H5291-
5328.

D5827-
5836.

507

H 5291
328

D 5827
36

~~Dredge~~ Hydrog. } No. 5291 Date, Jan 13, 1913

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

Turns Cor'n Depth 13 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. 43.5 R 43.5 Cor'd Temp. 43.43

Temp. Surf. { 43 / 42.73 } Time 1:48 P / Time } Air { 53 }

Density: Surf. fms.

Wind: Direction S.E. Force 2 3

Baromet. 30.09 Amt. of Clouds 10 State of Sea 0

Weather oz

Direction and Force of Current. { Surface / Bottom }

Tide ~~Flood~~ Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter. 2 Kofords 150# Weight

Time towing h. m.

Remarks: Eckman water bottle used.

Deck Officer Mr. Rottig Recorder J. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			P. M. Down.			Up.	P. M.	
1	38	00	1	48	00	0	1	38	00	1	48	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. 5292 Date, Jan 13, 1913

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

Turns ..... Cor'n ..... Depth 13 fms.

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

Character of Bottom .....

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

Bottom Reading L 43.5 R 43.5 Cor'd Temp. 43.43

Temp. Surf. 43 Time 1:59 P / 42.73 Time ..... Air 53°

Density: Surf. ..... fms.

Wind: Direction S.E. Force 2-3

Baromet. 30.07 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 Anchored Distance .....

Depth of Haul Inter.

Apparatus and Rig used 4 Inter. 2 Kofoids 150# weight

Time towing ..... h. 15 m.

Remarks: Estimate water bottle used. Towed 5 minutes under way.

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	48	00	1	58	00	0	1	53	00	2	08	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. 5293 Date, Jan 13, 1913

Sdg. Mch. Tanner Reel Tin Shot / Lead 14 lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N.Z. No. L1019 N1023 Cor'n Instr. Stem.

Bottom Reading L.44 R.44 Cor'd Temp. 43.93

Temp. Surf. 43.5 Time 2:42 P. 43.23 Time Air 52°

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

Baromet. 30.07 Amt. of Clouds 10 State of Sea 8

Weather Oz

Direction and Force of Current. Surface Bottom

Tide Flood.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored. Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Kgfords: 150# weight.

Time towing h. 13½ m.

Remarks: Eckman water bottle used.

Towed three minutes under way.

Deck Officer M. M. Pettey Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P___ M. DOWN.			UP. P___ M.				P___ M. DOWN.			UP. P___ M.		
2	31	00	2	41	00	0	2	31	00	2	44	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						4000						
						4100						
						4200						
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						4500						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5294 Date, Jan 13, 1913

Sdg. Mch. Tanner Reel T. 21 Shot Lead 14 lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading S 44.9 R. 44.8 Cor'd Temp. 44.78

Temp. Surf. 44.1 Time 3:18 P. Time 43.83 Air 52°

Density: Surf. fms.

Wind: Direction S E. Force 4-5

Baromet. 30.03 Amt. of Clouds 10 State of Sea C

Weather Oz

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inte.

Apparatus and Rig used 4 Inter. 2 ft of ords 150 # weight

Time towing h. 16 m.

Remarks: Eckman water bottle used.

Used bottom sampler.

Towed 3 minutes underway.

Deck Officer Mr Kettig Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
To ___ M. Down.			Up. To ___ M.				To ___ M. Down.			Up. To ___ M.		
3	06	00	3	18	00	0	3	06	00	3	22	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						4000						
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						4700						
						4800						
						4900						

Dredge / Hydrog. } No. 5295 Date, June 13, 1913

Sdg. Mch. Tanner Reel T.N. Shot / Lead } 24 lbs.

Turns ..... Cor'n ..... Depth 6 fms.

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

Character of Bottom .....

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

Bottom Reading L 45.7 P 45.6 Cor'd Temp. 45.58

Temp. Surf. { 45.2 Time 4:04 P / 44.93 Time ..... } Air { 51° }

Density: Surf. ..... fms.

Wind: Direction S.E. Force 4-5

Baromet. 30.02 Amt. of Clouds 10 State of Sea 8

Weather Oz

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

Tide Flood

General Locality .....

Position .....

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

Drift: Direction Anchored Distance .....

Depth of Haul Inter

Apparatus and Rig used 4' Inter. 2 Kofords

150 # weight

Time towing ..... h. 14 m.

Remarks: Eckman water bottle used.

Towed 4 min. underway

Deck Officer Mr. Rottig Recorder J. W. Crider

Arthur

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. DOWN.			UP. ___ M.				___ M. DOWN.			UP. ___ M.		
3	54	10	4	08	00	0	3	54	10	4	04	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						4000						
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						4200						
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						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5296 Date, Jan 13, 1913

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. L: 1019 - R: 1023 } Cor'n { Instr. / Stem.

Bottom Reading L: 46.0 R: 46.0 Cor'd Temp. 45.93

Temp. Surf. { 45.8 Time 4:35 pm / 45.53 Time } Air { 51

Density: Surf. fms.

Wind: Direction SE Force 4

Baromet. 30.01 Amt. of Clouds 10 State of Sea C

Weather 0

Direction and Force of Current. { Surface / Bottom

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter x 2 Kfds.

Time towing h. 10 m.

Remarks: Eckman water bottle used

Net Towed 2 min

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	28	00	4	38	00	0	4	25	00	4	35	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
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						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5827 Date, Jan 20, 1913

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

Turns Cor'n Depth 12-12½-6¾ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 49° Time 9:50 a / Time Air 48°

Density: Surf. fms.

Wind: Direction Various Force 0-1

Baromet. 30.45 Amt. of Clouds 0 State of Sea S.

Weather bf

Direction and Force of Current. Surface / Bottom

Tide Ebb.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 5' Coaster trawl, 150# sinkers, 2 glass floats

Time towing h. 14 m.

Remarks: Net came up badly torn

Deck Officer Bosn Clancy Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M.	Down.		Up.	a M.			a M.	Down.		Up.	a M.	
						0	9	19	45	9	21	00
						~~100~~						
						~~200~~						
						~~300~~	9	26	30	9	27	20
						~~400~~						
						500						
						600						
						~~700~~	9	33	40	9	47	30
						~~800~~	9	35	40	9	45	40
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						~~1500~~	9	52	25	9	53	20
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
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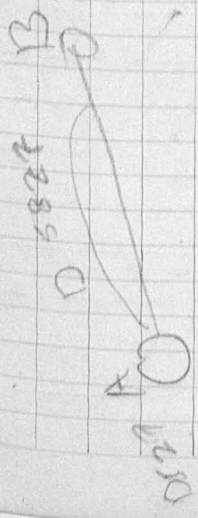
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Orange peel bucket
5-827-A
(Bucket not full first trial.

5-1 Coaster trawl 0
12½ fath 40

Orange peel bucket
5-827-B
6¾ fath



Dredge ~~Hydrog.~~ No. 5828 Date, Jan 20, 1913

Sdg. Mch. Hand line Reel Shot Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 49° Time 11:00 Time Air 48°

Density: Surf. fms.

Wind: Direction Various Force 0-1

Baromet. 30.44 Amt. of Clouds 1 State of Sea S

Weather bcz

Direction and Force of Current. Surface Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 5' Coaster trawl, 150# sinker, 2 glass floats.

Time towing h. 27 m.

Remarks:

Deck Officer Boen Clancy Recorder C E Long

11—1023

11—1023

SOUNDING WIRE. A.M. Down. / Up. A.M.	FMS.	DREDGING CABLE. A.M. Down.	Up. A.M.
Orange peel bucket	0	10 18 35	10 20 00
	100		
16 3/4 fath	200		
5828-A	300		
	400		
	500		
	600		
	700		
	800		
	900		
5' Coaster trawl	0 ~~1000~~	10 47 40	11 14 00
10 1/4 fath	30 ~~1100~~	10 49 45	11 12 40
	1200		
	1300		
	1400		
	1500		
	1600		
	1700		
	1800		
	1900		
	2000		
	2100		
Orange Peel bucket	~~2200~~	10 27 30	10 28 30
	2300		
11 fath	2400		
5-828-B	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. 5829 Date, Jan 20, 1913

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

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 45.0° Time 11:55 / Time Air 52°

Density: Surf. fms.

Wind: Direction Various Force 0-1

Baromet. 30.42 Amt. of Clouds 1 State of Sea L

Weather Fog

Direction and Force of Current. Surface / Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 5' Coster trawl, 150# sinker, 2 glass floats

Time towing h. 10 m.

Remarks: X No sample obtained.

Deck Officer Robt Clancy Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	Down.		Up.	---- M.			a M.	Down.		Up.	a M.	
5829 - A						0	11	33	50	11	35	00
Orange Peel Bucket						100						
10½ fath.						200	11	37	30	11	38	30
Bucket did not						300						
fill first two						400	11	40	50	11	41	50
trials.						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
5' Coaster trawl						~~1300~~	11	46	10	11	56	05
10 fath						30 ~~1400~~	11	47	45	11	54	50
						1500						
5829B.						1600						
Orange Peel Bucket						1700	12	09	30	12	11	30
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
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						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5830 Date, Jan 20, 1910

Sdg. Mch. Hand line fish Reel Shot / Lead 14 lbs.

Turns Cor'n Depth 1532 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 East Force 1

Baromet. 30.41 Amt. of Clouds 2 State of Sea S

Weather bcz

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 Orang Peel Bucket

Time towing h. m.

Remarks: * No sample secured

Deck Officer M. Clancy Recorder H. W. Price

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.			DOWN.	UP.	M.		M.		DOWN.	UP.	M.	
Orange Peel Bucket						0	12	09	30	12	11	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Cancelled

~~Dredge~~ Hydrog. No. 5297 Date, Jan. 20, 1913

Sdg. Mch. James Reel R. N. ~~Shot~~ Lead lbs.

Turns Cor'n Depth 10 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading L 48 R 48 Cor'd Temp. 47.93

Temp. Surf. 48 Time 1:03 P. Air 59°
47.73 Time

Density: Surf. fms.

Wind: Direction East Force 0-1

Baromet. 30.38 Amt. of Clouds 2 State of Sea S

Weather Hez

Direction and Force of Current. Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored. Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter. 9 Rofords.
150 # weight

Time towing h. 5 m.

Remarks: Fireman wide, battened.

Deck Officer Mr. Clancy Recorder H. W. Cride

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. DOWN.			UP. P M.				P M. DOWN.			UP. P M.		
12	57	00	1	01	00	0	12	56	00	1	01	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4100						
						4200						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5298 Date, Jan 20, 1913

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.48.3 R.48.2 Cor'd Temp. 48.18

Temp. Surf. 47.9 Time 1:50 P. 47.63 Time ..... Air 62°

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

Wind: Direction N.W. Force 0-1

Baromet. 30.38 Amt. of Clouds 2 State of Sea S

Weather b.c.z.

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

Tide .....

General Locality .....

Position .....

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

Drift: Direction Anchored Distance .....

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Trafords 150# weight.

Time towing ..... h. 22½ m.

Remarks: Ekman water bottle used.

Used Bottom Sampler 3 times

Deck Officer M. Clancy Recorder J. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.		P. M.		P. M. Down.			Up.		P. M.
1	38	30	1	49	30	0	1	40	00	2	02	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3600						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5299 Date, Jan 20, 1913

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.47.9 R.47.8 Cor'd Temp. 47.78

Temp. Surf. { 47.9 Time 2:37 P / 47.63 Time } Air { 59° }

Density: Surf. fms.

Wind: Direction N.W. Force 0-1

Baromet. 30.38 Amt. of Clouds 2 State of Sea S

Weather Rez.

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Tagfords.
150# weight

Time towing h. 9 m.

Remarks: Eckman water bottle used

Used Bottom Sampler 2 times

Deck Officer McClancy Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
0 M. Down.			Up. 0 M.				0 M. Down.			Up. 0 M.		
2	26	00	2	36	00	0	2	27	00	2	36	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5300 Date, Jan 20, 1913

Sdg. Mch. Lamer 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 10 19 R. 1023 } Cor'n { Instr. ..... / Stem. ..... }

Bottom Reading L 47.8 R. 47.6 Cor'd Temp. 47.63

Temp. Surf. { 47.5 Time 3:07 P / 47.23 Time ..... } Air { 56° / ..... }

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

Wind: Direction N. Force 0-1

Baromet. 30.38 Amt. of Clouds 3 State of Sea 5°

Weather Ocz.

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

Tide .....

General Locality .....

Position .....

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

Drift: Direction Anchored Distance .....

Depth of Haul Inter

Apparatus and Rig used 4' Inter 2 Kofords 150# weight

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

Remarks: Eckman Water bottle used

Used bottom sampler 2 times

Deck Officer M. Clancy Recorder H. W. Cooper

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up. P. M.				P. M. Down.			Up. P. M.		
2	56	00	3	06	00	0	2	57	00	3	06	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
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						4500						
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						4700						
						4800						
						4900						

Dredge / Hydrog. No. 5301 Date, Jan 20, 1913

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. 47.3 R. 47.2 Cor'd Temp. 47.18

Temp. Surf. 47.3 Time 3:49 P. 47.03 Time ..... Air 58°

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

Wind: Direction N. Force 0-1

Baromet. 30.38 Amt. of Clouds 4 State of Sea S

Weather bcz.

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

Tide .....

General Locality .....

Position .....

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

Drift: Direction Anchored Distance .....

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 27 Fathoms. 150# weight.

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

Remarks: Eckman water bottle used

Used Bottom Sampler

Bottom Sampler failed to function twice

Deck Officer M. Clancy Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.	P M.			P M. Down.			Up.	P M.	
3	27	00	3	48	00	0	3	28	00	3	38	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5302 Date, Jan 20, 1913

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

Bottom Reading 47.2° - 47.1° Cor'd Temp. 47.08

Temp. Surf. 47.0° Time 4:13 P. Air 55°
46.73 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.35 Amt. of Clouds 4 State of Sea S

Weather bog.

Direction and Force of Current. Surface Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & 2 Kofoids.

Time towing h. 7 m.

Remarks: Extreme wtr. bottle used

Used bottom Sampler 2 times

Deck Officer Mr. Clancy Recorder A. Mikil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up. P M.				P M. Down.			Up. P M.		
4	03	00	4	13	00	0	4	05	00	4	12	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. 5303 Date, Jan 20, 1913

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 N3 No. 1019 – 1023 Cor'n Instr. Stem.

Bottom Reading 47.0° – 46.9° Cor'd Temp. 46.88

Temp. Surf. 46.5° Time 4:43 P 46.23 Time Air 52°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.35 Amt. of Clouds 4 State of Sea S

Weather Very

Direction and Force of Current. Surface Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & 2 Rfds.

Time towing h. 9 m.

Remarks: Eckman water bottle used

Used bottom sampler twice

Deck Officer J. F. Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. DOWN.			UP. M.				M. DOWN.			UP. M.		
4	33	10	4	43	10	0	4	33	30	4	42	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5304 Date, January 20, 1913

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 N No. 1019 – 1023 Cor'n Instr. Stem.

Bottom Reading 46.8° – 46.7° Cor'd Temp. 46.68

Temp. Surf. 46.4° Time 5:13 P 46.13 Time Air 50°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.34 Amt. of Clouds 3 State of Sea S

Weather Bog

Direction and Force of Current. Surface Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter & 2 Kofoids

Time towing h. 7½ m.

Remarks: Used Eckman water bottle

Used bottom Sampler 2 times.

Deck Officer Mr. Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.		P M.		P M. Down.			Up.		P M.
5	03	30				0	5	05	00	5	12	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 6580 Date, Jan 21, 1913

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

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

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

Character of Bottom .....

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

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

Temp. Surf. { 50° Time 10:02 / ..... Time ..... } Air { 47° / ..... }

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

Wind: Direction West Force 1

Baromet. 30.26 Amt. of Clouds 3 State of Sea 2

Weather hcy

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 5' Coaster trawl

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

Remarks: .....

Deck Officer Bosun King Recorder C. E. DeLong

11—1023

SOUNDING WIRE. ___ M. Down.	Up. ___ M.	FMS.	DREDGING CABLE. a M. Down.	Up. a M.
Orange peel Bucket 5-830-a 11 fath		0	9 38 00	9 38 50
		100		
		200		
		300	9 40 50	9 42 00
Tailed to fill bucket first time.		400		
		500		
		600		
		700		
		800		
		900		
5' Coaster trawl 11 fath		1000	9 46 15	9 53 50
		1100	9 47 45	9 54 30
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
Orange peel bucket 10½ fath 5-830-B		1800	10 00 20	10 01 35
		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. 5831 Date, Jan 21, 1913

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

Turns ..... Cor'n ..... Depth 13 fms.

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

Character of Bottom .....

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

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

Temp. Surf. { 50° Time 10:25 / ..... Time ..... } Air { 48° / ..... }

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

Wind: Direction West Force 1

Baromet. 30.25 Amt. of Clouds 3 State of Sea S

Weather hazy

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 .....

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

Remarks: .....

Deck Officer Brian Kings Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.M.		Down.	Up.	A.M.			A.M.		Down.	Up.	A.M.	
Orange peel bucket 13 fath.						0	10	22	00	10	23	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4200						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5-305 Date, Jan 21, 1913

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

Turns ..... Cor'n ..... Depth 11 fms.

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

Character of Bottom .....

Thermom. { Make N.S. / No. L: R: } Cor'n { Instr. ..... / Stem. ..... }

Bottom Reading L: 48.3 R: 48.2 Cor'd Temp. 48.18

Temp. Surf. { 47.5 Time 11.42 / 47.23 Time ..... } Air { 48° / ..... }

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

Wind: Direction Variable Force 1-2

Baromet. 30.22 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 Intermediate

Apparatus and Rig used 4' Inter., 2 Kafoids, 150# sinker

Time towing ..... h. 12 m.

Remarks: Eckman water bottle used

Deck Officer Brian Kings Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up. a M.				a M. Down.			Up. a M.		
11	34	00	11	48	00	0	11	36	00	11	48	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5306 Date, Jan 21, 1923

Sdg. Mch. Tanner Reel Tm Shot Lead } 14 lbs.

Turns _____ Cor'n _____ Depth 10 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make N. Z. / No. L1019 P1023 } Cor'n { Instr. / Stem. }

Bottom Reading L 47.9 P. 47.8 Cor'd Temp. 47.78

Temp. Surf. { 48 Time 12:28 P. / 47.73 Time } Air { 44° }

Density: Surf. _____ fms. _____

Wind: Direction North Force 1

Baromet. 30.21 Amt. of Clouds 5 State of Sea S

Weather bcz

Direction and Force of Current. { Surface / Bottom }

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction Anchored Distance _____

Depth of Haul Inter.

Apparatus and Rig used 4' Inter. 29 Kofords 150# weight

Time towing _____ h. 10 m.

Remarks: Eckman water bottle used

Used Bottom Sampler

Deck Officer M. King Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
12 M. Down.			Up. 12 M.				12 M. Down.			Up. 12 M.		
12	17	00	12	27	00	0	12	27	00	12	17	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5307 Date, Jan 21, 1913

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. L1019 R1023 Cor'n Instr. ..... Stem. .....

Bottom Reading L 47.2 R. 47.1 Cor'd Temp. 47.08

Temp. Surf. 47.1 Time 1111P Time ..... 46.83 Air 45

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

Wind: Direction N. Force 1

Baromet. 30.17 Amt. of Clouds 6 State of Sea S

Weather bcz.

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

Tide .....

General Locality .....

Position .....

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

Drift: Direction Anchored Distance .....

Depth of Haul Inter.

Apparatus and Rig used 4 Inter: 2 Ft of ords 150 ft weight.

Time towing ..... h. 11 m.

Remarks: Eckman water bottle used.

Used Bottom Sampler

Deck Officer M McKinney Recorder W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up. P. M.				P. M. Down.			Up. P. M.		
1	01	00	1	11	00	0	1	01	00	1	12	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5308 Date, Jan 21, 1913

Sdg. Mch. Tanner Reel Tn. ~~Shot~~ Lead } 14 lbs.

Turns ..... Cor'n ..... Depth 6 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. 46.8 R. 46.7 Cor'd Temp. 46.68

Temp. Surf. { 46.9 Time 1:43 P. / ~~46.63~~ Time ..... } Air { 47° / ..... }

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

Wind: Direction N. Force 1

Baromet. 30.13 Amt. of Clouds 9 State of Sea S

Weather bag.

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

Tide .....

General Locality .....

Position .....

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

Drift: Direction Anchored. Distance .....

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Kafords 150# Weight

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

Remarks: Eckman water bottle used

Used Bottom Sampler

Deck Officer Mr. King Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M. Down.		Up.	P.	M.		P.	M. Down.		Up.	P.	M.
1	32	00	1	42	00	0	1	32	00	1	42	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. 5309 Date, Jan 21, 1913

Sdg. Mch. Lamson Reel TM ~~Shot~~ Lead 14 lbs.

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

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

Character of Bottom .....

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

Bottom Reading L 46 R 46 Cor'd Temp. 45.93

Temp. Surf. 46.1 Time 2:20 P / 45.83 Time ..... Air 48

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

Wind: Direction N Force 1

Baromet. 30.13 Amt. of Clouds 8 State of Sea S

Weather hazy

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

Tide .....

General Locality .....

Position .....

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

Drift: Direction Anchored Distance .....

Depth of Haul Inter.

Apparatus and Rig used 4' Inter. 2 9½ fords. 150# weight

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

Remarks: Eckman water bottle used

Used Bottom Sample

Deck Officer W. M. King Recorder J. W. Conde

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			P M.	Down.		Up.	P M.	
2	09	00	2	19	00	0	2	09	00	2	19	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5310 Date, Jan 21, 1913

Sdg. Mch. Lanner Reel M Shot Lead 14 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading L.46 R.46 Cor'd Temp. 45.93

Temp. Surf. 46.1 Time 2:42 P Time 45.83 Air 49°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.12 Amt. of Clouds 8 State of Sea S

Weather Bcz.

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter. 2 9 Kofords 150# Weight.

Time towing h. 10½ m.

Remarks: Eckman water bottle used.

Used Bottom Sampler

Deck Officer M. King Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up. P. M.				P. M. Down.			Up. P. M.		
2	32	00	2	42	00	0	2	32	00	2	42	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						3900						
						4000						
						4100						
						4200						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5311 Date, Jan 21, 1913

Sdg. Mch. Tanner Reel TM ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N.Z. No. L1019R1023 Cor'n Instr. Stem.

Bottom Reading L.46 R.46 Cor'd Temp. 45.93

Temp. Surf. 46 Time 3:07 P. 45.73 Time Air

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.12 Amt. of Clouds 8 State of Sea S

Weather bcy

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Reefords: 150 # weight

Time towing h. m.

Remarks: Eckman water bottle used.

Used Bottom Sampler.

Deck Officer M. King Recorder J. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
T. M. DOWN.			UP. T. M.				T. M. DOWN.			UP. T. M.		
2	55	30	3	05	30	0	2	56	00	3	06	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5312 Date, Jan 21, 1913

Sdg. Mch. Tanner Reel In. ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N. Z. No. L 104924 R 108018 Cor'n Instr. Stem.

Bottom Reading L. 46 R. 45.9 Cor'd Temp. 45.88

Temp. Surf. 46 Time 3:30 P Air

N.Z. 108011 45.73 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.12 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 Anchored Distance

Depth of Haul Inter.

Apparatus and Rig used 4 Inter: 2 Kofords 150# weight.

Time towing h. 10 m.

Remarks: Eckman water bottle used.

Used Bottom Sampler

Deck Officer Mr. King Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up. P M.				P M. Down.			Up. P M.		
3	20	00	3	30	00	0	3	20	00	3	30	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5832 Date, Jan. 27, 1913

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

Turns ____ Cor'n ____ Depth 9½ fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 48° Time 10:00 a.m. / Time ____ Air 50°

Density: Surf. ____ fms. ____

Wind: Direction Calm Force 0

Baromet. 30.25 Amt. of Clouds 7 State of Sea 8

Weather Fog.

Direction and Force of Current. Surface ____ Bottom ____

Tide Ebb

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Bottom

Apparatus and Rig used Orange-peel Bucket.

Time towing ____ h. — m.

Remarks: Dropped Orange-peel Bucket twice on the same Station.

Deck Officer Mr. King Recorder [illegible]

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
---- M. DOWN.		UP.	---- M.			---- M. DOWN.			UP.	---- M.	
Orange-peel Bucket					0	9	57	00	9	57	10
					100						
					~~200~~	10	02	00	10	02	07
					300						
					400						
					500						
					600						
					700						
					800						
					900						
					1000						
					1100						
					1200						
					1300						
					1400						
					1500						
					1600						
					1700						
					1800						
					1900						
					2000						
					2100						
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					2400						
					2500						
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					2800						
					2900						
					3000						
					3100						
					3200						
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					3700						
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					3900						
					4000						
					4100						
					4200						
					4300						
					4400						
					4500						
					4600						
					4700						
					4800						
					4900						

~~Dredge~~ Hydrog. No. 5313 Date, Jan 27, 1913

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 N.Z. Cor'n Instr. Stem.

No. L:104924 R:108018

Bottom Reading L: 46.8 R: 46.7 Cor'd Temp. 46.68

Temp. Surf. 46.8 Time 12:18 Air 65°

46.53 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

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

Weather bz

Direction and Force of Current. Surface 20 rev to 37 sec

Bottom 20 " " 32 "

Tide ~~Ebb~~ ~~Flood~~ Commencing flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter, 2 Kofoids, 150# sinker

Time towing h. 18 m.

Remarks: Eckman water bottle used Towed 11 min while at anchor and 7 min while under way.

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.	
12	17	00	12	27	00	0	12	16	20	12	24	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5314 Date, Jan. 27, 1913

Sdg. Mch. TN Reel TN ~~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. 104924 | 108018 Stem. ____

Bottom Reading 47.0° | 47.0° Cor'd Temp. 46.93

Temp. Surf. 47.2° Time 12:58 p Air 67.5°
46.93 Time ____

Density: Surf. ____ fms. ____

Wind: Direction Calm Force 0

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

Weather Hez

Direction and Force of Current. Surface 20 revs. in 29 sec.
Bottom 20 " " 29 "

Tide Flood

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction Anchored Distance —

Depth of Haul Inter

Apparatus and Rig used 4' Inter & 2 K fds

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.	
12	48	00	12	58	00	0	12	48	00	1	00	30
						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						
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						2400						
						2500						
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						2700						
						2800						
						2900						
						3000						
						3100						
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						3900						
						4000						
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						4500						
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						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5315 Date, Jan. 27, 1923

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

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make No. 104924 | 108018 Cor'n Instr. Stem.

Bottom Reading 51° | 51.3° Cor'd Temp. 51.08

Temp. Surf. 47.3° Time 1:41:15 Air 69°

47.03 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.16 Amt. of Clouds 2 State of Sea S

Weather Fog

Direction and Force of Current. Surface 31 revs. in 40 sec. Bottom

Tide Flood.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Southward Distance —

Depth of Haul Inter.

Apparatus and Rig used 4' Inter., 2 Kfds.

Time towing h. 11 m.

Remarks: Eckman water-bottle used

Note water sample on this station — see difference in bottom and surf. temp.

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	11	15	1	21	15	0	1	11	15	1	22	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5316 Date, Jan 27, 1913

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

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N. 2. No. 104924 | 108018 Cor'n { Instr. Stem.

Bottom Reading 47.5 | 47.5 Cor'd Temp. 47.43

Temp. Surf. { 47.8 Time 1:43 p Time 47.53 } Air { 69

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.15 Amt. of Clouds 2 State of Sea S

Weather Hazy

Direction and Force of Current. { Surface 30 revs in 48 sec. Bottom 30 " " 42 "

Tide Flood.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance —

Depth of Haul Triter.

Apparatus and Rig used 4' Triter & 2 Kfbs.

Time towing h. 11 m.

Remarks: Eckman water bottle used

Deck Officer Mr. King Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. DOWN.			UP.		M.		M. DOWN.			UP.		M.
1	33	00	1	43	00	0	1	33	00	1	44	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
						4200						
						4300						
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						4500						
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						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5317 Date, Jan 27th, 1913

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 Cor'n Instr. Stem.

No. 104924 | 108018

Bottom Reading 47.3° | 47.3° Cor'd Temp. 47.23

Temp. Surf. 48.1° Time 2:12:20 P Air 63.5°

47.83 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.14 Amt. of Clouds 2 State of Sea S

Weather bcy

Direction and Force of Current. Surface 50 secs. in 45 sec

Bottom 50 " " 41 "

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance —

Depth of Haul Inter.

Apparatus and Rig used 4' Inter, 2 Kfds.

Time towing h. 11 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.		
2	02	20	2	12	20	0	2	02	30	2	13	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						1900						
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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. 5318 Date, Jan 27, 1913

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 N Z Cor'n Instr.

No. 104924 | 108018 Stem.

Bottom Reading 47.3° | 47.2° Cor'd Temp. 47.18

Temp. Surf. 48.2° Time 2:43:40 P Air 68°

47.93 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.14 Amt. of Clouds 2 State of Sea S

Weather bag

Direction and Force of Current. Surface 60 revs. in 47 sec.

Bottom 60 " " 45 "

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance —

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & 2 Kofoids

Time towing h. 11 m.

Remarks: Eckman water bottle used

Deck Officer Mr. King Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. DOWN.			UP.		M.		M. DOWN.			UP.		M.
2	33	40	2	43	40	0	2	34	00	2	45	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						2100						
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						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
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						3600						
						3700						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5319 Date, Jan 27, 1913

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 NZ No. 104924 - 108018 Cor'n Instr. Stem.

Bottom Reading 47.9° | 47.8° Cor'd Temp. 47.78

Temp. Surf. 48.0° Time 3:18:20 P 47.73 Time Air 69°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.13 Amt. of Clouds 4 State of Sea S

Weather

Direction and Force of Current. Surface 20 secs. in 40 sec. Bottom 25 " " 46 "

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance —

Depth of Haul Inter

Apparatus and Rig used 4' Inter & 2 Kfts

Time towing h. 12 m.

Remarks: Eckman water bottle used.

Deck Officer Wm. King Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. DOWN.			UP.		M.		M. DOWN.			UP.		M.
3	08	20	3	18	20	0	3	08	00	3	20	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						2400						
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						2800						
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						3000						
						3100						
						3200						
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						3700						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5320 Date, Jan 27, 1913

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 Cor'n Instr.

No. 104924 – 108018 Stem.

Bottom Reading 48.5 | 48.3 Cor'd Temp. 48.33

Temp. Surf. 48.5 Time 3:54:05p Air 63°

48.23 Time

Density: Surf. fms.

Wind: Direction NW Force 1

Baromet. 30.12 Amt. of Clouds 2 State of Sea S

Weather Bay

Direction and Force of Current. Surface 20 revs. in 42 seeds.

Bottom 26 " " 41 "

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance –

Depth of Haul Inter.

Apparatus and Rig used 4' Inter & 2 Kfds.

Time towing h. 11 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.	
3	44	05	3	54	05	0	3	44	00	3	55	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5833 Date, Jan 27, 1913

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

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 48° Time 4:20 / Time Air 63°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.13 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 Orange-peel Bucket

Time towing h. m.

Remarks:

Deck Officer Mr. King Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up. ---- M.				---- M. Down.			Up. ---- M.		
						0	4	17	20	4	19	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3200						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. } No. 5321 Date, Jan 28, 1913

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. 104924-108018 Cor'n { Instr. / Stem.

Bottom Reading L 47.5 R 47.4 Cor'd Temp. 47.38

Temp. Surf. { 47.3 Time 2:22 P. / 47.03 Time } Air { 58°

Density: Surf. fms.

Wind: Direction N & E. Force 0-1

Baromet. 30.17 Amt. of Clouds 5 State of Sea S

Weather P.S.

Direction and Force of Current. { Surface 25 Reso: 47 sec. / Bottom

Tide Ebb at surface
Flood under "

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored. Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter: 2 3 1 of ords:
150# weight.

Time towing h. 4 m.

Remarks: Eckman water bottle used.

Towed 4 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.	
2	11	00	2	31	00	0	2	27	00	2	31	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
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						3200						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5322 Date, Jan 28, 1913

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. Cor'n Instr. Stem.

No. 104924-108018

Bottom Reading L47.7 R47.5 Cor'd Temp. 47.53

Temp. Surf. 47.2 Time 2:48 P. Air 53°

46.93 Time

Density: Surf. fms.

Wind: Direction North Force 0-1

Baromet. 30.18 Amt. of Clouds 6 State of Sea S

Weather P.i.S.

Direction and Force of Current. Surface 7 Rev: 49 sec. Bottom

Tide Flood.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored. Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 9¼ of ords. 150# weight.

Time towing h. 14½ m.

Remarks: Eckman water bottle used.

Towed 3 minutes underway

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.		
2	38	00	2	48	00	0	2	38	00	2	52	30
						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						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5323 Date, Jan 28, 1913

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. Cor'n Instr.

No. 104924-108018 Stem.

Bottom Reading L 48.4 R 48.3 Cor'd Temp. 48.28

Temp. Surf. 48.2 Time 3:37 P. Air 54°

47.93 Time

Density: Surf. fms.

Wind: Direction North Force 0-1

Baromet. 30.18 Amt. of Clouds 7 State of Sea S

Weather P.i.S.

Direction and Force of Current. Surface 10 Rev 80 sec

Bottom

Tide Flood.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Tea foods.

150 # weight

Time towing h. 13½ m.

Remarks: Eckman water bottle used

Towed 3 minutes underway.

Deck Officer Mr. Pettig Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up. P M.				P M. Down.			Up. P M.		
3	02	30	3	12	30	0	3	03	00	3	16	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
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						2800						
						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. 5324 Date, Jan 28, 1913

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. Cor'n Instr.

No. 104924-108018 Stem.

Bottom Reading L. 48.5 R. 48.3 Cor'd Temp. 48.33

Temp. Surf. 48.2 Time 3:35P Air 54°

47.93 Time

Density: Surf. fms.

Wind: Direction North Force 0-1

Baromet. 30.18 Amt. of Clouds 8 State of Sea S

Weather C.1S.

Direction and Force of Current. Surface 20 Revo 44sec

Bottom

Tide Flood.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 2 Kofords.

150# weight

Time towing h. 10 m.

Remarks: Eckman 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	24	00	3	34	10	0	3	24	00	3	34	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
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						2800						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5325 Date, Jan. 28, 1913

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

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

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

Character of Bottom .....

Thermom. Make N. Z. No. 104924-108018 Cor'n Instr. ..... Stem. .....

Bottom Reading L. 48.6° R. 48.4° Cor'd Temp. 48.43

Temp. Surf. 48.5° Time 3:48 Time ..... 48.23 Air 55°

Density: Surf. ..... fms.

Wind: Direction Variable Force 0-1

Baromet. 30.18 Amt. of Clouds 9 State of Sea S

Weather bcz.

Direction and Force of Current. Surface 24 rev. in 40 sec. Bottom .....

Tide Flood.

General Locality .....

Position .....

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

Drift: Direction Anchored Distance .....

Depth of Haul Inter

Apparatus and Rig used 4' Inter. 2 Tr of ords. 150# weight

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

Remarks: Eckman water bottle used. Towed 10 min at anchor and min under way

Deck Officer Mr Rettig Recorder H. W. Crider C.E. DeLong.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.		P M.		P M. Down.			Up.		P M.
3	46	00	3	62	00	0	3	47	00	4	02	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						1600						
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						1900						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5326 Date, Jan 28, 1913

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

Turns Cor'n Depth 19 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make U. Z. No. L: 104924 R: 108018 Cor'n Instr. Stem.

Bottom Reading L 49° R 48.9° Cor'd Temp. 48.88

Temp. Surf. 48.4° Time 4:09 48.13 Time Air 55-0°

Density: Surf. fms.

Wind: Direction Variable Force 0 — 1

Baromet. 30.19 Amt. of Clouds 8 State of Sea L

Weather bcsf

Direction and Force of Current. Surface 35 rev in 30 secs. 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 Kofoids, 150# sinkers.

Time towing h. 10 m.

Remarks: Eckman water bottle used

Deck Officer Boen Rittig Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.		Down.	Up.		P. M.		P. M.		Down.	Up.		P. M.
4	08	30	4	18	30	0	4	09	20	4	08	50
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
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						2400						
						2500						
						2600						
						2700						
						2800						
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						3000						
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						3200						
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						3400						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5327 Date, Jan 28, 1913

Sdg. Mch. T. N. 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. G. No. L104924 R:108018 Cor'n Instr. ____ Stem. ____

Bottom Reading L: 49.0° R: 49.8 Cor'd Temp. 48.93

Temp. Surf. 48.5° Time 57.0° / 48.25 Time ____ Air 57°

Density: Surf. ____ fms. ____

Wind: Direction Variable Force 0 - 1

Baromet. 30.19 Amt. of Clouds 9 State of Sea S

Weather hazy

Direction and Force of Current. Surface 20 sec in 46 sec Bottom ____

Tide Flood

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction Anchored Distance ____

Depth of Haul Inter.

Apparatus and Rig used 4' Inter, 2 Kofoids, 150 lbs. sinkers.

Time towing ____ h. 10 m.

Remarks: Eckman water bottle used

Deck Officer Boen Rettig Recorder C. E. Delong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.		P. M.		P. M. Down.			Up.		P. M.
4	29	30	4	39	30	0	4	31	00	4	31	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4000						
						4100						
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						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5328 Date, Jan 28, 1913

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. Li 104094 R: 108018 Cor'n Instr. Stem.

Bottom Reading Li 49.1° Ri 49.0° Cor'd Temp. 48.98

Temp. Surf. 49.0° Time 5:12 / 48.73 Time Air 50°

Density: Surf. fms.

Wind: Direction Variable Force 0-1

Baromet. 30.19 Amt. of Clouds 9 State of Sea S

Weather bcy.

Direction and Force of Current. Surface 25 rev in 42 sec. Bottom 30 " " 40 "

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance

Depth of Haul bottom

Apparatus and Rig used 4' Intermediate, 2 Kofoids, 150# sinker

Time towing h. 10½ m.

Remarks: Eckman water bottle used.

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.
5	00	00	5	10	00	0	5	00	30	5	10	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4000						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5834 Date, Feb 3, 1913

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

Turns ..... Cor'n ..... Depth 11 fms.

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

Character of Bottom .....

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

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

Temp. Surf. { 49 Time 10.08 / Time ..... } Air { 57 / ..... }

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

Wind: Direction SE Force 0 to 1

Baromet. 30.19 Amt. of Clouds 10 State of Sea S

Weather Of

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 Orange Peel Bucket

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

Remarks: .....

Deck Officer Mr King Recorder C A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M. DOWN.			UP. ____ M.				A M. DOWN.			UP. 4 M.		
						0	10	06	40	10	07	50
						100						
						200						
						300						
						400						
						500						
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Dredge ~~Hydrog.~~ No. 5835 Date, Feb 3, 1913

Sdg. Mch. A and lead Reel Shot Lead 14 lbs.

Turns Cor'n Depth 7½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 49 Time 10.40 Time Air 57

Density: Surf. fms.

Wind: Direction SE Force 0 to 1

Baromet. 30.19 Amt. of Clouds 10 State of Sea S

Weather Of

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 Orange Peel Bucket

Time towing h. m.

Remarks:

Deck Officer Turking Recorder C L Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP. ---- M.				a M. DOWN.			UP. a M.		
						0	10	38	–	10	39	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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Dredge / ~~Hydrog.~~ No. 5836 Date, Feb 3, 1913

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

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 49 Time 11.06 / Time Air 48

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.18 Amt. of Clouds 6 State of Sea S

Weather bc 7

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 Orange Peel Bucket

Time towing h. m.

Remarks:

Deck Officer Mr. King Recorder C. A. Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. DOWN.			UP. ___ M.				A_ M. DOWN.			UP. A___ M.		
						0	11	04	35	11	05	20
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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S 104924 R108018

Surface 108011

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