

H5329-

D5837-

507

H of drug 5329
S. 104924
R. 1080.11

SOUNDING WIRE.			FMS.	DREDGING CABLE.					
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.			
			0	11	23	35	11	24	20
			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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			2800						
			2900						
			3000						
			3100						
			3200						
			3300						
			3400						
			3500						
			3600						
			3700						
			3800						
			3900						
			4000						
			4100						
			4200						
			4300						
			4400						
			4500						
			4600						
			4700						
			4800						
			4900						

Dredge } No. 5838 Date, Feb 3, 1917
Hydrog. }

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

Turns _____ Cor'n _____ Depth 5 1/2 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 49 Time 11.40 } Air { 50
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

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

Weather b c 7

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul Bottom

Apparatus and Rig used Orange Red Bucket

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr King Recorder C Cook

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
M. Down.	Up.	M.			M. Down.	Up.	M.			
				0	11	39	-	17	39	30
				100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
				1400						
				1500						
				1600						
				1700						
				1800						
				1900						
				2000						
				2100						
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				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 } No. 5839 Date, Feb 3, 1913
Hydrog. }

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

Turns ----- Cor'n ----- Depth 5 3/4 fms.

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

Character of Bottom -----

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

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

Temp. Surf. { 49 Time 11:55 } Air { 55 }
 { ----- Time ----- } { ----- }

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

Wind: Direction Calm Force 0

Baromet. 30.15 Amt. of Clouds 5 State of Sea 5

Weather bcf

Direction and Force of Current { Surface -----
 { Bottom -----

Tide -----

General Locality -----

Position -----

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

Drift: Direction ----- Distance -----

Depth of Haul Bottom

Apparatus and Rig used Orange Peel Bucket

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

Remarks: -----

Deck Officer M. King Recorder C. Cook

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
M. DOWN.	UP.	M.				M. DOWN.	UP.	M.			
					0	11	54	20	11	55	—
					100						
					200						
					300						
					400						
					500						
					600						
					700						
					800						
					900						
					1000						
					1100						
					1200						
					1300						
					1400						
					1500						
					1600						
					1700						
					1800						
					1900						
					2000						
					2100						
					2200						
					2300						
					2400						
					2500						
					2600						
					2700						
					2800						
					2900						
					3000						
					3100						
					3200						
					3300						
					3400						
					3500						
					3600						
					3700						
					3800						
					3900						
					4000						
					4100						
					4200						
					4300						
					4400						
					4500						
					4600						
					4700						
					4800						
					4900						

Dredge } No. 5840 Date, Feb 3, 1913
Hydrog. }
Sdg. Mch. Handline Reel Shot/Lead 14 lbs.
Turns _____ Cor'n _____ Depth 9 1/2 fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 12:24 P. Air { 54
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

Baromet. 30.15 Amt. of Clouds 6 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 Bottom

Apparatus and Rig used Orange peel bucket.

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. King Recorder H. W. Coles
11-1023

SOUNDING WIRE.

M. DOWN. | UP. | M.

DREDGING CABLE.

M. DOWN. | UP. | M.

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

12 | 23.50 | 15 | 24.00

Dredge } No. 5841 Date, Feb 13, 1913
 Hydrog. }
 Sdg. Mch. *Hand line* Reel Shot/Lead lbs.
 Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample
 Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 12:49 Air { 51
 Time

Density: Surf. fms.

Wind: Direction *Calm* Force 0

Baromet. 30.15 Amt. of Clouds 4 State of Sea S

Weather *b.c.*

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 *Orange*

Time towing h. m.

Remarks:

Deck Officer *M. W. ...* Recorder *J. W. ...*
 11-1024

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0	12	48	20
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
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			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, 1/31/1908, 1908

Sdg. Mch. Hand haul Reel _____ Shot } 14 lbs.
Lead } _____

Turns _____ Cor'n _____ Depth 25-28 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 15.40 Time 10⁰⁰ } Air { 5.6
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force / _____

Baromet. 30.24 Amt. of Clouds ? State of Sea V

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' Oyster dredge

Time towing _____ h. 6 m.

Remarks:

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0	9	5	40
			75-100.	10	02	10
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
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			2200			
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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 } No. 6 Date, _____, 19 13
Hydrog. }

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

Turns _____ Cor'n _____ Depth 25-27 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 10 45 } Air { 56°
 { Time } { }

Density: Surf. _____ fms. _____

Wind: Direction S.W. Force 1-2

Baromet. 30.23 Amt. of Clouds 9 State of Sea 2

Weather bcy

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' Gyro. dredge, 3 glass
dicats

Time towing _____ h. 4 1/2 m.

Remarks:

Deck Officer _____ Recorder _____

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0	10	40	30	10	50	00
75-100	10	43	43	10	45	00
200						
300						
400						
500						
600						
700						
800						
900						
1000						
1100						
1200						
1300						
1400						
1500						
1600						
1700						
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1900						
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2200						
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3100						
3200						
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3600						
3700						
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3900						
4000						
4100						
4200						
4300						
4400						
4500						
4600						
4700						
4800						
4900						

Dredge } No. 2000 Date, Oct 2, 1902
Hydrog. }

Sdg. Mch. Reel Shot & Lead 17 lbs.

Turns ----- Cor'n ----- Depth 22 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading: ----- Cor'd Temp. -----

Temp. Surf. { 63° ----- Time 11:15 ----- } Air { 64° -----
 { Time ----- }

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

Wind: Direction S.W. Force 1-2

Baromet. 30.22 Amt. of Clouds 9 State of Sea

Weather bca

Direction and Force of Current { Surface -----
 { Bottom -----

Tide -----

General Locality -----

Position

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

Drift: Direction ----- Distance -----

Depth of Haul bottom

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer ----- Recorder -----

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

	0	//	10	50	//	15	50
	100	//	13	10	//	14	50
	200						
	300						
	400						
	500						
	600						
	700						
	800						
	900						
	1000						
	1100						
	1200						
	1300						
	1400						
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	2700						
	2800						
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	3100						
	3200						
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	3800						
	3900						
	4000						
	4100						
	4200						
	4300						
	4400						
	4500						
	4600						
	4700						
	4800						
	4900						

Dredge } No. _____ Date, _____, 19____
Hydrog. }
Sdg. Mch. 11 10 Reel _____ Shot/Lead _____ lbs.
Tarns _____ Cor'n _____ Depth _____ fms.
Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____
Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction S.W. Force _____

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

Weather bcz

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'

Time towing _____ h. _____ m.

Remarks: 50 fath of line
in rig

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

M. Down. | Up. | M.

FMS.	M. Down.	Up.	M.
0			
100	11	44	55
200			
300			
400			
500			
600			
700			
800			
900			
1000			
1100			
1200			
1300			
1400			
1500			
1600			
1700			
1800			
1900			
2000			
2100			
2200			
2300			
2400			
2500			
2600			
2700			
2800			
2900			
3000			
3100			
3200			
3300			
3400			
3500			
3600			
3700			
3800			
3900			
4000			
4100			
4200			
4300			
4400			
4500			
4600			
4700			
4800			
4900			

Dredge } No. 5846 Date, Aug 1, 1903
Hydrog. }

Sdg. Mch. and line Reel Shot 14 lbs.
Lead 45 w.b.g.

Turns Cor'n Depth 45 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction N. 75 Force 1-2

Baromet. Amt. of Clouds State of Sea 5

Weather Fog

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' Oyster dredge

3 glass floats

Time towing h. 3 m.

Remarks: Trawl all night & 500 fms. haul
hauled in in day

Deck Officer Recorder

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. P M.

0	12	10	-	12	22	35
125	12	15	-	12	15	-
100						
200						
300						
400						
500						
600						
700						
800						
900						
1000						
1100						
1200						
1300						
1400						
1500						
1600						
1700						
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3000						
3100						
3200						
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3400						
3500						
3600						
3700						
3800						
3900						
4000						
4100						
4200						
4300						
4400						
4500						
4600						
4700						
4800						
4900						

Dredge } No. 7177 A Date, Feb 12, 1902
Hydrog. }

Sdg. Mch. Sigsbee Reel Shot } 14 lbs.
Lead }

Turns ----- Cor'n ----- Depth 8 1/2 fms.

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

Character of Bottom -----

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

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

Temp. Surf. { Time 11:11 a. } Air { 72
 { Time 11:45 } { 71

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

Wind: Direction Calm Force 0

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

Weather bcs -----

Direction and Force of Current { Surface -----
 { Bottom -----

Tide -----

General Locality -----

Position -----

Chart used: No. ----- Rd'n -----

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used Oyster dredge,
the wooden dredge

Time towing h. 19 m.

Remarks: Oysters, small shells

Deck Officer P. H. H. Recorder H. H. H.

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

A. M. Down. | Up. | A. M.

A. Orange-Red }
 1000

Sounding }
 1000

B. Green-Red }
 1000

0				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				
1100	35	19	25	11
1200				
1300				
1400				
1500				
1600				
1700				
1800				
1900				
2000				
2100	8	10	10	11
2200				
2300				
2400				
2500				
2600				
2700				
2800				
2900				
3000				
3100				
3200				
3300				
3400				
3500				
3600				
3700				
3800				
3900				
4000				
4100				
4200				
4300				
4400				
4500				
4600				
4700				
4800				
4900				

Dredge } No. 5848 Date Apr 22, 1911
Hydrog. }

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

Turns ----- Cor'n ----- Depth 9 fms.

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

Character of Bottom -----

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

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

Temp. Surf. { 62 Time 12:57 } Air { 65
 { 62 Time 1:35 } { 63

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

Wind: Direction W-n Force 3

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

Weather bry

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 (Hand line dredge 2 ft. lead)

Time towing h. 37¹/₂ m.

Remarks: Specimens taken

Deck Officer [Signature] Recorder J.W. Crider

SOUNDING WIRE.

DREDGING CABLE.

M. Down. | Up. | M.

FMS.

P. M. Down. | Up. | P. M.

On long pull. 12:41

12:41 | 12:47:30

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700

Point dredge

30 800

12:55:00 | 1:31:00
12:57:00 | 1:29:30

- 900
- 1000
- 1100
- 1200
- 1300
- 1400

5:48:15

4500

1:41:00 | 1:42:30

- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400
- 2500
- 2600
- 2700
- 2800
- 2900
- 3000
- 3100
- 3200
- 3300
- 3400
- 3500
- 3600
- 3700
- 3800
- 3900
- 4000
- 4100
- 4200
- 4300
- 4400
- 4500
- 4600
- 4700
- 4800
- 4900

Dredge } No. 581 Date, Apr 22, 1913
Hydrog. }
Sdg. Mch. Hand Reel Shot/Lead 10 lbs.
Turns _____ Cor'n _____ Depth 734 fms.
Sdg. Cup Amt. Bot'm Sample _____
Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 61 Time 2:15 } Air { 60
 { 61 Time 2:33 } { 60

Density: Surf. _____ fms. _____

Wind: Direction West Force 2-3

Baromet. ? Amt. of Clouds 2 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 15 ft. beam trawl
roasts _____
15 ft. beam trawl

Time towing h. 17 m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.

DREDGING CABLE.

M. Down. Up. M.

FMS.

M. Down. Up. M.

George's point

2 09 30 2 10 00

Trout, bridge

30

2 16 30 2 33 30

13 11 30

George's point

2 27 30 2 43 30

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400
- 2500
- 2600
- 2700
- 2800
- 2900
- 3000
- 3100
- 3200
- 3300
- 3400
- 3500
- 3600
- 3700
- 3800
- 3900
- 4000
- 4100
- 4200
- 4300
- 4400
- 4500
- 4600
- 4700
- 4800
- 4900

Dredge } No. 29 Date July 18, 1911
Hydrog. }

Sdg. Mch. Trawl Reel Trawl Shot/Lead 16 lbs.

Turns Cor'n Depth 28 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading 247 Cor'd Temp.

Temp. Surf. { 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 Anchored Distance

Depth of Haul

Apparatus and Rig used d. net

P. m. Trawl

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. DOWN. UP. M.

M. DOWN. UP. M.

Temperatures -

	M. DOWN.	UP.	M.	FMS.
				0
				100
				200
				300
7 AM	12 min	L 58.5	R 58.8	400
			58.3	500
	Surf.	60.9	60.0	600
8	Bottom	L 58.8	R 58.0	700
			58.55	800
	Surf.	60.3	59.4	900
9	Bottom	L 62.2	R 62.4	1000
			61.95	1100
	Surf.	59.0	58.1	1200
10	Bottom	L 57.0	R 57.1	1300
			56.7	1400
	Surf.	58.0	57.1	1500
11	Bottom	L 56.2	R 56.5	1600
			56.0	1700
	Surf.	58.1	57.2	1800
12	Bottom	L 55.5	R 55.8	1900
			55.3	2000
	Surf.	59.0	58.1	2100
1	Bottom	L 55.5	R 55.6	2200
			55.2	2300
	Surf.	58.5	57.6	2400
2	Bottom	L 55.9	R 56.0	2500
			55.6	2600
	Surf.	58.9	58.0	2700
3	Bottom	L 55.4	R 55.8	2800
			55.25	2900
	Surf.	58.9	58.0	3000
4	Bottom	L 55.7	R 56.0	3100
			55.5	3200
	Surf.	57.8	56.4	3300
5	Bottom	L 56.1	R 56.3	3400
			55.85	3500
	Surf.	58.0	57.1	3600
6	Bottom	L 56.8	R 57.0	3700
			56.55	3800
	Surf.	57.6	56.7	3900
7	Bottom	L 56.8	R 57.0	4000
			56.55	4100
	Surf.	58.0	57.1	4200
7:30	Bottom	L 56.4	R 57.0	4300
			56.6	4400
	Surf.	58.0	57.1	4500
				4600
				4700
				4800
				4900

Trawl or Hydrog. } No. 230 Date, Aug 28, 1913

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

Turns _____ Cor'n _____ Depth 10 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time _____ Air { Time _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

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

Weather _____

Direction and Force of Current { Surface _____ Bottom _____

Tide Flood - E.T.B.

General Locality

Position _____

Chart used: No. 28 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Remarks: Hauly _____ Time towing _____ h. _____ m.

SOUNDING WIRE.

DREDGING CABLE.

M. Down. Up. M.

FMS.

M. Down. Up. M.

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

Temperatures

10 AM	Botm	L 63.3	
	63.05	R 63.5	
	Surf	65.0	
		64.1	
11	Botm	L 62.7	
	62.5	R 63.0	
	Surf	63.8	
		62.9	
12	Botm	L 62.3	
	62.05	R 62.5	
	Surf	63.7	
		62.8	
1	Botm	L 62.0	
	61.8	R 62.3	
	Surf	64.1	
		63.2	
2	Botm	L 61.0	
	60.7	R 61.1	
	Surf	63.2	
		62.3	
3	Botm	L 60.3	
	60.15	R 60.7	
	Surf	62.2	
		61.3	
4	Botm	L 60.1	
	59.85	R 60.3	
	Surf	62.0	
		61.1	
5	Botm	L 60.1	
	59.85	R 60.3	
	Surf	63.0	
		62.1	
6	Botm	L 60.2	
	60.0	R 60.5	
	Surf	63.0	
		62.1	
7	Botm	L 61.0	
	60.75	R 61.2	
	Surf	63.1	
		62.2	

Dredge } No. _____ Date, July 21, 1911
Hydrog. }

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

Turns _____ Cor'n _____ Depth 1 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom gy

Thermom. { Make N.S. Cor'n { Instr. _____
 { No. L.R. { Stem. _____

Bottom Reading 69 Cor'd Temp. 68.2

Temp. Surf. { _____ Time _____ } Air {
 { _____ Time 3:01 P } _____

Density: Surf. _____ fms. _____

Wind: Direction S.W. Force 5

Baromet. 29.99 Amt. of Clouds 6 State of Sea π

Weather bcf

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality San Pedro de Macoris Bay, D.R.

Position _____

Chart used: No. CS 5333 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: R. thermos did not work

Deck Officer F. J. [Signature] Recorder [Signature]
Cl. A

SOUNDING WIRE.

P M. Down. | Up. | *P* M.

2:45

[faint scribbles]

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

0 2:57

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

3:01 } temp. *[scribble]*

Trawl Hydrog. No. 5132 Date, July 21, 1913

Sdg. Mch. Lucas Reel Shot/Lead lbs.

Turns ----- Cor'n ----- Depth 172 fms.

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

Character of Bottom gy S

Thermom. { Make N-3 Cor'n { Instr. No. Stem.

Bottom Reading L. 6.6 R. 6.6 Cor'd Temp. 66.2 F

Temp. Surf. { Time Air {

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

Wind: Direction S Force 4

Baromet. ----- Amt. of Clouds 6 State of Sea R

Weather fog

Direction and Force of Current { Surface Bottom

Tide Flood

General Locality S. of ...

Position 48 N 100 W 2.0

Chart used: No. 25 1133 Ed'n -----

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used -----

Remarks: ... Towing ... h. ... m.

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

P M. Down. | Up. | M.

5 M. Down. | Up. | M.

5:31 *Have lead*

3:02 } *100*
3:42 } *100*

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400
- 2500
- 2600
- 2700
- 2800
- 2900
- 3000
- 3100
- 3200
- 3300
- 3400
- 3500
- 3600
- 3700
- 3800
- 3900
- 4000
- 4100
- 4200
- 4300
- 4400
- 4500
- 4600
- 4700
- 4800
- 4900

Dredge } No. 5333 Date, July 21, 1913
Hydrog. }

Sdg. Mch. hand reel Reel Shot/Lead lbs.

Turns ----- Cor'n ----- Depth 2 fms.

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

Character of Bottom

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

Bottom Reading I 64.5 R 64.2 Cor'd Temp. 67.2

Temp. Surf. { Time ----- } Air { Time ----- }

Density: Surf. ----- fms.

Wind: Direction South Force 4

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

Weather B'f

Direction and Force of Current { Surface ----- Bottom ----- }

Tide -----

General Locality Cape Cod Bay

Position 41° 20' N, 71° 15' W

Chart used: No. CE 153 Ed'n

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used -----

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

Remarks:

Deck Officer H. [Signature] Recorder A. [Signature]
107. B. [Signature]

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

4:07 down lead

4:07 down lead

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400
- 2500
- 2600
- 2700
- 2800
- 2900
- 3000
- 3100
- 3200
- 3300
- 3400
- 3500
- 3600
- 3700
- 3800
- 3900
- 4000
- 4100
- 4200
- 4300
- 4400
- 4500
- 4600
- 4700
- 4800
- 4900

Hydrog. No. 5534 Date, Aug 31, 1912
Sdg. Mch. Hand lead Reel _____ Shot/Lead _____ lbs.
Turns _____ Cor'n _____ Depth 3 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom _____
Thermom. { Make N.S. Cor'n { Instr. _____
 { No. L. R. { Stem. _____

Bottom Reading 5.60 L. N. 63.5 Cor'd Temp. 63.5

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }

Density: Surf. _____ fms. _____
Wind: Direction South Force 4-5

Baromet. 30.00 Amt. of Clouds 7 State of Sea _____

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide F/L

General Locality San Pedro

Position 13° 5' S, 122° 22' W

Chart used: No. CS 1533 Ed'n. _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.

M. Down. | Up. | M.

4:50 | *1.00* | *5.00*
~~4:50~~ | ~~1.00~~ | ~~5.00~~

DREDGING CABLE.

M. Down. | Up. | M.

FMS.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400
- 2500
- 2600
- 2700
- 2800
- 2900
- 3000
- 3100
- 3200
- 3300
- 3400
- 3500
- 3600
- 3700
- 3800
- 3900
- 4000
- 4100
- 4200
- 4300
- 4400
- 4500
- 4600
- 4700
- 4800
- 4900

4:50 ✓ | *1.00* ✓ | *5.00* ✓
~~4:50~~ ✓ | ~~1.00~~ ✓ | ~~5.00~~ ✓

Hydrog. No. 5335 Date, Aug 21, 1912
Sdg. Mch. Reel Shot/Lead 13 lbs.

Turns Cor'n Depth fms.
Sdg. Cup Amt. Bot'm Sample

Character of Bottom M
Thermom. { Make No. 1 Cor'n { Instr. Stem.

Bottom Reading 3, 6.7 Cor'd Temp. 64.6

Temp. Surf. { Time Air }

Density: Surf. fms.

Wind: Direction E-SE Force

Baromet. Amt. of Clouds 7 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide Flood

General Locality

Position

Chart used: No. CS 5332 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

63
 M. Down. | Up. | M.
 52/ 100 50

DREDGING CABLE.

M. Down. | Up. | M.
 52/ 100 50

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

Hydrog. } No. 5336 Date, July 22, 1913

Sdg. Mch. Handline Reel ~~100~~ 10 lbs.

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

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

Character of Bottom S

Thermom. { Make 112 Cor'n { Instr. -----
 { No. ----- { Stem. -----

Bottom Reading L 59.5 R 59.6 Cor'd Temp. 59.3

Temp. Surf. { 60.0 Time ----- } Air {
 { 57.1 Time ----- } -----

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 Middle

Position -----

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

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used Ek Bot. 4' water -----
K. M. T. Co.

Time towing h. m.

Remarks: -----

Deck Officer ----- Recorder -----

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0	730		
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5337 Date, July 22, 1913

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

Turns Cor'n Depth 13 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom S

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

Bottom Reading L 62.3 F. 62.5 Cor'd Temp. 62.05

Temp. Surf. { 63.8 Time Air { 62.7

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface 1/3 Knots per hr. Bottom

Tide Ebb

General Locality Middle

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Eklot. Trawl Case Pa. m. 1/2 winter #12 1000

Time towing h. m.

Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		A M. Down.	Up.	M.
			0	8	20	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5338 Date, July 27, 1913

Sdg. Mch. Trawl Reel Star Shot/Lead 100 lbs.

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

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

Character of Bottom S

Thermom. { Make 712. Cor'n { Instr. No. ----- Stem. -----

Bottom Reading L 59.0 R 59.1 Cor'd Temp. 58.7

Temp. Surf. { 61.9 Time ----- } Air { 61.5 Time -----

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 Middle

Position -----

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

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used Ekbot Trawl Pr. m
L'inter 712 7120

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

Remarks: -----

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		A. M. Down.	Up.	M.
			0	9	05	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

~~Dredge~~ } No. 5339 Date, July 22, 1913

Sdg. Mch. Tann. Reel Tann. Shot 100 lbs. Lead 100

Turns Cor'n Depth 9 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M.

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

Bottom Reading L 59.8 R. 60.0 Cor'd Temp. 59.55

Temp. Surf. { 62.7 Time } Air { 61.7 Time }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide Ebb to Flood.

General Locality Middle

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Ebb bot Tann case Pr. m. 2' in Tann 11:15:00

Time towing h. m.

Remarks:

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

~~A~~ M. Down. Up. M.

at. 11 00

Bot. Temp.

L. 59.4

R. 59.6

Corr. 59.15

Surf. 63.0

Corr. 62.1

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

10 00 00

No. 5340 Date, July 22, 1913

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

Turns ----- Cor'n ----- Depth 23 3/4 fms.

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

Character of Bottom S

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

Bottom Reading L 59.0 R 47.1 Cor'd Temp. 58.7

Temp. Surf. { 61.2 Time } Air { 60.0 Time }

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 Middle

Position -----

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

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used Shot and Trawl Bottom
d'inter #20 #12

Time towing h. m.

Remarks: -----

Deck Officer ----- Recorder -----

SOUNDING WIRE.

M. Down. | Up. | M.

DREDGING CABLE.

A. M. Down. | Up. | M.

FMS.

11 45-

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Hydrog. No. 5311 Date July 22, 1913

Sdg. Mch. Tmv Reel Shot Lead 14 lbs.

Turns Cor'n Depth 8 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom S

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

Bottom Reading L 59.5 R. 57.8 Cor'd Temp. 57.3

Temp. Surf. { 61.2 Time } Air { 60.3 Time }

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 Middle

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used E 16 676 Y' inter # 12 FF 20

Time towing h. m.

Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0	P 12	25	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 5342 Date, July 22, 1913

Sdg. Mch. Trawl Reel Trawl Shot/Lead 17 lbs.

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

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

Character of Bottom S

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

Bottom Reading L 60.2 R 60.3 Cor'd Temp. 59.9

Temp. Surf. { 60.0 Time ----- } Air { 59.1 Time ----- }

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 Middle

Position -----

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

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used Trawl Trawl

Time towing h. m.

Remarks: -----

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0	P		
			100	1	25	
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5343 Date, July 23, 1913
Sdg. Mch. Trawl Reel Shot Lead lbs.
Turns ----- Cor'n ----- Depth 10 fms.

Sdg. Cup ----- Amt. Bot'm Sample -----
Character of Bottom M
Thermom. { Make HZ Cor'n { Instr. -----
 { No. ----- { Stem. -----

Bottom Reading L 62.9 R 63.0 Cor'd Temp. 67.6
Temp. Surf. { 64.9 Time ----- } Air {
 { 64.1 Time ----- }
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 Lower
Position -----
Chart used: No. ----- Ed'n -----

Drift: Direction ----- Distance -----
Depth of Haul -----
Apparatus and Rig used Trawl 7' net 2' lead 2' m
d' water 7' 2' 70

Time towing ----- h. ----- m.
Remarks: -----

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		A. M. Down.	Up.	M.
			0	8	50	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

~~Hydrog.~~ No. 5344 Date, July 23, 1913

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

Turns Cor'n Depth 4 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M.

Thermom. { Make 712 Cor'n { Instr. No. Stem.

Bottom Reading 460.5 1560.5 Cor'd Temp. 62.0

Temp. Surf. { 70.0 Time } Air { 69.2 Time }

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 Lower

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Ek. lot

Remarks: Net towed 2 min. Time towing h. m.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0	10	0000	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 5345 Date, July 23, 1913

Sdg. Mch. T. M. Reel T. M. Shot Lead 10 lbs.

Turns Cor'n Depth 5 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M.

Thermom. { Make 712 Cor'n { Instr. No. Stem.

Bottom Reading L. 64.0 R 64.2 Cor'd Temp. 63.5

Temp. Surf. { 69.9 Time Air { 69.1 Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide 1/2 low

General Locality Lower

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Ekman net 4' net

Time towing h. m.

Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		# M. Down.	Up.	M.
			0	10	40	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

at 11.45
 Bot Temp.
 L 69.0
 R 69.2
 cor. 18.75

Surf. 70.0
 cor. 69.2

Dredge } No. 5346 Date, July 23, 1913

Sdg. Mch. T. W. Reel T. W. Shot/Lead 14 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M.

Thermom. { Make MZ Cor'n { Instr. No. Stem. 63.9

Bottom Reading 2 64.0 R 64.1 Cor'd Temp. 68.0

Temp. Surf. { 68.0 Time Air { 61.0 Time

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 Lower

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Ek. bot T. W. Mch. 4' inter #12 #12 es.

Time towing h. m.

Remarks:

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

P. M. Down. | Up. | M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

P
1 05-

Hydrog. } No. 5347 Date, July 5, 1913

Sdg. Mch. Trawl Reel Trawl Shot/Lead 12 lbs.

Turns Cor'n Depth 12 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M.

Thermom. { Make 712 Cor'n { Instr. No. Stem.

Bottom Reading L. 60 R. 60 Cor'd Temp. 60.85

Temp. Surf. { 63.1 Time } Air { 67.2 Time }

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 Lower

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Ek bot Trawl 12 m. Winter 1124 10

Time towing h. m.

Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0	<i>P</i>	<i>12 14</i>	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5348 Date, July 5, 1912
Hydrog. }

Sdg. Mch. Hand line Reel Shot Lead lbs.

Turns Cor'n Depth 4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy. s.;

Thermom. { Make & Co. Cor'n { Instr. Stem.

Bottom Reading 691 69.2 Cor'd Temp. 60.5

Temp. Surf. { Time } Air {

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds 7 State of Sea 2

Weather bcy

Direction and Force of Current { Surface Bottom

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Bottom mud

Deck Officer Recorder

SOUNDING WIRE

Personnel FMS.
 C.M. Down. | Up. | M.

105440 11 04 00

DREDGING CABLE.

M. Down. | Up. | M.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400
- 2500
- 2600
- 2700
- 2800
- 2900
- 3000
- 3100
- 3200
- 3300
- 3400
- 3500
- 3600
- 3700
- 3800
- 3900
- 4000
- 4100
- 4200
- 4300
- 4400
- 4500
- 4600
- 4700
- 4800
- 4900

Dredge } No. 6349 Date, July 20, 1917
Hydrog. }

Sdg. Mch. Hand Reel Reel Sdg. Lead lbs.

Turns _____ Cor'n _____ Depth 2 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom *ln. M.*

Thermom. { Make *N.Y.* Cor'n { Instr. _____
 { No. *1000* { Stem. _____

Bottom Reading *69.5; 69.4* Cor'd Temp. *69.5*

Temp. Surf. { Time _____ } Air {
 { Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force *1*

Baromet. _____ Amt. of Clouds *7* State of Sea *2*

Weather *2/2*

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: *Some water lost*

Deck Officer *J. P. ...* Recorder *...*

SOUNDING WIRE		FMS.	DREDGING CABLE		
M. Down.	Up.		M.	Up.	M.
11 27 30	11 37 30	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

Hydrog. } No. 5350 Date, July 23, 1913

Sdg. Mch. Hand Reel Shot/Lead lbs.

Turns ----- Cor'n ----- Depth 3 1/2 fms.

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

Character of Bottom br. M.

Thermom. { Make W. J. Cor'n { Instr. No. As before Stem.

Bottom Reading 69.5 69.3 Cor'd Temp. 6

Temp. Surf. { Time } Air {

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

Wind: Direction ----- Force 1-2

Baromet. ----- Amt. of Clouds 7 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 Recorder

SOUNDING WIRE.

DREDGING CABLE.

Metric M. Down. | Up. | *R* M.

FMS.

M. Down. | Up. | M.

12 | 00 | 00 | 12 | 10 | 00

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400
- 2500
- 2600
- 2700
- 2800
- 2900
- 3000
- 3100
- 3200
- 3300
- 3400
- 3500
- 3600
- 3700
- 3800
- 3900
- 4000
- 4100
- 4200
- 4300
- 4400
- 4500
- 4600
- 4700
- 4800
- 4900

Dredge } No. _____ *Date,* _____, 19____
Hydrog. }
Sdg. Mch. _____ *Reel* _____ *Shot* }
Lead } _____ *Lbs.*
Turns _____ *Cor'n* _____ *Depth* _____ *fms.*
Sdg. Cup _____ *Amt. Bot'm*
Sample _____
Character of
Bottom _____

Thermom. { *Make* _____ *Cor'n* { *Instr.* _____
 { *No.* _____ { *Stem.* _____

Bottom Reading _____ *Cor'd Temp.* _____

Temp. Surf. { _____ *Time* _____ } *Air* { _____
 { _____ *Time* _____ } _____

Density: Surf. _____ *fms.* _____

Wind: Direction _____ *Force* _____

Baromet. _____ *Amt. of* _____ *State of*
Clouds _____ *Sea* _____

Weather _____

Direction and Force { *Surface* _____
of Current. { *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: _____

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

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. _____ Date, _____, 19
Hydrog. }
Sdg. Mch. _____ Reel _____ Shot } lbs.
Lead }

Turns _____ Cor'n _____ Depth _____ fms.
Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____
Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ } _____

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: _____

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			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19
Hydrog. }

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

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }

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 _____ Recorder _____

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			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19____
 Hydrog. }
 Sdg. Mch. _____ Reel _____ Shot } _____ lbs.
 Lead }
 Turns _____ Cor'n _____ Depth _____ fms.
 Sdg. Cup _____ Amt. Bot'm Sample _____
 Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ } { _____

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: _____

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. _____ Date, _____, 19

Sdg. Mch. _____ Reel _____ Shot } lbs.

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

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

Weather _____

Direction and Force of Current { Surface _____

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 _____ Recorder _____

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. _____ Date, _____, 19

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

Turns _____ Cor'n _____ Depth _____ fms.

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

Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ } _____

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 _____ Recorder _____

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000
 4100
 4200
 4300
 4400
 4500
 4600
 4700
 4800
 4900

Dredge } No. _____ Date, _____, 19
Hydrog. }

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

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm
Sample _____

Character of
Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air {
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

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

Weather _____

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

Tide. _____

General Locality _____

Position _____

Chart used: No. _____ Rd'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

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			
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			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19

Sdg. Mch. ----- Reel ----- Shot } lbs.

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

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

Character of Bottom -----

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

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

Temp. Surf. { ----- Time ----- } Air {
 { ----- Time ----- } -----

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: -----

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			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19____
Hydrog. }

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

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }

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 _____ Recorder _____

SOUNDING WIRE.

M. Down. | Up. M.

FMS.

DREDGING CABLE.

M. Down. | Up. M.

0
100
200
300
400
500
600
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1200
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2400
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. _____ Date, _____, 19____
Hydrog. }

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

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm
Sample _____

Character of
Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

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

Weather _____

Direction and Force { Surface
of Current. { 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: _____

SOUNDING WIRE.

M. Down. Up. --- M.

FMS.

DREDGING CABLE.

--- M. Down. Up. --- M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. _____ Date, _____, 19
Hydrog. }

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

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ } { _____

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: _____

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

--- M. Down. | Up. | M.

0

100

200

300

400

500

600

700

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1200

1300

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1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. _____ Date, _____, 19
Hydrog. }

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

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm
Sample _____

Character of
Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

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

Weather _____

Direction and Force { Surface _____
of Current. { 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 _____ Recorder _____

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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				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. _____ Date, _____, 19 ____
 Hydros. }
 Sdg. Mch. _____ Reel _____ Shot / Lead _____ lbs.
 Turns _____ Cor'n _____ Depth _____ fms.
 Sdg. Cup _____ Amt. Bot'm Sample _____
 Character of Bottom _____
 Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem _____
 Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }
 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 _____

Recorder _____

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				
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				3200				
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				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
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				4600				
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				4800				
				4900				