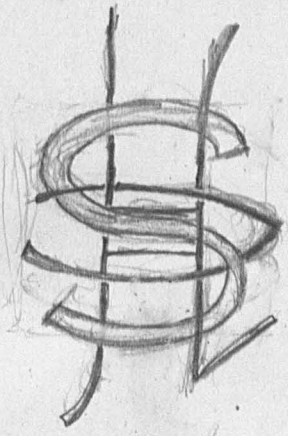
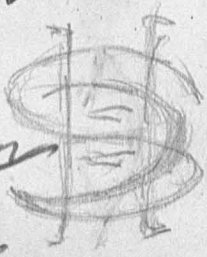
H5036-
5056.

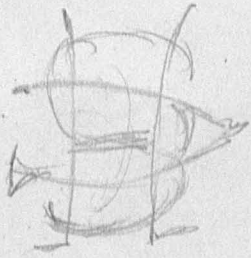
D5732-
5752.

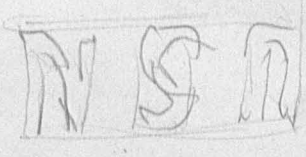


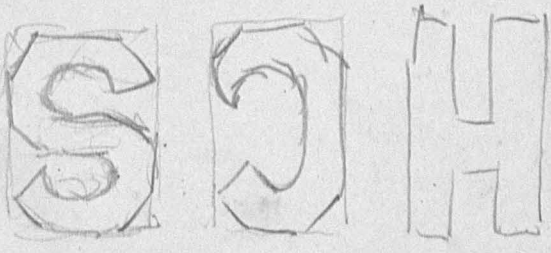


H 5032
5036
5056

D 5732
5752







Dredge / ~~Hydrog.~~ No. 5732 Date, March 11, 1912

Sdg. Mch. Hand line fwd Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 12½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51 Time 10:34 A / 51 Time 10:50 A Air 51° / 51°

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 30.10 Amt. of Clouds 10 State of Sea C

Weather Ozp.

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 9' Agassiz: 1 sinker 2 wing weights: 1 Tail weight: 3 glass floats: 1 mud bag.

Time towing h. 17 m.

Remarks:

Deck Officer Mr Rettig Recorder H W Cripe

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		A--- M.	DOWN.		UP.	A--- M.	
						0	10	31	00	10	52	30
						40 ~~100~~	10	33	40	10	50	10
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5036 Date, March 11, 1912

Sdg. Mch. Hand Lineford 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. 57 Time 10:53A / Time Air 57

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 30.10 Amt. of Clouds 10 State of Sea C

Weather Cloudy

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Wm. Bettig Recorder J. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5733 Date, March 11, 1912

Sdg. Mch. Hand line fwd Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 9 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51 Time 11:08 A / 51 Time 11:28 A Air 51 / 51

Density: Surf. fms.

Wind: Direction E Force 3

Baromet. 30.08 Amt. of Clouds 10 State of Sea C

Weather Ozp.

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 9' Agassiz: 1 sinker 2 wing weights: 1 tail weight 3 glass floats: 1 mud bag.

Time towing h. 20 m.

Remarks:

Deck Officer Mr. Rettig Recorder H. W. Piper

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		A M.	DOWN.		UP.	A M.	
						0	11	06	00	11	29	30
						30 ~~100~~	11	07	50	11	27	50
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4900						

~~Dredge~~ / Hydrog. No. 5037 Date, March 11, 1912

Sdg. Mch. Hand line fwd Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57 Time 11:30 A / Time Air 57

Density: Surf. fms.

Wind: Direction E. Force 3

Baromet. 30.08 Amt. of Clouds 10 State of Sea C

Weather Clr

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Rating Recorder H. W. Price

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
---- M. Down.	Up.	---- M.		---- M. Down.	Up.	---- M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			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. 5734 Date, March 11, 1912

Sdg. Mch. Hand line reel 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. { 57 / 51 } Time { 12.43 P / 1.02 P } Air { 53° / 53 }

Density: Surf. ____ fms. ____

Wind: Direction S.E. Force 3

Baromet. 30.03 Amt. of Clouds 9 State of Sea C

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 9' Agassiz; 1 Sinker 2 wing weights; 1 half weight 3 glass floats; 1 small buoy.

Time towing h. 18 m.

Remarks: * Towed 10 minutes with 40 fms out.

Deck Officer Mr. Clancy Recorder Miss Snider

Mr. Rethig

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		P--- M.	DOWN.		UP.	P--- M.	
						0	12	40	00	1	04	30
					*	40 ~~100~~	12	43	00			
						50 ~~200~~	12	53	00	1	01	30
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5038 Date, March 11, 1912

Sdg. Mch. Hand line fwd 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. { Time 1:05 P / Time } Air { 53 }

Density: Surf. fms.

Wind: Direction S. E. Force 3

Baromet. 30.03 Amt. of Clouds 9 State of Sea C

Weather hc

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Rettig Recorder H. W. Snider

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
____ M. DOWN.	UP.	____ M.		____ M. DOWN.	UP.	____ M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1500			
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			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. 5735 Date, March 11, 1912

Sdg. Mch. Hand line fwd Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 9 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. 51 Time 1:33 P 51 Time 1:50 P Air 54° 54°

Density: Surf. fms.

Wind: Direction Variable Force 3

Baromet. 30.00 Amt. of Clouds 10 State of Sea 0

Weather Om

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 9' Agassiz: 1 sinker 2 wing weights: 1 Tail weight: 3 glass floats: 1 mud bag.

Time towing h. 14 m.

Remarks: Tail weight was lost

Deck Officer Mr. Rottig Recorder H. W. Crider

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.					
___ M. Down.	Up.	___ M.		1° ___ M. Down.			Up.	10 ___ M.	
			0	1	27	30	1	54	00
			~~50~~ 100	1	32	30			
			65 ~~200~~	1	36	15	1	50	15
			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. 5039 Date, March 11, 1912

Sdg. Mch. Sandusky Reel ~~Shot~~ Leads 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. { 51 Time 1:54 P. / Time } Air { 54 / }

Density: Surf. fms.

Wind: Direction Variable Force 3

Baromet. 30.50 Amt. of Clouds 10 State of Sea S

Weather Rain

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Rettig Recorder H. W. Snider

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5736 Date, March 11, 1912

Sdg. Mch. Hand line fwd Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 9 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. 5' Time 2:17 P / 5' Time 2:30 P Air 54° / 54°

Density: Surf. fms.

Wind: Direction Variable Force 3

Baromet. 30:00 Amt. of Clouds 10 State of Sea C

Weather Om

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 9' Agassiz 1 sinker, 2 wing weights, 1 Tail weight, 3 glass floats, 1 mud bag.

Time towing h. 13 1/2 m.

Remarks:

Deck Officer Mr Rettig Recorder H. W. Crider

11—1023

SOUNDING WIRE. ---- M. DOWN.	SOUNDING WIRE. UP. ---- M.	FMS.	DREDGING CABLE. P--- M. DOWN.	DREDGING CABLE. UP. P--- M.
		0	2 11 00	2 33 40
		50 ~~100~~	2 16 50	2 30 20
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		4000		
		4100		
		4200		
		4300		
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		4700		
		4800		
		4900		

~~Dead~~ Hydrog. No. 5040 Date, March 11, 1912

Sdg. Mch. Hand line ford 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. 57 Time 2:34 P. Time Air 54

Density: Surf. fms.

Wind: Direction Variable Force 3

Baromet. 30.00 Amt. of Clouds 10 State of Sea C

Weather Clear

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Wm Pettig Recorder H. W. Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.		DOWN.	UP.		---- M.		---- M.		DOWN.	UP.		---- M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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Dredge / ~~Hydrog.~~ No. 5737 Date, March 11, 1912

Sdg. Mch. Hand line fwd Reel ____ Shot / Lead 44 lbs.

Turns ____ Cor'n ____ Depth 10½ fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 51 Time 2:50 P. / 57 Time 3:12 P. Air 54° / 55°

Density: Surf. ____ fms. ____

Wind: Direction Variable Force 3-4

Baromet. 30.00 Amt. of Clouds 10 State of Sea C

Weather Ov

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 9' Agassiz / 1 sinker 2 ring weights / 1 tail weight 3 glass floats / 1 mud bag

Time towing ____ h. 20 m.

Remarks: ____

Deck Officer Mr Rettig Recorder F. W. Crile

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.	___ M.			P___ M.	DOWN.		UP.	P___ M.	
						0	2	46	10	3	15	30
						50 100	2	50	00			
						60 ~~200~~	2	51	50	3	11	50
						300						
						400						
						500						
						600						
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						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5041 Date, March 11, 1912

Sdg. Mch. Hand line frwd Reel ____ ~~Shot~~ / Lead 14 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. { 51 Time 3:16 P / ____ Time ____ } Air { 55 / ____ }

Density: Surf. ____ fms. ____

Wind: Direction S.S.E. Force 4-5

Baromet. 29.98 Amt. of Clouds 10 State of Sea S

Weather Overcast

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

Tide ____

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Mr. Rettig Recorder H. W. Price

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
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						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5738 Date, Mar 13, 1912

Sdg. Mch. Reel Shot / Lead lbs.

Turns Cor'n Depth by chart 60 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 9:41 a / Time Air 54.5°

Density: Surf. fms.

Wind: Direction Variable Force 4

Baromet. 29.98 Amt. of Clouds 5 State of Sea S

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Golden Gate

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom.

Apparatus and Rig used Agassiz 9' and mudbag. 150# sinker, 3 glass floats, 2 wing wts and 1 tail wt.

Time towing — h. 9 m.

Remarks: Accumulator registered about 3½ when first hove in: Both bridle stops carried away, net and mudbag badly torn.

Deck Officer Mr Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.		DOWN.	UP.		M.		M.		DOWN.	UP.		M.
						0	9	32	00	10	00	00
						100		38	10		54	10
						165 ~~200~~	9	41	00	9	50	00
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4500						
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						4700						
						4800						
						4900						

~~Dredge~~/Hydrog. No. 5042 Date, Jan 13, 1912

Sdg. Mch. ____ Reel ____ Shot/Lead ____ lbs.

Turns ____ Cor'n by chart Depth 23 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 am Time ____ Air 53°

Density: Surf. ____ fms. ____

Wind: Direction Variable Force 4

Baromet. 30.00 Amt. of Clouds 8 State of Sea S

Weather ____

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Golden Gate

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Mr Clancy Recorder J Tillie J

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.		DOWN.	UP.		____ M.		____ M.		DOWN.	UP.		____ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4200						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5739 Date, Mar. 13, 1912

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

Turns Cor'n Depth 18 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 10:57 a / Time Air 50°

Density: Surf. fms.

Wind: Direction Variable Force 3-4

Baromet. 29.99 Amt. of Clouds 9 State of Sea S

Weather bar

Direction and Force of Current. Surface / Bottom

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 5' Tanner & Mud bag; 150 ft sinker, 2 glass floats, 2 wing weights, 1 wing weight

Time towing - h. 15 m.

Remarks:

Deck Officer Mr. Stanley Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		~~2~~ M.	DOWN.		UP.	~~2~~ M.	
						0	10	56	00	11	19	25
						~~40 100~~	10	58	40	11	14	30
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5043 Date, Mar. 13, 1912

Sdg. Mch. Handlead Reel ~~Shot~~ Lead } 14 lbs. 0/8

Turns Cor'n Depth by Cht. 22 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 11:20 a. / Time } Air { 51°

Density: Surf. fms.

Wind: Direction Variable Force 3

Baromet. 30.00 Amt. of Clouds 9 State of Sea S

Weather Vc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality San Francisco Bay.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Stanley Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5740 Date, March 13, 1912

Sdg. Mch. Hand line ford Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 7 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 1:25 / 50° Time } Air { 51° / 51° }

Density: Surf. fms.

Wind: Direction S.S.W. Force 3-4

Baromet. 30.00 Amt. of Clouds 5 State of Sea 2

Weather Oc

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality San Francisco Bay.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 5' Tanners + sandbag, 150# sinkers, 1 tail weight, 2 swing weights, 2 glass floats.

Time towing h. 2 9 m.

Remarks: Net badly torn.

Deck Officer Mr. Stanley Recorder C E DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.		DOWN.	UP.		---- M.		P. M.		DOWN.	UP.		P. M.
						0	1	21	00	1	5-4	40
						30 ~~100~~	1	24	00	1	5-2	5-0
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5044 Date, March 13, 1912

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

Turns Cor'n Depth 5 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. 50° Time 1:45 / Time Air 51°

Density: Surf. fms.

Wind: Direction S.S.W. Force 3

Baromet. 30.00 Amt. of Clouds 6 State of Sea 2

Weather hc

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Jas. Stanley Recorder C.E. DeLong

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
____ M. DOWN.	UP.	____ M.		____ M. DOWN.	UP.	____ M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1600			
			1700			
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			1900			
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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. 5741 Date, March 18, 1912

Sdg. Mch. Hand line fwd Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 19 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. 50 Time 9:39 A / 50 Time 9:42 A Air 53° / 53°

Density: Surf. fms.

Wind: Direction N.W. Force 1

Baromet. 30.25 Amt. of Clouds 7 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 9' Agassiz: 1 Sinker 2 wing weights: 1 tore weight 3 glass floats: 1 Mud bag.

Time towing h. 4 m.

Remarks:

Deck Officer Mr. Rettig Recorder H. W. Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.	---- M.			A M.	DOWN.		UP.	A M.	
						0	9	34	15	9	48	40
						~~60~~ 100	9	38	20	9	42	20
						200						
						300						
						400						
						500						
						600						
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						4000						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5045 Date, March 18, 1912

Sdg. Mch. Hand line fwd Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 18 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 9:42 A Time Air 53°

Density: Surf. fms.

Wind: Direction N.W. Force 1

Baromet. 30.25 Amt. of Clouds 7 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 Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Rettig Recorder H. W. Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.		___ M.		___ M.	DOWN.		UP.		___ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5743 Date March 18, 1912

Sdg. Mch. Hand line for Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 20½ 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 10:06 A 50 Time 10:17 A Air 53° 53°

Density: Surf. fms.

Wind: Direction N. W. Force 1

Baromet. 30.23 Amt. of Clouds 8 State of Sea S

Weather Dcy

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 9 fathoms 1 sinker wing weights 1 tire weight 3 glass floats 1 mid buoy.

Time towing h. 11 m.

Remarks:

Deck Officer Mr. Olney Recorder H. W. Snyder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0	10	02	20	10	19	50
						600 ~~100~~	10	06	00	10	17	00
						200						
						300						
						400						
						500						
						600						
						700						
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						4800						
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~~Dredge~~ / Hydrog. No. 5047 Date, March 18, 1912

Sdg. Mch. Hand line fwd Reel ____ ~~Shot~~ / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 20 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 10:30A / ____ Time ____ } Air { 53° / ____ }

Density: Surf. ____ ____ fms. ____

Wind: Direction N. W. Force 1

Baromet. 30.23 Amt. of Clouds 8 State of Sea 5

Weather hazy

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

Tide ____

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Jno Clancy Recorder H. W. Miles

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M. DOWN.			UP.		____ M.		____ M. DOWN.			UP.		____ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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Dredge ~~Hydrog.~~ No. 5743 Date, March 18, 1912

Sdg. Mch. Handline fwd. 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. 51 Time 10:55 A 51 Time 11:00 A Air 54° 54°

Density: Surf. fms.

Wind: Direction N.W. Force 1-2

Baromet. 30:20 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 Distance

Depth of Haul Bottom

Apparatus and Rig used 9' Agassiz: 1 Senker: 2 wing weights: 1 Tail weight 3 glass floats: 1 mud bag

Time towing h. 6 m.

Remarks: Accumulator registered over 3 tons: bridle straps carried away.

Deck Officer Mr. Clancy Recorder H. W. Prider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.	---- M.			---- M.	DOWN.		UP.	---- M.	
						0	10	50	00	11	04	30
						30 ~~100~~	10	52	30			
						45 ~~200~~	10	55	00	11	00	50
						300						
						400						
						500						
						600						
						700						
						800						
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						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5048 Date, March 18, 1912

Sdg. Mch. Hand line fwd Reel ____ ~~Shot~~ Leads 14 lbs.

Turns ____ Cor'n ____ Depth 15 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. { 51 Time 11:05 A / ____ Time ____ } Air { 54° / ____ }

Density: Surf. ____ ____ fms. ____

Wind: Direction N.W. Force 1-2

Baromet. 30.20 Amt. of Clouds 4 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 ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Mr Clancy Recorder H. W. Crude

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.		DOWN.	UP.		____ M.		____ M.		DOWN.	UP.		____ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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Dredge ~~Hydrog.~~ No. 5744 Date, Mar. 18, 1912

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

Turns Cor'n Depth 5 1/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 1:27 p. Time Air 57°

Density: Surf. fms.

Wind: Direction NW Force 2

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

Weather bc.

Direction and Force of Current. Surface Bottom

Tide

General Locality San Francisco Bay.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom.

Apparatus and Rig used 9' Agassiz & Mudbag as before.

Time towing - h. 15 m.

Remarks:

Deck Officer Mr. Clancy Recorder A Tutril

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		A M.	DOWN.		UP.	C M.	
						0	1	23	50	1	44	30
						25 ~~100~~	1	26	50	1	42	10
						200						
						300						
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~~Dredge~~ Hydrog. } No. 5049 Date, Jan 18, 1912

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

Turns Cor'n Depth 5 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 1:45 p. / Time } Air { 59°

Density: Surf. fms.

Wind: Direction NW Force 3

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

Weather bc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality San Francisco Bay.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.			Down.	Up.	____ M.		____ M.			Down.	Up.	____ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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Dredge / ~~Hydrog.~~ No. 5745 Date, Mar 18, 1912

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

Turns Cor'n Depth 14½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 3:17 P / Time Air 59°

Density: Surf. fms.

Wind: Direction NW Force 2-3

Baromet. 30.11 Amt. of Clouds 2 State of Sea S

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality S. F. Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom.

Apparatus and Rig used 9' Agassiz & Mudbag as before.

Time towing — h. 16 m.

Remarks:

Deck Officer Mr. Clancy Recorder Arikit

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		P ---- M.	DOWN.		UP.	P ---- M.	
						0	3	12	30	3	27	20
						60 ~~100~~	3	16	30	3	32	35
						200						
						300						
						400						
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Dredge / Hydrog. No. 5050 Date, Mar 18, 1912

Sdg. Mch. Hindley Reel ____ Shot / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 12½ fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 52° Time 8:38 P.M. Time ____ Air 57°

Density: Surf. ____ fms. ____

Wind: Direction NW Force 2

Baromet. 30.10 Amt. of Clouds 2 State of Sea S

Weather Cl

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality S F Bay

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Wm. Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
---- M. DOWN.	UP.	---- M.		---- M. DOWN.	UP.	---- M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
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			4900			

Dredge / Hydrog. No. 574 Date, Dec 18, 1912

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

Turns Cor'n Depth 18 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 4:13 P / 52° Time 4:24 P Air 64.5° / 64°

Density: Surf. fms.

Wind: Direction — Force 0

Baromet. 30.09 Amt. of Clouds 1 State of Sea 5

Weather Clr

Direction and Force of Current. Surface / Bottom

Tide

General Locality S F Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 9' Agassiz & Mud Bag as before.

Time towing — h. m.

Remarks:

Deck Officer Mr. Clancy Recorder C. O. Dodge

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.	---- M.			---- M.	DOWN.		UP.	---- M.	
						0	4	09	40	4	23	30
						~~100~~	4	12	25	4	16	40
						200						
						300						
						400						
						500						
						600						
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						4900						

~~Dredge~~ / Hydrog. No. 5-05-1 Date, Mar 18, 1912

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

Turns ____ Cor'n ____ Depth 19 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. { 5-2° Time 4:24 P / ____ Time ____ } Air { 64° / ____ }

Density: Surf. ____ ____ fms. ____

Wind: Direction ____ Force 0

Baromet. 30.08 Amt. of Clouds 1 State of Sea 5

Weather bc

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

Tide ____

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used 9 [illegible]

[illegible]

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Mr Clancy Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
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Dredge ~~Hydrog.~~ No. 5747-a Date, Mar 19, 1912

Sdg. Mch. Hand lead Reel Shot Lead lbs.

Turns Cor'n Depth 4 feet at beginning ~~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 2

Baromet. — 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 Sand bag from stern of cutter in tow of large launch on outward trip ~~and on return trip~~ Time towing h. 7 m.

Remarks: Towed straight out from beach to 5 faths of water ~~+ returned to starting point~~. (4 feet)

Deck Officer Mr. Porterfield Recorder C. E. DeLong

Charge of launch

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.					
M. Down.	Up.	M.		M. Down.			Up.		M.
			Out 0	9	52	40	9	54	00
			from beach 100						
			200						
			Return 300	10	25	10	10	16	50
			400						
			500						
			600						
			700						
			800						
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Hy 505/6

Dredge / Hydrog. No. 6-747-b Date, March 19, 1912

Sdg. Mch. ____ Reel ____ Shot / Lead ____ lbs.

Turns ____ Cor'n ____ Depth 5 fms.

Sdg. Cup ____ Amt. Bot'm Sample Cat beginning

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 1-2

Baromet. ____ Amt. of Clouds 1 State of Sea 2

Weather Ice

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 Tanner from stern of Cutter in tow of large motor boat.

Time towing ____ h. 1/4 m.

Remarks: Drew 5 faths towards beach to 4 feet.

Deck Officer Jas. Porter in charge of boat Recorder C. E. Hodges

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		9 M.	DOWN.		UP.		9 M.
						0	10	05	10	10	18	50
						100						
						200						
						300						
						400						
						500						
						600						
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Dredge / Hydrog. } No. 5745-a Date, Mar 19, 1912

Sdg. Mch. Hand lead Reel ____ Shot / Lead } ____ lbs.

Turns ____ Cor'n ____ Depth 4 fms. (beginning of haul)

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom hd M.

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

Bottom Reading ____ Cor'd Temp. ____

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

Density: Surf. ____ ____ fms.

Wind: Direction ~ Force 1-2

Baromet. ~ Amt. of Clouds 1 State of Sea 1

Weather clr

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 Tanner towing from stern of cutter in tow of large motor boat,

Time towing ____ h. 8 m.

Remarks: Towed out from beach to 5 faths water.

Deck Officer Mrs. Porter in charge of boat Recorder C. H. Long

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.					
... M.	DOWN.	UP. ... M.		Q M.	DOWN.		UP.	Q M.	
Quit from beach			0	10	34	00	10	42	00
			100						
			200						
			300						
			400						
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Dredge / ~~Hydrog.~~ No. 5748-b Date, March 19, 1912

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

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample (at beginning of haul)

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 1-2

Baromet. 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 Mud bag from stern of cutter in tow of large motor boat.

Time towing h. m.

Remarks: From 5 faths water towards beach to 4 feet.
Contents of mudbag lost.

Deck Officer Mr. Porterfield Recorder C E R Long
Charge of boats

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.	UP.	---- M.				@ M.	DOWN.		UP.	@ M.	
		Towards				0	10	43	00	10	53	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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Fy
1052a

Dredge / ~~Hydrog.~~ No. 5748-C Date, March 19, 1912

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

Turns ..... Cor'n ..... Depth 4 feet fms.

Sdg. Cup ..... Amt. Bot'm Sample at beginning of haul

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 1

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

Weather bs

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 mud bag from stern of cutter

Time towing ..... h. 8 m.

Remarks: From 4 feet to 5 fath out from beach.

~~Deck Officer~~ Mr Porterfield in charge of boats Recorder C E L Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.	---- M.			a M.	DOWN.		UP.	9 M.	
						0	10	58	00	11	03	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. 5749-a Date, March 19, 1912

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

Turns Cor'n Depth 5 feet ~~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 1

Baromet. 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 Mud bad from stern of cutter in tow of large motor boat.

Time towing h. 14½ m.

Remarks: Out from beach 5 feet to 5 fath.

Deck Officer Mr Porterfield in charge of boat Recorder C. E. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		A M.	DOWN.		UP.		A M.
						0	11	13	00	11	27	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
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						4800						
						4900						

Ay 76536

Dredge ~~Hydrog.~~ No. 5749-b Date, March 14, 1912

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

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample (at beginning

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 1

Baromet. Amt. of Clouds 1 State of Sea 2

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 Tanner from stern of cutter in tow of large motor boat.

Time towing h. 21 1/2 m.

Remarks: From 5 fath towards shore to 5 feet.

Deck Officer Mr Porterfield Recorder C. E. McLong in charge of boats

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.					
---- M.	DOWN.	UP.	---- M.	---- M.	DOWN.		UP.	---- M.	
			0	11	31	30	11	53	00
			100						
			200						
			300						
			400						
			500						
			600						
			700						
			800						
			900						
			1000						
			1100						
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			2400						
			2500						
			2600						
			2700						
			2800						
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			3000						
			3100						
			3200						
			3300						
			3400						
			3500						
			3600						
			3700						
			3800						
			3900						
			4000						
			4100						
			4200						
			4300						
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			4700						
			4800						
			4900						

Ty 5053

Dredge / ~~Hydrog.~~ No. 5750a Date March 20, 1912

Sdg. Mch. Hand line - beginning Reel Shot Lead 14 lbs.

Turns Cor'n Depth 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 Force 0 - 1

Baromet. Amt. of Clouds 10 State of Sea 8

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 4 fathoms in tow from stern of cutter small motor boat. Changed to large motor boat.

Time towing h. 33 m.

Remarks: towed from beach 3/4 fms to 5 fms.

~~Deck Officer~~ Mrs. Porterfield in charge of Woods Recorder A. W. Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		A--- M.	DOWN.		UP.		A--- M.
						0	10	12	30	10	45	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

~~Dredge~~ Hydrog. } No. 50546 Date, March 20, 1912

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

Turns Cor'n Depth 5 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 0-1

Baromet. Amt. of Clouds 10 State of Sea S

Weather

Direction and Force of Current. { Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

~~Deck Officer~~ M. M. Porterfield in charge of boats Recorder H. W. Crider

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
---- M.	DOWN.	UP. ---- M.		---- M.	DOWN.	UP. ---- M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
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			3000			
			3100			
			3200			
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			3900			
			4000			
			4100			
			4200			
			4300			
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			4500			
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			4800			
			4900			

Dredge / ~~Hydrog.~~ No. 5750B Date, March 20, 1912

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

Turns Cor'n Depth 5 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 0-1

Baromet. Amt. of Clouds 10 State of Sea S

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 mud bag towed from stern of cutter by large motor boat.

Time towing h. 16 m.

Remarks: Towed from 5 fms to 7/4 fms toward beach.

~~Deck Officer~~ Wm. Porterfield in charge of boats Recorder F. W. Chiches

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		A---- M.	DOWN.		UP.	A---- M.	
						0	1049	00		11	05	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5 & 5-A Date, March 20, 1912

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

Turns Cor'n Depth 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 Force 0 - 1

Baromet. Amt. of Clouds 10 State of Sea 8

Weather

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

~~Deck Officer~~ Wm. Porterfield Recorder H. W. Price

in charge of boats

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.		DOWN.	UP.		____ M.		____ M.		DOWN.	UP.		____ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5751 Date, March 26, 1912

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

Turns Cor'n Depth 4½ feet 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 6-1

Baromet. Amt. of Clouds 10 State of Sea 5

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 Mud bag towed from stern of cutter by large motor boat

Time towing h. 9 m.

Remarks: Towed from 4½ feet to 5 fms from beach (Island)

~~Dock Officer~~ Mr. Porterfield Recorder H. W. Ogden in charge of boats

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		A M.	DOWN.		UP.	A M.	
						0	11	18	00	11	27	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5055 Date, March 20, 1912

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

Turns Cor'n Depth 3 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 0 — 1

Baromet. Amt. of Clouds 10 State of Sea S

Weather

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

~~Desk Officer~~ Mrs. Porterfield in charge of books Recorder F. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4200						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5751 B Date, March 20, 1912

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

Turns Cor'n Depth 5 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 0 - 1

Baromet. Amt. of Clouds 10 State of Sea S

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 4' Tanner towed from stern of cutter by large row boat.

Time towing h. 1 3 m.

Remarks: Found four 5' fms to 4½ feet towards beach.

~~Deck Officer~~ Mr. Porterfield Recorder H. W. Ruder

In Charge of boat.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		A M.	DOWN.		UP.	A M.	
						0	11	32	50	11	45	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4000						
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						4200						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5055A Date, March 20, 1912

Sdg. Mch. Hand Line Reel ~~Shot~~ Leads 14 lbs.

Turns Cor'n Depth 4½ feet 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 0 — 1

Baromet. Amt. of Clouds 10 State of Sea S

Weather

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

~~Deck Officer~~ Mr. Porterfield Recorder F. W. Pride

in charge of boats

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
---- M. DOWN.	UP.	---- M.		---- M. DOWN.	UP.	---- M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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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. 5752 A Date, Mar. 20, 1912

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

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom S M

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time / Time Air

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.03 Amt. of Clouds 2 State of Sea S

Weather Fe

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 ft Tanner from Cutter towed by lge motor boat

Time towing — h. 3 m.

Remarks: Towed from beach out: to 5 fms. - Motor boat Struck bottom close to shore.

~~Deck Officer~~ Lt. Porterfield in Chge of Boats Recorder Arnkil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.	DOWN.		UP.		____ M.		____ M.	DOWN.		UP.		____ M.
						0	1	03	00	1	05	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
						4200						
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						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5056 B Date, Mar 20, 19 12

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

Turns Cor'n Depth 5 ft ~~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

Apparatus and Rig used

Time towing h. m.

Remarks:

~~Deck~~ Officer H. Porterfield in Chge of Boats Recorder [signature]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.		---- M.		---- M. DOWN.			UP.		---- M.
						0						
						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. 5752 B Date, Mar 20, 1912

Sdg. Mch. Hauled Reel Shot Lead 14 lbs.

Turns Cor'n Depth 5½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom S. M

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time / Time Air

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.03 Amt. of Clouds 3 State of Sea S

Weather fc

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Mud bag; Cable towed by 45 Motor boat

Time towing h. m.

Remarks: Towed back.

Deck Officer H. Rockfield Recorder Atkins

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0	1	00	00	1	02	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4900						

~~Dredge~~ Hydrog. } No. 5056 A Date, Mar. 20, 1912

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

Turns Cor'n Depth 5 ft ~~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

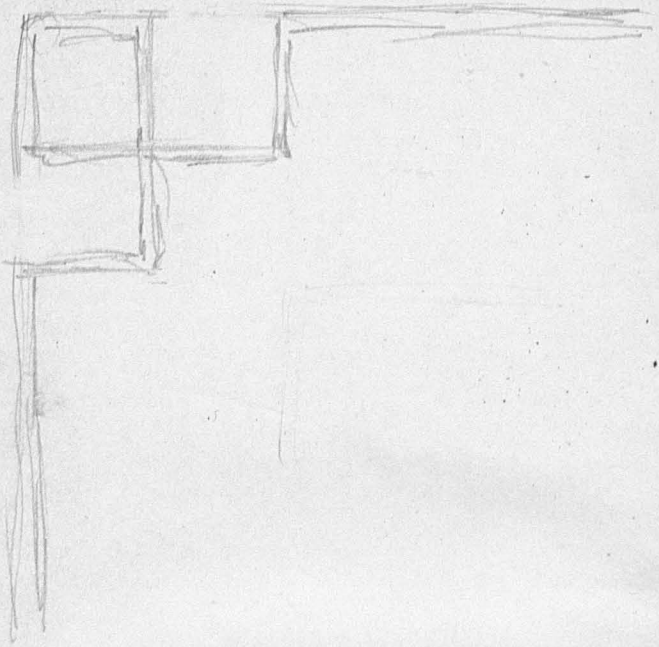
Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

~~Deck Officer~~ Lt Porterfield in Chge of Boat Recorder A Tikil

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
---- M.	DOWN.	UP. ---- M.		---- M.	DOWN.	UP. ---- M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
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