

H 6843

to

H 6886

Station No. *H 6843*Date: *Aug 18*

1916

Hour: *7:30* A. M. to — . M.Position: Lat. *30°-26'-00" N* Long. *117°-49'-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>16.1</i>	<i>—</i>	<i>0</i>	<i>16.1</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 1006 H.O.

10/1/1918

Station No. *H 6844* Date: *Aug 18* 191*6*

Hour: *3:00* A. M. to — . M.

Position: Lat. *30°-22'-00" N* Long. *117°-50'-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>16.1</i>	<i>—</i>	<i>0</i>	<i>16.1</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

Psy W 13.9 D 15.7

Chart 1006 H. O.

Station No. H 6845 Date: Aug 18 1916

Hour: 3:30 A . M. to - . M.

Position: Lat. 30°-18'-00" N Long. 117°-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	16.0	—	0	16.0		

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 1006 H.O.

Station No. *H 6846*Date: *Aug 18*

1916

Hour: *4:00* A. M. to — . M.Position: Lat. *30°-14'-00" N* Long. *117°-52'-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>Ranfpe 7486</i>	<i>16.0</i>	<i>—</i>	<i>0</i>	<i>16.0</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	
<i>11-5314-711</i>				

11-5314

## NOTES

*Psy W 13.9 D 16.3*

*chart 1006*

Station No. H 6847

Date: Aug 18

1916

Hour: 4:30 A.M. to - . M.

Position: Lat.  $30^{\circ}-11'-00''$  N Long.  $117^{\circ}-52'-30''$  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
Surf	Ranfoc 7496	16.0	—	0	16.0		

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 1006

Station No. *H 6848* Date: *Aug 18* 191*6*

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

Position: Lat. *30°-07'-00"* N Long. *117°-53'-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>Ranfex 7486</i>	<i>17.0</i>	<i>—</i>	<i>0</i>	<i>17.0</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

Psy WITH D 16.5

12/11/1961

Chart 1006

Station No. *H 6849* Date: *Aug 18* 191*6*

Hour: *5:30* A. M. to — . M.

Position: Lat. *30°-03'-00" N* Long. *117°-54'-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>Ranpe 7486</i>	<i>17.5</i>	<i>—</i>	<i>0</i>	<i>17.5</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

chart 1006 A.S.

Station No. *H 6850*      Date: *Aug 18*      191*6*

Hour: *6:00* A. M. to *—* . M.

Position: Lat. *29°-59'-30" N* Long. *117°-55'-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 7492</i>	<i>17.5</i>	<i>—</i>	<i>0</i>	<i>17.5</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

Psy W 1415 D 16.5

Chart 1006 H.O.

Station No. *H 6851* Date: *Aug 18* 191*6*

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

Position: Lat. *29°-56'-00"* N Long. *117°-56'-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>17.7</i>	<i>—</i>	<i>0</i>	<i>17.7</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Muddy way*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

chart 1006 - 18.0.

Station No. *H 6952*Date: *Aug 18*

1916

Hour: *7:00* A. M. to

. M.

Position: Lat. *29°-52'-00"* N Long. *117°-57'-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>17.6</i>	<i>—</i>	<i>0</i>	<i>17.6</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 13.5 D 16.5

Chart 1006 - H.O.

Station No. H6853 Date: Aug 18 1916

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

Position: Lat. 29°-48'-00" N Long. 117°-58'-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 7426	16.8	—	0	16.8		

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	
11-83-111	95	6:21	7:10	

11-5314

## NOTES

Chart 1006 - A. A.

Station No. H 6854

Date: Aug 18

1916

Hour: 8:00 A. M. to — . M.

Position: Lat. 29°-44'-30" N Long. 117°-59'-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	Ranfco 7486	17.2	—	0	17.2		

## 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 13.7 D 16.7

Chart 1006-H.O.

Station No. H 6855

Date: Aug 18 1916

Hour: 8:30 A. M. to — . M.

Position: Lat. 29°-41'-00" N Long. 118°-00'-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 7496	17.4	—	0	17.4		

## CURRENTS

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

Transparency:

REMARKS: Under way

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Chart 1006-1910.

Station No. H 6856

Date: Aug 18

1916

Hour: 9:00 A. M. to . M.

Position: Lat. 29°-37'-00" N Long. 118°-02'-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	17.4	—	0	17.4		

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

Psy W 14.5 D 17.0

Chart 1006 - H.O.

Station No. *H 6857* Date: *Aug 18* 191*6*

Hour: *9:30* A. M. to - . M.

Position: Lat. *29°-32'-30" N* Long. *118°-03'-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 7456</i>	<i>17.4</i>	<i>---</i>	<i>0</i>	<i>17.4</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	
<i>W. orange</i>	<i>1100</i>	<i>12:24</i>		

11-5314

NOTES

*Chart 1006-17.0.*

Station No. *H 6858* Date: *Aug 18* 191*6*

Hour: *10:00 A. M.* to — . M.

Position: Lat. *29°-29'-00" N* Long. *118°-05'-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 7456</i>	<i>17.4</i>	—	<i>0</i>	<i>17.4</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

Psy W 1410 D 16.7

Chart 1006-A.O.

Station No. H 6859 Date: Aug 18 1916

Hour: 10:30 A.M. to - . M.

Position: Lat. 29°-26'-00" N Long. 118°-06'-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
Surf	Ranfex 7446	17.6	—	0	17.6		

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

Chart 1006 - A.O.

Station No. *H 6860* Date: *Aug 18* 191*6*

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

Position: Lat. *29°-29'-00" N* Long. *118°-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 74146</i>	<i>17.8</i>	<i>-</i>	<i>0</i>	<i>17.8</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 D 17.2

chart 1006-A.O.

Station No. *H 6861* Date: *Aug 18* 191*6*

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

Position: Lat. *29°-18'-00" N* Long. *118°-09'-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>Ranfex 7486</i>	<i>17.8</i>	<i>—</i>	<i>0</i>	<i>17.8</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*



Station No. *H 6862* Date: *Aug 18* 191*6*

Hour: *12:00* <sup>*noon*</sup> . M. to *—* . M.

Position; Lat. *29°-14'-00" N* Long. *118°-10'-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>17.6</i>	<i>—</i>	<i>0</i>	<i>17.6</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, 8 D 17.1

Chart 1006 - H. S.

Station No. H6863

Date: Aug 18

1916

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

Position: Lat. 29°-11'-00" N Long. 118°-11'-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
Surf	Ranfoc 7486	17.5	—	0	17.5		

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

Chart 1006-A.D.

Station No. H 6864

Date:

Aug 19

1916

Hour: 8:49 A. M. to 9:20 A. M.

Position: Lat.  $28^{\circ}50'35''$  N Long.  $118^{\circ}15'20''$  W

Locality: off St. John's Cove, Guadalupe I.

Depth: 75 meters Bottom: Sample:

- uneven bottom; unequal depths.

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	17.2	—	0	17.2		
75m.	NZ 165868 #1. NZ 165869 #2.	16.5	15.7	-0.05	15.65		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Stratit -  
Rac.

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Sov. Closing Stiff #1	25 m	8:48	9:20 9:19:30	At 1/2 7/6

11-5314

## NOTES

1st messenger down at 8:48 am.  
2d " " 9:19 "

Chart 1681 - 17.0v  
Right tangent Inner Island  
bears  $S 89^{\circ} W$  distant  $1\frac{1}{8}$  miles  
Left tangent Inner Island  
bears  $S 62\frac{1}{2}^{\circ} W$  distant  $1\frac{1}{8}$  miles

Bearings checked  
to this point  
E. B. R.

Station No. *F. 6864*Date: *Aug. 19,* 191*6*Hour: *9:30 A. M.* to *10:52 A. M.*

Position: Lat.

Long.

Locality: *Malpomena Cove, Guadeloupe 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>17.2</i>	<i>—</i>	<i>0</i>	<i>17.2</i>		
<i>20 M.</i>	<i>NZ 165869</i>	<i>1: 16.7</i>	<i>16.3</i>	<i>-0.05</i>	<i>16.25</i>		
	<i>NZ 165869</i>	<i>2: <del>16.7</del></i>					

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

*Surf -  
Rec.*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
			am	
Sec. Cts. App. # 1	50 M.	9:30	10:54 10:51:30	at anchor

11-5314

## NOTES

1st messenger down at 9:30 am.  
 25 " " " 10:51

Station No. *H. 6864* Date: *Aug. 19,* 191*6*

Hour: *10:52* A. M. to *1:00* P. M.

Position: Lat. \_\_\_\_\_ Long. \_\_\_\_\_

Locality: *Malpomeno Cove, Guadalupe 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 7496</i>	<i>17.2</i>	<i>—</i>	<i>0</i>	<i>17.2</i>		
<i>15 M.</i>	<i>NZ 165868</i>	<i>16.8</i>	<i>17.5</i>	<i>-0.05</i>	<i>16.75</i>		
	<i>NZ 165869</i>	<i>2</i>					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: \_\_\_\_\_ Transparency: \_\_\_\_\_

REMARKS:

11-5314

*Struik - } Recorders.*



## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Sur. Cl. App. #1	15 M.	10:58	12:55 PM	at anchor

11-5314

## NOTES

1st messenger down 10:58 am.  
 2d " " 12:55 pm

Station No. 6864

Date: Aug 19

1916

Hour: 1:00 P.M. to 2:30 P.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	Ranfex 7496	17.1	—	0	17.1		
10 m	NZ 165868	16.9	16.5	-0.05	16.45		
	NZ 165869	#2					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Dev. App. #1	10 m	1:00 pm		

11-5314

NOTES

1st messenger down 1:00 pm  
 2nd " " 2:30 "

Station No. *H 6864*Date: *Aug 19*191*6*Hour: *2:35* 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>Ranfex 7486</i>	<i>17.0</i>	<i>—</i>	<i>0</i>	<i>17.0</i>		
<i>20 m</i>	<i>NZ 165868 1</i>	<i>16.7</i>	<i>16.0</i>	<i>-0.05</i>	<i>16.65</i>		
	<i>NZ 165869 2</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	
<i>Sw. app. #1</i>	<i>20m</i>	<i>7m</i>	<i>7m</i>	

11-5314

## NOTES

*1st messenger down 2:35 pm*

*2nd " " 4:00 pm*

*Failed to close enough to hold water*

Station No. *H-6865* Date: *Aug 20* 191*6*Hour: *9<sup>10</sup>* a. M. to *9<sup>45</sup>* a. M.

Position: Lat. Long.

Locality:

Depth: *655 fms* Bottom: *Volc Ash* 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>16.9</i>	<i>—</i>	<i>0</i>	<i>16.9</i>		
<i>25-711</i>	<i>NZ 98256 R</i>	<i>62.0</i>	<i>—</i>	<i>-0.4</i>	<i>61.6</i>		<i>#5</i>
	<i>NZ 62955 L</i>	<i>62.0</i>	<i>—</i>	<i>-0.5</i>	<i>61.5</i>		
<i>50-711</i>	<i>NZ 98260 R</i>	<i>60.8</i>	<i>—</i>	<i>-0.5</i>	<i>60.3</i>		<i>#2</i>
	<i>NZ 71738 L</i>	<i>60.6</i>	<i>—</i>	<i>-0.6</i>	<i>60.0</i>		
<i>75-711</i>	<i>SV 496 R</i>	<i>14.8</i>	<i>15.4</i>	<i>-0.2</i>	<i>14.6</i>		<i>#4</i>
	<i>NZ 165871 L</i>	<i>14.05</i>	<i>16.5</i>	<i>-0.15</i>	<i>13.9</i>		
<i>100-711</i>	<i>SV 805 R</i>	<i>12.35</i>	<i>16.4</i>	<i>+0.05</i>	<i>12.4</i>		<i>#1</i>
	<i>RTR 150 L</i>	<i>12.4</i>	<i>15.2</i>	<i>-0.05</i>	<i>12.35</i>		
<i>200-711</i>	<i>SV 497 R</i>	<i>9.3</i>	<i>14.8</i>	<i>-0.1</i>	<i>9.2</i>		<i>#3</i>
	<i>NZ 164892 L</i>	<i>9.4</i>	<i>14.7</i>	<i>-0.2</i>	<i>9.2</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

*W W Blaker  
Rec'd*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Idg aft -	7m	9.10		
Steam Machine	655	9.18	9.24	

11-5314

## NOTES

Bottles down - 9.21  
 Mggt " - 9.31  
 Bottles up - 9.45

Psy (9.31) W 13.8 D 16.6

Bottles #2, #4, did not close tightly

Drifted S 45° W, 2 3/4 mi.  
 from Long. 118° 15' 45" W  
 Lat. 29° 44' 45" N

to  
 Long. 118° 19' 00" W  
 Lat. 28° 41' 30" N

H.O. charts 1681, 1006.

Station No. *H-6865* Date: *Aug 20* 191*6*

Hour: *9<sup>56</sup>* A.M. to *10<sup>32</sup>* 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
<i>300</i>	<i>NZ 98256</i>	<i>R-48.0</i>	<i>—</i>	<i>-0.6</i>	<i>47.4</i>		<i># 5</i>
	<i>NZ 62855</i>	<i>L-48.0</i>	<i>—</i>	<i>-0.8</i>	<i>47.2</i>		
<i>400</i>	<i>NZ 98260</i>	<i>R-44.7</i>	<i>—</i>	<i>-0.65</i>	<i>44.05</i>		<i># 2</i>
	<i>NZ 71738</i>	<i>L-45.0</i>	<i>—</i>	<i>-0.85</i>	<i>44.15</i>		
<i>500</i>	<i>SV 496</i>	<i>R-6.1</i>	<i>13.8</i>	<i>-0.15</i>	<i>5.95</i>		<i># 4</i>
	<i>NZ 165871</i>	<i>L-6.3</i>	<i>14.3</i>	<i>-0.15</i>	<i>6.15</i>		
<i>600</i>	<i>SV 805</i>	<i>R-5.58</i>	<i>14.2</i>	<i>-0.15</i>	<i>5.43</i>		<i># 1</i>
	<i>Rtr 150</i>	<i>L-5.6</i>	<i>13.3</i>	<i>-0.15</i>	<i>5.45</i>		
<i>800</i>	<i>SV 497</i>	<i>R-4.6</i>	<i>13.5</i>	<i>-0.2</i>	<i>4.4</i>		<i># 3</i>
	<i>NZ 164892</i>	<i>L-4.6</i>	<i>13.0</i>	<i>-0.25</i>	<i>4.35</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: \_\_\_\_\_

Transparency: \_\_\_\_\_

REMARKS: \_\_\_\_\_

11-5314

*W. B. Blaker*  
*Rec'd*



## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Bottles down	-	9 <sup>56</sup>		
Wagr	-	10 <sup>06</sup>		
Bottles up	-	10 <sup>32</sup>		

11-5314

## NOTES

Wagr - 6 min travel

Bottle #4 did not close tightly

Station No. *H 6866*

Date: *Aug 20*

1916

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

Position: Lat. *28-37-30 N* Long. *118-21-00 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>16.6</i>	—	<i>0</i>	<i>16.6</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 14.1 D 16.8  
Corrected

Chart 1006 H.O.

Station No. *H 6867*Date: *Aug 20*

1916

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

. M.

Position: Lat. *28-33-30 N* Long. *118-27-30 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>16.4</i>	<i>—</i>	<i>0</i>	<i>16.4</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

Chart H.O. 1006

Station No. 46868

Date: Aug 20

1916

Hour: 17:00 <sup>7:00 PM</sup> M. to

. M.

Position: Lat. 28-28-00 N Long. 118-27-00 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
Surf	Ranfoc 7486	16.5	—	0	16.5		

## 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

*Chart 1006 H.O.*

Station No. 176869

Date: Aug 20

1916

Hour: 12:30 P.M. to — . M.

Position: Lat. 28-24-30 N Long. 118-29-00 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	16.8	—	0	16.8		

## 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	

11-5314

## NOTES

Chart 1006 H.O.

Station No. 176870

Date: Aug 20

1916

Hour: 1:00 P. M. to -

. M.

Position: Lat. 28-20-30 N Long. 118-30-00 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	17.0	—	0	17.0		

## 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 14.7 D 17.5  
Corrected:

Chart 1006 H.O.

Station No. *H 6871*

Date: *Aug 20*

191*6*

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

. M.

Position: Lat. *28-17-00 N* Long. *118-32-30 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>17.0</i>	<i>—</i>	<i>0</i>	<i>17.0</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way*



Station No. *176872*Date: *Aug 20*

1916

Hour: *7:00 P* . M. to -

. M.

Position: Lat. *28-13-00 N* Long. *118-34-00 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>17.2</i>	<i>-</i>	<i>0</i>	<i>17.2</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 1006 H.O.*

Station No. *H16873*Date: *Aug 20*191*6*Hour: *2:30 P.* M. to - . M.Position: Lat. *28-10-00 N* Long. *118-35-00 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>18.0</i>	<i>42</i>	<i>0</i>	<i>18.0</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 1006 H.O.*

Station No. *H 6874*Date: *Aug 20*

1916

Hour: *3:00* P. M. to - . M.Position: Lat. *28-5-00 N* Long. *118-38-00 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>18.2</i>	<i>—</i>	<i>0</i>	<i>18.2</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *lincoln way*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy W 12.6 D 17.7  
Connected

Chart 1006 H.O.

Station No. H 6875

Date: Aug 20

1916

Hour: 3:30 P.M. to -

.M.

Position: Lat. 28-2-30 N Long. 118-40-00 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	18.2		0.0	18.2		

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

Chart 1006 H.O.

Station No. *H 6876*Date: *Aug 20*191*6*Hour: *4:00 P*. M. to — . M.Position: Lat. *27-58-00 N* Long. *118-42-00 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>Ranfner 7496</i>	<i>18.1</i>	<i>—</i>	<i>0</i>	<i>18.1</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 1006 H.O.

Station No. H6877

Date: Aug 20

1916

Hour: 4:30 P. M. to -

. M.

Position: Lat. 27-55-00 N Long. 118-44-00 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	18.0	—	0	18.0		

## 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 1006 H.O.

Station No. H 6878

Date: Aug 20

1916

Hour: 5:00 P. M. to -

. M.

Position: Lat. 27-51 00 N Long. 118-46 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	Ranfex 7466	17.9	—	0	17.9		

## 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 15.2 D 18.2  
Corrected

chart 1006 H.O.

Station No. H 6879 Date: Aug 20 1916

Hour: 5:30 P. M. to . M.

Position: Lat. 27-47-00 N Long. 118-48-00 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	Ranfex 7486	17.7	—	0	17.7		

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 1006 H.O.*

Station No. H 6880

Date: Aug 20

1916

Hour: 6:00 P.M. to - . M.

Position: Lat. 27-43 -30 N Long. 118-50-00 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	17.9	-	0	17.9		

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

Chart 1006 H.O.

Station No. *H6881*Date: *Aug 20*

1916

Hour: *7:00 P. M.* to *-*

. M.

Position: Lat. *27-36-00 N* Long. *118-53-30 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>Ranfex 7486</i>	<i>18.0</i>	<i>-</i>	<i>0</i>	<i>18.0</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

Psi W 14.7 D 17.7  
Corrected

chart 1006 H. O.

Station No. *H 6882*Date: *Aug 20*191*6*Hour: *7:30* P. M. to - . M.Position: Lat. *27-32-00 N* Long. *118-55-00 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>17.8</i>	<i>-</i>	<i>0</i>	<i>17.8</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 1,006 H. O.

Station No. H 6883

Date: Aug 20

1916

Hour: 8:00 P. M. to - . M.

Position: Lat. 27-28-00 N Long. 118-58-00 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 7496	17.8	—	0	17.8		

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	

11-5314

## NOTES

Chart 1006 H. O.

Station No. *H6884* Date: *Aug 20* 191*6*

Hour: *8:30* P. M. to - . M.

Position: Lat. *27-24-00 N* Long. *119-00-00 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>17.8</i>	<i>—</i>	<i>0</i>	<i>17.8</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 1006 H.O.*

Station No. *H 6885*Date: *Aug 20*

1916

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

. M.

Position: Lat. *27-21-00 N* Long. *119-2-00 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>17.8</i>	<i>—</i>	<i>0</i>	<i>17.8</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 15.2 D17.7  
Corrected

chart 1006 H.O.

Station No. H 6886

Date: Aug 20

1916

Hour: 9:30 P. M. to -

. M.

Position: Lat. 27-17-00 N Long. 119-4-00 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	17.8	—	0	17.8		

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	

11-5314

## NOTES

Chart 1006 H.O.