35755</i> | <i>14.6</i> | | <i>-</i> | <i>158.3 14.6</i> | | |
| <i>10m</i> | <i>#1</i> | <i>14.7</i> | <i>14.3</i> | <i>-0.05</i> | <i>14.65</i> | | |
| | <i>#2</i> | <i>-</i> | <i>-</i> | | | | |
| <i>30m</i> | <i>#1</i> | <i>14.1</i> | <i>14.5</i> | <i>-0.1</i> | <i>14.00</i> | | |
| | <i>#2</i> | <i>13.9</i> | <i>14.7</i> | <i>+0.05</i> | <i>13.95</i> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water:

Transparency:

REMARKS:

11-5314

V. A. Whit - Road

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------------|-------------|--------------|-------|
| | | Down | Up | |
| <i>100m</i> | <i>100m</i> | <i>9:20</i> | <i>9:50</i> | |
| <i>200m</i> | <i>200m</i> | <i>9:50</i> | <i>10:20</i> | |

11-5314

NOTES

*Haul taken at anchor;
Small dredging machine.*

11 ~~11~~ 12.5 3.5.3 72%

Station No. *1111* Date: *June 1916* 1916

Hour: *9:31 P.M.* to *9:54 P.M.*

Position: Lat. _____ Long. _____

Locality: *Point Id. Mo.*

Depth: *19 fms.* Bottom: _____ Sample: _____

Wind: Direction, *WNW* Force, *1*

Sea: *S* Sky: *03 10*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|--------------|------------------------------|-------------|---------------|-----------------|--------------------|-----------|----------------|
| <i>Surf.</i> | <i>PT 35755</i> | <i>14.6</i> | | <i>—</i> | <i>14.6</i> | | |
| <i>10m</i> | <i># 1</i> | <i>14.7</i> | <i>14.5</i> | <i>-0.05</i> | <i>14.65</i> | | |
| <i>20m</i> | <i># 1</i> | <i>14.3</i> | <i>14.5</i> | <i>-0.1</i> | <i>14.30</i> | | |
| | <i># 2</i> | <i>14.4</i> | <i>14.5</i> | <i>+0.05</i> | <i>14.45</i> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |
| | | | | | | |

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

V. J. ...

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---------------------------------|-------|------|------|-------|
| | | Down | Up | |
| <i>Serial Closing Apparatus</i> | 10m | 9:31 | 9:46 | |
| <i>Serial Closing Apparatus</i> | 30m | 9:31 | 9:52 | |

11-5314

NOTES

*Hand taken at anchor;
Small dredging machine.*

*9:31
9:46*

12.8

74%

Station No. 25602 Date: Jan 191

Hour: 10:00:50 P.M. to 10:20:15 P.M.

Position: Lat. _____ Long. _____

Locality: San Pedro T.T. Mar

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, WNW Force, 2

Sea: S Sky: 03 10

TEMPERATURES

| Depth | Thermometer - Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------|-------------------------------|---------|---------------|-----------------|--------------------|-----------|----------------|
| Surf. | PTK 35755 | 14.75 | | - | (58.4) 14.75 | | |
| 10m | #1 | 14.8 | 14.5 | +0.05 | 14.75 | | |
| | #2 | - | - | | | | |
| 30m | #1 | 14.2 | 14.7 | -0.1 | 14.10 | | |
| | #2 | 14.0 | 14.5 | +0.05 | 14.05 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: _____ Transparency: _____

REMARKS: Spent oil -
Recd.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|--------------------------|-------|----------|----------|----------|
| | | Down | Up | |
| Apparatus | 10m | 10:00:50 | 10:15:50 | 10:16:00 |
| Serial Closing Apparatus | 30m | 10:00:50 | 10:15:50 | |

11-5314

NOTES

Haul taken at anchor.
Small dredging machine.

Time messenger down 10:00:50
" " " " 10:15:50

Psych. W $\frac{17.6}{12.7}$ DIS. 2 75%

Station No. 51-182

Date: June 2 191

191

Hour: 10:28:50 P.M. to 10:48 P.M.

Position: Lat. Long.

Locality: San Benito Id. Tex

Depth: Bottom: Sample:

Wind: Direction, KVVVV Force, 2

Sea: S Sky: 03 10

TEMPERATURES

| Depth | Thermometer Make and No. | Reading | Stem Temp. | Correc-tion | Corrected Temp. | W. Sample | Bottle used |
|-------|--------------------------|---------|------------|-------------|-----------------|-----------|-------------|
| Surf. | PT 35755 | 14.8 | | - | (58.6) 14.8 | | |
| 10m | # 1 | 14.8 | 14.5 | 0.05 | 14.75 | | |
| 20m | " 1 | 17.0 | 14.0 | -0.1 | 13.80 | | |
| | " # 2 | 13.8 | 14.0 | +0.05 | 13.85 | | |
| | " | | | | | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |
| | | | | | | |

Color of water: Transparency:

REMARKS:

Reed.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|----------|----------|-------|
| | | Down | Up | |
| Apparatus | 10 m. | 10:28:50 | 10:43:30 | |
| | | 10:43:50 | 10:58:00 | |

11-5314

NOTES

12.7

75%

Station No. 75 6500 Date: 7 191

Hour: 10:55 P. M. to 11:15 P. M.

Position: Lat. _____ Long. _____

Locality: So. 12. 4. 5. 2

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, WNW Force, 2

Sea: S Sky: 03 10

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|--------------------|-----------|----------------|
| <u>Surf</u> | <u>PT 35755</u> | <u>14.81</u> | | <u>-</u> | <u>14.81</u> | | |
| <u>100m</u> | <u>41</u> | <u>14.8</u> | <u>14.5</u> | <u>-0.05</u> | <u>14.75</u> | | |
| | <u>42</u> | <u>—</u> | <u>—</u> | | | | |
| | <u>41</u> | <u>14.5</u> | <u>14.7</u> | <u>-0.1</u> | <u>14.40</u> | | |
| | <u>42</u> | <u>14.5</u> | <u>14.5</u> | <u>+0.05</u> | <u>14.55</u> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

V. Arritil -

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|------------------|-------|--------------|--------------|-------|
| | | Down | Up | |
| <i>Small ...</i> | 1000 | <i>11:00</i> | <i>11:30</i> | |
| <i>Large ...</i> | | | | |

11-5314

NOTES

[Faint handwritten notes]

Temperature 11.1 *Depth* 12.6 *Speed* $74 \frac{1}{2}$

Station No. *H 6500* Date: *1-21-1911*

Hour: *11:24 P.M.* to *11:44 P.M.*

Position: Lat. _____ Long. _____

Locality: *San Benito Id., Mexico.*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *WNW* Force, *2*

Sea: *S* Sky: *02 10*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|--------------|------------------------------|-------------|---------------|-----------------|------------------------------|-----------|----------------|
| <i>Surf.</i> | <i>PT 35755</i> | <i>14.9</i> | | <i>—</i> | <i>(58.8)</i> <i>14.9</i> | | |
| <i>100m</i> | <i>#1.</i> | <i>14.7</i> | <i>14.2</i> | <i>-0.05</i> | <i>14.65</i> | | |
| | <i>#2.</i> | <i>—</i> | <i>—</i> | | | | |
| | | | <i>14.7</i> | <i>-0.1</i> | <i>14.30</i> | | |
| | <i>#2.</i> | <i>14.7</i> | <i>14.7</i> | <i>+0.05</i> | <i>14.25</i> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: _____ Transparency: _____

REMARKS:

T. P. ...
Road.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------------|-------------|--------------|-------|
| | | Down | Up | |
| <i>100m</i> | <i>100m</i> | <i>11:2</i> | <i>11:30</i> | |
| | | | | |
| | | | | |
| | | | | |

11-5314

NOTES

12.6

74/10

Station No. *H. 6583* Date: *June 21* } *June 22* } 191*6*

Hour: *11:57 P.M.* to *12:14 A.M.*

Position: Lat. _____ Long. _____

Locality: *S. A. + 17 N.*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *WNW* Force, *2*

Sea: *S* Sky: *03 10*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|--------------|------------------------------|-------------|---------------|-----------------|--------------------|-----------|----------------|
| <i>300m</i> | <i>P</i> | <i>14.9</i> | | | <i>14.9</i> | | |
| <i>1000m</i> | <i>#1.</i> | <i>14.9</i> | <i>14.5</i> | <i>-0.05</i> | <i>14.85</i> | | |
| | <i>#2.</i> | <i>—</i> | <i>—</i> | | | | |
| <i>2000m</i> | <i>#1.</i> | <i>14.2</i> | <i>14.2</i> | <i>-0.1</i> | <i>14.20</i> | | |
| | <i>#2.</i> | <i>14.2</i> | <i>14.0</i> | <i>+0.05</i> | <i>14.25</i> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |

Color of water: _____ Transparency: _____

REMARKS: _____

V. Attili

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|-------------|-------|------|----|-------|
| | | Down | Up | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

11-5314

NOTES

[Faint, illegible handwritten notes]

12.16 75%

Station No. *H 6583-S*Date: *June 22* 191*6*

Hour: . M. to . M.

Position: Lat. _____

Long. _____

Locality: *San Benito Id., Mexico*

Depth: _____

Bottom: *M.S.*

Sample: _____

Wind: Direction, *N.N.W.*Force, *2*Sea: *2*Sky: *bc .8 to 9*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|--------------|------------------------------|-------------|---------------|-----------------|--------------------|-----------|----------------|
| <i>Sur.</i> | <i>1</i> | | | | | | |
| <i>10 m.</i> | <i># 1</i> | <i>15.5</i> | <i>16.0</i> | <i>-0.05</i> | <i>15.45</i> | | |
| | <i># 2</i> | <i>—</i> | <i>—</i> | | | | |
| <i>30 m.</i> | <i># 1</i> | <i>15.1</i> | <i>16.0</i> | <i>-0.1</i> | <i>15.0</i> | | |
| | <i># 2</i> | <i>14.9</i> | <i>15.4</i> | <i>+0.05</i> | <i>14.95</i> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Color of water: _____

Transparency: _____

REMARKS: _____

11-5314

*C. E. DeLong
Recorder*

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|--------------------------|--------------------|----------------------|---------|-------|
| | | Down | Up | |
| Serial Closing Apparatus | 10 m. ^x | 1:47:00 | 2:27:00 | |
| | | ^x 2:02:00 | | |
| Serial Closing Apparatus | 30 m. ^x | 1:47:00 | 2:27:00 | |
| | | ^x 2:02:00 | | |

11-5314

NOTES

Ship anchored
 Small dredging engine
 X messenger sent down

No psychrometer reading

Station No. *H 6053-t* Date: *June 22 1916*

Hour: . M. to . M.

Position: Lat. Long.

Locality: *San Benito Id, Mexico*

Depth: *2700* Bottom: Sample:

Wind: Direction, *19 fath* Force, *2*

Sea: *S* Sky: *bce*

TEMPERATURES

| Depth | Thermometer— Make and No. | Reading | Stem Temp. | Correc- tion | Corrected Temp. | W. Sample | Bottle used |
|-------------|------------------------------|--------------|---------------|-----------------|------------------------|-----------|----------------|
| <i>Surf</i> | <i>Pt 35755</i> | <i>16.0°</i> | | <i>-</i> | <i>(60.8) 16.0</i> | | |
| <i>10 M</i> | <i>#1</i> | <i>15.4°</i> | <i>16.5°</i> | <i>-0.1</i> | <i>15.3°</i> | | |
| | <i>#2</i> | <i>—</i> | <i>—</i> | | | | |
| <i>20 M</i> | <i>#1</i> | <i>15.2</i> | <i>16.2</i> | <i>-0.1</i> | <i>15.1°</i> | | |
| | <i>#2</i> | <i>15.0</i> | <i>15.2</i> | <i>+0.05</i> | <i>15.05</i> | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|-------|------|------|-----------|-------------|-------|-----------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| | | | | | | |

Color of water: Transparency:

REMARKS:

*C. B. Long
Receiver*

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|--------------------------|-------|--------|------|-------|
| | | Down | Up | |
| Serial Closing apparatus | 10 m | 2:49 | 3:11 | |
| | | X 3:04 | | |
| Serial Closing apparatus | 20 m | 2:49 | 3:11 | |
| | | X 3:04 | | |

11-5314

NOTES

Ship anchored
 Small dredging engine
 * messengers sent down

Psych. W ~~14.7~~ 14.8 D 17.4 76%

Psychrometer readings checked - F.P.D.