

H 6691

to

H 6727

Station No. H6692

Date: July 21

1916

Hour: 4:00 P. M. to 4:20 P. M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, WSW Force, 3

Sea: S Sky: bry - Ci Cu - 3

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used Ectm
Surf	Ranfoc 7486	16.6	-	0	16.6 (61.9)		
50m	NZ Rtr	—	—	—			
60m	NZ 62356	12.57.0	—	-1.0	55.0 (12.78)		5
	NZ 88256	R 55.5	—	-0.5	55.0 (12.78)		
75m	NZ 71738	L 54.5	—	-0.8	53.7 (12.85)		8
	NZ 98260	R 55.0	—	-0.5	54.5 (12.5)		
100m	Rtr 150	L 11.0	10.45	0	11.0 (51.8)		1
	SV 805	R 12.5	13.0	+0.1	12.6 (54.7)		
150m	NZ 164892	L 9.20	12.0	-0.13	9.07 (46.3)		3
	SV 49792	R 9.10	12.0	-0.08	9.02 (44.2)		
200m	NZ 164895	L 8.8	13.7	-0.16	8.64 (47.55)		4
	SV 49615	R 8.6	12.8	-0.1	8.5 (47.7)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Arrested -
Rec.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Tow nets # 12 x 0 + 0	Surf.	4:00	4:15	2.75 kts
Sev. Cls. app # 2	50m	4:00	4:16 1/2 4:15	"

11-8314

NOTES

1st messenger down at 4:00 pm
 2d " " " 4:15 "

Psy. W ~~14.9~~
 15.0

D 16.8 83%

Chart 5900 C & G S
 San Pedro Point Santa Cruz Isl.
 bears N 13 E dist. 8.4 miles
 true

Station No. *H-6692* Date: *July 21* 191*6*

Hour: *4:34 P.M.* to *4:50 P.M.*

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, *WSW* Force, *3*

Sea: *S* Sky: *bog - CiCu - 3*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used <i>Eck-</i> <i>man</i>
<i>Surf</i>		—	—	—	—		
<i>20</i>	<i>NZ 62855</i>	<i>L 56.5</i>	—	<i>-0.8</i>	<i>55.7 (13.17)</i>	<i>5</i>	
	<i>NZ 88255</i>	<i>R 56.5</i>	—	<i>-0.5</i>	<i>56.0 (13.33)</i>		
<i>25</i>	<i>NZ 71788</i>	<i>L 56.0</i>	—	<i>-0.5</i>	<i>55.5 (13.05)</i>	<i>2</i>	
	<i>NZ 91826</i>	<i>R 55.0</i>	—	<i>-0.8</i>	<i>54.2 (12.33)</i>		
<i>30</i>	<i>RAF 150</i>	<i>L 17.1</i>	<i>12.1</i>	<i>0</i>	<i>12.1 (53.8)</i>	<i>1</i>	
	<i>RAF 5X 805</i>	<i>R 14.5</i>	<i>15.2</i>	<i>-0.05</i>	<i>14.55 (58.2)</i>	<i>2</i>	
<i>40</i>	<i>NZ 164892</i>	<i>L 11.5</i>	<i>15.5</i>	<i>-0.15</i>	<i>11.35 (52.4)</i>	<i>3</i>	
	<i>SV 1167</i>	<i>R 12.4</i>	<i>15.8</i>	<i>-0.1</i>	<i>11.3 (52.3)</i>		
<i>50</i>	<i>NZ 164895</i>	<i>L 10.5</i>	<i>15.2</i>	<i>-0.16</i>	<i>10.34 (50.6)</i>	<i>4</i>	
	<i>SV 4965</i>	<i>R 10.2</i>	<i>15.4</i>	<i>-0.12</i>	<i>10.18 (50.3)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

Strutit - Recorder

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Trawl 12000	Surf			5 kts
San Diego	1000			

11-5314

NOTES

Bottles down at 4:34 pm.
~~the~~ messenger down at 4:44 pm.
~~the~~

Chart 5200 C.I.B.S.
 San Pedro Point Santa Cruz del.
 bears N 13 E dist. 8.4 miles

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

2710 1/2

Chart 5300 C. I. S. S.

San Pedro Point, Santa Cruz Is.
 bears $N 5\frac{1}{2} W$ dist. 9.2 miles
 True

Station No. 7500

Date: July 20

1916

Hour: 6:00 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
Surf	Ranfoc 7486	16.9	—	0	16.9 (62.4)		

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

PEV. WITH D16.0 88%
14.8

Chart 5200 C. & G. S.
Ship tangent Anacapa Is.
bears $N 2^{\circ} E$ dist. 8.8 miles
true

Station No. *H 16515* Date: *July 11* 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>Ranfoc 7486</i>	<i>16.6</i>	<i>—</i>	<i>—</i>	<i>16.6 (61.9)</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 5000 C. & G. S.
 Lead tangent Anacapa Is.
 bears N 12° W dist. 9.9 miles
 True

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. ~~W 49~~ D 16.5 85%
15.0

Chart 5200 C. & G.S.
Anacapa Isl. light bears
N 10° W dist. 10.6 miles
(true)

Station No. 516697

Date: 5/22/16

1916

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
Surf	Ranfoc 7496	16.0	—	0	16.0 (60.8)	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

Chart 5000 C. & G. S.
 Anacapa Is. Light beam
 N 13° W dist. 11.7 miles
 true

Station No. *H 6698*Date: *July 21*191*6*Hour: *8:00 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>Ranfco 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: *Under way*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. W 14.6 DIS, 7 90%
14.7

Chart 5200 C, 7 G.S.
Anacapa Is. Light bears
N 22° W dist. 13.3 miles
true

Station No. *H 6697*

Date: *July 2*

1916

Hour: *8:30* 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>15.8</i>	<i>-</i>		<i>15.8</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 ~~14.6~~ 14.7 D 15.7 90%

Chart 5200 C. & G. S.
 Amacapa Isl. light bears
 N 29°-15' W dist. 15.1 miles
 1 mi

Station No. *H 6700*Date: *July 2*191*6*Hour: *9:00 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>Ranfco 776</i>	<i>17.0</i>	<i>—</i>	<i>0</i>	<i>17.0</i> <i>(62.6)</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

Psy. W ~~44~~ DIS. 90%
14.5

Chart 5200 C. & G.S.
Point Dumme bears $71^{\circ} 53' E$
dist: 22.1 miles true

Station No. *H 6761*Date: *July 21*191*6*Hour: *9:30* 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>16.4</i>	<i>—</i>	<i>0</i>	<i>16.4</i> <i>61°</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

Psy. W ~~44.6~~ 14.7 D 15.4 93%

Chart 5200 C. 9 35
 Point ~~Deer~~ ~~Islands~~ N 47 1/2° E
 dist. 20.8 miles True

Station No. 116102 Date: July 22 1916

Hour: 10:00 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
Surf	Ranfco 7453	16.8	-	0	16.8 (62.2)		

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 ~~#3~~ DIS, 3 91%
 14.4

21200 5200 C. 7 S.S.

Point Duquesne Islands N 41 E
 dist 19.7 miles true

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy, W #43 DIS. 2 91%
14.4

Chart 5200 C 788

Point Dumme bears N 34° E
dist. 18.9 miles True

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy. ~~14.7~~ DISC 90%
14.6

Chart 5200 C. & G.S.

Point Rame bears $N 26^{\circ} E$
dist. 18.4 miles True

Station No. *H 6705*

Date: *July 1916*

1916

Hour: *11:30 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>Kemp 7486</i>	<i>18.3</i>	<i>—</i>	<i>0</i>	<i>18.3 (64.9)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *Under way*

Station No. *H 6706* Date: *July 21* 191*6*

Hour: *12:00* ^{*midi*} 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>18.2</i>	<i>-</i>	<i>0</i>	<i>18.2</i> <i>(64.8)</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

Net 5230 C. 9 S.S.
 Point Dume bears N 3° E
 dist 19.1 miles 1 m

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Cast 500 C. 9 S.S.
 (net) same as N 4° W
 dist. 200 miles 11.2

Station No. *H 6709*

Date: *June 2*

191*6*

Hour: *1:30* 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>Ranfoc 2486</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. 9 G.S.
 Point Dume bears N 10° W
 dist. 21.2 miles

Station No. 5671D

Date: July 22

1916

Hour: 2:00 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	Ranfoc 7486	15.1	—	0	15.1 (64.6)		

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 ~~14.6~~ 14.7 D16.5 83%

chart 5000 C. & G.S.
 Point Dumme bears N 16° W
 dist. 22.5 miles true

Station No. H 6711

Date: July 22

1916

Hour: 7:30 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	Ranfco 1486	18.1	—	0	18.1 (64.6)		

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

Chart 5100 C. & G.S.

Right tangent Santa Catalina
Island bears S 16° E dist.
9.4 miles True

Station No. H 6712

Date: July 22

1916

Hour: 3:00 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	Ranfaco 7056	18.0	-	0	18.0 (64.4)		

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

Chart 5100 C. & G. S.
 H. S. tangent Santa Catalina Is.
 bears S 7° E dist. 8.5 miles
 - 1/2 mile

Station No. *H 6713* Date: *July 22* 1916

Hour: *3:30* 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>Ranf 1496</i>	<i>17.8</i>	<i>-</i>	<i>0</i>	<i>17.8 (64.0)</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.
 R.V. tangent Santa Catalina Is.
 bears S 30° W distant 7.9 miles
 true

Station No. *H 6710*Date: *July 27*191*6*Hour: *4:00* 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>Ranfoc 1486</i>	<i>63.7</i>		<i>0</i>	<i>63.7 (63.9)</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

Psy. 11/14/46 14.9 11.5 84%

Chest 5100 C. 9 G. S.
 Rd. tangent Santa Catalina Isl.
 bears S 15° W dist: 7.7 miles
 true

Station No. *H16715*Date: *July 2*191*6*Hour: *4:30 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</i>	<i>Ranfoc 7486</i>	<i>17.6</i>	<i>-</i>	<i>0</i>	<i>17.6</i> <i>(63.7)</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

Chart 5100 C. & G. S.
 Rd. tangent Santa Catalina Is.
 bears S 37° W dist. 7.8 miles
 June

Station No. *H 6716*

Date: *July 21 1916*

1916

Hour: *5:00 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>Ranfoc 7486</i>	<i>18.0</i>	<i>-</i>	<i>0</i>	<i>18.0</i> <i>(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 5100 C. & G. S.

Rd. tangent Santa Catalina Isl.
bears $S 57^{\circ} W$ distant 7.6 miles

True

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Chart 5100 C. & G.S.
 Right tangent Santa Catalina
 Isl. bears S $73\frac{1}{2}^{\circ}$ W dist. 7.9 miles
 true

Station No. *H 6718*

Date: *July 2*

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>Ranfoc 7486</i>	<i>18.2</i>	<i>-</i>	<i>0</i>	<i>18.2</i> <i>(64.8)</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 5100 C & S

Long Point, Santa Catalina Isl.,
 bears $N 58^{\circ} 30' W$, distant
 1.2 miles.

Station No. *H679* Date: *July 23* 191*1*

Hour: *5:23* A. M. to *5:42* A. M.

Position: Lat. _____ Long. _____

Locality: *Island, Palau*

Depth: *18 fms* Bottom: _____ Sample: _____
33 m.

Wind: Direction, _____ Force, _____

Sea: *S* Sky: *O*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>Ranfoc 7456</i>	<i>18.9</i>	<i>—</i>	<i>0</i>	<i>66.0</i> (<i>66.0</i>)		
<i>29</i>		<i>#1</i>	<i>—</i>	<i>—</i>	<i>—</i>		
<i>30 M</i>		<i>#1</i>	<i>—</i>	<i>—</i>	<i>—</i>		
		<i>#2</i>	<i>—</i>	<i>—</i>	<i>—</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____ 11-5314

Collected on

NETS, ETC., USED

Am

Description	Depth	TIME		Speed
		Down	Up	
Serial Trawling	20	5:23	5:38	
Serial Trawling Apparatus #1	1070	10:23	10:38	
Serial Trawling Apparatus #2	2070	11:23	11:38	

11-5314

NOTES

1st Trawling 11:23 - 11:38
 2nd " " " " " " 11:38 - 11:53

16.2 87%

Chart 5100 C. & G.S.

(anchorage)

Left Tangier Santa Catalina Is.
 bears S 50° E, distant 3/8 miles

Left Point of Avalon Bay bears
 S 11° W distant 1/4 mile

Right Point of Avalon Bay bears
 N 53° W distant 1/4 mile

(1 mile)

Station No. 116217

Date: July 23 1914

1914

Hour: 5:52 a.m. to 6:13 a.m.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, 0

Sea: 2 Sky: 0

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf.	Ranfex 7486	18.9	-	0	18.9 (66.0)		
10.7M		#1	Failed to close				
		#2					
35.5M	NZ 165871	#1 17.2	17.2	-0.1	17.1 (62.8)		
	RTR 3717	#2 17.0	17.0	-0.2	16.8 (62.2)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

(Faint handwritten notes)

NETS, ETC., USED *am*

Description	Depth	TIME		Speed
		Down	Up	
<i>12 am # 000</i>		<i>5:50</i>	<i>6:04</i>	
<i>Serial Closing apparatus</i>		<i>5:50</i>	<i>6:04</i>	
<i>Serial Closing apparatus</i>		<i>5:50</i>	<i>6:07</i>	

11-5314

NOTES

1st ... *6:07 am*

*Chart 5100 C. & G. S.
(anchorage)*

Station No. 46719

Date: July 20

1916

Hour: 6:21 a. M. to 6:43 . M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, 0

Sea: *S* Sky: *0*

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>18.9</i>	<i>-</i>	<i>0</i>	<i>18.9 (66.0)</i>		
<i>10 fms.</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>		
<i>15 fms.</i>	<i>NZ 16:871</i>	<i>14.0</i>	<i>17.5</i>	<i>-0.15</i>	<i>13.85 (56.9)</i>		
	<i>RTR 37572</i>	<i>2-13.8</i>	<i>17.3</i>	<i>-0.02</i>	<i>13.83 (56.9)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

Edw. S. ...

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Serial closing Apparatus #1	0	6:19	6:33	
Serial closing Apparatus #1	100	6:21	6:43	
Serial closing Apparatus #2	300	6:21	6:37	

11-5314

NOTES

1st. Minimum down at 6:21
 2nd. Minimum down at 6:26
 Psy. Wt. 16.7 D 18.2 86%
 16.7

Station No. *H 6719* Date: *July 23* 191*6*

Hour: *6:54 a. M.* to *7:15 a. M.*

Position: Lat. _____ Long. _____

Locality: _____

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, *0*

Sea: *S* Sky: *B*

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>18.9</i>	<i>-</i>	<i>0</i>	<i>18.9</i> <i>(66.0)</i>		
<i>10 fms</i>	<i>NZ 165869</i>	<i>17.1</i>	<i>17.5</i>	<i>-0.25</i>	<i>16.85</i> (<i>62.3</i>)		
	<i>NZ 165869</i>	<i>#2 -</i>	<i>-</i>	<i>-</i>			
<i>20 fms</i>	<i>NZ 165871</i>	<i>15.2</i>	<i>15.9</i>	<i>-0.15</i>	<i>15.05</i> (<i>59.15</i>)		
	<i>Rtr -</i>	<i>12.7</i>	<i>13.7</i>	<i>-0.25</i>	<i>12.45</i> (<i>54.4</i>)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

C. O. DeLong,
Recorder.

NETS, ETC., USED

Am.

Description	Depth	TIME		Speed
		Down	Up	
<i>Surf net 10'</i>	0		7:07	
<i>10 m net</i>	10 m	6:55	7:13	
<i>10 m net</i>			7:11	

11-5314

NOTES

1st haul net down at 6:55
2nd haul net down at 7:13

..
 18

Station No. *1225* Date: *July 23* 191*6*

Hour: *720* A. M. to *826* . 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>17.1</i>			<i>18.8</i> <i>(6 F. 8)</i>		
<i>10 fms.</i>	<i>NZ 165868</i>	<i>17.1</i>	<i>17.5</i>	<i>0</i>	<i>17.1</i>		
	<i>NZ 165869</i>	<i>17.1</i>					
<i>30 fms.</i>	<i>NZ 165871</i>	<i>17.1</i>					
	<i>Rtr 37572</i>	<i>17.1</i>					
			<i>No. Temp's</i>				
			<i>Open haul</i>				

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

18.8 (6 F. 8)
17.1
17.1
17.1
No. Temp's
Open haul

Station No. *H-6719* Date: *July 23* 191*6*

Hour: *8³²* . M. to *9³⁶* . 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>18.9</i>	<i>—</i>	<i>0</i>	<i>18.9 (66.0)</i>		
<i>10-71</i>	<i>NZ 165868</i>	<i>17.5</i>	<i>17.5</i>	<i>-0.15</i>	<i>17.35 (63.2)</i>		
	<i>NZ 165869</i>	<i>—</i>	<i>—</i>	<i>did not work</i>			
<i>25</i>	<i>NZ 165871</i>	<i>13.5</i>	<i>17.5</i>	<i>-0.15</i>	<i>13.35 (56.0)</i>		
	<i>RIF 3757</i>	<i>13.25</i>	<i>17.5</i>	<i>-0.15</i>	<i>13.10 (55.6)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

W. B. Blake

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net # 12-000	-	8.32		
		8.32		
		9.32	9.33	
" " # 2	25-7N	8.32		
		9.32	9.33	

11-5314

NOTES

1st messenger down - 8 32 AM

Station No. *H-6719* Date: *July 23* 191*6*

Hour: . 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>Sur</i>	<i>Ranfoc 7486</i>	<i>19.0</i>	<i>-</i>	<i>0</i>	<i>19.0</i> <i>(66.2)</i>		
	<i>NZ 165868</i>	<i>17.8</i>	<i>17.2</i>	<i>+0.05</i>	<i>17.75</i> <i>(63.95)</i>		
	<i>NZ 165869</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		
<i>25-</i>	<i>NZ 165871</i>	<i>13.0</i>	<i>12.3</i>	<i>+0.17</i>	<i>13.02</i> <i>(55.4)</i>		
	<i>Rtr 37572</i>	<i>13.0</i>	<i>17.2</i>	<i>-0.03</i>	<i>12.97</i> <i>(55.3)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

W. R. Blaker

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
	—	10:15	10:45	
	15 m	9:45	10:45	
" " #2	25 m	9:45	10:45	

11-5314

NOTES

1st net 9:45 -
 2d " " 10:45 -

Station No. *H-6749* Date: *July 23* 191*6*

Hour: . 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>18.8</i>	<i>—</i>	<i>0</i>	<i>18.8</i> <i>(65.8)</i>		
<i>5-7</i>	<i>NZ 165868</i>	<i>17.3</i>	<i>17.5</i>	<i>-0.6</i>	<i>16.7</i> <i>(63.0)</i>		
	<i>NZ 165869 #1</i>	<i>Rid</i>	<i>not work</i>				
<i>2.5-7</i>	<i>NZ 165871 #1</i>	<i>17.7</i>	<i>17.5</i>	<i>-0.17</i>	<i>17.03</i> <i>(63.7)</i>		
	<i>RTY 37572 #2</i>	<i>17.0</i>	<i>17.0</i>		<i>17.0</i> <i>(63.0)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

W. D. Blaker

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net #12-000	-	10:57	11:00	
Serial Clo. App #1	10-7m	10:57	11:45	
" " #2	25-7m	10:57	11:45	

11-5314

NOTES

1st messenger down - 10:57 AM

2d " " - 11:45 AM

Psy. W 16.2 - D 18.4 - 81%
16.3

Station No. 211

Date: 11/11/11

191

Hour: 11:56 A. M. to 1:04 P. M.

Position: Lat. _____ Long. _____

Locality: *Station, Santa Catalina I.*

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>SW</i>	<i>Ranfoc 7486</i>	<i>19.5</i>	<i>-</i>	<i>0</i>	<i>19.5 (67.1)</i>		
	<i>NZ 165868</i>	<i>18.2</i>	<i>18.2</i>	<i>-0.09</i>	<i>18.11 (66.3)</i>		
	<i>NZ 165869 #12</i>	<i>-</i>	<i>-</i>				
	<i>NZ 165871</i>	<i>11.5</i>	<i>11.5</i>	<i>-0.02</i>	<i>11.48 (53.0)</i>		
	<i>Rtr 37571</i>	<i>11.5</i>	<i>11.5</i>	<i>-0.02</i>	<i>11.48 (53.0)</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Stratified -

Station No. 35 4700 Date: Jan 24 1916

Hour: 5:45 A. M. to 6:15 A. M.

Position: Lat. _____ Long. _____

Locality: Avalon, Catalina 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
Surf	Ranfoc 7486	18.6	—	0	18.6 (65.5)		
10 m	N2165869	17.1	17.5	—	17.15 (62.9)		
	N2165869	—	—	—	—		
20 m	N2165471	15.5	17.0	-0.15	15.35 (59.6)		
	Rtr 37572	11.3	17.3	-0.06	11.24 (52.2)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Leif net #12 #000				
Per. Closing app #1	10			
" " " #2	25			

11-5314

NOTES

1st messenger down 5:45 am
 2nd " " 6:15 am

av.
 11.30

Station No. 2119

Date: July 24

1916

Hour: 6:30 A. M. to 7:00 A. 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	16.8	-	0	16.8 (63.0)		
10 m	NZ 165868	#1, 16.7	17.0	-0.3	16.45 (61.6)		
	NZ 165869	#2, —	—	—	—		
25 m	NZ 165871	#1, 17.2	17.0	-0.16	17.04 (62.7)		
	RTR 37572	#2, 17.5	17.0	-0.07	17.43 (63.4)		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf net #12 #000	0			
Sur. closing net #1	10			
" " " #2	25			

12-5314
 1st messenger down
 2nd

NOTES

6:30 am
 2:00 am

av.
 12.24

Station No. ^H 770

Date: July 24 1916

Hour: 8:30 . 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 2486	18.6	—	0	18.6 (65.5)		

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

Pos. 21 ~~14~~ 16.5 0.19.4 82%

Chart 5100 C. & G. S.S.
 Spt. tangent Santa Catalina
 Is. bears S 72°-30' W
 distant 0.7 mi.

Time

Station No. ^H6721 Date: July 24 1916

Hour: 9:00 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	Ranfoc 7486	18.8	—	0	18.8 16.1		

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.

Right tangent Santa Catalina
Is., bears $N 31^{\circ}30' E$ dist.
1.7 miles

T.M.

Station No. *H 6722*Date: *July 24* 1916Hour: *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>Ranf. 2456</i>	<i>19.2</i>			<i>19.2 66.55 66.58</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. 11.75
16.2 D 16.7 78%

Chart 5100 C. & G. S.

Right tangent Santa Catalina
Is. bears N 72°-30' E dist 3.8
miles True

Station No. *H 6723*Date: *July 11*191*6*Hour: *10:00 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>Ranfoc 7486</i>	<i>19.0</i>	<i>—</i>	<i>0</i>	<i>19.0 (66.2)</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

chart 5100 C. & G. S.
 Right tangent Santa Catalina
 Island bears $N 79^{\circ} E$ distant
 7.6 miles True

Station No. *H 677*Date: *.....*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>2</i>	<i>Ranfoc 1186</i>	<i>18.5</i>	<i>—</i>	<i>0</i>	<i>18.5</i> <i>(65.5)</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

PSV W ~~16.7~~ 16.8 D 18.4 85%

Chart 5100 C. & G. S.
 Left tangent Santa Catalina
 Isl. bears η $12^{\circ}30' W$ dist.
 12.6 miles True

Station No. *H 6725* Date: *July 24* 191*6*

Hour: *11:00* 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>Ranfoc 7496</i>	<i>18.4</i>	<i>—</i>	<i>0</i>	<i>18.4 (65.1)</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 5100 C. & G. S.
 Left Tangent Santa Catalina
 Isl. bears $N 3^{\circ} 30' E$ distance
 12.6 miles. True

