

H 6454

to

6503

1916
SCOTT'S

Station No. *H 6454*Date: *May 3 1916* 191Hour: *2:30 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-299523</i>	<i>75.5</i>		<i>-0.3</i>	^{<i>24.00</i>} <i>75.2</i>	<i>Water Surf merely collected</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____

Transparency: _____

REMARKS: *Under way
Rough*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych W 19.8 D 23.7
19.9

Chart 1006

Long. 111° 15' 00" W

Lat. 18° 37' 00" N

Station No. *H 6455* Date: *May 3, 1916* 191

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-298523</i>	<i>75.0</i>		<i>-0.3</i>	<i>74.7</i> <i>23.72</i>	<i>X</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*
Ranch

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W + 9.7 D 23.1
 19.8

Chart 1006

Long. 110° 50' 00" W
 Lat. 18° 40' 00" N

Station No. *H 6456* Date: *May 3, 1916* 191

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>N-2 98523</i>	<i>75.8</i>		<i>-0.3</i>	<i>75.5</i> <small><i>24.17</i></small>	<i>^</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *Under way
Rough*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W 79.4 D 73.1
 19.5

Chart 1006

Long. $110^{\circ} 50' 00''$ W
 Lat. $19^{\circ} 1' 40''$ N

Station No. *H 6457* Date: *May 14* 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>T. 21198523</i>	<i>74.0</i>	<i>—</i>	<i>-0.3</i>	<i>73.7</i> <i>23.17</i>	<i>X</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *Under way
Shoer*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer w. ~~18.5~~ 18.6 D 91.3°

Chart 1006

Long 111° 4' 10" W
 Lat 20° 42' 00" N

Station No. *H 6458* Date: *May 4* 191*6*

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
<i>surf.</i>	<i>712#98523</i>	<i>72.1</i>		<i>-0.3</i>	<i>22.11</i> <i>71.8</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *Under way
drafter*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W 19.2° D. 21.8°
 19.3

Chart 1006

Long. $111^\circ 11' 40''$ W
 Lat $21^\circ 7' 30''$ N

Station No. *H 6459*Date: *May 4 1916*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>11298523</i>	<i>73.0°</i>	<i>—</i>	<i>-0.3</i>	<i>72.7</i> <i>22.61</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

*Under way
Shafer*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. 19.0° D. 21.0°
 19.1

Chart 1006

Long. 111° 16' 00" W
 Lat. 21° 22' 30" N

Station No. *H 6460* Date: *May 4 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
<i>Surf.</i>	<i>71298523</i>	<i>69.0°</i>	<i>—</i>	<i>-0.3</i>	<i>20.37 68.7</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *Under way
Shaper*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W 19.5° D 22.4°
19.6

Chart 1006

Long. $111^\circ 21' 15''$ W
Lat. $21^\circ 41' 00''$ N

Station No. *H 6461* Date: *may 4* 191*6*

Hour: *2:30 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>71298523</i>	<i>69.0°</i>	<i>—</i>	<i>-0.3</i>	<i>20.39</i> <i>68.7</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *under way*
shoper

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. $\frac{19.7}{19.8}$ D 22.5°

Chart 1006

Long. $111^\circ 27' 30''$ W
 Lat. $21^\circ 57' 30''$ N

Station No. H 6462

Date: May 4 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.	7298523	71.0°	—	-0.3	21.50 70.7	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

Under way
Shaper

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometers W 19.6 D. 22.2°
19.7

Chart 1006

Long. 111° 32' 45" W
Lat. 22° 16' 20" N

Cape San Lucas bears N 68 E (true) dist. 96.0 mi.

Station No. *H 6463* Date: *may 4* 191*7*

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>n29852 B</i>	<i>70.4°</i>	—	<i>-0.3</i>	<i>21.17 70.1</i>	<i>X</i>	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *Under way
Shaper*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer w. ~~19.2~~ D. 21.5
19.3

Chart 1006

Long. $111^{\circ} 36' 40''$ W
LAT. $22^{\circ} 33' 45''$ N

Cap. San Lucas bears N 79 E (true) dist. 96.0 mi.

Station No. *H 6464* Date: *May 5* 191*6*Hour: *9:51:00* A. M. to . M.

Position: Lat. Long.

Locality: *Magdalena Bay.*Depth: *31 metres* Bottom: *Co gy S; sh.* Sample:Wind: Direction, *N.W.* Force, *2-3*Sea: *S* Sky: *bc*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Sur.</i>		<i>60.5</i>					
<i>5 M.</i>		<i>R: 60.0</i>	<i>R: —</i>				<i>#2</i>
		<i>L: 60.2</i>	<i>L: —</i>				<i>Eck.</i>
<i>10 M.</i>		<i>R: 56.2</i>	<i>R: —</i>				<i>#5</i>
		<i>L: 56.3</i>	<i>L: —</i>				<i>Eck.</i>
<i>15 M.</i>		<i>R: 12.94</i>	<i>R: 14.8</i>				<i>#4</i>
		<i>L: 9.3</i>	<i>L: 14.9</i>				<i>Eck.</i>
<i>20 M.</i>		<i>R: 12.89</i>	<i>R: 14.80</i>	<i>-.04</i>			<i>#1</i>
		<i>L: 12.83</i>	<i>L: 15.0</i>	<i>+.06</i>			<i>Eck.</i>
<i>25 M.</i>		<i>R: 12.8</i>	<i>R: 15.3</i>				<i>#3</i>
		<i>L: 12.81</i>	<i>L: 15.2</i>				<i>Eck.</i>
<i>Down</i>		<i>10:06:45 am</i>					
<i>Up</i>		<i>10:15:30 am</i>					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

C. E. Long.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

~~Lounding Mach: Elect. (aft)
 35th ship, Ligbee water bottle.
 Down. Up.
 9:51:20 9:52:10
 9:51:30 9:51:45~~

Station No. *H6464*

Date: *May 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>n2 98523</i>	<i>65.6°</i>	<i>—</i>	<i>-0.3</i>	<i>65.3</i> <i>8.5°</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

*Ship under way
shaper*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometers W. ~~15.9~~ 16.0 D. 17.2

Chart 1006

Long. 112° 6' 45" W
Lat. 24 13 20 N

Entrada Pt (Magdalena Bay) bears N 9 E (true)
dist. 20 mi.

Station No. *H16465* Date: *May 5* 191*6*

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
<i>surf</i>	<i>n298523</i>	<i>61.0°</i>	—	<i>-0.3</i>	<i>60.7</i> ^{<i>15-95</i>}	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

*under way
Shaper*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
		17:30	18:45	

11-5314

NOTES

Psychrometer w. 16.0 TD 18.2
16.1

Chart 1636

Redondo Pt. bears N 31 E (true) dist. 3.7 mi.

Station No. H6466

Date: May 5 - 1916

Hour: 9:57:00 A.M. to 10:45:00 A.M.

Position: Lat.

Long.

Locality: Magdalena Bay

Depth: 31 Meters Bottom: *Co. gy. L. sh.* Sample:

Wind: Direction, N.W. Force, 2-3

Sea: *S*Sky: *bc*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	N2 98523	60.5		-3	^{15.67} 60.2	X	
5 M.	N-298760	R: 60.0	—	-5	^{15.75} 59.5	X	#2
	N2 71738	L 60.2	—	-6	^{15.73} 59.6		Eck
10 M	N-298756	R 56.2	—	-5	^{15.22} 55.7	X	#5
	N-262855	L 56.3	—	-9	^{15.30} 55.4		Eck
15 M	S-V 496	R 12.94	R 14.8	-1.86	13.09	X	#4
	S-V 494	L 9.3	L 14.9	0	9.3		Eck
20 M	S-V 805	R 12.89	R 14.8	-0.04	12.95	X	#1
	R 150	L 12.83	L 15.0	+0.06	12.99		Eck
25 M	S-V 497	R 12.8	R 15.3	+0.05	12.95	X	#3
	S-V 493	L 12.81	L 15.2				Eck
	<i>Down</i>	10:06:45					A.M.
	<i>Up</i>	10:18:30					A.M.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

31 meters = 17.5 fms (approx)
Revised

O. E. Long

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
# 4' Inter, #12 #20 out Diagonal haul 25 meters	Cable	10:30	10:45	-

11-5314

NOTES

Sounding Mach: Elect (aft)

Down

9:51:20 am

9:57:30 "

Up

9:52:10 am

9:51:45 am.

10¹⁰ a.m. Psychrometer W. 17.1 D. 18.2°
17.212³⁰ p.m. Psychrometer W. 16.7^{16.8} D. 19.2
Surf. temp. (N.Z. #98523) 62.1° $\text{corr} = .3$
~~Water sample taken~~ 61.8°
16.564³⁰ p.m. Psychrometer W. 17.1^{17.2} D. 19.7
Surface temp. (N.Z. #98523) 62.7° $\text{corr} = .3$
Water sample taken 62.4°
16.896³⁰ p.m. Psychrometer W. 16.7^{16.7} D. 19.2°
Surface temp. (N.Z. #98523) 63.0° $\text{corr} = .3$
Water sample taken 62.7°
17.02

Chart 1636

Entrada Pt. bears S 36 W (true) dist. 1.8 mi.
 Redondo Pt. " S 30 1/2 E " " 3.4 "
 Pelcher Pt. " N 5 8 1/2 W " " 2.2 "

Station No. *H 6467*Date: *May 6*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>62.9</i>		<i>-0.3</i>	<i>62.6</i> ^{<i>17.00</i>}	<i>X</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W 16.6 D 18.1
16.7

Chart 1636.

Magdalena Pt bears N 60 E (true) dist. 1.9 mi.

Station No. H 6468

Date: May 6

1916

Hour: 9:10 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	63.7		-0.3	^{17.44} 63.4	X	

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

Psych. W ~~75.6~~ 15.7 D 17.0

r. H.

Chart 1493

Pt. Hughes bears S 75 E (true) dist 9.7 mi.

Station No. H 6469

Date: May 6

1916

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
Surf	N-298523	64.0		-03	^{17.61} 63.7	X	

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

Psych. W + 6.5 D 19.2
16.6

Chart 1493

Rt. Jan. Cape San Lazaro bears S61E (-true) dist 17.5

Station No. *H6470* Date: *May 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>N-299523</i>	<i>64.2</i>		<i>-0.3</i>	^{<i>17.72</i>} <i>63.9</i>	<i>X</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

Psych. W ^{15.6} 13.7 D. 17.8

Chart 1493

Long. 112° 47' 25" W
 Lat. 25 8. 25 N

Station No. *H 6471*

Date: *May 6*

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
<i>surf</i>	<i>W298523</i>	<i>64.0°</i>	<i>—</i>	<i>-0.3</i>	<i>63.7</i> ^{<i>17.6'</i>}	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

*Under way
Shofer*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. ~~16.2~~
16.3 D. 18.2

Chart 1493

Long. $113^{\circ} 12' 00''$ W
 Lat. $25^{\circ} 33' 50''$ N

Station No. *H 6472*

Date: *may 6*

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
<i>Surf</i>	<i>77298523</i>	<i>63.0</i>	<i>—</i>	<i>-0.3</i>	^{<i>17.05</i>} <i>62.7</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

*under way
shafer*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometers W $\frac{+5.6}{15.7}$ D 17.5

Chart 1493

Long. $113^{\circ} 24' 25''$ W
 Lat. $25^{\circ} 46' 35''$ N

Thermometer corrections
 checked to here
 E.S.T.

Station No. H 6473

Date: May 7 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	72#98523	59.5	—	-0.3	59.2	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

under way

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometers

W ~~13.6~~
13.7

D 15.8

80%

Chart 1310

San Pablo Pt, bears N34E (true) dist. 16.0 mi.

Station No. *H 6474* Date: *may 7 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
<i>Surf</i>	<i>112 98523</i>	<i>58.0</i>	<i>—</i>	<i>-0.3</i>	^{<i>14.22</i>} <i>57.7</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer w ~~73.7~~ D 15.7
13.8 81%

Chart 1310

San Pablo Pt. bears N 87 E (true) dist. 20.9 mi.

Station No. *H 6475* Date: *may 7* 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>71298523</i>	<i>56.0</i>	—	<i>-0.3</i>	^{<i>13.17</i>} <i>55.7</i>	<i>X</i>	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W ~~17.7~~
14.8 D 17.6
74%

chart 1310

Thurloe Hd bears N 44 E (true) dist. 18.0 mi.

Station No. H 6476

Date: May 7 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
<i>surf</i>	<i>112-98523</i>	<i>57.0</i>	<i>—</i>	<i>-0.3</i>	<i>56.7</i> <small><i>13.72</i></small>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W ~~14~~ D 16.9
 14.5 77%

Chart 1310

St. An Eugenio bears N 35 E (true) dist. 17.5 mi.

Station No. *H 6477*

Date: *May 7 1916*

Hour: *2:30 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 298523</i>	<i>61.6</i>	<i>—</i>	<i>-0.3</i>	<i>61.3⁸</i>	<i>✓</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W ~~15.5~~ D 18.6
15.6 73%

Chart 1310

Morro Redondo Pt. (Cerro Id.) bears N 46 1/2 E (true)
dist. 15.3 mi.

Station No. H 6478

Date: May 7 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	11298523	62.0	—	-0.3	61.7 61.50	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometers w/ ~~14.4~~ D 16.6
14.5 81%

Chart 1310

Cape San Augustin bears N 69 $\frac{1}{2}$ E (true) dist. 18.5 mi.

Station No. *H 6479*

Date:

*May 7 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
<i>surf</i>	<i>N 298523</i>	<i>59.6</i>	<i>—</i>	<i>-0.3</i>	^{<i>157/17</i>} <i>59.3</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W ~~15.0~~ 15.1 D 17.9
74%

Chart 1310

Cape San Augustin bears $S 89\frac{1}{2} E$ (true) dist. 32.9

Bearings checked to here
R. S. J.

Station No. *H 64 80*

Date: *May 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>N-298523</i>	<i>61.7</i>	<i>63</i>	<i>-0.3</i>	<i>61.4</i> <i>^{16.33}</i>	<i>X</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way
Rain*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W ~~14.4~~ D 16.0
 14.5 86%

Chart 1006
 Guadalupe Island (south end) bears
 N $68\frac{1}{2}^{\circ}$ W dist. 33.0 miles.

Station No. H 6481

Date: May 8

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
Surf	N-298523	61.9		-0.3	61.6 ^{66.49}	X	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way; standing toward
Guadalupe Id
Ranch

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W ~~13.9~~ D 16.6
 14.0 76%

Chart 1006
 Guadalupe Island (south end)
 bears N 68 1/2° W, distant 6.0 miles

Station No. *H 6482* Date: *May 8* 191*6*

Hour: *9.45* a. M. to a. M.

Position: Lat. Long.

Locality: *Guadalupe Id. - P. Cal*

Depth: *38* Meters Bottom: *co. br. sand* Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Sur</i>	<i>N-298573</i>	<i>62.5</i>		<i>-0.3</i>	<i>62.2</i> <i>16.78</i>	<i>X</i>	
<i>5 M</i>	<i>S-V 805</i>	<i>R-16.13</i>	<i>R: 11.6</i>	<i>+0.26</i>	<i>16.37</i>	<i>X</i>	<i># 1</i>
	<i>Rtr 150</i>	<i>L-16.1</i>	<i>L: 11.8</i>	<i>+0.24</i>	<i>16.34</i>		
<i>10 "</i>	<i>N-298556</i>	<i>R-62.1</i>		<i>-0.4</i>	<i>61.70</i> <i>16.50</i>	<i>X</i>	<i># 5</i>
	<i>N-262855</i>	<i>L-62.2</i>		<i>-0.5</i>	<i>61.70</i> <i>16.50</i>		
<i>15 "</i>	<i>N-298760</i>	<i>R-62.0</i>		<i>-0.5</i>	<i>61.5</i> <i>16.41</i>	<i>X</i>	<i># 2</i>
	<i>N-271738</i>	<i>L-62.05</i>		<i>-0.6</i>	<i>61.9</i>		
<i>20 "</i>	<i>S-V 497</i>	<i>R-16.5</i>	<i>R: 11.8</i>	<i>+0.2</i>	<i>16.30</i>	<i>X</i>	<i># 3</i>
	<i>S-V 493</i>	<i>L-16.5</i>	<i>L: 11.8</i>				
<i>25 "</i>	<i>S-V 494</i>	<i>R-16.4</i>	<i>R: 11.6</i>	<i>+0.23</i>	<i>16.63</i>	<i>X</i>	<i># 4</i>
	<i>S-V 494</i>	<i>L-16.45</i>	<i>L: 11.7</i>				
<i>30 "</i>	<i>S-V 805</i>	<i>R-16.4</i>	<i>R: 11.6</i>	<i>+0.26</i>	<i>16.66</i>	<i>X</i>	<i># 1</i>
	<i>Rtr 150</i>	<i>L-16.35</i>	<i>L: 11.8</i>	<i>+0.21</i>	<i>16.63</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

C. E. DeLong (at 10:27a)

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
4 Therm #1 12 + 20	38-M	10:55	11:10	

11-5314

NOTES

Elect. Ody. Machine used
38 Meters

Therm #1 down 10.25 a.m. } at 10, 15, 20
" up 10.33 a.m. } 25, 30
" down 10:40 a.m. } #1; 5 meters
" up 10:45 a.m. }

Hydrographic observations at this station & date

Time	Psychrometry		Surface temperature (with #2, #98533)	cor- rec- tion	corrected temp.	Water Sample taken
	wet bulb	dry bulb				
10:30 a.m.	14.5 14.4	17.1	62.5	-0.3	62.2	yes
12:30 P.m.	15.5 15.6	17.8	63.6	-0.3	63.3	no
2:30	15.4 15.5	18.0	62.8	-0.3	62.5	no
4:30	14.5 14.4	17.4	62.0	-0.3	61.7	no
6:30	14.5 14.4	17.2	62.5	-0.3	62.2	yes

May 9

6:30 a.m. wet ~~14.1~~^{14.2} Dry 17.0
Surf. 62.4° - sample
(corrected) 62.1° taken
chart 1681 (date 1897)

Right tangent South Bluff N 64³/₄° E, dist. 0.6 mi.
North End Annex Island S 64³/₄° W, dist. 0.9 mi.
South End do S 34° W, dist. 1.0 mi.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. ~~15.1~~ 15.2 D. 19.5

Chart 1681 (date 1897)

South Bluff bears $S 64\frac{3}{4}^{\circ} W,$
 dist. 3.0 miles

Station No. *H 6484* Date: *may 9* 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>7298523</i>	<i>62.0</i>	<i>—</i>	<i>-0.3</i>	<i>61.7⁵⁰</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *under way* 11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. 14.4# D. 16.9
 19.5

Chart 1681 (date 1897)
 Right tangent North Point bears
 S 70 $\frac{1}{4}$ ° W., distant 6.2 miles.

Station No. *H 6485*

Date:

May 9 191*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>7298523</i>	<i>62.0</i>	<i>—</i>	<i>-0.3</i>	<i>61.7</i> ^{<i>6.50</i>}	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

*under way
trafic*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. ~~15.3~~ D. 18.2
15.4

Chart 1006
 λ $118^{\circ}-7'-30''$ W
L $29^{\circ}-20'-20''$ N

Station No. *H 6486* Date: *May 9* 191*6*

Hour: *2:30* 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>7298523</i>	<i>61.1</i>	<i>—</i>	<i>-0.3</i>	<i>^{61.00} 60.8</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314
under way
Shaper

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometers W. ~~14.2~~ D. 16.8
 14.3

chart 1006
 λ 118° 5' 30" W
 L 29° 33' 00" N

Station No. *H 6487* Date: *May 9* 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
<i>surf.</i>	<i>nz 98523</i>	<i>61.0</i>	<i>—</i>	<i>-0.3</i>	<i>60.7</i> ^{<i>15.7°C</i>}	<i>x</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____

Transparency: _____

REMARKS:

11-5314

*under way
Shaffer*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W ~~13.6~~ D 16.2
 13.7
 Chart 1006
 Long. 118° 5' - 00" W
 Lat. 29° - 47' - 30" N

Station No. *H 6488* Date: *May 9* 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>712 98523</i>	<i>61.3</i>	<i>—</i>	<i>-0.3</i>	^{<i>16.11</i>} <i>61.0</i>	<i>X</i>	<i>—</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____

Transparency: _____

REMARKS: _____

11-5314

*under way
drafter*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. 13.7 D. 16.5
13.8

Chart 1006

Long. 118° 2' 25" W
Lat 30° 00' 00" N

Station No. *H 6489* Date: *May 10* 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>n2 98523</i>	<i>60.0</i>	—	<i>-0.3</i>	^{<i>59.7</i>} <i>59.7</i>	<i>X</i>	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *under way*
Shafer

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer ~~W. 13.4~~ D. 15.8
 13.5

Chart 1006
Long. 117° 41' 45" W.
Lat. 31° 30' 45" N.

Station No. H 6490 Date: May 10 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>71298523</u>	<u>60.0</u>	<u>—</u>	<u>-0.3</u>	^{15.39} <u>59.7</u>	<u>X</u>	<u>—</u>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

11-5314

Under way
Hooper

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W 4.0 D 15.9
 14.1
 Chart 1006. 83%
 Long. 117° 35'
 Lat. 31° 38' 45"

Station No. *H 6491*Date: *May 19*191*6*Hour: *2:30* P. M. to — . M.

Position: Lat. Long.

Locality: *Entrance to San Clemente Id.*

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-2 98573</i>	<i>62.0</i>	<i>—</i>	<i>-0.3</i>	^{<i>16.50</i>} <i>61.7</i>	<i>x</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

Psych. W 12.0 D 15.1
12.1 71°70

Chart 5100

Pt. Loma Lt. bears S $85\frac{3}{4}^{\circ}$ E (true)
distant 12.8 miles

Station No. H 6492

Date: May 19

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	N-298523	61.0	—	-0.3	^{15.95} 60.7	X	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Towch. W 11.4 D 14.7
11.5

Chart 5100
St. Louis Lt. bears S 82° E (true)
distance 30.2 miles

Station No. *H 6493* Date: *May 19* 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>N-298523</i>	<i>62.0</i>	<i>—</i>	<i>-0.3</i>	<i>61.7</i> ^{<i>16.50</i>}	<i>X</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W 446 D 14.1
11.7

Chart 5100

Pt. Loma St. bears S 81° E (true) dist. 47.5 ml.

Station No. *H 6494* Date: *May 20* 191*6*

 Hour: *6:30* A. M. to — . M.

Position: Lat. _____ Long. _____

 Locality: *Off San Clemente Id*

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>61.4</i>	<i>—</i>	<i>-0.3</i>	<i>61.1</i> ^{<i>16.17</i>}	<i>X</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	

11-5814

NOTES

Psyche. W 12.0 D 14.6
 12.1

Position doubtful;
 within 5 miles of S.E. end of San Clemente Id.

Station No. *H 6495* Date: *May 20* 191*6*Hour: *4:46 P.M.* to *5:12 P.M.*

Position: Lat. _____ Long. _____

Locality: *San Clemente Island*Depth: *30 meters* Bottom: *fine gy S* Sample: _____Wind: Direction, *WSW* Force, *3*Sea: *C.* Sky: *bcz - C: S - 2.*

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>59.0</i>	<i>—</i>	<i>-0.3</i>	<i>58.7</i> <small>14.83</small>	<i>X</i>	
<i>5</i>	<i>S-V 496</i>	<i>R 16.25</i>	<i>16.2</i>	<i>+0.16</i>	<i>16.41</i>		<i>#4</i>
	<i>S-V 494</i>	<i>L 16.35</i>	<i>16.2</i>	<i>—</i>	<i>16.35</i>		
<i>10</i>	<i>S-V 805</i>	<i>R 15.80</i>	<i>16.1</i>	<i>+0.17</i>	<i>15.97</i> <small>16.14</small>		<i>#1</i>
	<i>Richter 150</i>	<i>L 16.1</i>	<i>16.1</i>	<i>+0.2</i>	<i>16.20</i>		
<i>15</i>	<i>N-298756</i>	<i>R 60.2</i>	<i>—</i>	<i>-0.4</i>	<i>59.8</i> <small>15.44</small>		<i>#5</i>
	<i>N-262855</i>	<i>L 60.5</i>	<i>—</i>	<i>-0.3</i>	<i>60.0</i>		
<i>20</i>	<i>N-298760</i>	<i>R 60.0</i>	<i>—</i>	<i>-0.5</i>	<i>59.5</i> <small>15.28</small>		<i>#2</i>
	<i>N-271738</i>	<i>L 60.4</i>	<i>—</i>	<i>-0.6</i>	<i>59.8</i> <small>15.44</small>		
<i>25</i>	<i>S-V 497</i>	<i>R 15.4</i>	<i>16.2</i>	<i>+0.07</i>	<i>15.47</i>		<i>#3</i>
	<i>S-V 493</i>	<i>L —</i>	<i>16.2</i>	<i>—</i>	<i>?</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____

Transparency: _____

REMARKS: *Left therm of 3 fail to register**V. Fruit -*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
#12 and #20 silk towsnets (station B)	surf.	5-minute tow about 4 o'clock p.m.		

11-5314

NOTES

Sounding at 4:47.30; Sigbee sdy rod

Therm down at 4:58 pm, up at 5:03 pm.

Psych. at 5:00 pm:

dry 15.4.

wet 12.6 / 12.7

Station A - towsnet hauls with #12 & #20 nets
for 5 - minutes

Chart 5100

China Pt (San Clemente Id) bears S $63\frac{1}{2}^{\circ}$ W (true)
distant 2.1 mi.

Eastern Pt (San Clemente Id) bears S $88\frac{1}{2}^{\circ}$ E (true)
dist. 1.6 mi.

Station No. *H 6496*Date: *May 21*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>60.9</i>	<i>—</i>	<i>-0.3</i>	^{<i>1.159</i>} <i>60.6</i>	<i>x</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W ~~12.4~~ D 15.0
 12.5

Chart 5002

S.E. end San Clemente Id. bears N 70 $\frac{1}{2}$ °E (true)
dist. 4.0 mi.

Station No. *H 6497*Date: *May 21*191*6*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
<i>Surf</i>	<i>N-298523</i>	<i>58.7</i>	<i>—</i>	<i>-0.3</i>	<i>^{14.67} 58.4</i>	<i>X</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way
Rough*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psyche. W ~~17.3~~ D 13.5
12.4

Chart 5002

S. E. end San Clemente Id. bears S 89° E (true)
dist. 22.0 mi.

Station No. *H 6498*Date: *May 21*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>0 meters</i>	<i>N-298523</i>	<i>55.8</i>	<i>—</i>	<i>-0.3</i>	<i>55.5</i> <i>13.05</i>	<i>X</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

Psych. W 11.56 D 13.5

Chart 5002

S.E. end San Clemente Id. bears S 88 $\frac{1}{2}$ ° E (true)
dist. 38.5 mi.

Station No. H6499

Date: May 21

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
0 m	N-2 98523	56.4	—	-0.3	56.1 ^{15.39}	λ	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W 11. ³ D 13.7

chart 5002

Beahot Road Bury bears S 47° W (true) dist. 14.5

Station No. *H 6560* Date: *May 21* 191*6*Hour: *2:30* 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>0 m</i>	<i>N-298523</i>	<i>55.5</i>	<i>—</i>	<i>-0.3</i>	<i>12.89</i> <i>55.2</i>	<i>λ</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Tsijhu. W 11.78 D 13.6

Chart 5002

Bishop Rock Bury bears S 38 1/2° E (true)
dist. 13.0 mi.

Station No. *H 6501*Date: *May 21*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>0 m</i>	<i>N-298523</i>	<i>56.0</i>	<i>-</i>	<i>-0.3</i>	<i>55.7</i> <i>13.7</i>	<i>X</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W ~~13.0~~ D 17.0
13.1

Chart 5002

Bishop Rock Buoy bears S $59\frac{1}{2}^{\circ}$ E (true)
dist. 10.9 mi.

Station No. *H 6502* Date: *May 21* 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>0 m</i>	<i>N-2 98523</i>	<i>56.4</i>	<i>—</i>	<i>-0.3</i>	^{<i>13.39</i>} <i>56.1</i>	<i>✓</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W 1.2. \downarrow D 15.0

Chart 5002

Bishop Rock Buoy bears $S 56^{\circ} W$ (true)
 dist. 3.4 mi.

Station No. H 6503 Date: 5-22 - 1916

Hour: 6³⁰ 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.	72 98523	60.0	—	-0.3	¹⁵⁷³⁷ 59.7	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

under way
Z.P.D.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. 13.1¹ D 14.9

Chart 1006

Bishop Rock Buoy bears N 43 1/2° W (true)
 dist. 22.5 mi.

Psychrometer readings & surface temperatures
 also bearings & M.T.
 thermom. corrections
 in this book checked
 J.P.P.