H5057-
507

D5753-
5768.

507

H 5057
73

D 5753
68

Dredge / ~~Hydrog.~~ No. 5753 A Date, Mar 20, 1922

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

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

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Lod.

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 4 State of Sea S

Weather Tc

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 4' Tanner from cutter in tow of lge motorboat.

Time towing — h. 1 m.

Remarks: Towing from beach (Red Rk) out: 6 ft to 5 fms.

Deck Officer H. Porterfield Recorder [illegible]

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP. ---- M.				P ---- M. DOWN.			UP. P ---- M.		
						0	1	57	00	1	53	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
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						2000						
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						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5057 B Date, Mar. 20, 1912

Sdg. Mch. _____ Reel _____ Shot Lead _____ 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 _____

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 [illegible]

_____ Time towing _____ h. _____ m.

Remarks: _____

~~Deck Officer~~ [illegible] Recorder [illegible]

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.	DOWN.		UP.	____ M.			P ____ M.	DOWN.		UP.	P ____ M.	
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3200						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge ~~Hydrog.~~ No. 5753 B Date, Mar. 20, 1912

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

Turns _____ Cor'n _____ Depth 5 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom Ind.

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 4 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 _____

Apparatus and Rig used Mud bag from cutter towed by motor boat (lge).

Time towing — h. 2 m.

Remarks: Toward Red RK

~~Deck~~ Officer H. Porterfield in Chgs of Boats Recorder [illegible]

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	Down.		Up.	___ M.			P M.	Down.		Up.	P M.	
						0	1	5700		1	5900	
						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. 5754 A Date, Mar 25, 1912

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

Turns Cor'n Depth 4 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom MS

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time / Time Air

Density: Surf. fms.

Wind: Direction — Force 0

Baromet. Amt. of Clouds 7 to 10 State of Sea 2

Weather be and cf

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used Mud bag from cutter in tow of large motor boat.

Time towing h. m.

Remarks: Towing towards beach 4 1/2 fath to 3 1/2 feet.

Deck Officer Lt. Porterfield in Charge of boats Recorder C.E.D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up. ---- M.				a M. Down.			Up. a M.		
						0	10	16	30	10	23	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						2500						
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						2800						
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						3100						
						3200						
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						3900						
						4000						
						4100						
						4200						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 6058 (B) end of D. 5754 Date, Mar 25, 1912

Sdg. Mch. _____ Reel _____ Shot Lead } _____ lbs.

Turns _____ Cor'n _____ Depth 2 1/2 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

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

Weather Fre

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 charge of boats. Recorder C.E. Lowry

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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						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge ~~Hydrog.~~ No. 5754 B Date, Mar 25, 1912

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

Turns _____ Cor'n _____ Depth 3½ 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

Baromet. _____ Amt. of Clouds 9 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 4' Tanner from cutter

Time towing _____ h. _____ m.

Remarks: Returned over same route as followed on four preceding dredge stations

~~Deck Officer~~ Mr. Porterfield Chgr of Boats Recorder C. E. De Long copied by V. G.

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.		---- M.		a M. Down.			Up.		a M.
						0	11	21	00	12	27	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
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						3200						
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						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5755 A Date, Mar 25, 1912

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

Turns Cor'n Depth 3½ 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 5 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 from cutter

Time towing h. 13 m.

Remarks: Towed from 3½ fms. to 5 feet toward beach

~~Deck Officer~~ Chgr of Bts. H. Porterfield Recorder Crider copied by V.A.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			S M. Down.			Up.	P M.	
						0	1	34	00	1	47	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
Fly.						2100						
						2200						
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						2500						
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						2700						
						2800						
						2900						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5059 A Date, Mar 25, 1912

Sdg. Mch. Hand line Reel ~~Shot~~ Lead } 14 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. { Time / Time } Air {

Density: Surf. fms.

Wind: Direction Force 0-1

Baromet. Amt. of Clouds 5 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~~ H. Porterfield Chg of Bt. Recorder Corder (VA)

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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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5755B Date, Mar 25, 1912

Sdg. Mch. Hand lead 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 0

Baromet. Amt. of Clouds 8 State of Sea S

Weather

Direction and Force of Current. Surface / Bottom

Tide

4

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 4' Tanner from Cutter

Time towing h. 47 m.

Remarks: Towed from 5 feet to 3½ fms. out from beach.

~~Deck Officer~~ Porterfield in Chge of Bks Recorder Corider

11—1023

(copy by A)

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. Down.			Up.		___ M.		P ___ M. Down.			Up.	P ___ M.	
						0	1	56	00	2	43	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5059 B Date, Mar 25, 1912

Sdg. Mch. Hand lead Reel ~~Shot~~ Lead } 14 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. { Time / Time } Air {

Density: Surf. fms.

Wind: Direction Force 0-1

Baromet. Amt. of Clouds 8 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~~ Ifo Porterfield Recorder Corridor

Chgn Bto. (Copy, 51)

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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						4000						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5755 C Date, Mar 25, 1912

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

Turns Cor'n Depth 3½ 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 9 State of Sea S

Weather

Direction and Force of Current. Surface / Bottom

Tide

7

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used Mud bag from Cutter

Time towing h. 16½ m.

Remarks: Towed from 3½ fms to 5 ft. toward beach.

~~Deck Officer~~ H. Porterfield Recorder Crider

Chge of Bts.

11—1023

(copy. A)

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	Down.		Up.	---- M.			P M.	Down.		Up.	P M.	
						0	2	48	00	3	04	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
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						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5059 C Date, Mar 25, 1912

Sdg. Mch. Hand lead Reel ~~Shot~~ Lead } 14 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. { Time / Time } Air {

Density: Surf. fms.

Wind: Direction Force 1

Baromet. Amt. of Clouds 9 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~~ Lt. Porterfield Chge Bts. Recorder Coiter (copy, A)

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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						2900						
						3000						
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						3200						
						3300						
						3400						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

5756 a
5860 a

Dredge / ~~Hydrog.~~ No. 5756 a Date, Mar. 26, 1912

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

Turns Cor'n Depth 4 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. 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 Mud box in tow of cutter

Time towing — h. 5 1/2 m.

Remarks: Dredging along beach - 4 1/4 to 2 fms.

Deck Officer H. Butterfield Recorder [illegible]
Chg. of Books.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.		---- M.		9 M. Down.			Up.	9 M.	
						0	10	13	30	10	19	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4500						
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						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5060 B Date, Mar 26, 1912

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

Turns Cor'n Depth 2 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 [illegible] Recorder [illegible]

Chg 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						
						1200						
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						4000						
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						4200						
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						4500						
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						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5752 B Date, Mar 26, 1912

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

Turns Cor'n Depth 2 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 Tanner 4' along beach

Time towing — h. 7 m.

Remarks:

Deck ~~Officer~~ J. Porterfield Recorder [illegible]

Chg. Bldg.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			a M. Down.			Up. a M.		
						0	10	24	00	10	31	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1500						
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						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
Ty. 5060 a						2300						
						~~2400~~			2 fms.			
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ ~~Hydros~~ No. 5757 A Date, Mar 26, 1912

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

Turns Cor'n Depth 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

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 4' Tanner towed by cutter

Time towing — h. 12 m.

Remarks: From 4 fms to 4½ ft.

Deck Officer Lt. Porterfield Recorder J M Kil-

Chg of Pto.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.		---- M.		a M. DOWN.			UP.	a M.	
						0	11	08	00	11	20	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
Fy 5061 B.						~~2200~~		4½ ft.				
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
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						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5757 B Date, Mar 26, 1912

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

Turns Cor'n Depth 4½ 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 Mud bag towed by cutter from 4½ ft to 4 fms.

Time towing - h. 9 m.

Remarks:

~~Deck Officer~~ If. Porterfield Recorder Arnold

Chg of Bl.

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.	---- M.			a M.	DOWN.		UP.	a M.	
						0	11	26	00	11	35	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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Ay.	5061					~~2100~~		4 fms.				
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						2300						
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						2500						
						2600						
						2700						
						2800						
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						4800						
						4900						

Dredge ~~Hydrog.~~ No. 5758-a Date, March 26, 1912

Sdg. Mch. Hand lead Reel ~~Shot~~ Lead 4 lbs.

Turns Cor'n Depth 2 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 4 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 cutter in tow of large motor boat.

Time towing h. 10 m.

Remarks: From 2 fath to 4 feet along beach.

Deck Officer Lt Porterfield Recorder C. E. DeLong in charge of boats.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			P M.	Down.		Up.	A M.	
Hydrog. 5-062-b						0	1	07	20	1	17	00
4 feet.						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5-7-8-B Date, Aug 26, 1912

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

Turns ..... Cor'n ..... Depth 4 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

Baromet. ..... Amt. of Clouds 4 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 4' Tanner from cutter in tow of large motor boat.

..... Time towing ..... h. 21 m.

Remarks: Returned over same route as previous dredge - 4 feet to 2 fath.

Deck Officer Lt Porterfield in charge of boats. Recorder C. E. DeLong.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	Down.		Up.	___ M.			P M.	Down.		Up.	P M.	
Hydrog. 5062-a						0	1	19	30	1	41	30
						100						
2 fath.						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4200						
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						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5759A Date, April 1st, 1912

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

Turns Cor'n Depth 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

Baromet. Amt. of Clouds 1 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 Large Cutter by large motor boat

Time towing 1 h. m.

Remarks: Towed from 4 fms to 1½ fms along beach.

~~Deck Officer~~ Mr Porterfield Recorder H. W. Oxider in charge of boats

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	Down.		Up.		---- M.		P ---- M.	Down.		Up.	P ---- M.	
Hydro			#5063-B			0	12	45	00	1	45	00
		1½ fms.				100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5293B Date, April 1, 1912

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

Turns ..... Cor'n ..... Depth 1½ 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 / 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. 50 m.

Remarks: Towed from ½ fms to 3½ fms from beach.

~~Deck Officer~~ Wm. Porterfield Recorder J. W. Crider

in charge of boat

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			P M. Down.			Up.	P M.	
Hydrog			5063-B			0	1	48	00	2	38	00
						100						
		3½ fms.				200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4100						
						4200						
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						4500						
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						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5760 A Date, Feb. 2, 1912

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

Turns Cor'n Depth 2 1/4 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 Force 3

Baromet. Amt. of Clouds 6 State of Sea 8

Weather Ben

Direction and Force of Current. Surface / Bottom

Tide ebb

General Locality ~~Carquinez Strait~~

Pt. Edith beacon bears 84° true

Position

Chart used: No. Ed'n

Drift: Direction Distance 1.1 m.

Depth of Haul

Apparatus and Rig used Mud bag from Cutter

Time towing — h. 10 m.

Remarks: From 2 1/4 fms. to 3 ft.

~~Deck~~ Officer Lt. Porterfield Recorder Atukil

Chg. Bt.

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. Down.			Up.	___ M.			a M. Down.			Up.	a M.	
						0	9	06	00	9	16	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
Hy 50 64 6						800						
						900						
3 ft.						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5760 B Date, Apl 2, 1912

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

Turns Cor'n Depth 3 ft fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom SJT

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 flood

General Locality

Pt. Edith beacon bears 19½ (true)

Position

Chart used: No. Ed'n

Drift: Direction Distance 1.1

Depth of Haul

Apparatus and Rig used ~~Mud bag from Cutter~~ Small Tanner

Time towing — h. 10 m.

Remarks: From 3 ft to 3 fms.

Deck Officer Ltn Porterfield Ctg. Bts. Recorder A. Nikitin

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.		---- M.		~~G~~ M. DOWN.			UP.	~~G~~ M.	
						0	9	34	00	9	44	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
Hy		5064				900						
						1000						
		3 fms.				1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
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						4900						

Dredge / ~~Hydrog.~~ No. 5761 A Date, Apl. 2, 1912

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

Turns Cor'n Depth 3 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 Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current. Surface / Bottom

Tide ebb

General Locality

Position Pt. Edith beacon bears 230° (true)

Chart used: No. Ed'n

Drift: Direction Distance 1.4 m.

Depth of Haul

Apparatus and Rig used Mud bag from cutter

Time towing – h. 19 m.

Remarks: From 3 fms. to 5 fms. to

~~Deck~~ Officer Porterfield Recorder [illegible]

Chg. Bks.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	Down.		Up.	---- M.			a M.	Down.		Up.	a M.	
						0	9	55	00	10	02	00
						100						
						~~200~~	10	02	30	10	14	00
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
Hy 5065 B						1700						
						1800						
5 fms.						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ ~~Hydrog~~ No. 5761 B Date, Apl. 2, 1912

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

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom S.T.

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 flood

General Locality

Position Pt Edith beacon bears 247½° (true) dist. 1.8 mi.

Chart used: No. CS 5534 Ed'n

Drift: Direction Distance 1.4 m.

Depth of Haul

Apparatus and Rig used 4' Tanner

Time towing h. 45 m.

Remarks:

~~Deck~~ Officer Porterfield Recorder [illegible]

Chge Bts.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.		---- M.		a M. Down.			Up.	a M.	
						0	10	20	00	11	05	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
Hy 5365 ft						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
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						4200						
						4300						
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						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. [illegible] Date, Apl. 3, 1912

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

Turns Cor'n Depth 3 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 4' Tanner from Cutter

Time towing – h. 25 m.

Remarks:

Deck Officer Ith Porterfield Recorder [illegible]

Chge Bt.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	Down.		Up.	___ M.			___ M.	Down.		Up.	___ M.	
						0	11	25	00	11	50	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

April 3, 1912,

Dr. 5762 A 3½ fms. De Long x Crider, rec.

Hy 5066 B

Dr. 5762 B 3¼ fms.

Hy 5066 A

Dr. 5763 A 2 fms.

Hy 5067 A

Dr. 5763 B 5½ fms

Hy 5067 B

Dredge ~~Hydrog.~~ No. 5764-a Date, Apr 3, 1912

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

Turns Cor'n Depth 3 1/2 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 10 State of Sea S

Weather Oz

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used Mud bag from cutter

Time towing h. m.

Remarks: Regular Circling angel 2'd short distance from shore. Sanling in mud bag occasionally. At 7:40 line broke & mud bag lost.

Deck Officer Mr. Porterfield in ch Recorder C.E. Ledong.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	Down.		Up.	---- M.			a M.	Down.		Up.	a M.	
Hyd						0	9	15-30		9	40	00
						100						
						200						
3"4 fath at end of Drum						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
Hy 5068 SA						1200						
						1300						
						1400						
						1500						
						1600						
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						1800						
						1900						
						2000						
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						4800						
						4900						

Dredge / Hydrog. No. 5764-b Date, Apr 3, 1912

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

Turns Cor'n Depth 3 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. Time / Time Air

Density: Surf. fms.

Wind: Direction — Force 1

Baromet. Amt. of Clouds 10 State of Sea 8

Weather Oz

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 4' Tanner

Time towing h. m.

Remarks: Returned to same point last haul began with net out only at sand beaches

Deck Officer Mr Portefield in charge Recorder C. E. Long

11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.	---- M.			a M. DOWN.			UP.	a M.	
						0	9	44	30	9	34	00
						100						
						200						
3 1/2 fath at end of hand						300						
						400						
						500						
						600						
						700						
						800						
Hy 5068 B						900						
						1000						
						1100						
						1200						
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						4800						
						4900						

Dredge / ~~Hydrog~~ No. 5765 a Date, Apr 3, 1912

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

Turns _____ Cor'n _____ Depth ~~[illegible]~~ 1 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 Calm Force 0

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

Weather Oz

Direction and Force of Current. Surface _____ Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul bottom

Apparatus and Rig used 4' Tanner from cutter

Time towing _____ h. _____ m.

Remarks: Began where last haul ended (b)

Deck Officer Lt Porterfield in charge Recorder C.E. Long

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.		---- M.		a M. Down.			Up.		a M.
						0	10	02	30	10	54	00
						100						
						200						
						300						
						400						
						500						
Hy 5069 a						600						
						700						
						800						
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						1100						
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						4800						
						4900						

Dredge ~~Hydrog.~~ No. 5765 B Date, April 3, 1912

Sdg. Mch. _____ Reel _____ Shot Lead _____ lbs.

Turns _____ Cor'n _____ Depth 2 1/2 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. _____ m.

Remarks: Circling Angel Island making intermediate hauls

~~Deck Officer~~ Mr. Portefield in charge of boats Recorder H W Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. Down.			Up.	___ M.			P ___ M. Down.			Up.	P ___ M.	
						0	1	24	30	2	16	50
						100						
						200						
						300						
						400						
						500						
						600						
Fig 5069 6						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1500						
						1600						
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						4000						
						4100						
						4200						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5766-A Date, April 8, 1912

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

Turns Cor'n Depth 3 1/2 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 9 State of Sea S

Weather be

Direction and Force of Current. Surface / Bottom

Tide Flood

General Locality Oakland Creek

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used 4' Tanner from cutter.

Time towing h. m.

Remarks: From 3 1/2 fms at 1st bridge Oakland Creek to abreast of Moore & Scotts, cont'd in after noon & from to 1st bridge from Moore & Scotts Iron Works to beginning of channel

C. E. D. Long

~~Deck Officer~~ Jno. Dobsfield Recorder [illegible]

Chge Bts.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. Down.			Up.	___ M.			~~A~~ M. Down.			Up. ~~A~~ M.		
			1st	-	4 min	0	11	00	00	11	04	00
						100						
			2d	-	12 "	~~200~~	11	14	00	11	26	00
						300						
						~~400~~	P.M.				P.M.	
						500						
						~~600~~	2	09	00	2	31	00
						700						
						~~800~~	2	44	00	2	59	00
						900						
						~~1000~~	3	01	00	3	39	00
Hy 5070						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
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						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. 5766-B Date, April 8, 1902

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

Turns ____ Cor'n ____ Depth 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 Calm Force 0

Baromet. ____ Amt. of Clouds 10 State of Sea 2

Weather 0

Direction and Force of Current. Surface ____ Bottom ____

Tide Flood

General Locality Cobland Creek

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Bottom

Apparatus and Rig used Mud bag from cutter in tow of large motor boat.

Time towing ____ h. ____ m.

Remarks: Beginning of channel (4 fathoms) to (2 fathoms)

Deck Officer Mr. Porterfield in charge Recorder C. E. Delong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.		M.		P M. Down.			Up.	P M.	
						0	1	03	00	2	06	00
1 byd	5	0	7	0	b (?)	100						
3 fath						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4200						
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						4600						
						4700						
						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5767A Date, April 9, 19 12

Sdg. Mch. Hand line 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 1-2

Baromet. Amt. of Clouds 10 State of Sea C

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 launch.

Time towing h. 28½ m.

Remarks: Towed from 3 fms to 1¼ fms in taking intermediate hauls.

Deck Officer Mr Porterfield in charge of boats Recorder A. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. Down.			Up.	___ M.			9 M. Down.			Up.	6 M.	
						0	10	14	00	11	12	30
						100						
Hy.	50	71	A.			200						
			1	4 fms		300						
						400						
						500						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5767 B Date, April 9, 1912

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

Turns Cor'n Depth 1¼ 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 - 2

Baromet. Amt. of Clouds 10 State of Sea C

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 motor boat.

Time towing h. 3 3 m.

Remarks: Towed from 1¼ fms to 3 fms

~~Deck Officer~~ Mr Porterfield Recorder H W Prider in charge of boats

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.		---- M.		7 M. DOWN.			UP. 7 M.		
						0	11	13	30	11	46	30
						100						
						200						
Hy. 5671 B						300						
3 fms						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4200						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ } No. 5768 Date, Apl. 9, 19 12

Sdg. Mch. Hand Line Reel Shot / Lead } 14 lbs.

Turns Cor'n Depth 3 1/4 fms.

Sdg. Cup Amt. Bot'm Sample 2 1/4

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 Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used (4' Tanner from Cutter then) Mud bag

Time towing h. 14 m.

Remarks: Towed 6 min. then lost trawl; returned to beginning of station for new haul with Mud bag

Deck ~~Officer~~ Lt. Porterfield Recorder [illegible]

Chge Bts.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.		---- M.		---- M. DOWN.			UP.	---- M.	
						0	1	25	00	1	31	00
						100						
						~~200~~	1	44	00	1	58	00
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
Fy 5072 1 3/4 fm						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
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						4800						
						4900						

~~Dredge~~ / Hydrog. } No. 5768 Date, Apl 9, 1912

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

Turns Cor'n Depth 1 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

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current. { Surface / Bottom

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Mud bag from Cutter

Time towing h. 12 m.

Remarks: From end of previous Stn — 1 3/4 fms — parallel with beach, to 1 fm.

~~Deck Officer~~ It Porterfield Recorder [illegible]

Chg Bts.

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.	___ M.			P ___ M.	DOWN.		UP.	P ___ M.	
						0	2	01	00	2	13	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
Hy. 5072						1800						
						1900						
1 fm.						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						

2 angles

78 - 31

62 - 04

55 - 56

54 - 12

63 - 27

58 - 54

1 - 64 - 32

2 - 78 - 39

(1)

(4) - 1 48 - 49

✓ 2 - 95 - 06

1 - 54 - 27 (2) ✓

2 - 77 - 21

(3) 1 - 66 - 51

✓ 2 - 37 - 58

tms

Σ 9 - 5 7

8 8 - 2 2