

H 6728

to

H 6759

Station No. H 6728

Date: July 24

191 6

Hour: 17:30 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	Ranfoc 7486	17.9	—	0	17.9 (64.2)		

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

Psy ~~W 76.1~~ D 17.6 87%
16.2

Chart 5100 C. & G. S.

Left tangent Santa Catalina Isl.
bears N 38°-30' E, distant 17.2 mi.
true

Station No. *H 6779* Date: *July 24* 191*6*

Hour: *1:00 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>Ranfoc 7486</i>	<i>17.9</i>	—	<i>0</i>	<i>17.9</i> <i>(64.2)</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

chart 5100 C. & G. S.
 Left tangent Santa Catalina Is.
 bears $N 46 E$ dist. 19.7 mi
 true

Station No. *H 6730* Date: *July 24* 191*6*

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

Position: Lat. *33°-14'-36"* Long. *118-57-00*

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>Ranfoc 7486</i>	<i>17.9</i>	<i>—</i>	<i>0</i>	<i>17.9 (64.2)</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

Psy. WTSF ~~15.6~~ D 17.3 84%

Chart 5200 C. & G. S.

Station No. H 6731 Date: July 24 1916

Hour: 2:00 P. M. to - . M.

Position: Lat. 33°-14'-24" Long. 119°-01'-06"

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	Ranfoc. 7486	18.6	—	0	18.6 (65.3)		

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	

11-3314

NOTES

Chart 5200 C.9 G.S.

Station No. H 6732

Date: July 24

1916

Hour: 7:30 P. M. to -

. M.

Position: Lat. 33-14-12

Long. 119-05-12

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	Ranfoc 7486	18.2	—	0	18.2 (64.8)		

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	
0-10-0		1	02	

11-5314

NOTES

Psy W 15.5 D 17.9 79%
15.6

Chart 5200 C. T. G.S.

Station No. *H6733* Date: *July 24* 191*6*

Hour: *3:00 P.* M. to *-* . M.

Position: Lat. *33°-13'-54"* Long. *119°-09'-12"*

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>Ranfex 7496</i>	<i>18.0</i>	<i>—</i>	<i>0</i>	<i>18.0 (64.4)</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

Chart 5200 C. & G. S.

Station No. H 6734

Date: July 24

1916

Hour: 3:30 P.M. to -

. M.

Position: Lat. 33°-13'-42"

Long. 119°-13'-06"

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	Ranfoc 7486	17.7	—	0	17.7 (63.9)		

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

Psy. W 24.9 D 16.4 86%
15.0

Chart 5200 C, & G.S.

Station No. *H 6735* Date: *July 24* 191*6*

Hour: *4:00 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>Ranfoc 7486</i>	<i>17.5</i>	<i>—</i>	<i>0</i>	<i>17.5</i> <i>(63.5)</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

Chart 5200 C. & G. S.

Left tangent San Nicolas Is.
 bears S $86\frac{1}{3}$ W (true)
 distant 9.3 miles,

Station No. *H 6736*

Date: *July 24*

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>Ranfoc 7486</i>	<i>17.6</i>	<i>—</i>	<i>0</i>	<i>17.6 (63.7)</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

Psy. W+4.2 D 15.5 88%

 14.3

Chart 5200 C. & G.S.
 Left tangent San Nicolas Isl.
 bears S 86 1/3 W (true)
 distant 7.3 miles

Station No. *H 6737*

Date: *July 24*

191*6*

Hour: *5:00* 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>Ranfoc 7496</i>	<i>16.7</i>	<i>—</i>	<i>0</i>	<i>16.7 (62.1)</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

chart 5200 C. & G. S.
 Left tangent San Nicolas bears
 S 86 1/3 W (true) distant 5.3 miles.

Station No. *H 6738*Date: *July 24*191*6*Hour: *5:30 P.* M. to — . M.

Position: Lat. _____ Long. _____

Locality: *San Nicolas 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>Ranfoc 7486</i>	<i>16.9</i>	<i>—</i>	<i>0</i>	<i>16.9 (62.4)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____

Transparency: _____

REMARKS: *at anchor*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy ^{W + 44.4} 14.5 D 15.5 90%

chart 5200 C. & G. S.
(anchorage)

Left tangent San Nicolas base
S 83 1/2° W (true) distant 3.5 miles.

Station No. *H-6739* Date: *July 25* 191*6*

Hour: *9:55* A. M. to *10:15* A. M.

Position: Lat. _____ Long. _____

Locality: *Off San Nicolas Id.*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *Calm* Force, *0*

Sea: *g.* Sky: *of - 85 - 10*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf.</i>	<i>Ranfoc 7486</i>	<i>17.1</i>	<i>—</i>	<i>0</i>	<i>17.1 (62.8)</i>		
<i>10m</i>	<i>NZ 165868</i>	<i>#1: 16.9</i>	<i>16.9</i>	<i>-0.05</i>	<i>16.85 (62.3)</i>		
	<i>NZ 165869</i>	<i>#2: —</i>	<i>—</i>	<i>—</i>			
<i>30m</i>	<i>NZ 165871</i>	<i>#1: 12.1</i>	<i>16.5</i>	<i>-0.16</i>	<i>11.94 (53.5)</i>		
	<i>RTR 37572</i>	<i>#2: 11.85</i>	<i>16.0</i>	<i>-0.03</i>	<i>11.82 (53.3)</i>		<i>11.88</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

Artificial - Trawl

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Tow Net #12K 000	Surf	9:55	10:10	Lay to.
Sec. Cls. #73 #1	10m	9:55	10:10	
" " #2	30m	9:55	10:15	

11-5314

NOTES

Lay to off San Nicolas Id.

1st messenger down at 9:55 am
2d " " " 10:10 "

Recorded time is 1 min. fast.

Psy. W ~~14.6~~ 14.7 D 17.1 77%

Chart 5200 C. & G.S.

9⁴⁵ a.m. to 12:00 noon

drifted from

Right tangent San Nicolas Id. bears
N 10 1/2 W (true) distant 4.5 miles.

to

Right tangent San Nicolas Id. bears
N 5 1/3 W (true) distant 5.0 miles.

Station No. *# - 6739* Date: *July 25* 191*6*

Hour: *10:22 A.M.* to *10:44 A.M.*

Position: Lat. _____ Long. _____

Locality: *off San Nicolas Id.*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *Calm* Force, *0*

Sea: *G* Sky: *of - AS - 10*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>Ranfoc 7486</i>	<i>17.2</i>	<i>—</i>	<i>0</i>	<i>17.2</i> <i>(63.0)</i>		
<i>10m</i>	<i>NZ 165869</i>	<i>16.9</i>	<i>17.2</i>	<i>-0.05</i>	<i>16.85</i> (<i>62.3</i>)		
	<i>NZ 165869</i>	<i>2: —</i>	<i>—</i>	<i>—</i>			
<i>30m</i>	<i>NZ 165871</i>	<i>11.8</i>	<i>16.5</i>	<i>-0.15</i>	<i>11.65</i> (<i>53.0</i>)		<i>air</i>
	<i>Rtr 37572</i>	<i>11.6</i>	<i>16.2</i>	<i>-0.03</i>	<i>11.57</i> (<i>53.9</i>)		<i>11.61</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

At night =
Thunder.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Tow Nets #12 & 000	Surf.	10:22	10:37	1/2 mi/hr
Sec. Ch. App # 1	10 m	10:22	10:38	
			10:37 1/2	
			10:42	
" " " 2	30 m	10:22	10:37 1/2	

11-5314

NOTES

1st messenger down at 10:22 am.
 2d " " " " " " 10:37

Recorded time is one min. fast.

Station No. *A-6739* Date: *July 25 1916*

Hour: *10:48 A.M. to 11:07 A.M.*

Position: Lat. _____ Long. _____

Locality: *off San Nicolas Id.*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *Calm* Force, *0*

Sea: *G* Sky: *of - AS-10*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>Ranfoc 7486</i>	<i>17.2</i>	<i>-</i>	<i>0</i>	<i>17.2 (63.0)</i>		
<i>30m</i>	<i>N2165868</i>	<i>1: 12.2</i>	<i>15.0</i>	<i>-0.08</i>	<i>12.12 (53.8)</i>		
	<i>N2165869</i>	<i>2: -</i>	<i>-</i>				
<i>50m</i>	<i>N2165871</i>	<i>1: 10.7</i>	<i>16.5</i>	<i>-0.14</i>	<i>10.56 (51.0)</i>		
	<i>Rtr 37522</i>	<i>2: 10.25</i>	<i>16.0</i>	<i>-0.04</i>	<i>10.31 (50.55)</i>		<i>10.44</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

11-5314

*Artificial -
Reactor.*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Tow Nets # 12 x 000	Surf	10:48	11:03	Lay to
Sw. Clo App # 1	30m.	10:48	11:05 11:04	"
" " 2	50m.	10:48	11:07 11:04	"

11-5314

NOTES

1st messenger down at 10:48 am
2d " " " " 11:03

Revised time one min. fast.

Psy. W ~~11.9~~ 15.0 D16.6 84%

Station No. *H - 6739* Date: *July 25* 191*6*

Hour: *11:16* A. M. to *11:36* A. M.

Position: Lat. _____ Long. _____

Locality: *Off San Nicolas Id.*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *SW* Force, *1*

Sea: *G* Sky: *of - 85-10*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>Ranfoc 7486</i>	<i>17.3</i>	<i>—</i>	<i>0</i>	<i>17.3</i> <i>(63.1)</i>		
<i>30m</i>	<i>N2165868</i>	<i>15.5</i>	<i>15.8</i>	<i>-0.1</i>	<i>15.4</i> (<i>59.7</i>)		
	<i>N2165869</i>	<i>—</i>	<i>—</i>	<i>—</i>			
<i>50m</i>	<i>N2165871</i>	<i>10.4</i>	<i>16.2</i>	<i>-0.15</i>	<i>10.25</i> (<i>50.45</i>)		
	<i>PTr37572</i>	<i>10.2</i>	<i>15.4</i>	<i>-0.04</i>	<i>10.16</i> (<i>52.1</i>)		<i>10.20</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

*Strutail -
Revised.*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Tow Nets # 12 & 000	Surf	11:16	11:31	Lay to
Sec. Ch App # 1	30m	11:16	11:34 11:31 1/2	"
" " " 2	50m	11:16	11:36 11:31 1/2	"

11-5314

NOTES

1st messenger down at 11:16 am
2d " " " " 11:31

Recorded time is one min. fast.

Station No. *H-6739* Date: *July 25* 191*6*

Hour: *11:41* A. M. to *12:01* P. M.

Position: Lat. _____ Long. _____

Locality: *off San Nicolas Id.*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *SW* Force, *1-2*

Sea: *9* Sky: *03-95-10*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf.</i>	<i>Ranfoc 7486</i>	<i>17.4</i>	<i>—</i>	<i>0</i>	<i>17.4 (63.3)</i>		
<i>50m</i>	<i>NZ165866</i>	<i>1: 10.90</i>	<i>14.8</i>	<i>-0.07</i>	<i>10.83 (51.5)</i>		
	<i>NZ165869</i>	<i>2: —</i>	<i>—</i>				
<i>100m</i>	<i>NZ165871</i>	<i>1: 8.80</i>	<i>15.0</i>	<i>-0.15</i>	<i>8.65 (47.6)</i>		
	<i>Rtr 37572</i>	<i>2: 8.65</i>	<i>14.4</i>	<i>-0.04</i>	<i>8.61 (47.5)</i>		<i>8.63</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

11-5314

Arutit-

Revertop

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Tow Nets # 12 & 000	Surf.	11:41	11:56	Levy to
Scr. Clo. App. # 1	50m	11:41	11:51/2 11:56	"
" " "	2 100m	11:41	12:01 11:56	"

11-5314

NOTES

1st messenger down at 11:41 am
2d " " " " 11:56 "

Recorded time is correct.

Psy, W ~~43~~ 15.4 D 18.2 75%

Chart 5200 C. & G.S.

12:00 noon to 3:50 P.M.

drifted from

Right tangent San Nicolas Isl. bears

~~N 10 1/2~~

N 5 1/2 W distant 5.0 miles

(true)

to

Right tangent San Nicolas Isl. bears

N 23 W distant 7.3 miles

(true)

Station No. *H 6739* Date: *July 25* 1916Hour: *12:33 P. M.* to *12:48 P. M.*

Position: Lat. _____ Long. _____

Locality: *Off San Nicolas Id*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, *0-1*Sea: *S* Sky: *bc*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>Ranfoc 7486</i>	<i>17.5°</i>	<i>—</i>	<i>0</i>	<i>17.5</i> <i>(63.5)</i>		
<i>50 m</i>	<i>NZ 165868</i>	<i>1-10.6°</i>	<i>16.5°</i>	<i>-0.07</i>	<i>10.53</i> (<i>50.95</i>)		
	<i>NZ 165869</i>	<i>2- —</i>	<i>—</i>	<i>—</i>	<i>—</i>		
<i>100 m</i>	<i>NZ 165871</i>	<i>1-8.9°</i>	<i>15.7°</i>	<i>-0.15</i>	<i>8.75</i> (<i>47.75</i>)		
	<i>Rtr 37572</i>	<i>2-8.70</i>	<i>14.8°</i>	<i>-0.06</i>	<i>8.64</i> (<i>47.55</i>)		<i>8.69</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____

Transparency: _____

REMARKS: _____

11-5314

C. B. Long.
Recorder.

NETS, ETC., USED

P.M.

Description	Depth	TIME		Speed
		Down	Up	
Surface Nets #000 and #12	0			
Serial closing apparatus #11	50M	12:33	12:48	
Serial closing apparatus #2	100M	12:33	12:48	

11-5314

NOTES

1st Messenger down at 12:33 P
 2nd Messenger down at 12:48 P
 .Psy. W ~~5.1~~ D 17.6 78%
 15.2

Station No. *H 6739* Date: *July 25* 191*6*

Hour: *1:00 P.M.* to *1:20 P.M.*

Position: Lat. _____ Long. _____

Locality: *Off San Nicolas Id*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, *0-1*

Sea: *S* Sky: *bc*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf.</i>	<i>Ranfoc 7486</i>	<i>17.5°</i>	<i>—</i>	<i>0</i>	<i>17.5 (63.5)</i>		
<i>30 M</i>	<i>N2 165869</i>	<i>#1 12.9°</i>	<i>17.4°</i>	<i>-0.12</i>	<i>12.78 (55.0)</i>		
	<i>N2 165869</i>	<i>#2 —</i>	<i>—</i>	<i>—</i>	<i>—</i>		
<i>50 M</i>	<i>N2 165871</i>	<i>#1 11.1°</i>	<i>17.5°</i>	<i>-0.16</i>	<i>10.94 (51.7)</i>		
	<i>RTK 37572</i>	<i>#2 10.85°</i>	<i>16.8°</i>	<i>-0.06</i>	<i>10.79 (51.4)</i>		<i>10.87</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

11-5314

C. E. Long
Recorder.

NETS, ETC., USED

P.M.

Description	Depth	TIME		Speed
		Down	Up	
Surface Nets # 12 and # 000	0	12:58	1:13	
Serial Closing Apparatus #1	30 M	1:00	1:20	
Serial Closing Apparatus #2	50 M	1:00	1:17	

11-5314

NOTES

1st Messenger down at 1:00 P
 2nd Messenger down at 1:15 P

Station No. *H 6739* Date: *July 25* 191*6*

Hour: . M. to . M.

Position: Lat. Long.

Locality: *Off San Nicholas Id*

Depth: Bottom: Sample:

Wind: Direction, Force, *0-1*

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>Ranfoc 7486</i>	<i>17.6</i>	<i>—</i>	<i>0</i>	<i>17.6 (63.7)</i>		
<i>30 M.</i>	<i>N2 165868</i>	<i>#1: 17.5</i>	<i>16.8</i>	<i>-0.12</i>	<i>17.38 (54.3)</i>		
	<i>N2 165869</i>	<i>#2: —</i>	<i>—</i>	<i>—</i>	<i>—</i>		
<i>50 M.</i>	<i>N2 165871</i>	<i>#1: 10.9</i>	<i>16.8</i>	<i>-0.15</i>	<i>10.75 (51.35) av.</i>		
	<i>RT 37572</i>	<i>#2: 10.75</i>	<i>16.3</i>	<i>-0.05</i>	<i>10.70 (51.3)</i>		<i>10.73</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

C. E. Kelong
Recorder

NETS, ETC., USED

P.M.

Description	Depth	TIME		Speed
		Down	Up	
Surface Nets # 1/2 and # 000	0			
Serial Closing Apparatus #1	30	1:25	1:45	
Serial Closing Apparatus #2	50	1:25	1:41	

11-5314

NOTES

1st messenger down at 1:25 - P.M.
 2nd " " " 1:40 "

Station No. 6739

Date: July 25 1916

Hour: 1150 P. M. to 2111 P. M.

Position: Lat.

Long.

Locality: Off San Nicolas Id., Cal.

Depth:

Bottom:

Sample:

Wind: Direction,

Force, 1-2

Sea: S

Sky: bc

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	Ranfoc 7486	17.6°	—	0	17.6 (63.7)		
10 M	NZ 165869	#1-17.1°	18.3°	-0.07	17.03 (62.7)		
	NZ 165869	#2- —	—	—			
30 M	NZ 165871	#1-12.9°	16.8°	-0.15	12.75 (54.95)		
	Rtr 37572	#2-12.7	16.3	-0.02	12.68 (54.8)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

C. E. DeLong
Recorder

NETS, ETC., USED

P.M.

Description	Depth	TIME		Speed
		Down	Up	
Surface nets #12 and #000	0	1:50	2:04	
Serial Closing Apparatus #1	107M	1:51	2:11	
Serial Closing Apparatus #2	307M	1:51	2:07	

11-5314

NOTES

1st Messenger down at 1:51 P.M.
 2nd Messenger down at 2:06 P.M.

Psy, W+56 D 18.9 72%
 15.7

aw,
 12.72

Station No. *H 6739*Date: *July 25* 191*6*Hour: *2:14 P*. M. to *2:39 P*. M.

Position: Lat.

Long.

Locality: *Off San Nicolas Id., Cal.*

Depth:

Bottom:

Sample:

Wind: Direction,

Force, *2-3*Sea: *X*

Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf.</i>	<i>Ranfoc 7486</i>	<i>17.5</i>	<i>—</i>	<i>0</i>	<i>17.5</i> <i>(63.5)</i>		
<i>10 M.</i>	<i>N2 165868</i>	<i>#1-17.2</i>	<i>19.6</i>	<i>-0.08</i>	<i>17.12</i>	<i>(62.8)</i>	
	<i>N2 165869</i>	<i>#2 —</i>	<i>—</i>	<i>—</i>			
<i>30 M.</i>	<i>N2 165871</i>	<i>#1-12.6</i>	<i>16.7</i>	<i>-0.16</i>	<i>12.44</i>	<i>(54.4)</i>	
	<i>Rtr 37572</i>	<i>#2-12.35</i>	<i>16.3</i>	<i>-0.02</i>	<i>12.33</i>	<i>(54.2)</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

C. E. De Long
Recorder.

NETS, ETC., USED

P.M.

Description	Depth	TIME		Speed
		Down	Up	
Surface Nets # 000 and #12	0	2:14	2:28	
Serial Closing Apparatus #1	10 M	2:16	2:39	
Serial Closing Apparatus #2	30 M	2:16	2:32	

11-5314

NOTES

1st Messenger down at 2:16
2nd Messenger down at 2:31

av.
12.38

Station No. *H 6739*Date: *July 25* 1916Hour: *2:41 P. M.* to . M.

Position: Lat. Long.

Locality: *Off San Nicolas Id, Cal.*

Depth: Bottom: Sample:

Wind: Direction, 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>	<i>Ranfco 7486</i>	<i>17.5</i>	<i>-</i>	<i>0</i>	<i>17.5</i> <i>(63.5)</i>		
<i>30 M</i>	<i>N2 165866</i>	<i>#1-12.5°</i>	<i>17.3°</i>	<i>-0.12</i>	<i>12.38</i> (<i>54.3</i>)		
	<i>N2 165869</i>	<i>#2 -</i>	<i>-</i>	<i>-</i>			
<i>50 M</i>	<i>N2 165871</i>	<i>#1-10.7°</i>	<i>16.5°</i>	<i>-0.16</i>	<i>10.54</i> (<i>51.0</i>)		
	<i>Rtr 37572</i>	<i>#2-10.5°</i>	<i>16.0°</i>	<i>-0.04</i>	<i>10.46</i> (<i>50.8</i>)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

C. E. DeLong
Recorder

NETS, ETC., USED

P.M.

Description	Depth	TIME		Speed
		Down	Up	
Surface Nets #12 and #000	0	2:41	2:56	
Serial Closing Apparatus #1	30m	2:43	3:03	
Serial Closing Apparatus #2	50m	2:43	2:59	

11-5314

NOTES

1st Messenger down at 2:43
2nd Messenger down at 2:58

Psy. W ~~15.6~~ 15.7 D 16.9 72%

av.
10.50

Station No. *H 6739* Date: *July 20* 191*6*

Hour: *3:09* P. M. to *3:31* P. M.

Position: Lat. _____ Long. _____

Locality: *Off San Nicolas Id., Cal.*

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ 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>	<i>Ranfoc 7486</i>	<i>17.4°</i>	<i>—</i>	<i>0</i>	<i>17.4</i> <i>(63.3)</i>		
<i>30.7M</i>	<i>NZ165868</i>	<i>#1-12.5°</i>	<i>17.8°</i>	<i>-0.07</i>	<i>12.43</i> (<i>54.4</i>)		
	<i>NZ165869</i>	<i>#2 —</i>	<i>—</i>	<i>—</i>			
<i>50.7M</i>	<i>NZ165871</i>	<i>#1-10.8</i>	<i>16.8</i>	<i>-0.16</i>	<i>10.64</i> (<i>51.15</i>)		
	<i>Rtr 37572</i>	<i>#2 10.6</i>	<i>16.0</i>	<i>-0.04</i>	<i>10.56</i> (<i>51.0</i>)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

11-5314

C. E. Ke Long
Recorder.

NETS, ETC., USED

P.M.

Description	Depth	TIME		Speed
		Down	Up	
Surface Nets #12 and #000	0	3:07	3:22	
Serial Closing Apparatus #1	30M	3:09	3:31	
Serial Closing Apparatus #2	50M	3:09	3:26	

11-5314

NOTES

1st Messenger down at 3:09 P.M.
2nd Messenger down at 3:24 P.M.

av.
10.60

Station No. *H 6739* Date: *July 25* 191*6*

Hour: . M. to . M.

Position: Lat. Long.

Locality: *Off San Nicolas Id, Cal.*

Depth: Bottom: Sample:

Wind: Direction, 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>	<i>Ranfoc 7486</i>	<i>17.4</i>	<i>-</i>	<i>0</i>	<i>17.4</i> <i>(63.3)</i>		
<i>10 M.</i>	<i>N2165868</i>	<i>#1-17.2</i>	<i>18.7°</i>	<i>-0.07</i>	<i>17.13</i> (<i>62.8</i>)		
	<i>N2165869</i>	<i>#2- —</i>	<i>—</i>	<i>—</i>			
<i>30 M.</i>	<i>N2165871</i>	<i>#1-12.3°</i>	<i>16.0°</i>	<i>-0.15</i>	<i>12.15</i> (<i>53.9</i>)		
	<i>RT 37572</i>	<i>#2-12.1°</i>	<i>15.8°</i>	<i>-0.02</i>	<i>12.08</i> (<i>53.75</i>)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

C. E. DeLong
Recorder

NETS, ETC., USED

P.M.

Description	Depth	TIME		Speed
		Down	Up	
Surface Nets #12 and #000	0	3:35	3:49	
Serial Closing Apparatus #11	10 M	3:36	3:5	
Serial Closing Apparatus #12	30 M	3:36	3:51	

11-5314

NOTES

1st Messenger down at 3:36 P.M.
2nd Messenger down at 3:51 P.M.

Psy. W 15.0 D 17.4 79%

15.1

or
12.12

Station No. *A-6740* Date: *July 26* 191*6*

Hour: *9⁰² a. M.* to *9.27 a. M.*

Position: Lat. _____ Long. _____

Locality: *Off San Nicolas Ids Cal*

Depth: *53 - 7ms* Bottom: _____ Sample: _____
29 3m

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>Ranfco 7486</i>	<i>15.9</i>	<i>—</i>	<i>0</i>	<i>15.9 (60.6)</i>		
<i>10-7m</i>	<i>N2165868 #1</i>	<i>15.3</i>	<i>15.3</i>	<i>-0.05</i>	<i>15.25 (59.45)</i>		
	<i>N2165869 #2</i>	<i>—</i>	<i>—</i>	<i>held not wk</i>			
<i>30-7m</i>	<i>N2165871 #1</i>	<i>10.6</i>	<i>15.3</i>	<i>-0.15</i>	<i>10.45 (50.8)</i>		
	<i>RTR 37572 #2</i>	<i>—</i>	<i>—</i>	<i>"</i>	<i>"</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____

Transparency: _____

REMARKS: _____

11-5314

W.P. Blaker
Rec'd

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net #12-00	-	9 ⁰⁷	9.24	
Ser. b.l.o. App. #1	10-7m	9 ⁰⁷	9.22	At An
" " #2	30-7m	9 ⁰⁷	9.22	At An
			9.27	At An

11-5314

NOTES

1st messenger down - 9⁰⁷ am
 2^d " " - 9²² am

9⁰⁰ a.m. Chart 5200 C. & G.S.

Right tangent San Nicolas bears
 N 69° W (true) distant 9.8 miles

drifted from above position
 at 9⁰⁰ a.m.

to
 the following one

at 12³⁰ P.M.

Rt. tangent San Nicolas bears
 N 74° W (true) distant 12.3 miles

Position at

11:00 a.m. was

Rt. tangent San Nicolas bears
 N 71¹/₂° W (true) dist. 11.4 miles

Station No. *H-6740* Date: *July 26* 191*6*

Hour: *9³³* A.M. to *9⁵²* A.M.

Position: Lat. _____ Long. _____

Locality: *Off San Nicolas Id, Cal*

Depth: *53-7m* Bottom: _____ Sample: _____
29 3m

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>Ranfoc 2486</i>	<i>15.9</i>	<i>—</i>	<i>0</i>	<i>15.9 (60.6)</i>		
<i>10-7m</i>	<i>N2165868 #1</i>	<i>15.1</i>	<i>15.6</i>	<i>-0.05</i>	<i>15.05 (59.1)</i>		
	<i>N2165869 #2</i>	<i>—</i>	<i>—</i>	<i>No mark</i>			
<i>30-7m</i>	<i>N2165871 #1</i>	<i>11.0</i>	<i>15.2</i>	<i>-0.13</i>	<i>10.87 (51.6)</i>		
	<i>Rtr 37572 #2</i>	<i>—</i>	<i>—</i>	<i>,</i>	<i>"</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

*W.D. Baker
Recd*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf Net #12-000	—	9.33	9.48	
Ser. Clo. App #1	10-7M	9.33		
" " " #2	30-7M	9.48	9.49	
" " " #2	30-7M	9.33		
" " " #2	30-7M	9.48	9.52	

11-5314

NOTES

1st messenger down - 9³³ AM
 2d " " - 9⁴⁸ AM

Psy. W ~~11.9~~ 15.0 D16.3 87%

Station No. *H-6740* Date: *July 26* 191*6*

Hour: *9⁵⁸ A.M.* to *10¹⁷ A.M.*

Position: Lat. _____ Long. _____

Locality: *Off San Nicolas Id., Cal*

Depth: *53-m* Bottom: _____ Sample: _____
293m

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>Ranf # 7486</i>	<i>15.8</i>	<i>-</i>	<i>0</i>	<i>15.8 (60.4)</i>		
<i>10-m</i>	<i>N2 165869 #1</i>	<i>15.6</i>	<i>15.7</i>	<i>-0.05</i>	<i>15.55 (60.0)</i>		
	<i>N2 165869 #2</i>	<i>-</i>	<i>-</i>	<i>Not used</i>			
<i>30-m</i>	<i>N2 165871 #1</i>	<i>10.7</i>	<i>15.0</i>	<i>-0.14</i>	<i>10.56 (51.0)</i>		
	<i>ATR 37572 #2</i>	<i>10.45</i>	<i>14.8</i>	<i>-0.03</i>	<i>10.42 (50.8)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

*W D Blaker
Recd*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net #12-000	-	9.58	10.13	
Surf. blo. App. #1	10 m	9.58	10.13	10.14
" " " #2	30 m	9.58	10.13	10.17

11-5314

NOTES

1st messenger down - 9⁵⁸
 2d " " " - 10¹³

av.
 10.49

Station No. *H-6740* Date: *July 26* 191*6*

Hour: *10²²* A. M. to *10⁴¹* A. M.

Position: Lat. _____ Long. _____

Locality: *Off San Nicolas Id., Cal*

Depth: *53-m* Bottom: _____ Sample: _____
293-m

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>Ranfoc 7486</i>	<i>16.7</i>	<i>—</i>	<i>0</i>	<i>16.7 (62.1)</i>		
<i>10-m</i>	<i>N2165868 #1</i>	<i>15.4</i>	<i>15.8</i>	<i>-0.25</i>	<i>15.35 (59.6)</i>		
	<i>N2165869 #2</i>	<i>—</i>	<i>—</i>	<i>Not</i>	<i>work</i>		
<i>30-m</i>	<i>N2165871 #1</i>	<i>11.4</i>	<i>15.6</i>	<i>-0.15</i>	<i>11.25 (52.25)</i>		
	<i>RTR 3752 #2</i>	<i>—</i>	<i>—</i>	<i>"</i>	<i>"</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

11-5314

W.D. Blaker
Rick

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net #12-000	-	10.22	10.37	
Ser. blo. App #1	10-m	10.22	10.38	
" " " #2	30-m	10.22	10.41	

11-5314

NOTES

101 messenger down - 10²² AM
 29 " " - 10³⁷ AM

Station No. H-6740 Date: July 26 1916

Hour: 10.46 A. M. to 11.05 A. M.

Position: Lat. _____ Long. _____

Locality: off San Nicolas Id., Cal

Depth: 53-7m Bottom: _____ Sample: _____
29 3m

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>Ranfoc 7486</u>	<u>16.9</u>	<u>—</u>	<u>0</u>	<u>16.9</u> (<u>62.4</u>)		
<u>10-7m</u>	<u>N2 165868 #1</u>	<u>14.7</u>	<u>16.3</u>	<u>-0.07</u>	<u>14.63</u> (<u>58.3</u>)		
	<u>N2 165869 #2</u>	<u>—</u>	<u>—</u>	<u>Not used</u>			
<u>30-7m</u>	<u>N2 165871 #1</u>	<u>11.20</u>	<u>15.8</u>	<u>-0.15</u>	<u>11.05</u> (<u>51.9</u>)		
	<u>Rtr 37512 #2</u>	<u>—</u>	<u>—</u>	<u>"</u>	<u>"</u>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

11-5314

W. P. Blakey
Recd

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net # 12-000	-	10.46	11.00	
Ser. blo. aff #1	10-7m	10.46	11.02	
" " " #2	50-7m	10.46	11.05	

11-5314

NOTES

1st messenger down - 10⁴⁶ AM
 2^d " " " - 11⁰¹ AM

Psy, W ~~14.6~~ D 16.9 79%
 14.7

Chart 5200 C. & G.S.
 11⁰⁰ A.M.; Right tangent San Nicolas
 bears N 71 $\frac{1}{2}$ ° W (true) distant
 11.4 miles.

Station No. *H-6740* Date: *July 26* 191*6*

Hour: *11:30* A.M. to *11:31* A.M.

Position: Lat. _____ Long. _____

Locality: *Off San Francisco, Cal*

Depth: *53-7m* Bottom: _____ Sample: _____
29 2m

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>Ranfoc 7486</i>	<i>17.3</i>	<i>—</i>	<i>0</i>	<i>17.3</i> <i>(63.1)</i>		
<i>10-7m</i>	<i>N2165868 #1</i>	<i>16.7</i>	<i>17.0</i>	<i>-0.05</i>	<i>16.65</i> (<i>62.0</i>)		
	<i>N2165869 #2</i>	<i>—</i>	<i>—</i>	<i>Not used</i>			
<i>30-7m</i>	<i>N2165871 #1</i>	<i>11.1</i>	<i>16.4</i>	<i>-0.15</i>	<i>10.95</i> (<i>51.7</i>)		
	<i>Rt 37572 #2</i>	<i>10.90</i>	<i>15.8</i>	<i>-0.04</i>	<i>10.86</i> (<i>51.55</i>)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

11-5314

W.D. Blocker
Rec'd

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net #12-000	-	11.12	11.24	
Sev blo App #1	10-m	11.12		
		11.27	11.28	
" " " #2	30-m	11.12		
		11.27	11.31	

11-5314

NOTES

1st messenger down - 11¹⁵ AM
 2^d " " " - 11²⁷ AM

av.
 10.91

Station No. *H-6740* Date: *July 26 1916*

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

Position: Lat. _____ Long. _____

Locality: *Off San Nicolas Id. Cal*

Depth: *53 m* Bottom: _____ Sample: _____
29 m

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>Ranfoc 2486</i>	<i>17.5</i>	<i>—</i>	<i>0</i>	<i>17.5 (63.5)</i>		
<i>10 m</i>	<i>NZ 165869 #1</i>	<i>16.95</i>	<i>17.2</i>	<i>-0.05</i>	<i>16.9 (62.4)</i>		
	<i>NZ 165869 #2</i>	<i>—</i>	<i>—</i>	<i>Not used</i>			
<i>30 m</i>	<i>NZ 165871 #1</i>	<i>11.0</i>	<i>16.8</i>	<i>-0.16</i>	<i>10.84 (51.5)</i>		
	<i>RT 37572 #2</i>	<i>—</i>	<i>—</i>	<i>"</i>	<i>"</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

11-5314

*W.W. Blaker
Recd*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net #12-000	—	11:37	11:49	
Seri. bts. aff #1	10-m	11:37		
		11:52	11:53	
" " " #2	30-m	11:37		
		11:52	11:56	

11-5314

NOTES

1st messenger down - 11:57 AM
 2d " " - 11:52 AM

Psy. W ~~14.5~~ 14.5 D 16.2 84%

Station No. *H-6740* Date: *July 26* 191*6*

Hour: *12:01 P. M.* to *12:20 P. M.*

Position: Lat. _____ Long. _____

Locality: *Off San Nicoloso Id. Cal.*

Depth: *53.5m* Bottom: _____ Sample: _____
29.5m

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>Ranfco 7486</i>	<i>17.4</i>	<i>—</i>	<i>0</i>	<i>17.4</i> <i>(63.3)</i>		
<i>10-m</i>	<i>N2165868 #1</i>	<i>16.9</i>	<i>17.2</i>	<i>-0.05</i>	<i>16.85</i> (<i>62.3</i>)		
	<i>N2165869 #2</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>		
<i>30-m</i>	<i>N2165871 #1</i>	<i>11.4</i>	<i>13.9</i>	<i>-0.12</i>	<i>11.28</i> (<i>52.3</i>)		
	<i>RH37572 #2</i>	<i>11.2</i>	<i>16.4</i>	<i>-0.04</i>	<i>11.16</i> (<i>52.1</i>)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS:

*W.P. Blaker &
Smith - Ricks*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net #12-000	—	12.01	2:16	In to
Ser. blo. app #1	10-7m	12.01		
		12.16	12:17	
" " #2	30-7m	12.01	12:20	
		12.16	12.	

11-5314

NOTES

1st messenger down — 12⁰¹ Pm
 2^d " " — 12¹⁶ Pm

aw.
11.22

Station No. *H 6741* Date: *July 26* 191*6*

Hour: *11:00 P.* M. to - . M.

Position: Lat. Long.

Locality: *San Nicolas Id. (anchorage)*

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>Ranfoc 7496</i>	<i>15.8</i>	<i>—</i>	<i>0</i>	<i>15.8 (60.4)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *at anchor*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W ~~13.0~~ D 14.7 83%
13.1

Chart 5200 C. & G. S.
(anchorage)

Right tangent San Nicolas Isl.
bears N 37 1/2° W (true)
distant 1.8 miles

Left tangent San Nicolas Isl.
bears N 87 2/3° W (true) distant 3.0 miles

Station No. *H 6742* Date: *July 26* 1916

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

Position: Lat. *33°-10'-24" N* Long. *119°-27'-00" W*

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>Ranfoc 7496</i>	<i>15.7</i>	<i>—</i>	<i>0</i>	<i>15.7</i> <i>(60.3)</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

Chart 5002 C. & G. S.

Station No. H 6743 Date: July 26 1916

Hour: 12:00 . M. to ^{Midnight} . M.

Position: Lat. 33°-10'-24" N Long. 119°-29'-42" W

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	Ranfoc. 7496	14.6	—	0	14.6 (58.3)		

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

P.S.V.

W~~13.3~~
13.4

D 14.4

89%

Chart 5002 C & G S

Station No. *H 6744* Date: *July 27* 191*6*

Hour: *12:30 A.* M. to — . M.

Position: Lat. *33°-10'-24" N* Long. *119°-33'-00" W*

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>Ranfco 7486</i>	<i>14.9</i>	<i>—</i>	<i>0</i>	<i>14.9</i> <i>(58.8)</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

Chart 5002 C. & G.S.

Station No. H 6745 Date: July 27 1916

Hour: 1:00 A. M. to - . M.

Position: Lat. $33^{\circ}-10'-24''$ N Long. $119^{\circ}-36'-12''$ W

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	Ranfoc 7486	15.7	—	0	15.7 (60.3)		

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

Psy. W+3.3 D 14.2 91%
 13.4

Chart 5002 C. & G. S.

Station No. *H 6746* Date: *July 27* 191*6*

Hour: *1:30* A. M. to . M.

Position: Lat. *33°-10'-12" N* Long. *119°-39'-54" W*

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>Ranfoc 7486</i>	<i>14.9</i>	—	<i>0</i>	<i>14.9 (58.8)</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

Chart 5002 C. & G. S.

Station No. *H 67117* Date: *July 27* 191*6*

Hour: *2:00 A.M.* to - . M.

Position: Lat. *33°-10'-12" N* Long. *119°-43'-30" W*

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>Ranfoc 7486</i>	<i>14.9</i>	<i>—</i>	<i>0</i>	<i>14.9 (58.8)</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

Psy. W ~~12.9~~ 13.0 D 13.9 91%

Chart 5002 C. & G. S.

Station No. H 6748

Date: July 27

1916

Hour: 7:30 A. M. to . M.

Position: Lat. 33°-10'-06" N Long. 119°-47'-12" W

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	Ranfoc 7496	13.9	—	0	13.9 (57.0)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way

11-5314

Station No. H 6749

Date: July 27

1916

Hour: 3:00 A. M. to

. M.

Position: Lat. 33-10-06 N Long. 119-51-00" W

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	Ranfoc 7486	14.0	—	0	14.0 (57.2)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way

Station No. *H16750* Date: *July 27* 191*6*Hour: *3:30 A.M.* to - . M.Position: Lat. *33°-10'-00" N* Long. *119°-54'-12" W*

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>Ranfoc 7486</i>	<i>14.1</i>	<i>—</i>	<i>0</i>	<i>14.1</i> <i>(57.4)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way*

Station No. *H 6753* Date: *July 27* 191*6*

Hour: *5:00* A. M. to *-* . M.

Position: Lat. *33°-10'-00" N* Long. *120°-04'-30" W*

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>Ranfoc 7486</i>	<i>14.5</i>	<i>-</i>	<i>0</i>	<i>14.5 (58.1)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

Station No. *H 6754* Date: *July 27* 191*6*

Hour: *5:30* A. M. to — . M.

Position: Lat. *33°-10'-00" N* Long. *120°-08'-00" W*

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>Ranfoc 7486</i>	<i>14.7</i>	<i>—</i>	<i>0</i>	<i>14.7</i> <i>(58.3)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

Station No. *H 6756* Date: *July 27* 191*6*

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

Position: Lat. *33°-10'-00" N* Long. *120°-14'-06" W*

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>Ranfoc 7486</i>	<i>14.9</i>	<i>—</i>	<i>0</i>	<i>14.9 (58.8)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

$$\begin{array}{r} 25^- \\ 15^- \quad 2 \\ \hline 125^- \\ 25^- \\ \hline .37.6^- \\ .02\frac{1}{2} \\ \hline 187\frac{1}{2} \\ 75.0 \\ \hline 9.375^- \end{array}$$