SMOOTH

8595
To
8640.

INCLUSIVE.

FISH HAWK.
8595
To
8640

Chart No. ..... Date ..... Pub. by .....

Station No. 8595 Date: 7/25/16. 191

Hour: 11 17 A. M. to 12 15 P. M.

Position: Lat. 36° 57' 2" Long. 76° 0' 26"

Locality: Cape Henry Li. S 5/8 W. Li. Ship N. 3/8 E. Coal Buoy C-1, W 1/4 S.

Depth: 12 f. Bottom: Hard Sample:

Wind: Direction, SSE Force, 2

Sea: Moderate Sky: O.C. & Raining

TEMPERATURES

Depth fm.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.R.	74.3				+	
7	98762	71.9				+	B
15	98767	69.5				+	
11	80479	69.8				+	
3	98762	74.B					B.

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	
B.N.H.M.B.	12-12½	11 38	11 53	
#5 Sick.	Surf.	"	11 53	
#20 Sick.	Surf.	"	11 53	
Welsh Net	12¾-12¾	11 52	12 09	

11—5314

NOTES

Tide: Ebbing

Course: Dredging.

EXS.

Chart No. ... Date ..... Pub. by .....

Station No. 8516 Date: 7/25/16. 191

Hour: 12 36 P. M. to 1 25 P. M.

Position: Lat. 36° 58' 53" Long. 76° 0' 22"

Locality: Tail of Horseshoe Li. Ship SW 3/8 S. Cape Henry Li. S 3/4 W. Yellow Cau Buoy

Depth: 7½ f. Bottom: Hard Sample: WWW Sand.

Wind: Direction, S Force, 2

Sea: Moderate Sky: O.C.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M.							
0	B.T.	73.5				8 +	
5	98767	74.4				+	E.
11	88479	71.7				8 +	D.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth F.	TIME Down	TIME Up	Speed
B.T. & M.B.	7-6½	1 05	1 20	
#5 Silk	Sur.	1 05	1 20	
#20 Silk	Sur.	1 05	1 20	

11—5314

NOTES

Tide: Ebbing.

Course: Dredging

S.E. x E.

Chart No. 855 Date: Pub. by

Station No. 855 Date: 7/25/16 191

Hour: 1430 P. M. to 915 A. M.

Position: Lat. 37° 0' 58" Long. 75° 58' 45"

Locality: Cape Charles Li. NE x N. Bell buoy #4 SE 4 S.

Depth: 4½ f. Bottom: Hard Sample:

Wind: Direction, S.S.E. Force, 4

Sea: Choppy Sky: Cloudy

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	75.0				+	
5.5	80479	74.9				+	B.

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	
B. D. & M. B.	4-4	1 51	2 11	
#5 Silk	Surf.	1 51	2 11	
#20 Silk	Surf.	1 51	2 11	

11—5314

NOTES

Tide: Ebbing.

Course: Dredging N.E.

Chart No. ..... Date ..... Pub. by .....

Station No. 8598 Date: 7/25/16 191

Hour: 2h 38m P. M. to 3h 42m P. M.

Position: Lat. 37° 3' 27" Long. 75° 58' 19"

Locality: Bury #4 ESE. Cape Charles Li. N.E. Ai. Ship. S.W.

Depth: 9½ f. Bottom: Hard Sample:

Wind: Direction, S Force, 4

Sea: Choppy Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
m.							
0	13 T.	75.0				+	
8	98267	75.6				+	8
15	80479	75.0				+	15

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	
B. Trawl from B.	6½-7¼	3 03	3 23	
# 5 Sick.	"	3 18	3 24	
# 20 "	"	3 03	3 23	
Welsh ner	7¼-7	3 28	3 38	

11—5314

NOTES

Tide; Flood

Course: Dredging

S. E. x S ½ S.

Chart No. ..... Date ..... Pub. by .....

Station No. 8599 Date: 7/26/16. 191

Hour: 9^00 a. M. to 11^15 a. M.

Position: Lat. 37° 15' 7" Long. 76° 4' 44"

Locality: Cherrystone Li. E¾N. Plantation Li. S.E¼S. Nun buoy N ¼ W.

Depth: 25 f. Bottom: Soft Sample: Soft black mud

Wind: Direction, S Force, 3

Sea: Choppy Sky: Cloudy

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B. T.	75.8				S +	
6	98267	77.0				+	E.
11	98262	76.1				S	B.
22	98262	75.2				+	
32	98267	75.0				S +	E.
42	80479	75.6					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	~~Depth~~ 7.	TIME Down	TIME Up	Speed
1/2 Meter Vertical	25-0	9 14	9 15	
B.T. & M.B.	17-22	9 40	10 00	
#5 Silk.	Surr.	9 40	10 00	
#20 Silk.	Surr	9 40	10 00	
Welsh Net	15-14	10 20	10 31	
B.T. & M.B.	14-24	10 54	11 09	

11—5314

NOTES

Tide: Flooding

First dredging course
S.E. 1/2 S.

NOTE: Lashings on trawl carried away, trawl came to the surface empty at 10 00 am.

Second dredging course:
S.S.W.

Last haul
from 14 to 24
fathoms.

Chart No. 1 Date Pub. by

Station No. 8600 Date: 7/26/16 191

Hour: 11 50 a. M. to 12 15 M. M.

Position: Lat. 37° 15' 18" Long. 76° 7' 38"

Locality: New Pt. Comfort Li. NW x W ½ W.
Old Plantation Li. SE x E ½ E.

Depth: 8.5 f Bottom: Sofr Sample:
Sofr mud

Wind: Direction, S. Force, 3

Sea: Choppy Sky: O.C. & Raining

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	76.5				g +	
5	80479	78.0				+	G.
12	98262	75.9				g +	B.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	~~Depth~~ 7,	TIME		Speed
		Down	Up	
Mud Bay	7-6 3/4	11 58	12 08	

11—5314

NOTES

Tide: Flooding

Course: Dredging
S.W.

Chart No..... Date..... Pub. by.....

Station No. 8601 Date: 7/26/16 191

Hour: 12 48 P. M. to 12 56 P. M.

Position: Lat. 37° 15' 59" Long. 76° 11' 51"

Locality: York Spit Li. SW. New Pt. Comfort Li. NW x W

Depth: 7½ f Bottom: Soft Sample: Soft black mud

Wind: Direction, South Force, 2

Sea: Smooth Sky: Partly Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
m							
0	B.T.	76.8				+	
5	98767	77.0				+	E.E.
10	80479	76.8				+	N.

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

Tide: Flooding

Chart No. ..... Date ..... Pub. by .....

Station No. 8602 Date: 7/26/16 191

Hour: 1 17 p. M. to 1 35 p. M.

Position: Lat. 37° 17' 1" Long. 76° 14' 14"

Locality: Wolfe Trap Li. NNE ¼ E. New Pt. Comfort Li. N.W.X W. York Spit Li SXW ¼ W

Depth: Bottom: Sample:

Yellow sand and mud.

Wind: Direction, S Force, 2.

Sea: Smooth Sky: Partly Cloudy

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B. F.	77.4				J +	
6	80479	77.9				J +	G.

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	
Mud bag	5½-6	1 25	1 32	

11—5314

NOTES

Tide: Flooding

Course, Dredging
N.E. to S.E.

Chart No..... Date..... Pub. by.....

Station No. 8603 Date: 7/26/16. 191

Hour: 4 05 P.M. to 5 05 P.M.

Position: Lat. 37° 23' 30" Long. 76° 4' 50"

Locality: Cherrystone Li. S 7/8 E. New Pt. Com. Li. S. W. x W. 7/8 W. Wolfe trap Li. W ½ N.

Depth: 13 f. Bottom: Hard Sample:

Wind: Direction, SSE Force, 4-5

Sea: Choppy Sky: Partly Cloudy

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.D.	77.3				+	
6	98764	78.6				+	B.
13	98267	76.9				+	E.
22	80479	75.9				+	G.

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	
B.T. & M.B.	13-12½	4²⁸	4⁴³	
#5 Silk	Surf.	"	"	
#20 Silk	Surf.	"	"	
Welsh Net	13-7¼	"	"	

11—5314

NOTES

Tide:

Course: Dredging
S. to W. to N.

Chart No. ..... Date ..... Pub. by .....

Station No. 8604 Date: 7/27/16. 191

Hour: 7^00 a.m. M. to 8^15 a.m.

Position: Lat. 37° 35' 24" Long. 76° 11' 24"

Locality: Windmill Pt. Li. W X N. ½ N. Stingray Pt. Li. W X S 5/8 S.

Depth: 7 3/4 Bottom: Sofr Sample: Sofr black mud.

Wind: Direction, S Force, 3.

Sea: Choppy Sky: Partly Cloudy

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	77.2			8 +		
6	98267	78.4			+		8
1 3	80479	78.6			8 +		8

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	
B. D. & M. B.	8½-7½	7 39	7 54	
#5 Silk.	Sur,	"	"	
#20 Silk.	Sur,	"	"	
Weeks	7¼-7	8 00	8 10	

11—5314

NOTES

Tidal Flooding

Course: Dredging
S X E.

Chart No. ..... Date ..... Pub. by .....

Station No. 8605 Date: 7/27/16 191

Hour: 8 40 a. M. to 9 00 a. M.

Position: Lat. 37° 34' 20" Long. 76° 7' 54"

Locality: Stingray Pr. Li. W. Windmill Pr. Li. W.N.W.

Depth: 7 F. Bottom: Sofr Sofr Black Mud Sample:

Wind: Direction, S.W. Force, 3

Sea: Choppy Sky: Partly Cloudy

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B. T.	77.2					
9	8 14 79	79.0					

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	
Mud bag	7-7	8 47	8 55	
Tide: Flooding				

11—5314

NOTES

Course: Dredging.

E x S ½ S.

Chart No..... Date..... Pub. by.....

Station No. 8606 Date: 7/27/16. 191

Hour: 9 33 a. M. to 10 25 a. M.

Position: Lat. 37° 33' 7" Long. 76° 2' 34"

Locality: San Marcos Wrk. N 3/8 W. Maps Creek Pv. E x S.

Depth: 10¼ f. Bottom: Sofr Sample: Sofr black mud + marine growth

Wind: Direction, S.W. Force, 4

Sea: Choppy Sky: Party Cloudy

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.D.	77.8				q +	
5	98262	78.9				+	B.
10	98267	78.0				q +	E.
17	80479	77.3				+	D.

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	
B. J. & M. B.	10½-9	9 53	10 08	
#5 Silk.	Surf	9 53	10 08	
#20 Silk.	Surf	9 53	10 08	
Welsh	8¾-8½	10 16	10 21	

11—5314

NOTES

Tide: Flooding

Course: Dredging.

S ½ E.

Chart No. ..... Date ..... Pub. by .....

Station No. 8607 Date: 7/27/16, 191

Hour: 10 45 a. M. to 11 20 a. M.

Position: Lat. 37° 33' 19" Long. 75° 58' 21"

Locality: 500 Yds. N.W. X W½ W from Can Buoy #1

Depth: 3 f. Bottom: Hard Sample:

Wind: Direction, S.W. Force, 3.

Sea: Choppy Sky: Clear.

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B. F.	77.8				g +	
4	80479	79.0				+	G.

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	
Otter Trawl	Surf.	11 07	11 04	
B. T. & M. B.	4 3/4-3	11 09	11 17	
#5 Silk Net.	Surf.	11 09	11 17	
#20 Silk "	Surf.	11 09	11 17	

11—5314

NOTES

Tide: Flooding

Course: Dredging.

E.N.E.

Chart No. 8 ... Plate ..... Pub. by .....

Station No. 8608 Date: 7/27/16 191

Hour: 2 02 P. M. to 3 38 P. M.

Position: Lat. 37° 52' 5" Long. 76° 9' 39"

Locality: Gr. Wicomico Li. SWXW 1/4W.
Smiths Pt. Li N.N.W. 1/2 W.

Depth: 23 f. Bottom: Soft Sample:

Wind: Direction, S.W. Force, 3.

Sea: Smooth Sky: Partly clear.

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	78.5				+	
9	98267	78.5				+	E.
18	98262	77.5				+	B.
20	98262	77.7				+	B.
30	98267	77.6				+	E.
40	80479	78.0				+	D.

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	
½ Meter Vertical	23-0	2 25	2 24	
B.J. & M.B.	20¾-25	2 40	3 00	
#5 Silk net	Surf.	2 40	3 00	
#24 Silk "	Surf.	2 40	3 00	
Welsh net	26-24	3 17	3 32	

11—5314

NOTES

Tide: Ebbing.

Course: Dredging
S x W.

B. J. Haul: Depths
W ¾ - 24½ - 25 - 25¼ - 25.

Welsh net Haul.
26 - 25 - 24 - 19 ¼.

Chart No. ..... Date ..... Pub. by .....

Station No. 8609 Date: 7/29/16 191

Hour: 4[15] p. M. to 4[25] p. M.

Position: Lat. Too thick Long to take any bearings.

Locality: Too thick for observation.

Depth: 7 f. Bottom: Sofr Sample:

Wind: Direction, N. W. Force, 2

Sea: Choppy Sky: O.C. & R.

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B. T.	78.5				S +	
5	98267	79.0				+	E.
11	80479	78.8				S +	D.

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

Tide; Ebbing.

Chart No..... Date..... Pub. by.....

Station No. 810. Date: 7/27/16. 191

Hour: 4 50 P. M. to 5 36 P. M.

Position: Lat. 37° 52' 24" Long. 76° 4' 59"

Locality: Smiths Pt. Lt. W 7/8 N. San Marcos wreck S 3/8 W. Langley Fld. Lt. SE. ½ S.

Depth: 3 f. Bottom: Hard Sample:

Wind: Direction, NW Force, 1

Sea: Smooth Sky: O.C. & Raining

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B. T.	78.2				S +	
4	9826 r	79.0				+	B.

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	
B. D. & M. B.	4¾-5⅗	5-26	5-36	
#5 Silk	Sur.	"	"	
#20 Silk	Sur.	"	"	

11—5314

NOTES

Tide: Ebbing

Course: Dredging

S.S.E.

Chart No. ..... Date ..... Pub. by .....

Station No. 8611 Date: 7/28/16 191

Hour: 5 42 a. M. to 6 42 a. M.

Position: Lat. 38° 0' 27" Long. 76° 22' 54"

Locality: Bell Buoy NW 3/4 W. Pt. Lookout
Li. NE x E 1/4 E, Fish Buoy N.W. 3/4 N.
100 yds. distant

Depth: 6 f. Bottom: Sofr Sample:

Wind: Direction, W Force, 3.

Sea: Smooth Sky: clear

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.S.	78.8				+	
6	9267.	79.1				+	B.
11	8479.	78.7				+	S.

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	
B. D. & M. B.	6-5½	6 06	6 22	
#5 Sick net	Surf.	6 06	6 22	
#20 Sick net	Surf.	6 06	6 22	
Otter trawl	5½-4¾	6 31	6 38	

11—5314

NOTES

Tide: Ebbing.
Course: Dredging
W ½ N.

Chart No. ..... Date ..... Pub. by .....

Station No. 8612 Date: 7/28/16 191

Hour: 7.12 a .M. to 7.38 .M.

Position: Lat. 38° 1' 20" Long. 76° 21' 2"

Locality: Pr. Cookour Li. N.E. x E. 1/4 E.
Bell Buoy W x N 1/4 N.

Depth: 12 3/4 f. Bottom: Soft Sample:

Wind: Direction, W Force, 3.

Sea: Smooth Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
m.							
0	B.D.	78.8			8	+	
6	98267	79.6				+	B.
13	98267	78.0			8	+	E.
rr	61479	87.8			8	+	S.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	~~Depth~~ F.	TIME Down	TIME Up	Speed
Mud bag	12½ 12¼	7²⁶	7³⁴	

11—5314

NOTES

Tide: Ebbing.

Course: Dredging.
W x N.

Chart No..... Date..... Pub. by.....

Station No. 8613 Date: 7/28/16 191

Hour: 7.55 a. M. to 8.40 a. M.

Position: Lat. 38° 2' 44" Long. 76° 20' 43"

Locality: Pr. Lookout Li. S.E. X E 5/8 E
Cornfield Pr. NW 1/2 N.

Depth: 4 3/4 f. Bottom: Sofr Sample:
Sofr mud & marine growth

Wind: Direction, WNW Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	78.8				f +	
8	8479	79.0				+	G.

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	
B.T. & M.B.	5-6¼	807	822	
#5 Sick	Surv.	807	822	
#20 Sick	Surv.	807	822	
Wash Net	6¾-8½	829	835	

11—5314

NOTES

Tide: Ebbing.

Course: Dredging
W N W

Chart No..... Date..... Pub. by.....

Station No. 8614 Date: 7/28/16 191

Hour: 9 51 a. M. to 10 15 a. M.

Position: Lat. 38° 6' 6" Long. 76° 17' 20"

Locality: Pr. No. Pr. Li. N 3/8 E. Holland Id
Bar. Li. E X S 5/8 S.

Depth: 6½ f. Bottom: Sofr Sample:

Wind: Direction, WNW Force, 2

Sea: Smooth Sky: O.C

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	78.4				f +	
9	80479	79.0				f +	D.

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	
B. T. & M. B.	6½-5	9 59	10 14	
#5 Sidney	Surf.	9 59	10 16	
#20 Sidney	Surf.	9 59	10 14	

11—5314

NOTES

Tide: Ebbing.

Course: Dredging N. N. E.

Chart No. ..... Date. ..... Pub. by. .....

Station No. 8615 Date: 7/28/16. 191

Hour: 11 09 .M. to 11 30 .M.

Position: Lat. Too thick Long. for any observations.

Locality:

Depth: 18 F. Bottom: Sample:

Wind: Direction, N.E. Force,

Sea: Smooth Sky: O.C. & Raining.

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	78.2				+	
6	98267	79.1				+	B.
12	98267	79.0				+	B.
22	80479	75.2				+	B.
32	98267	76.0				+	B.

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	
1/2 Meter Vertical	16 3/4	11 26	11 27	

11—5314

NOTES

Tide: Ebbing.

approx Position
(8015) Chart #224.

Lat. 38 — 06 — 55

Long. 76 — 13 — 12

1224

Chart No..... Date..... Pub. by.....

Station No. 86/6 Date: 7/29/16. 191

Hour: 10 25 a. M. to 11 50 a. M.

Position: Lat. 38° 13' 44" Long. 76° 15' 35"

Locality: N. No. Pt. Li. S x W 3/4 W. Cedar Pt. Li NW 1° W. Hooper Id Li NXE 3/4 E

Depth: 20 F Bottom: Softr Sample:

Softr black mud.

Wind: Direction, N.E. Force, 3.

Sea: Smooth Sky: Clear.

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	
B.I. & M.B.	16½-	10 28	10 35	
#5 Sick Rev	Surf.	10 28	10 35	
#20 " "	Surf.	10 28	10 35	
Ledyinko's Dredge	20-19	11 15	11 25	
B. I. & M. B.	19-20	11 34	11 44	

11—5314

NOTES

Tide: Ebbing.

Course: Dredging
N x W ½ W.

Chart No. ..... Date ..... Pub. by .....

Station No. 8617 Date: July 29-30-1916 191

Hour: 12 20° 29th . M. to . M.

Position: Lat. 38° 16' 28" Long. 76° 16' 38"

Locality: Hooper Id. Li. S.E. Cedar Pt. Li. NW X W 5/8 W., Pt. No. Pt. Li. S 7/8 W.

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth 12 50 N	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	Series						
0	B.F.	77.4				+	B.F.
8	98262	78.0				+	B.
15	"	78.0				+	B.
24	98267	76.9				+	E.
33	80479	78.5				+	G
0	B.F.	77.8	130 pm Series			+	B.F.
8	95262	78.0				+	B.
15	"	77.5				+	B.
24	98267	77.0				+	E.
33	80479	77.1	30° pm series			+	G.
0	B.F.	78.5				+	
8	98262	78.1				+	B
15	98262	77.8				+	B
24	98267	77.0				+	E.
33	80479	77.2				+	G

CURRENTS

	Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
2)	5	2 10 pm		5'	178		S
	15	2 03 "		"	662		NE
	25	1 43 "		"	631		NEXE
3)	5	3 44 "		5' 11"	85		EXN
	15	3 15 "		5'	604		NNW
	25	3 06 "		"	487		ENE

Color of water: Transparency:

REMARKS: Current meter # 96.

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Chart No. ..... Date ..... Pub. by .....

Station No. 817-2-Contd. 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
		4	34 P.M. series				
0	B.T.	78.0				+	
8	98262	78.0				+	B
15	98262	77.9				+	B
24	98267	77.0				+	8
33	80479	77.2	6[00] pm. series.			+	9.
0	B.T.	78.1				+	
8	98262	78.8				+	B.
15	98262	77.3				+	B.
24	98267	77.0				+	8.
33	80479	77.2				+	9.
		7:30 pm. series					
0	B.T.	77.6				+	
8	98262	78.1				+	B.
15	98262	77.0				+	B.
24	98267	77.0				+	8.
33	80479	77.1				+	9.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
5	4[52]		6'	258		ESE
4) 15	4[45] "		5	268		SSE
25	4[34] "		5¼"	306		SSE
5	6[25]		5'	444		ENE
5) 15	6[16]		"	88		NXW
25	6[05]		"	44		ESE

Color of water: Transparency:

REMARKS:

5	7[51]		5	493	EXS
6) 15	7[43]		5	714	NXW
25	7[35]		5	382	NXW

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Chart No. ..... Date. ..... Pub. by .....

Station No. 8617-3-Contd 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
	9 pm series						
0	B.T.	77.2				+	
8	98262	78.0				+	B
15	98262	77.0				+	B
24	98267	77.0				+	B
33	80479	77.1				+	D.
			10 30 pm series				
0	B.T.	77.0				+	
8	98262	78.0				+	B
15	98262	77.0				+	B
24	98267	77.0				+	B
33	80479	77.1				+	D.
	12 midnight July 30						
0	B.T.	77.0				+	B
8	98262	78.0				+	B
15	98262	77.0				+	B
24	98267	77.0				+	B
33	80479	77.1				+	D.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
7) 5	9 44 pm		5'	380		NW
15	9 32 "		5'	196		WNW
25	9 22 "		5'	114		ESE
8) 5	10 55		5	95		SSE
15	10 46		5	264		SSW
25	10 06		5	200		S

Color of water: Transparency:

REMARKS: July 30.

9) 5	12 23 am	5'	275	11—5314	SXW
15	12 13 am	5	246		SXE
25	12 03 am	5	590		S

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Chart No. ..... Date. ..... Pub. by .....

Station No. 8617-4-Cont'd 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
	1:30 am series July 30						
0	B.T.	76.8				+	
8	98262.	78.2				+	B.
15	98262.	77.3				+	B.
24	98267.	77.0				+	B.
33	80479.	77.3				+	B.
			3:00 am series.				
0	B.T.	76.8				+	
8	98262	78.2				+	B
15	98262	77.6				+	B
24	98267	77.0				+	B
33	80479	77.5				+	B.
			4:30 am series.				
0	B.T.	77.0				+	
8	98262	78.0				+	B
15	98262	77.3				+	B
24	98267	77.0				+	B
33	80479	77.7				+	B.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
10) 5	2:05 am		5'	414		SSW
15	1:57 "		"	619		S.
25	1:47 "		"	570		SxW
11) 5	3:28 "	High water slack	"	278		SWxS
15	3:20 "		"	641		S
25	3:12 "		"	423		SxW

Color of water: Transparency:

REMARKS:

11—5314

12) 5	4:56	5'	4	0
15	4:48	"	439	SxE
25	4:40	"	99	SxW.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Chart No. ..... Date ..... Drawn by .....

Station No. 8617-5-Cont'd Date: 191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	6:00	am	series				
0	B.T.	76.5				+	
8	98267	78.0				+	B
15	98267	77.5				+	B
24	98267	77.0				+	E
33	80479	77.8				+	U
0	B.T.	76.5	7:30 am	series		+	
8	98267	78.0				+	B
15	98267	77.6				+	B
24	98267	77.0				+	E
33	80479	77.5				+	U
		9:00	am	series			
0	B.T.	77.8				+	
8	98267	77.9				+	B
15	98267	77.8				+	B
24	98267	77.0				+	E
33	80479	77.8				+	U

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
5 M	6:44 am		5	342		NWXN
13) 15	6:33 "		5	203		NXW
25	6:25 "		5	122		N
5	8:00 "		"	600		NWXN
14) 15	7:52 "		"	34		NW
25	7:44 "		"	165		NXE

Color of water: Transparency:

REMARKS:

11—5314

5	9:20	5	556	NW
15) 15	9:13	"	75	NWXN
25	9:05	"	155	NXE

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Chart No. ..... Date ..... Pub. by .....

Station No. 8617-6-Cont'd. Date. 191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	10:30 am		series				
0	B.T.	78.3				+	
8	98 v 62 v	77.8				+	B
15	98 v 62 v	77.6				+	B
24	98 v 67	77.0				+	E
33	80479	77.5				+	D
		12:00 Noon July 30.					
0	B.T.	78.8				+	
8	98 v 62 v	78.0				+	B
15	98 v 62 v	77.1				+	B
24	98 v 67	77.0				+	E
33	80479	77.3				+	D

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
5	10 52 am		5	387		NW
15	10 45 "		"	150		NXE
25	10 38 "		"	40		0
5	12" pm		5	186		NXS
15	12 04 "		"	27		0
25	11 57 am		"	41		SE

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Chart No. 1224 Date ..... Pilot No. .....

Station No. 8618 Date: July 30, 1916. 191

Hour: 1 35 P. M. to 3 50 P. M.

Position: Lat. 37° 20' 30" Long. 76° 18' 12"

Locality: Hoopers Id. Li. SXE 7/8 E. Buoy 16-D E 3/4 S.

Depth: 25 1/4 Bottom: Soft Sample: Soft black mud

Wind: Direction, S Force, 1

Sea: Smooth Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	77.4				+	
8	98267	78.0				+	E.
16	80479	77.5				+	Y.
26	98262	76.1				+	B.
36	98267	76.9				+	E.
46	80479	77.3				+	Y.

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	
½ Meter Vertical	25-0	1 45	1 50	
B.P. & M. dredge	20-21¼	2 22	2 37	
#5 & 20 Sieve	Surf.	2 22	2 37	
Ledvinka H.D.	22	3 03	3 10	
Bottom feeler.	23½-24	3 22	3 30	
Bottom feeler.	24-24	3 34	3 43	

11—5314

NOTES

Tide: Flooding.

Course: Dredging S.S.E.

1224

Chart No. ..... Date. ..... Pub. by .....

Station No. 8619 Date: 7/30/16. 191

Hour: 4^20 P. M. to 4^25 P. M.

Position: Lat. 38° 21' 16" Long. 76° 22' 0"

Buoy #21 NE x N 3/8 N. Drum Pt. Li.

Locality: S W x W 1/8 W. Cove Pt. Li N x W 3/8 W. Oden Pt. Li. S 5/8 W.

Depth: 4 1/4 Bottom: Sample:

Wind: Direction, S Force, 3

Sea: Smooth Sky: O.C.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
Surface	B.T.	78.1				+	
Bottom	80479	78.5				+	B.

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

Tide: Flooding.

Chart No. 1225 Date..... Pub. by.....

Station No. 8620 Date: 7/30/16. 191

Hour: 5 55 p. M. to 6 05 p. M.

Position: Lat. 38° 31' 54" Long. 76° 25' 10"

Locality: Buoy 18-A North. Buoy 16F E 1/4 S.

Depth: 11 1/2 Bottom: Sofr. Sample:

Wind: Direction, SSW. Force, 3

Sea: Smooth. Sky: O.C. & 3

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	78.8			8	+	
9	98267	78.5			8	+	3
19	80479	76.0				+	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	

11—5314

NOTES

Dide: Flooding

1425

Chart No. ..... Date ..... Pub. by .....

Station No. 8621 Date: 7/30/16 191

Hour: 6 30 P.M. to 6 55 P.M.

Position: Lat. 38° 30' 35" Long. 76° 29' 56"

Locality: Fish Buoy 2-B N 3/8 E. Goo. Run wharf W S W

Depth: 5 1/4 Bottom: Soft Sample:

Wind: Direction, S.S.W. Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	78.5				+	
9	80479	79.1				+	D.

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

Tide: Flooding.

Chart No. ..... Date ..... Pub. by .....

Station No. 8622 Date: 7/31/16. 191

Hour: 6 13 a. M. to 6 57 a. M.

Position: Lat. 38° 40' 21" Long. 76° 25' 12"

Locality: Sharps Id. Li. SE. 3/8 S.
Buoy #1 – E 3/4 N.

Depth: 20½ Bottom: Softr Sample:
Softr mud.

Wind: Direction, W. Force, 3.

Sea: Choppy Sky: O.C. & Hz

TEMPERATURES

Depth m	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	77.2				+	
8	98267	78.1				+	B
15	98267	76.8				+	B
25	98267	75.1				+	E
35	80479	75.2				+	G.

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	
B.J.& H. Dredge	20½-16½	6 38	6 53	
#5 + #21 Sick	Sur.	6 38	6 53	

11—5314

NOTES

Tide: Flooding

Course: Dredging.

S ½ W.

Chart No. ..... Date ..... Pub. by .....

Station No. 8623 Date: 7/31/16 191

Hour: 8 20 a. M. to 9 05 a. M.

Position: Lat. 38° 49' 42" Long. 76° 27' 24"

Locality: Bloody Pt. Li. E. Can Buoy #27 NW 3/4 N

Depth: 5 f. Bottom: Soft Sample:

Wind: Direction, W Force, 1

Sea: Smooth Sky: Clear-hazy hor.

TEMPERATURES

Depth m	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	BP.	77.8				g +	
3	98267	78.9				+	E.
8	80479	78.5				g +	G.

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	
B.T. & M.B.	5½-5½	8 34	8 49	
#5 & #20 Sick	Surf.	"	"	
Hydroid feeler	5-5½	8 57	9 02	

11—5314

NOTES

Tide: High water-flood.

Course: Dredging
S x W ½ W.

2d Dredging Course
S.W x S.

Chart No. ..... Date ..... Pub. by .....

Station No. 8624 Date: 7/31/16. 191

Hour: 9 20 a .M. to 9 30 a .M.

Position: Lat. 38° 49' 36" Long. 76° 25' 42"

Locality: Thoms. Pt. Li. N 1/8 E. / Bloody Pt. Li. E 3/4 N.

Depth: 7 F Bottom: Soft Sample:

Wind: Direction, W Force, 2

Sea: Smooth Sky: Clear & Hazy Hor.

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	77.5				g +	
5	98267	78.5				+	e.
11	80479	78.0				g +	g.

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

Tide: Ebbing.

Chart No. ..... Date ..... Pub. by .....

Station No. 8625 Date: 7/31/16. 191

Hour: 9 42 a. M. to 11 00 a. M.

Position: Lat. 38° 30' 10" Long. 76° 23' 44"

Locality: Bloody Pt. Lt. S.E. 7/8 E.
Thomas Pt. Lt. ~~S.E. 7/8 E~~
N X W 7/8 W.

Depth: 23 f. Bottom: Sofr Sample:
Sofr black mud.

Wind: Direction, W Force, 2

Sea: Smooth Sky: Clear & hazy hor.

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	77.4				8 +	
6	98262	78.5				+	B.
13	98267	77.1				8 +	8.
22	98262	75.1				8 +	B.
32	98267	74.5				8 +	8.
42	80479	75.0				+	8.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth F	TIME Down	TIME Up	Speed
½ Meter.	23-0	10 58	10 59	
B.T. & L.A. Sealer.	16-18 3/4	10 25	10 43	
#5 + #20 Silk	Surf.	10 25	10 43	
Welsh net.	22-17 3/4	10 55	11 00	

11—5314

NOTES

Tide: Ebbing.

Course: Dredging S x W.

1916 Chart No..... Date..... Pub. by.....

Station No. 8626 Date: 7/31/16 191

Hour: 12 47 P. M. to 12 56 P. M.

Position: Lat. 39-01-28 Long. 76-22-31

Locality: Sandy Pt. lt. SW 1/4 W. Balto. lt. NXW 7/8 W.
Love Pt. lt. E X N 5/8 N.

Depth: 9 F. Bottom: Softr Sample:

Wind: Direction, W Force, 2

Sea: Smooth Sky: Clear & Hazy Hor.

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	78.9				S+	
7	98267	78.8				+	Eg. Co.
15	98267	77.6				S+	

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

1916

Chart No. ..... Date ..... Pub. by .....

Station No. 8627 Date: 7/31/16. 191

Hour: 1[18] M. to 1[28] P. M.

Position: Lat. 39 – 01 – 30 Long. 76 – 20 – 34

Locality: Sandy Pt. li W 7/8 S. Balto. li. N.W. Love Pt. li. NE x E 1/2 E.

Depth: 12 3/4 f Bottom: Sofr. Sample:

Wind: Direction, W. Force, 1.

Sea: Smooth Sky: Clear & Hz. Hot.

TEMPERATURES

Depth in M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	78.8				S +	
5	80479	79.5				+	G.
13	98262	76.9				S +	B.
22	98267	74.8				S +	E.

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

Chart No. ..... Date ..... Pub. by .....

Station No. 8628. Date: 8/30/16. 191

Hour: 14 2 p . M. to 4 20 p . M.
Bloody

Position: Lat. 38-52-09 Long. 76-24-00

Locality: Bloody Pr. region, Thaul.

Depth: 17½ Bottom: Sofr Sample:

Wind: Direction, S Force, 2

Sea: S Sky: Clear

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	
Hy. dr.	1.	17½-16¾	1.43	1.55	
Bot. flr.					
Hy. dr.	2.	18-21	2.08	2.13	
Bot. flr.					
Hy. dr.	3.	22½-27½	2.27	3.00	
Bot. flr.					
Hy. dr.	4.	19-18	3.15	3.25	
Bot. flr.					
Hy. dr.	5.	17-11	3.37	3.40	
Bot flr					

11—5314

NOTES

Hy. dr.	6	17½-9½	3.50	4.00
Bot. flr.				
Hy. dr.	7	10-11	4.08	4.18
Bot. flr.				

Dredging course S½W
Dredge fouled on bottom @ 2.32.

Dredging course,
4th haul - S.S.W.

Chart No. ..... Date ..... Pub. by .....

Station No. 8629 Date: 8/30/16 191

Hour: 4⁴⁰ P . M. to 5⁰⁰ P . M.

Position: Lat. 38-45-22 Long. 76-25-55

Locality: off Poplar Id. 1 haul

Depth: 14F Bottom: Soft Sample:

Wind: Direction, S Force, 1

Sea: S Sky: Clear.

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	
Hy. drg. Bor. feeler.	14-14	4.45	4.55	

11—5314

NOTES

Dredging course
S X W 1/4 W.

Chart No..... Date..... Pub. by.....

Station No. 8630 Date: 8/30/16 191

Hour: 545 P. M. to 602 P. M.

Position: Lat. above Sharps Id - 1 haul Long. 38-39-50 76-25-18.

Locality: above Sharps Id. 1 haul.

Depth: 16F Bottom: soft Sample:

Wind: Direction, S Force, 1

Sea: smooth Sky: Clear

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	
Hy. dredge Bar. flea	16-16½	5.49	5.59	

11—5314

NOTES

Dredging course.
S x W ¼ W.

Chart No. ..... Date ..... Pub. by .....

Station No. 8631 Date: 8/31/16 · 191

Hour: 7 12 A. M. to 8 00 A. M.

Choptank R. below Tilghman - 2 hauls

Position: Lat. Long.

Locality: 38-38-46 76-19-08

Depth: 9F Bottom: Fairly hard Sample:

Wind: Direction, NNW Force, 3

Sea: S Sky: clear

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	
Hy. dredge - Bar fdr.	9-10	7.27	7.37	
Hy. dredge Bar. fdr.	11-7	7.45	7.52	

11—5314

NOTES

Dredging Course

ENE

Chart No..... Date..... Pub. by.....

Station No. 832 Date: 8/31/16 191

Hour: 9 00 A. M. to 9 50 A. M.

Mouth Choptank R. – 2 hauls

Position: Lat. 38-34-08 Long. 76-23-27.

Locality:

Depth: 18½ f. Bottom: Soft Sample:

Wind: Direction, WSW Force, 3

Sea: S. Sky: Clear

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	
Hy. drge Bov. fder.	18½- 14½	9 01	9 14	
Hy. drge Bov. fder.	13-12	9 33	9 45	

11—5314

NOTES

Dredging Course -
SXW.

Chart No. ..... Date ..... Pub. by .....

Station No. 8633 Date: 8/31/16 191

Hour: 10 24 a. M. to 10 48 a. M.

? James Rd. — 1 haul

Position: Lat. 38 - 28 - 20 Long. 76 - 23 - 30

Locality:

Depth: 18F Bottom: Sofr Sample:

Wind: Direction, WSW Force, 2

Sea: S. Sky: Clear

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	
Hy. drge Bdr. flex. }	18-10	1027	1044	

11—5314

NOTES

Dredging course —

Chart No..... Date..... Pub. by.....

Station No. 8634 Date: 8/31/16 191

Hour: 10 52 a. M. to 11 40 a. M.

Position: Lat. 38-27-45 Long. 76-23-28 Off Taylor Id. - 2 hauls

Locality: 14.5

Depth: 14,5 Bottom: Soft Sample:

Wind: Direction, WSW Force, 2

Sea: S Sky: Clear

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	
Hy. dge Bkr. flr.	14-14	10.56	11.08	
Hy-dge Bkr flr.	15-16	11.20	11.32	

11—5314

NOTES

Dredging course:

(1) S.S.E. 1/2 E.

(2) S x E.

Chart No. ..... Date ..... Pub. No. .....

Station No. 8635 Date: 8/31/16 191

Hour: 12 05 P. M. to 12 50 P. M.

Position: Lat. 38-21-24 Long. 76-19-09 off Barren Id - 2 hauls.

Locality:

Depth: 21 f. Bottom: Muddy Sample:

Wind: Direction, WSW Force, 3

Sea: S Sky: Clear

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	
Hy drge Bot. flr	21-21	1210	1222	
Hy. drge. Bot. flr.	14-16	1233	1245	

11—5314

NOTES

Dredging, course
S. S. E.

Chart No..... Date..... Pub. by.....

Station No. 8636 Date: 8/31/16. 191

Hour: 12 58 P. M. to 1 15 P. M.

? Below Barren Id - 1 haul

Position: Lat. 38-17-58 Long. 76-17-06

Locality:

Depth: 21 Bottom: muddy Sample:

Wind: Direction, WSW Force, 2

Sea: S Sky: Clear

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	
Hydr. drge. Bov. flo.	21-17	1258	1 13	

11—5314

NOTES

Course:- dredging
SXE.

Chart No..... Date..... Pub. by.....

Station No. 8637 Date: 8/31/16, 191

Hour: 1 55 P. M. to 2 40 P. M.

Position: Lat. 38-15-38 Long. 76-16-08 Hooper Id. region — 2 hauls

Locality:

Depth: 21. Bottom: Muddy Sample:

Wind: Direction, S.S.E. Force, 2

Sea: 5 Sky: Clear

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	
Hydrd drge Bbr. flr.	21-20	1 55	2 07	
Hydrd drge Bbr. flr.	20-20½	2 19	2 34	

11—5314

NOTES

Course: Dredging

1. S. S. E.

2. S. S. E.

Chart No..... Date..... Pub. by.....

Station No. 8638 Date: 8/31/16 191

Hour: 2 55 P. M. to 3 50 P. M.

Position: Lat. 38-13-36 Long. 76-14-46. Below Hooper I dt. - 2 hauls.

Locality:

Depth: 9 Bottom: Muddy Sample:

Wind: Direction, SSE Force, 2

Sea: S. Sky: Clear.

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	
1	Hydr dige Bor. flr.	7-10	255	310	
2	Hydr dige. Bor. flr.	11-13-20	318	344	

11—5314

NOTES

Dredging course:

1. S X E.

2. S.S.E.

Chart No..... Date..... Pub. by.....

Station No. 8639 Date: 8/31/16 191

Hour: 4 36 P. M. to 5 20 P. M.

Off Pr. No Pr. - 2 hauls

Position: Lat. 38-07-52 Long. 76-13-36

Locality:

Depth: 19 Bottom: Muddy Sample:

Wind: Direction, S Force, 3-4

Sea: S. Sky: Clear

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	
Hybrid dige. ① Bbr. flr.	19-19	4 26	4 51	
Hybrid dige. ② Bbr. flr.	17-17	5 00	5 15	

11—5314

NOTES

Course: Dredging

1. S. ¼ E.

2. S ½ E.

Chart No. ..... Date. ..... Pub. by .....

Station No. 8640 Date: 9/1/16. 191

Hour: 900 a. M. to 915 P. M.

Position: Lat. 38-11-16 Long. 75-58-30 Upper end Tangier Sound.

Locality:

Depth: 10 F Bottom: Soft Sample:

Wind: Direction, SW Force, 3

Sea: S Sky: Clear

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	
Hydr'd dredge Bov. flr.	10-9	9 01	9 11	

11—5314

NOTES

Dredging course

S 1/2 W.