FH

XV

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION RECORDS

Numbers 9711 to 9726

615

DEPARTMENT OF COMMERCE

BUREAU OF FISHERIES

RECORD OF DREDGINGS

S-V No1076 (23472)

VI (½ meter net ½ #2; ½ #0 silk)

T.B.1 and VI =

615 FH9711

Station No. FH 15.38 Date: Dec 15 1925

Hour: 8.10 A. M. to 9.45 A. M.

Position: Lat. 42 24 45" Long. 70 52-15"

Locality: Nahant.

Depth: 30m Bottom: Sample:

Wind: Direction, NW Force, 2

Sea: Choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	5	53	35				
14	2	5.3	3.8				
28	6	2.8	3.5	?			

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	
V1 (1 meter)	25m	—0		
T1 (2 meters)	0m	9.23	9.50	4m
TB1 (meter	25m	—9.20	9.40	

11—5314

NOTES

Bottle 15, 38; V1m contents spoiled.

615 9712

Station No. 15.36 Date: Dec 15 1925

Hour: 11.17 A. M. to 12 17 P. M.

Position: Lat. 42 30-15 Long. 70-43-15

Locality: Newcomb Ledge, Baker Island

Depth: 59 M Bottom: Sample:

Wind: Direction, NW Force, 4

Sea: choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	5	3.9	5.3				
25	6	3.9	10.6				
50	2	4.5	4.6				

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	
VI (metre)	55 m	0		
T I (½ metre)		11.27	11.47	10 m
TB (metre)		11.27	11.47	
		11.50	12.10	

11—5314

NOTES

615

Station No. 9713 / 15.35 Date: Dec 15 1925

Hour: 1.05 P. M. to 1.53 P. M.

Position: Lat. 42-34-30 Long. 70-38-00

Locality: Eastern Point

Depth: 50m Bottom: Sample:

Wind: Direction, NW Force, 3

Sea: choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	2	5.3	4.45				
25	5	5.3	4.45				
45	6	5.3	4.45				

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	
V 1 (meter) 0 m		1105	1120	
T 1 (½ meter)		1120	1,20	Pm
TB 1 (meter) 40 m		1,20	1,50	Pm

11—5314

NOTES

615

Station No. 9714 15.30 Date: Dec 16 1925

Hour: 7.55A .M. to 10. A .M.

Position: Lat. 42-38-00 Long. 70.25=15

Locality:

Depth: 100m Bottom: Sample:

Wind: Direction, NW Force, 1

Sea: choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
~~0~~	~~6~~	~~11.2~~	~~5.5~~	(wrong)			
50	5	5.4	3.5				
95	2	5.8	5				
0	2	5.3	5				

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: T.B.1 Sounding 110m. 11—5314
angle of wire 60° Line out 200m.
net attached 15ft above weight
Rose filled with mud. Sounding at end 115m

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
V1 1 meter		814	850	
T 1½ meter		915	940	
TB 1 meter	net ripped	915	940	
TB2 — 9.17 —		937	A.M	

11—5314

NOTES

net filled with mud
ripped

TB2 Sounding 115 m
Line out 200 m angle 60°
net 30 ft above weight
Filled with mud Sounding at end 120 m

615

Station No. 9715 Date: Dec 16 1925

16.31

Hour: 10.55 A.M. to 11.55 A.M.

Position: Lat. 42-30-30 Long. 70-20-30

Locality:

Depth: 145 M Bottom: Sample:

Wind: Direction, NW Force, 0-1

Sea: choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	5	5.65	5.5				
50		5.55	5				
100	5	5.6	5.				
140		5.6	5.4				

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	
VI	100	1118	1120	
T 1½ m 11.15	0 m	30 min 1120	1153	
TB, (metr net) (260° 100 m line out.)	50 m	30 min 1120	1153	

11—5314

NOTES

615

Station No. 9716 Date: Dec 16 19

15,32A

Hour: 1.20 P . M. to . M.

Position: Lat. 42-23-30 Long. 70-13-00

Locality:

Depth: 40 m Bottom: Sample:

Wind: Direction, NW Force, 1-2

Sea: choppy Sky: OC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	6	5.4	5				
20	2	5.3	5				
40	5	5.4	5				

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	
V1 40m-0		127	139	
T1 20mm		143	200	
TB, (25.7m duck)		143	200	

11—5314

NOTES

615

Station No. 9717 / 15.42 Date: Dec 16 1925

Hour: 340 P. M. to 420 P. M.

Position: Lat. 69,55.30" Long. 42,13

Locality:

Depth: 110 m Bottom: Sample:

Wind: Direction, NW Force, 2

Sea: choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	6	5.6	6				
50	2	5.7	5.7				
100	5	5.4	5.2				

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	
T1 0m		357	414	
V1 100 — 0		340	346	
TB1 (100 m out 50°L)		64.3	meters deep	

11—5314

NOTES

615

Station No. 9718 15.34 Date: Dec 16 1925 191

Hour: 5.05 P . M. to 5 39 . M.

Position: Lat. 42-07-45 Long. 70-06-00

Locality: East-Stellwagen Bank

Depth: 50 m Bottom: Sample:

Wind: Direction, NW Force, 3

Sea: Choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	6	5.2	5.2				
25	5	5.15	4.7				
45	2	5.2	4.7				

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
V1 — 45m 0		508	575	534-537
T1 — 0m		520	530	
TB — (50m 465°)		21 m/min		

11—5314

NOTES

615

Station No. 97.19 / 15.06 Date: Dec 17 191[illegible]

Hour: 808 Am . M. to 852 P . M.

Position: Lat. 41-53-30 Long. 70-09-30

Locality: off Wellfleet Harbor

Depth: 25m Bottom: Sample:

Wind: Direction, NW Force, 4

Sea: Choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	5	4.4	4				
15	2	4.5	4				
25	5	4.5	4				

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	
V1	25 — 0			
TB1 — 30 min (255° line out 25 m) Depth 14 m				
T1 30 min				

11—5314

NOTES

615

Station No. 9720 / 15.07 Date: Dec 17 1925

Hour: 927 A.M. to 1005 A.M.

Position: Lat. 41-49-30 Long. 70-11-15

Locality: Billingsgate Shoal

Depth: 15 m Bottom: Sample:

Wind: Direction, NW Force, 4

Sea: choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	2	2.8	2.7				
15	5	2.9	2.7				

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	
VI —	10 —	0		
T (½ meter)	30 min			
T.B. 1 meter (60°	11 meters	)		
9.5 meters deep				30 min

11—5314

NOTES

615

Station No. 9721 15.6A Date: Jun 17 191 5

Hour: 11.15 A .M. to 1157 .M.

Position: Lat. 44-56 00 Long. 70-18-30

Locality: Fishing Bank.

Depth: 39 Bottom: Sample:

Wind: Direction, NW Force, 4

Sea: Choppy Sky: 3 C

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	5	5.4	4.8				
15	2	5.4	5				
35	5	5.2	4.7				

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	
V1 (m)	35 — 0			
T1 (1/2 m)	30 m			
TB1 (m) — 30 min. (65°L 31 meters) 13 meters deep,				

11—5314

NOTES

615

Station No. 9722 Date: Dec 17 191 25
15-10

Hour: 1.05 P . M. to 1.30 P . M.

Position: Lat. 41-38-00 Long. 70-30-15

Locality: Off Rocky Point

Depth: 43 Bottom: Sample:

Wind: Direction, NW Force, 3

Sea: choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0		5.	4.7				
20		5.10	4.5				
40	5	5.10	5.2				

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	
V/ (m)	40 — 0			
TB, — 30 min	(35m 60° 17.5 deep)			
T 1/2 m 30 min				

11—5314

NOTES

615

Station No. 9723 15.04 Date: Dec 19 191

Hour: 11.53 A. M. to 12.33 P. M.

Position: Lat. Long.

Locality:

Depth: 65m Bottom: Sample:

Wind: Direction, NW Force, 4

Sea: Choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	1	4.6	5.7				
		4.8	5.0				
30	2		5.1				
		4.9	5.0				
60	5						

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	
V 1 m	60-0	11.53	11.55	
T 1/2 m		12.03	12.33	
T.B 1 m	(55°L 60 metres out)			34.4 metres deep
		12.04	12.31	

11—5314

NOTES

615

Station No. 9724 Date: Dec 19 23 191

15.02

Hour: 1.29 .M. to 2.12 .M.

Position: Lat. Long.

Locality:

Depth: 68m Bottom: Sample:

Wind: Direction, W Force, 3

Sea: Choppy Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	1	4.9	5.2				
35	2	4.9	4.9				
68	5	4.9	5.0				

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	
V1 m	65-0	1.30	1.35	
T ½ m		1.40	2.10	
T B 1m	(L 60° 68 m out) 34 meters deep		1.40	2.10

11—5314

NOTES

615

Station No. 9725 15, 18A Date: Dec 19 1925

Hour: 2, 50 P. M. to 3, 38 P. M.

Position: Lat. Long.

Locality:

Depth: 68m Bottom: Sample:

Wind: Direction, W Force, 2

Sea: Smooth Sky: BC

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	1	5, 1	5.0				
35	2	4.9	5.0				
68	5	5.0	5.0				

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	
V 1m	65m - 0			2.52-2.69
T 1/2 m	0m			
TB 1m (255° 64 meters out) 31.5m deep				3.08-3.38

11—5314

NOTES

615

Station No. 9726 15.15 Date: Dec 19 191 25

Hour: 4.19 .M. to 5 P .M.

Position: Lat. Long.

Locality:

Depth: 25 m Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	5	3,4	4.				
15	2	3,5	4,				
25	5	3,5	4.				

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	
V 1 m	25 m	0	4.20 – 4.23	
T ½ m	0	432.		
T B 1 m (L 47° 25 metres) 17 metres deep			432 – 5 P.M.	

11—5314

NOTES

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

NOTES

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

NOTES

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

615

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

NOTES

615

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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	

NOTES

615

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

615

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

Station No. Date: 191

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.	Correction	Corrected Temp.	W. Sample	Bottle used

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

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Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

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Position: Lat. Long.

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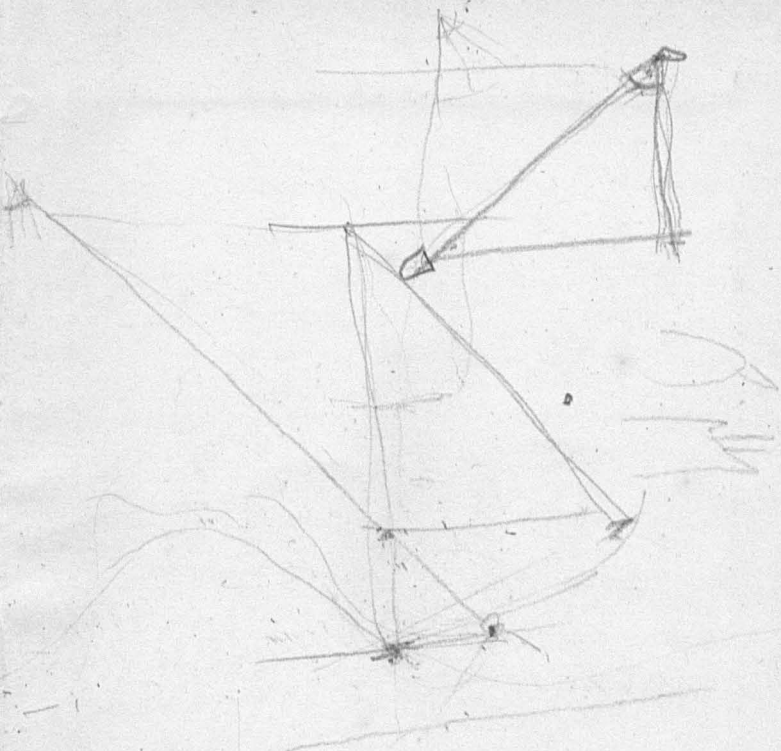
11—5314

NOTES



$$\frac{C = A - 3x}{\ldots}$$

$$7 \quad C \times A + 3x$$

$$\begin{array}{r} 14 \\ 3 \\ \hline 42 \\ 12 \\ \hline 54 \end{array}$$