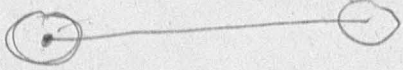
H 5184 –
5225.

D 5785 –
5797.

507

H.5223 same D5790



D 5790

~~Dredge~~ Hydrog. } No. 5184 Date, October 8, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead } 14 lbs.

Turns Cor'n Depth 3 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make NZ / No. 1019 - 1023 } Cor'n { Instr. / Stem. }

Bottom Reading 63.2 - 63.2 Cor'd Temp. 63.03

Temp. Surf. { 63.2 Time 2:02 ~~P~~ / 63.08 Time } Air { 58.5 }

Density: Surf. fms.

Wind: Direction SW Force 3-5

Baromet. 30.04 Amt. of Clouds 7 State of Sea S

Weather bcz.

Direction and Force of Current. { Surface { 50 Tw. in 36 sec. / Bottom { 50 " " 37 " }

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Intermediate.

Apparatus and Rig used 4' Inter. & 2 Kofoids

Time towing h. 12 m.

Remarks: Eckman water bottle used.

Deck Officer Mr. King Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			P.M.	Down.		Up.	P.M.	
1	52	00	2	04		0	1	52	00	2	17	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
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						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5185 Date, October 8, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make NZ No. 1019 – 1023 Cor'n Instr. Stem.

Bottom Reading 63.1 – 63.1 Cor'd Temp. 62.93

Temp. Surf. 63.5 Time 2:28:30 Time 63.38 Air 58

Density: Surf. fms.

Wind: Direction SW Force 3-5

Baromet. 30.01 Amt. of Clouds 7 State of Sea C

Weather Cos

Direction and Force of Current. Surface 50 revs. in 35 Sec. Bottom 50 " " 34 "

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter x 2 Kofoids

Time towing h. 12 m.

Remarks: Eckman wtr. bottle used.

Deck Officer Mr. King Recorder Atkil –

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			P.M.	Down.		Up.	P.M.	
7	18	30	7	28	30	0	2	18	00	2	30	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5186 Date, Oct 8, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make NZ No. 1019 – 1023 Cor'n Instr. Stem.

Bottom Reading 62.9 – 62.9 Cor'd Temp. 62.73

Temp. Surf. 63.0 Time 2:52 p Time 62.88 Air 57

Density: Surf. fms.

Wind: Direction SW Force 4

Baromet. 30.02 Amt. of Clouds 7 State of Sea C

Weather bcs

Direction and Force of Current. Surface 50 revs. in 37 sec. Bottom 50 " " 36 "

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter. & 2 Kofoids

Time towing h. 11½ m.

Remarks: Eckman water bottle used.

Deck Officer Mr. King Recorder Atukil –

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	P. M.	
7	42	00	7	52	00	0	7	42	00	7	53	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
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						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. 5187 Date, Oct 8, 1912

Sdg. Mch. TN Reel TN Shot / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 4 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

Thermom. Make NZ No. 1019 - 1023 Cor'n Instr. ____ Stem. ____

Bottom Reading 62.1 - 62.6 Cor'd Temp. 61.88

Temp. Surf. 62.8 Time 3:25:30 P / 62.68 Time ____ Air 57

Density: Surf. ____ fms. ____

Wind: Direction SW Force 4

Baromet. 30.03 Amt. of Clouds 8 State of Sea S

Weather Fog

Direction and Force of Current. Surface 60 rev. in 345 sec. Bottom 60 " " 35 "

Tide Ebb

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Inter.

Apparatus and Rig used 4' Inter. & 2 Kofoid

Time towing ____ h. 12 m.

Remarks: Ectmn wtr. bot. used.

Deck Officer Mr. King Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.	P	M.		P	M. Down.		Up.	P	M.
3	15	30	3	25	20	0	3	15	00	3	27	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
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						2800						
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						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5188 Date, Oct 9, 1912

Sdg. Mch. TN Reel T.N. ~~Shot~~ Lead } 14 lbs.

Turns Cor'n Depth 8 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N.Z. No. L. 1019 R 1023 Cor'n { Instr. Stem.

Bottom Reading L. 55.1 R 55.1 Cor'd Temp. 54.93

Temp. Surf. { 55.9 Time 12:31 P. 55.78 Time } Air { 58°

Density: Surf. fms.

Wind: Direction Various Force 0-1

Baromet. 30.04 Amt. of Clouds .0 State of Sea S

Weather b

Direction and Force of Current. { Surface 10 Hero 55 sec. Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter: 2 Kofords.

Time towing h. 13 m.

Remarks: Eckman water bottle used

Towed five minutes underway.

Deck Officer Ben. Rettig Recorder C. E. De Long.

H. W. Crider

11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M.	Down.		Up.	a	M.		P M.	Down.		Up.	P	M.
10	19	20	10	29	45	17 0	12	41	00	12	54	00
						~~100~~						
Temperatures						~~200~~						
Bottom:		cor.	56.03			300						
L. 56.2°			R 56.2°			400						
Surface:		56.1	56.0	56.38		~~500~~						
						600						
Tide						~~700~~						
40 rev to 31 sec						~~800~~						
40 rev to 30 sec						900						
						1000						
11	04	30	11	14	50	~~1100~~						
						~~1200~~						
Temperature:			55.38			~~1300~~						
Bottom: L 55.6°			R 55.5°			1400						
Surface 55.9°			55.78			~~1500~~						
Tide: 30 rev to 30 sec						~~1600~~						
						1700						
		12	31	00		1800						
Bottom L 55.1			R 55.1			1900						
Surface 55.9						2000						
						2100						
Tide						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5189 Date, Oct 9, 1912

Sdg. Mch. Tanner Reel T.N. ~~Shot~~ Lead } 14 lbs.

Turns Cor'n Depth 16 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N.Z. No. T.1019 R1023 Cor'n { Instr. Stem.

Bottom Reading T.56 R.56 Cor'd Temp. 55.83

Temp. Surf. { 56.6 Time 1:24P 56.48 Time } Air { 58

Density: Surf. fms.

Wind: Direction S. Force 1-2

Baromet. 30.02 Amt. of Clouds 0 State of Sea S.

Weather B.Z.

Direction and Force of Current. { Surface 30 Rev. 43 sec. 30 R. 42 sec. Bottom

Tide Ebb.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 leaf ords.

Time towing h 20 m.

Remarks: Pet Em an water bottle used.

Towed five minutes under-way

Deck Officer Mr. Rettig Recorder H. W. Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.		P. M.		P. M. Down.			Up.		P. M.
1	12	00	1	23	00	120	1	13	00	1	33	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
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						2900						
						3000						
						3100						
						3200						
						3300						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5790 Date, Oct. 9, 1912

Sdg. Mch. Tanner Reel T. N. ~~Shot~~ Lead } 14 lbs.

Turns ..... Cor'n ..... Depth 16 fms.

Sdg. Cup ..... Amt. Bot'm Sample .....

Character of Bottom .....

Thermom. { Make N Z. / No. L. 1019 R. 1023 } Cor'n { Instr. ..... / Stem. ..... }

Bottom Reading L. 56.9 R. 56.8 Cor'd Temp. 56.68

Temp. Surf. { 58° / 57.88 } Time 1:56 P / Time ..... } Air { 60° }

Density: Surf. ..... fms. .....

Wind: Direction S Force 1 - 2

Baromet. 30.01 Amt. of Clouds 0 State of Sea S

Weather Bz

Direction and Force of Current. { Surface 30 Rev: 4 Sec. / Bottom ..... }

Tide Ebb

General Locality .....

Position .....

Chart used: No. ..... Ed'n .....

Drift: Direction ..... Distance .....

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Tesfords.

Time towing ..... h. 18½ m.

Remarks: Eckman water bottle used.

Towed five minutes underway.

Deck Officer Mr Rettig Recorder H W Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.	P	M.		P	M. Down.		Up.	P	M.
1	45	30	1	55	30	1200	1	4400		2	02	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
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						2000						
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						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
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						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5191 Date, Oct 9, 1912

Sdg. Mch. Tanner Reel T.N. ~~Shot~~ Lead } 14 lbs.

Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N.Z. / No. L.1019 R1023 } Cor'n { Instr. / Stem. }

Bottom Reading L.57.2 R.57.1 Cor'd Temp. 56.98

Temp. Surf. { 58° Time 2:25 P / 57.88 Time } Air { 66° }

Density: Surf. fms.

Wind: Direction S Force 1-2

Baromet. 30.01 Amt. of Clouds 0 State of Sea S

Weather Bz.

Direction and Force of Current. { Surface 30 Rev: 30 sec. 35 R: 30 sec / Bottom }

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Keofords.

Time towing h. 15 m.

Remarks: Eckman water bottle used.

Towed three minutes underway

Deck Officer Mr. Rettig Recorder H W Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	Down.		Up.	M.			M.	Down.		Up.	M.	
2	14	00	2	24	00	10	2	14	00	2	29	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1500						
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						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
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						3800						
						3900						
						4000						
						4100						
						4200						
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						4400						
						4500						
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						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5192 Date, Oct 9, 1912

Sdg. Mch. Tanner Reel T. N. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 12 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N Z No. L.1019 R1023 Cor'n Instr. Stem.

Bottom Reading L.57.3 R.57.2 Cor'd Temp. 57.08

Temp. Surf. 58.8° Time 2:52 P. 58.68 Time Air 64°

Density: Surf. fms.

Wind: Direction S Force 1

Baromet. 30.00 Amt. of Clouds 0 State of Sea S

Weather B.Z.

Direction and Force of Current. Surface ~~30-39~~ 50-36 40-36 Rev. 30 sec. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter: 2 Lifefords

Time towing h. 9 m.

Remarks: Ecliman water bottle used.

Deck Officer Mr. Rattig Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			P M.	Down.		Up.	P M.	
2	41	00	2	51	00	0	2	42	00	2	51	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1700						
						1800						
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						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5193 Date, Oct 9, 1912

Sdg. Mch. Tanner Reel T.N. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 14 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N.Z. No. L.1019 R1023 Cor'n Instr. Stem.

Bottom Reading L.58 R.57.9 Cor'd Temp. 57.78

Temp. Surf. 59° Time 3:16 P. Time 58.88 Air 71°

Density: Surf. fms.

Wind: Direction S Force 1

Baromet. 30.00 Amt. of Clouds 0 State of Sea S

Weather Bz

Direction and Force of Current. Surface 23-20 Rev 0:31 sec. 30 Rev 1:37 sec. Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter. 9 Kofoids

Time towing h. 11½ m.

Remarks: Eckman water bottle used

Deck Officer Mr. Rottig Recorder F. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M. Down.			Up.	P.M.			P.M. Down.			Up.	P.M.	
3	05	30	3	15	30	0	3	05	30	3	16	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						2900						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5784 Date, Oct 9, 1912

Sdg. Mch. Tanner Reel J. M. ~~Shot~~ Lead 14 lbs.

Turns ____ Cor'n ____ Depth 7 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

Thermom. Make N. Z. Cor'n Instr. ____ Stem. ____
No. L. 1019 R. 1023

Bottom Reading L. 59.8 R. 59.6 Cor'd Temp. 59.53

Temp. Surf. 60.3 Time 3:57 P.M. Air 71°
60.18 Time ____

Density: Surf. ____ fms. ____

Wind: Direction W. Force 1

Baromet. 30.00 Amt. of Clouds 0 State of Sea S

Weather Bg.

70-Revo: 37 sec.

Direction and Force of Current. Surface 70-Revo: 37 sec. Bottom ____

Tide Ebb

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Intes

Apparatus and Rig used 4 Intes: 2 Roford

Time towing h. 12 m.

Remarks: Ockmar water bottle used

Deck Officer Mr. Rettig Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	P. M.	
3	47	00	3	57	00	0	3	47	00	3	57	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
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						4000						
						4100						
						4200						
						4300						
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						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5195 Date, Oct. 9, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead } 14 lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make NZ / No. 1019 - 1023 } Cor'n { Instr. / Stem.

Bottom Reading 60.0 - 60.0 Cor'd Temp. 59.83

Temp. Surf. { 60.3 Time 4:26 A / 60.18 Time } Air { 69.5

Density: Surf. fms.

Wind: Direction West Force 1

Baromet. 30.00 Amt. of Clouds 0 State of Sea S

Weather Dry

Direction and Force of Current. { Surface 70 Tens. in 35 Sec. / Bottom 60 " " 30 "

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter x 2 Rofoids

Time towing h. 11 m.

Remarks: Eckman wtr bot. used.
— The Bottom thermo's did not trip properly; tangled up in surf. therm. line.

Deck Officer Mr. Rettig Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			P.M.	Down.		Up.	P.M.	
4	16	00	4	26	00	0	4	16	00	4	27	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
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						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5196 Date, Oct 10, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 11 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make NZ No. 1019 - 1023 Cor'n Instr. Stem.

Bottom Reading 61.2 - 61.2 Cor'd Temp. ~~60~~ ~~60.98~~ 61.03

Temp. Surf. 61.3 Time 9:22 a Time 61.18 Air 59

Density: Surf. fms.

Wind: Direction West Force 1-2

Baromet. 30.24 Amt. of Clouds 2 State of Sea S

Weather bg

Direction and Force of Current. Surface 20 in 55 Sec Bottom 20 " 54 "

Tide ~~Ebb~~ Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter x 2 Rofoids

Time towing h. 10 m.

Remarks: Eckman wtr. bottle used

Deck Officer Mr Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A. M. Down.		Up. A. M.			A. M. Down.		Up. A. M.	
9	17 05	9	22 00	0	9	22 00	9	32 00
				100				
				200				
				300				
				400				
				500				
				600				
Temperatures =				700				
				800				
				900				
8.44 - 8:57 am:				1000				
				60.98 1100				
Bottom T.: 61.7 R: 61.1				1200				
Surf. at 8:57 - 61.5				1300				
Temp of				61.38 1400				
Surf. current:				1500				
10 revs. in 30 Sec.				1600				
Flood Tide Ebb				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

~~Dredge~~ Hydrog. No. 579 Date, Oct 10, 1912

Sdg. Mch. IX Reel TN ~~Shot~~ Lead 14 lbs.

Turns ____ Cor'n ____ Depth 8 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

Thermom. Make NI Cor'n Instr. ____
No. 1019 - 1023 Stem. ____

Bottom Reading 61.0 - 61.0 Cor'd Temp. 60.83

Temp. Surf. 61.7 Time 9:50 A Air 71
61.08 Time ____

Density: Surf. ____ fms. ____

Wind: Direction Nort Force 1

Baromet. 30.24 Amt. of Clouds 1 State of Sea S.

Weather Fog

Direction and Force of Current. Surface 40 revs in 325 sec.
Bottom 40 " " 33 "

Tide ~~Ebb~~ Flood

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & Roberts

Time towing ____ h. 10¼ m.

Remarks: Eckman w/c. bottle used.

Deck Officer Mr. Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M.	Down.		Up.	A. M.			A. M.	Down.		Up.	A. M.	
9	40	15	9	50	15	0	9	40	00	9	50	15
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5198 Date, Oct 10, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make NZ No. 1019 – 1023 Cor'n Instr. Stem.

Bottom Reading 61.0 – 61.0 Cor'd Temp. 60.83

Temp. Surf. 61.2 Time 10:32 a.m. 61.08 Time Air 70

Density: Surf. fms.

Wind: Direction West Force 1

Baromet. 30.23 Amt. of Clouds 2 State of Sea S

Weather Bez

Direction and Force of Current. Surface 50 revs in 35 Sec Bottom 50 " " 35 "

Tide ~~Ebb~~ Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & 2 Rafoids

Time towing h. 10 m.

Remarks: Eckman water bottle used

Deck Officer Mr. Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A M.			A M.	DOWN.		UP.	A M.	
10	21	30	10	31	30	0	10	22	00	10	32	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
						4200						
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						4500						
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						4700						
						4800						
						4900						

Dredge / Hydrog. } No. 5199 Date, Oct 10, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ / Lead } 14 lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make NZ / No. 1019 - 1023 Cor'n { Instr. / Stem.

Bottom Reading 61 - 61 Cor'd Temp. 60.83

Temp. Surf. { 61.0 Time 11:08 a / 60.88 Time } Air { 70

Density: Surf. fms.

Wind: Direction West Force 0-1

Baromet. 30.23 Amt. of Clouds 0 State of Sea S

Weather Bz

Direction and Force of Current. { Surface 30 revs in 35 sec / Bottom 40 " " 43 "

Tide ~~Ebb~~ Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Trites.

Apparatus and Rig used 4' Trites & 2 Kofoids

Time towing h. 12 m.

Remarks: Eckman wtr. bot. used

Deck Officer Mr. Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.M.	DOWN.		UP.	A.M.			A.M.	DOWN.		UP.	A.M.	
10	58	00	11	08	00	0	10	58	00	11	10	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5200 Date, Oct 10, 1912

Sdg. Mch. TN Reel TN Shot Lead 14 lbs.

Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make NZ No. 1019 - 10x3 Cor'n Instr. Stem.

Bottom Reading 60 - 60 Cor'd Temp. 59.83

Temp. Surf. 60.5 Time 11:56 a 60.38 Time Air 68

Density: Surf. fms.

Wind: Direction West Force 0-1

Baromet. 30.20 Amt. of Clouds 0 State of Sea S

Weather Bg

Direction and Force of Current. Surface 40 rev in 24 Sec Bottom 40 " - 35 "

Tide ~~Ebb~~ Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter. & 2 Kofoid. 1 sinker

Time towing h. 10 m.

Remarks: Eckman water bottle used

Deck Officer Mr. Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A M.			A M.	DOWN.		UP.	A M.	
11	46	00	11	56	00	0	11	46	00	11	56	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5201 Date, Oct 10, 1912

Sdg. Mch. T. N. Reel T. N. ~~Shot~~ Lead } 14 lbs.

Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N. Z. / No. L 1019 R. 1023 } Cor'n { Instr. / Stem. }

Bottom Reading L 59.5° R 59.3° Cor'd Temp. 59.23

Temp. Surf. { 59.8° Time 12:30 P / 59.68 Time } Air { 67° }

Density: Surf. fms.

Wind: Direction Various Force 0 – 2

Baromet. 30.19 Amt. of Clouds 0 State of Sea S

Weather b

Direction and Force of Current. { Surface 30 rev to 34 sec / ~~Bottom~~ 40 " to 48 sec }

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter + 2 Kofoids, 1 sinker

Time towing h. 10 m.

Remarks:

Deck Officer Bosn Clancy Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	P. M.	
12	10	30	12	20	30	0	12	10	30	12	20	15
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
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						2900						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5202 Date, Oct 10, 1912

Sdg. Mch. T. M. Reel T. M. ~~Shot~~ / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 11 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

Thermom. Make N.Z. No L1019 R1023 Cor'n Instr. ____ Stem. ____

Bottom Reading L 58.8 R 58.6° Cor'd Temp. 58.53

Temp. Surf. 60.1° Time ____ / 59.98 Time ____ Air 67°

Density: Surf. ____ ____ fms.

Wind: Direction Variable Force 0-1

Baromet. 30.19 Amt. of Clouds 0 State of Sea 2

Weather 2

Direction and Force of Current. Surface 20 sec to 35 sec / ~~Bottom~~ 10 " " 34 "

Tide Flood

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Outer

Apparatus and Rig used 4' Outer + 2 Kofoids, 1 sinker

Time towing ____ h. 9½ m.

Remarks: ____

Deck Officer Brian Clancy Recorder C. E. D. Long.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			P.M.	Down.		Up.	P.M.	
12	42	30	12	53	15	0	12	44	00	12	53	20
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
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						1700						
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						3100						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
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						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5203 Date, Oct 11, 1912

Sdg. Mch. Tanner Reel T.N. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 10 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N.Z. No. L.1019 R.1023 Cor'n Instr. Stem.

Bottom Reading L.60° R.60° Cor'd Temp. 59.83

Temp. Surf. 60.3 Time 7:50 A 60.18 Time Air 59°

Density: Surf. fms.

Wind: Direction N.W. Force 0

Baromet. 30.25 Amt. of Clouds 0 State of Sea S

Weather Hazy

Direction and Force of Current. Surface 40 Revs: 36 sec Bottom

Tide Flood.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: Elkofords.

Time towing h. 10 m.

Remarks: Eckman water bottle used.

Deck Officer Mr. Clancy Recorder H W Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	Down.		Up.	M.			M.	Down.		Up.	M.	
7	40	00	7	50	00	0	7	40	00	7	50	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5204 Date, Oct. 11, 1912

Sdg. Mch. Tanner Reel T.N. ~~Shot~~ Lead } 4 lbs.

Turns ..... Cor'n ..... Depth 10 fms.

Sdg. Cup ..... Amt. Bot'm Sample .....

Character of Bottom .....

Thermom. { Make N.J. / No. L.1019 R1023 } Cor'n { Instr. ..... / Stem. ..... }

Bottom Reading L 60.9 R 60.8 Cor'd Temp. 60.68

Temp. Surf. { 61° Time 8:20 A / 60.88 Time ..... } Air { 61 }

Density: Surf. ..... fms. .....

Wind: Direction N.W. Force 0

Baromet. 30.25 Amt. of Clouds 0 State of Sea S

Weather bcy.

Direction and Force of Current. { Surface 50 Rev: 34 sec. / Bottom ..... }

Tide Flood

General Locality .....

Position .....

Chart used: No. ..... Ed'n .....

Drift: Direction ..... Distance .....

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Rafords.

Time towing ..... h. 10 m.

Remarks: Eckman water bottle used.

Deck Officer Mr Clancy Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.M.	DOWN.		UP.	A.M.			A.M.	DOWN.		UP.	A.M.	
8	09	30	8	19	30	0	8	09	30	8	19	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5205 Date, Oct 11, 1912

Sdg. Mch. Tanner Reel T.N. ~~Shot~~ Lead } 14 lbs.

Turns ..... Cor'n ..... Depth 8 fms.

Sdg. Cup ..... Amt. Bot'm Sample .....

Character of Bottom .....

Thermom. { Make N. Z. / No. L.1019 R1023 } Cor'n { Instr. ..... / Stem. ..... }

Bottom Reading L 62 R 61.9 Cor'd Temp. 61.78

Temp. Surf. { 62° / 61.88 } Time 8:50 A / Time ..... } Air { 62° }

Density: Surf. ..... fms. .....

Wind: Direction N.W. Force 0

Baromet. 30.25 Amt. of Clouds 0 State of Sea S

Weather Very.

Direction and Force of Current. { Surface 50 Revs: 33 sec. + 34 sec. / Bottom ..... }

Tide Flood

General Locality .....

Position .....

Chart used: No. ..... Ed'n .....

Drift: Direction ..... Distance .....

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 21 Eofords

Time towing ..... h. ..... m.

Remarks: Eckman water bottle used.

Deck Officer Mr. Clancy Recorder H. W. Crider

Mr. King

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	Down.		Up.		M.		M.	Down.		Up.		M.
8	39	30	8	49	30	0	8	39	30			
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5206 Date, Oct 11, 1912

Sdg. Mch. Tanner Reel T.N. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N. Z. Cor'n Instr.
No. L.1019 R1023 Stem.

Bottom Reading L. 62° R. 62° Cor'd Temp. 61.83

Temp. Surf. 61.9 Time 9:08 A Air 65
61.78 Time

Density: Surf. fms.

Wind: Direction N.W. Force 0

Baromet. 30.25 Amt. of Clouds 0 State of Sea S

Weather bcy.

50 Revs: 30 sec.

Direction and Force of Current. Surface 50 Revs: 30 sec.
Bottom

Tide Flood.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Keofords.

Time towing h. 11 m.

Remarks: Ocleman water bottle used

Deck Officer Mr. King Recorder H W Carder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	Down.		Up.		M.		M.	Down.		Up.		M.
9	08	00	9	18	00	0	9	08	00	9	19	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5207 Date, Oct 11, 1912

Sdg. Mch. Tanner Reel T. N. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N. Z. No. L. 1019 R 1023 Cor'n Instr. Stem.

Bottom Reading L. 62.1 R 62 Cor'd Temp. 61.83

Temp. Surf. 62.2 Time 9.43A Air 66

62.08 ~~62.08~~ Time

Density: Surf. fms.

Wind: Direction N. W. Force 0

Baromet. 30.25 Amt. of Clouds 0 State of Sea S

Weather bcy.

40 Revs: 36 sec.

Direction and Force of Current. Surface 40 Revs: 36 sec. Bottom

Tide Flood!

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2' Kofords

Time towing h. 10½ m.

Remarks: Eckman water bottle used

Deck Officer Mr. King Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	Down.		Up.	___ M.			___ M.	Down.		Up.	___ M.	
9	32	30	9	42	30	0	9	32	30	9	43	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5208 Date, Oct 11, 1912

Sdg. Mch. Tanner Reel T. N. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N. Z. Cor'n Instr.

No. L 1019 R 1023 Stem.

Bottom Reading L 62.2 R 62.2 Cor'd Temp. 62.03

Temp. Surf. 62.2 Time 10:05 A Air 67°

62.08 Time

Density: Surf. fms.

Wind: Direction N.W. Force 0

Baromet. 30.25 Amt. of Clouds 0 State of Sea S

Weather Very

Direction and Force of Current. Surface 30 Rev: 30 ac. 40 Rev: 36 ac.

Bottom

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter: 2 Tefords

Time towing h. 10½ m.

Remarks: Eckman water bottle used

Deck Officer Mr. King Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.		M.		A	M. Down.		Up.		M.
9	54	30	10	04	30	0	9	54	30	10	04	80
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
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						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. 5209 Date, Oct 11, 1912

Sdg. Mch. Tanner Reel T. N. Shot Lead 14 lbs.

Turns ____ Cor'n ____ Depth 6 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

Thermom. Make N. Y. Cor'n Instr. ____ Stem. ____
No. L. 10198 R 10223

Bottom Reading L. 62.3 R 62.3 Cor'd Temp. 62.23

Temp. Surf. 62.3 Time 10:29 A 62.18 Time ____ Air 70°

Density: Surf. ____ ____ fms.

Wind: Direction N. W. Force 0

Baromet. 30.25 Amt. of Clouds 0 State of Sea 5

Weather Clear

Direction and Force of Current. Surface 4 0 Revs: 36 sec. 4 0 Revs 34½
Bottom ____

Tide Flood

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Inter.

Apparatus and Rig used 4' Inter: 2 Roforks.

Time towing ____ h. 11 m.

Remarks: Ekman water bottle used

Deck Officer Mr. King Recorder H. W. Price

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.	A	M.		A	M. Down.		Up.	A	M.
10	17	30	10	27	30	0	10	17	30	10	28	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						2800						
						2900						
						3000						
						3100						
						3200						
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						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5210 Date, Oct 11, 1912

Sdg. Mch. Tanner Reel T. N. ~~Shot~~ Lead 14 lbs.

Turns _____ Cor'n _____ Depth 6 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. Make N. Z. Cor'n Instr. _____
No. L. 1019 R. 1023 Stem. _____

Bottom Reading L. 62.3 R. 62.3 Cor'd Temp. 62.13

Temp. Surf. 62.3 Time 10:55 A Air _____
62.18 Time _____

Density: Surf. _____ _____ fms. _____

Wind: Direction N. W. Force 0

Baromet. 30.23 Amt. of Clouds 0 State of Sea S

Weather bag

40 Revo: 33 sec.

Direction and Force of Current. Surface 40 Revo: 33 sec.
Bottom _____

Tide Flood

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Kofords

Time towing _____ h. _____ m.

Remarks: Eckman water bottle used.

Deck Officer Mr. King Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.	---- M.			---- M.	DOWN.		UP.	---- M.	
10	44	00	10	54	00	0	10	44	00			
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5211 Date, Oct 12, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead } 14 lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N3 / No. 1019 - 1023 } Cor'n { Instr. / Stem.

Bottom Reading L: 59.0 R: 59.0 Cor'd Temp. 58.83

Temp. Surf. { 60.3 / 60.18 } Time 9:20 a / Time } Air { 59

Density: Surf. fms.

Wind: Direction North Force 2

Baromet. 30.21 Amt. of Clouds 3 State of Sea S

Weather bas.

Direction and Force of Current. { Surface { 5 revs. in 55 sec. / Bottom " " "

Tide Slack water

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & 2 Kofoids.

Time towing h. 4½ m.

Remarks: Eckman water bottle used

Deck Officer Mr. Rethi Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
⌀ M. Down.			Up.	⌀ M.			⌀ M. Down.			Up.	⌀ M.	
9	10	00	9	20	00	0	9	14	30	9	20	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
			Preliminary =			800						
						900						
Temperatures, etc						1000						
						1100						
8	17	00	-	8	27	1200						
L: 59.8 R: 59.6						1300						
Surface at 8:27 = 60.3						1400						
" Current						1500						
20 revs. in 57 Sec.						1600						
20 " " 60 "						1700						
Ebb tide.						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5212 Date, Oct 12, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 7 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

Thermom. { Make NZ / No. 1019 - 1023 } Cor'n { Instr. ____ / Stem. ____ }

Bottom Reading S. 58.9 R. 58.0 Cor'd Temp. 58.28

Temp. Surf. { 60.0 Time 9.47 a.m. / 59.88 Time ____ } Air { 59 / ____ }

Density: Surf. ____ ____ fms.

Wind: Direction Nort Force 2

Baromet. 30.21 Amt. of Clouds 3 State of Sea S

Weather Clear

Direction and Force of Current. { Surface 20 revs in 438 sec. / Bottom 20 " " 36 " }

Tide Flood

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & 2 Kofoid

Time towing ____ h. 10 m.

Remarks: Eckman water bottle used

Deck Officer Mr. Rethig Recorder Smith

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	DOWN.		UP.	M.			M.	DOWN.		UP.	M.	
9	32	00	9	42	00	0	9	32	00	9	42	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5313 Date, Oct 12, 19 17

Sdg. Mch. TN Reel TN ~~Shot~~ / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 10 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

Thermom. Make 753 Cor'n Instr. ____ Stem. ____

No. 1019 - 1023

Bottom Reading I. 57.9 R. 57.5 Cor'd Temp. 57.53

Temp. Surf. 57.9 Time 10:06 a 57.78 Time ____ Air 59

Density: Surf. ____ fms. ____

Wind: Direction North Force 2

Baromet. 30.20 Amt. of Clouds 3 State of Sea S

Weather Clear

Direction and Force of Current. Surface 40 revs in 35 Sec. Bottom 40 " " 36 "

Tide Flood

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Inter. (actually Bottom)

Apparatus and Rig used 4' Inter. & 2 Kofoids

Time towing ____ h. 9 m.

Remarks: Eckman water bot. used — 4' Inter. fouled in bottom and filled up with mud; no station made for this apparatus.

Deck Officer Mr. Retty Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
[illegible] M.	Down.		Up.	[illegible] M.			___ M.	Down.		Up.	___ M.	
9	56	00	10	06	00	0	9	57	00	10	06	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5214 Date, Oct 12, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make NZ No. 1019 - 1023 Cor'n Instr. Stem.

Bottom Reading L. 57.8 R. 57.5 Cor'd Temp. 57.48

Temp. Surf. 58.1 Time 10:38:30 a Time 57.98 Air 60

Density: Surf. fms.

Wind: Direction North Force 2

Baromet. 30.18 Amt. of Clouds 3 State of Sea S

Weather Dry

Direction and Force of Current. Surface 40 revs. in 36 sec. Bottom 40 " " 36 "

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter & 2 Kofoids

Time towing h. 10 m.

Remarks: Eckman wtr. bot used

Deck Officer Mr. Rettig Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M.	Down.		Up.	A. M.			A. M.	Down.		Up.	A. M.	
10	28	30				0	10	29	20	10	39	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
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						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ ~~Hydrog.~~ No. 5215 Date, Oct 12, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make NB Cor'n Instr. Stem.

No. 1019 – 1023

Bottom Reading L: 57.9 R: 57.8 Cor'd Temp. 57.68

Temp. Surf. 58.6 Time 11:04 a Air 61

Time

58.48

Density: Surf. fms.

Wind: Direction North Force 2

Baromet. 30. Amt. of Clouds 3 State of Sea S

Weather Dry

Direction and Force of Current. Surface 30 revs in 37 sec

Bottom 30 " " 35 "

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & 2 Kfds.

Time towing h. 10 m.

Remarks: Waterbottle (Eckman) used in ~~Sounding~~ sounding.

Deck Officer Mr. Rettig Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
[illegible] M.	Down.		Up.	[illegible] M.			[illegible] M.	Down.		Up.	[illegible] M.	
10	57	00	11	04	00	0	10	57	00	11	04	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
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						2600						
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						2800						
						2900						
						3000						
						3100						
						3200						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5216 Date, Oct 12, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 12 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make NZ Cor'n Instr.

No. 1019 - 1023 Stem.

Bottom Reading L. 56.8 R. 56.5 Cor'd Temp. 56.48

Temp. Surf. 67.2 Time 11:26 a Air 62

67.08 Time

Density: Surf. fms.

Wind: Direction WNW Force 2

Baromet. 30.17 Amt. of Clouds 3 State of Sea S

Weather Bcy

Direction and Force of Current. Surface ~~20 revs in 45 Sec~~

Bottom 30 " " 30 "

33 " " 30 "

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter x 2 Kfds

Time towing h. 10 m.

Remarks: Eckman wtr bot. used

Deck Officer Mr. Rettig Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
∫ M.	Down.		Up.	∫ M.			∫ M.	Down.		Up.	∫ M.	
11	16	00	11	26	00	0	11	17	00	11	27	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
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						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5217 Date, Oct 12, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 20 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N2 No. 1019 - 1023 Cor'n Instr. Stem.

Bottom Reading 56.3 - 56.3 Cor'd Temp. 56.13

Temp. Surf. 56.9 Time 11:49 a Time 56.78 Air 63

Density: Surf. fms.

Wind: Direction WNW Force 2

Baromet. 30.14 Amt. of Clouds 3 State of Sea S

Weather bcz

Direction and Force of Current. Surface 40 revs. in 37 Sec. Bottom 40 " " 38 "

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & 2 Kfds.

Time towing h. 10 m.

Remarks: Eckman wtr. bottle used.

Deck Officer Mr. Rettig Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	Down.		Up.	M.			M.	Down.		Up.	M.	
11	39	00	11	49	00	0	11	40	00	11	50	00
						100						
						200						
						300						
						400						
						500						
						600						
	2					700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5218 Date, Oct 12, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 14 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N.3. No. L 1019 - R 1023 Cor'n Instr. Stem.

Bottom Reading L 56.3 - R 56.3 Cor'd Temp. 56.13

Temp. Surf. 55.8 Time 12:20 P 55.68 Time Air 64°

Density: Surf. fms.

Wind: Direction Various Force 0 - 1

Baromet. 30.13 Amt. of Clouds .1 State of Sea S

Weather bcz

Direction and Force of Current. Surface 30 revs. in 31 Sec. Bottom 30 " " 32 "

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter, 2 Kgfoids, 1 sinker

Time towing h. 10 m.

Remarks:

Deck Officer Brown Rettig Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			P M.	Down.		Up.	P M.	
12	12	00	12	22	00	0	12	12	00	12	22	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						1900						
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						2100						
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						2900						
						3000						
						3100						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge ~~Hydrog.~~ No. 5785 - same as Hy 5219 Date, Oct 15, 1912

Sdg. Mch. T. N. Reel T. N. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 38 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N. Z. No. Cor'n Instr. Stem.

Bottom Reading Inter L 52.4 R 52.7 52.21 Bottom L 50° R 49.8° Cor'd Temp. 49.66

Temp. Surf. 53.8° Time 10:18 53.68 Time Air 53°

Density: Surf. fms.

Wind: Direction NW. Force 2

Baromet. 30.19 Amt. of Clouds 0 State of Sea S

Weather bz

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz, 3 glass floats, 4 trimming weights, 1 tail weight, 1 mud bag.

Time towing (on bottom) h. 26 m.

Remarks: 4' Inter + 2 Kofoids out at 10:32 in at 10:43 with 15 fath cable out.

Eckman water bottle used

Deck Officer Bosn Rettig Recorder C. E. De Long.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M.	Down.		Up.	9 M.			9 M.	Down.		Up.	9 M.	
10	9	10	10	27	50	0	10	49	25-	11	26	30
10	12	10	10	22	10	~~100~~ 75	10	53	05-	11	22	25-
						~~200~~ 90	10	57	20			
						~~300~~ 130	11	08	45-	11	19	25-
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						4800						
						4900						

Dredge / Hydrog. No. 5786 Date, Oct. 15, 1912

Sdg. Mch. Handlinford Reel ——— ~~Shot~~ Lead 14 lbs.

Turns ——— Cor'n ——— Depth 44 fms.

Sdg. Cup ——— Amt. Bot'm Sample ———

Character of Bottom ———

Thermom. Make ——— No. ——— Cor'n Instr. ——— Stem. ———

Bottom Reading ——— Cor'd Temp. ———

Temp. Surf. ——— Time 1:32 P. ——— Time ——— Air 57°

Density: Surf. ——— fms. ———

Wind: Direction S.W. Force 3

Baromet. 30.18 Amt. of Clouds 2 State of Sea 0

Weather bcf.

Direction and Force of Current. Surface ——— Bottom ———

Tide ———

General Locality ———

Position ———

Chart used: No. ——— Ed'n ———

Drift: Direction ——— Distance ———

Depth of Haul Bottom

Apparatus and Rig used 1½" 4 gang: 4 towing weights: 1 tail weight 0.3 glass float: 1 mudbag.

Time towing ——— h. 20 m.

Remarks: ———

Deck Officer M. Clancy Recorder H. W. Cude

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	DOWN.		UP.		M.		M.	DOWN.		UP.		M.
						0	12	58	00	1	39	00
						100	1	01	50	1	34	30
						120 ~~200~~	1	02	50			
						130 ~~300~~	1	09	40	1	32	50
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Howard Light Ship

Dredge / ~~Hydrog~~ No. 5787 Date, Oct. 15, 1912

Sdg. Mch Hendlinford Reel ——— ~~Shot~~ Lead 14 lbs.

Turns ——— Cor'n ——— Depth 40 fms.

Sdg. Cup ——— Amt. Bot'm Sample ———

Character of Bottom ———

Thermom. { Make ——— / No. ——— } Cor'n { Instr. ——— / Stem. ——— }

Bottom Reading ——— Cor'd Temp. ———

Temp. Surf. { ——— Time ——— / ——— Time ——— } Air { ——— / ——— }

Density: Surf. ——— ——— fms.

Wind: Direction ——— Force ———

Baromet. ——— Amt. of Clouds ——— State of Sea ———

Weather ———

———

Direction and Force of Current. { Surface ——— / Bottom ——— }

Tide ———

General Locality ———

———

Position ———

Chart used: No. ——— Ed'n ———

Drift: Direction ——— Distance ———

Depth of Haul Bottom

Apparatus and Rig used 12' Agassiz; 4 trawl weights; 1 tail weight; 3 glass floats; 1 mud bag

Time towing ——— h. ——— m.

Remarks: ———

———

———

———

———

———

———

———

Deck Officer Mr. Avery Recorder J. W. Crosby

11—1023

SOUNDING WIRE. M. DOWN.	SOUNDING WIRE. UP.	SOUNDING WIRE. M.	FMS.	DREDGING CABLE. P M. DOWN.	DREDGING CABLE. UP.	DREDGING CABLE. P M.
			0	2 18 00	2 57 00	
			100	2 21 20	2 53 30	
			130 ~~200~~	2 22 30	2 52 30	
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
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			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
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			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hard bottom

same as 5787

~~Dredge~~ Hydrog. No. 5220 Date, Oct 15, 1912

Sdg. Mch. Tanner Reel T.N. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 39 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N.Z. Cor'n Instr. Stem.

No. L.1019 R1023

Bottom Reading L.53.2 R53.7 Cor'd Temp. 53.21

Inter L.52.2 R52 51.76

Temp. Surf. 54° Time 3:14 P Air 56°

Time

53.88

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter - Vertical haul

Apparatus and Rig used 4' Inter: 2 Leofords

Time towing h. m.

Remarks: Ecl Eman water bottle used.

Deck Officer Mr. Clancy Recorder H.W. Cridr

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	Down.		Up.		M.		M.	Down.		Up.		M.
2	55	00	3	12	00	0	3	01	00	3	05	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4800						
						4900						

Dredge ~~Hydrog.~~ No. 5788 also Hyd 5221 Date, Oct 21, 1912

Sdg. Mch. T N Reel T. N. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 68 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N Z. No. L. R Cor'n Instr. Stem.

Bottom Reading L 49° R 49° Cor'd Temp. 48.76

Inter " L 50.1° R 50.0° 49.71

Temp. Surf. 52.5° Time 52.38 Time Air 55°

Density: Surf. fms.

Wind: Direction Sheat Force 2

Baromet. 30.15 Amt. of Clouds 1 State of Sea S

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz, 4 trimming weights, 1 tail weight, 1 mud bag 3 glass floats

Time towing h. 20 m.

Remarks: In Sounding let out 35 fath + put on second ther. Took vertical haul with 4' Inter + 2 Kofoids 2-15-20 with 55 fath wire out. Messenger on inter ther had failed to detach on arrival at surface but was immediately let go. Net slightly torn.

Deck Officer Bosn Rettig Recorder C. E. DeLong.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	P. M.	
1	10	30	1	24	35	0	1	30	00	1	5-9	20
1	14	10	1	24	10	68 ~~100~~	1	34	15	1	54	10
						200	1	40	15	1	50	00
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4800						
						4900						

also Hyd 5222

Dredge ~~Hydrog.~~ No. 5769 Date, Oct 21, 1912

Sdg. Mch. T. N. Reel T. N. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 46 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N. Z. Cor'n Instr.

No. Stem.

Inter: L: 52.5 R: 52.8° 52.31

Bottom Reading: L: 49.2 R: 49° Cor'd Temp. 48.86

Temp. Surf. 52.7° Time 2:36 Air 55°

52.58 Time

Density: Surf. fms.

Wind: Direction West Force 2

Baromet. 30.14 Amt. of Clouds 0 State of Sea L

Weather b

Direction and Force of Current. Surface

Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz, 1 mud bag 4 trimming weights 1 tail weight, 3 glass floats.

Time towing h. 20 m.

Remarks: Let out 20 fath sounding wire & put on Inter ther. Messenger failed to detach from Inter ther & was released on arrival at surface. Took vertical haul with 4' Inter & two Kafoids

Deck Officer Aaron Rettig Recorder C. E. D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	P. M.	
2	34	20	2	38	50	0	2	53	50	3	27	15
2	37	45	2	37	50	100	2	54	00	3	17	50
						200	3	02	50	3	15	50
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

x Hy 5223

Dredge / ~~Hydrog.~~ No. 5790 Date, Oct 22, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 35 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N Z Cor'n Instr.

No. 1019 — 1021 Stem.

Inter ~~Bottom~~ Reading 49.8 - 49.9 at 15 fms. Cor'd Temp. 49.51

Temp. Surf. 52.8 Time 11:26 a Air 55

52.68 Time

Density: Surf. fms.

Wind: Direction S.E. Force 2 - 3

Baromet. 30.05 Amt. of Clouds 10 State of Sea C

Weather OT

Direction and Force of Current. Surface

Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter x bottom, resp.

Apparatus and Rig used 4' Inter and 2 Kofoids. then 12' Agassiz: 4 trawling weights 1 tail weight: 3 glass floats: 1 mud bag.

Time towing h. 20 m.

Remarks: Bottom thermometer did not trip - Towed Inter 5 min; 12' Agassiz 20 min.

Deck Officer Mr. Clancy Recorder Stockil — Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a	M.	Down.	Up.		M.		a	M.	Down.	Up.		M.
11	17	00	11	52	15	Int 60	11	34	00	12	01	30
11	20	00	11	00	00	100	11	37 40	00 00	11	57	00
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
40 fms						1900						
11	37					2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100	11	34				
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Hydro. 5224

Dredge / Hydrog. No. 5791 Date, Oct. 22, 1912

Sdg. Mch. Tanner Reel T.N. Shot / Lead 14 lbs.

Turns Cor'n Depth 36 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N.Z. No. L.1019 R1023 Cor'n Instr. Stem.

Bottom Reading L.49.8 R.49.8 Cor'd Temp. 49.56

Inter. 49.9 49.5 49.31

Temp. Surf. 52.5 Time 12:45 Air 54°

52.38 Time

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

Baromet. 30:02 Amt. of Clouds 10 State of Sea C

Weather ory

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 4' Inter: 2 Kofords: 12' Agassiz: 4 tuning weights: 3 glass floats: 1 tail weight 1 mud bag.

Time towing h. 20' m.

Remarks: Lost weight after lifting from water.
Eckman water bottle used.

Deck Officer Mr Clancy Recorder H. W. Snider

11—1023

SOUNDING WIRE. M. Down.	SOUNDING WIRE. Up.	SOUNDING WIRE. M.	FMS.	DREDGING CABLE. M. Down.	DREDGING CABLE. Up.	DREDGING CABLE. M.
12 35 00	12 45 00		0	12 49 00	1 17 30	
			100	5245	1 13 30	
			110 ~~200~~	12 53 00	1 13 00	
			300			
			400			
			500			
		Hydro	~~600~~	12 35 30	12 41 00	
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
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			3700			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydro 5225

Dredge / Hydrog. No. 5792 Date, Oct 22, 1912

Sdg. Mch. Tanner Reel T. N. ~~Shot~~ Lead 14 lbs.

Turns ..... Cor'n ..... Depth 26 fms.

Sdg. Cup ..... Amt. Bot'm Sample .....

Character of Bottom .....

Thermom. Make N. Z. Cor'n Instr. .....
No. L. 1019 R 1023 Stem. .....

~~Bottom~~ Inter Reading L. 52 R. 52.1 Cor'd Temp. 51.81

Temp. Surf. 52 Time 2:01 P Air 53°
51.88 Time .....

Density: Surf. ..... fms. .....

Wind: Direction S. E. Force 2-3

Baromet. 30:02 Amt. of Clouds 10 State of Sea C

Weather Cf

Direction and Force of Current. Surface .....
Bottom .....

Tide .....

General Locality .....

Position .....

Chart used: No. ..... Ed'n .....

Drift: Direction ..... Distance .....

Depth of Haul Bottom

Apparatus and Rig used 4' Inter. 2 Kofords. 12' Agassiz: 4 towing weights: 1 tail weight: 3 glass floats: 1 mud bag

Time towing ..... h. 20 m.

Remarks: Water Bottle failed to trip.

Eckman water bottle used.

Deck Officer Mr. Clancy Recorder H. W. Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.	P	M.		P	M. Down.		Up.	P	M.
1	57	00	2	01	00	0	2	05	20	2	32	30
						~~100~~ 90	2	04	00	2	29	00
						200						
						300						
						400						
						500						
				Hydro		~~600~~	1	53	00	1	55	00
						700						
						800						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5793 Date, Oct 28, 1912

Sdg. Mch. Handlead Reel — ~~Shot~~ / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 10 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

Thermom. { Make ____ / No. ____ } Cor'n { Instr. ____ / Stem. ____ }

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. { ____ Time ____ / ____ Time ____ } Air { ____ / ____ }

Density: Surf. ____ ____ fms.

Wind: Direction ENE Force 1

Baromet. 30.31 Amt. of Clouds 10 State of Sea S

Weather B

Direction and Force of Current. { Surface ____ / Bottom ____ }

Tide ____

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Bottom

Apparatus and Rig used Oyster Dredge

Time towing ____ h. 6 m.

Remarks: Towed backing.

Deck Officer Mr. Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. Down.			Up.	___ M.			A M. Down.			Up.	A M.	
						0	11	15	30	11	30	00
						85 ~~100~~	11	20	00	11	26	00
						200						
						300						
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Dredge / Hydrog. No. 5794 Date, Oct. 28, 1912

Sdg. Mch. Hand lead Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 10 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make / No. Cor'n Instr. / Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. Time / Time Air

Density: Surf. fms.

Wind: Direction West Force 1

Baromet. 30.29 Amt. of Clouds 10 State of Sea S

Weather Oz

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used Oyster dredge

Time towing h. 11 m.

Remarks: Towed backing.

Deck Officer Mr. Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		P--- M.	DOWN.		UP.	C--- M.	
						0	1	35	00	1	53	00
						75 ~~100~~	1	40	00	1	57	00
						200						
						300						
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Dredge / Hydrog. No. 5795 Date, Oct 29, 1912

Sdg. Mch. hand line Reel Shot / Leads lbs.

Turns Cor'n Depth 13 1/2 fms. beginning to 19 at end of haul

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make / No. } Cor'n { Instr. / Stem. }

Bottom Reading Cor'd Temp.

Temp. Surf. { 56° Time 9.40 a / Time } Air { 53° }

Density: Surf. fms.

Wind: Direction Various Force 0 - 1

Baromet. 30.30 Amt. of Clouds 4 State of Sea 2

Weather hazy

Direction and Force of Current. { Surface / Bottom }

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used Oyster rake, bony attached to upper part,

Time towing h. 13 m.

Remarks: End of bony broken out.

Deck Officer Rasm King Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		9 M.	DOWN.		UP.		9 M.
						0	9	32	40	9	49	00
						100	9	36	30	9	45	45
						~~200~~ 220	9	37	35	9	45	15
						300						
						400						
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Dredge / Hydrog. No. 5796 Date, Oct 29, 1912

Sdg. Mch. Hand line Reel ..... Shot / Lead ..... lbs.

Turns ..... Cor'n ..... Depth 19½ fms. to 12½ at end of haul

Sdg. Cup ..... Amt. Bot'm Sample .....

Character of Bottom .....

Thermom. Make ..... No. ..... Cor'n Instr. ..... Stem. .....

Bottom Reading ..... Cor'd Temp. .....

Temp. Surf. 56° Time 10:50 Time ..... Air 55°

Density: Surf. ..... fms. .....

Wind: Direction Various Force 0-1

Baromet. 30.29 Amt. of Clouds 9 State of Sea 2

Weather bcy

Direction and Force of Current. Surface ..... Bottom .....

Tide Flood

General Locality .....

Position .....

Chart used: No. ..... Ed'n .....

Drift: Direction ..... Distance .....

Depth of Haul bottom

Apparatus and Rig used Oyster rake, 4 glass floats.

Time towing ..... h. 9 m.

Remarks: .....

Deck Officer Bosn King Recorder C. E. De Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.	---- M.			a M.	DOWN.		UP.	a M.	
						0	10	35	40	10	49	40
						100	10	39	20	10	46	20
						~~200~~ 256	10	41	05	10	44	30
						300						
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Dredge / ~~Hydrog.~~ No. 5797 Date, Oct 29, 1912

Sdg. Mch. Hand line Reel Shot / Lead 7½ - end of haul lbs.

Turns Cor'n Depth 8½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make / No. Cor'n Instr. / Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 58° Time 11:52 / Time Air 56°

Density: Surf. fms.

Wind: Direction Various. Force 0-1

Baromet. 30.28 Amt. of Clouds .9 State of Sea S

Weather bcy

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 5' Tanner, wooden runners 2 glass floats, ~~2 trimming weights~~

Time towing h. 7/11 m.

Remarks:

Deck Officer Cosu King Recorder C. E. DeLong

H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.		Down.	Up.		M.		A M.	Down.		Up.		B M.
						0	11	5-1	00	12	03	30
						~~38 100~~	11	5-4	15-			
						40 ~~200~~	11	5-5	00	12	01	30
						300						
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