H5919

(4) 5919

~~Dredge~~ Hydrog. No. 5916 Date, July 23, 1925

Sdg. Mch. Elect Reel Elect Shot Lead 50 lbs.

Turns Cor'n Depth 93 fms.

Sdg. Cup Arming (soft) Amt. Bot'm Sample

Character of Bottom clean lead

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

Bottom Reading Cor'd Temp.

Temp. Surf. 55.0 Time 5:14 Time Air 62.0

Density: Surf. fms.

Wind: Direction N.W. Force 4

Baromet. 30.26 Amt. of Clouds 4 State of Sea M.

Weather Log.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor light bears N77½°E (true) distant 30+ miles

Chart used: No. 6400 Ed'n 29.8

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder C.E. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			---- M.	DOWN.		UP.	---- M.	
5	10	05	5	12	15	0						
5	10	40	5	11	05	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						1600						
						1700						
						1800						
						1900						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(5) 5920

~~Dredge~~ Hydrog. No. 5917 Date, July 23, 1915

Sdg. Mch. Elect Reel Elect ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 99 fms.

Sdg. Cup Army (off roof) Amt. Bot'm Sample

Coarse

Character of Bottom Gravel & black sand some mud

Thermom. Make fine gr S gr Shale grain Cor'n Instr.

No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 55 Time 5.21 Air 61°

Time

Density: Surf. fms.

Wind: Direction N.W. Force 4

Baromet. 30.26 Amt. of Clouds 4 State of Sea M

Weather bcz

Direction and Force of Current. Surface

Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N ~~78~~ 77⅓° E (true) distant ~~31.1~~ 30.8 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder Blaker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.	---- M.			---- M.	DOWN.		UP.	---- M.	
2	18	20	2	20	55	0						
2	19	00	2	19	30	99 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3100						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(6) 5921

~~Dredge~~ Hydrog. No. ~~5916~~ Date, July 23, 1915

Sdg. Mch. Elect Reel Elec ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 111 fms.

Sdg. Cup Trewg (soft soap) Amt. Bot'm Sample

Character of Bottom for (Black) sand - fine gravel gn

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 5.32 Time Air 61°

Density: Surf. fms.

Wind: Direction NW Force 4

Baromet. 30.26 Amt. of Clouds 4 State of Sea 2N

Weather bcy

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N ~~78°~~ 77 2/3° E (true) distant ~~32.1~~ 31.8 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder Blaker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M.	Down.		Up.	P	M.		M.	Down.		Up.	M.
5	30	35	5	32	55	0						
5	31	20	5	31	25	111 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4800						
						4900						

(7) 5922

~~Dredge~~ Hydrog. No. ~~5919~~ Date, July 23, 1915

Sdg. Mch. Elect Reel Elec ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 203 fms.

Sdg. Cup Arming Soft soap Amt. Bot'm Sample

Character of Bottom Fine sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 5.46 Time Air 60°

Density: Surf. fms.

Wind: Direction NW Force 4

Baromet. 30.26 Amt. of Clouds 4 State of Sea M

Weather bcy

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N 78½° E (true) distant ~~33.1~~ 32.8 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder Bloker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.	---- M.			---- M.	DOWN.		UP.	---- M.	
2	42	20	5	46	55	0						
2	43	00	5	45	20	100						
2	43	40	5	44	10	200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(8) 5923

~~Dredge~~ Hydrog. } No. ~~5920~~ Date, July 23, 1915

Sdg. Mch. Elect Reel Elec ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 124 fms.

Sdg. Cup Prung (soft sap) Amt. Bot'm Sample

Character of Bottom Fine (black) sand
crs Hd S, Mica gn

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 6.02 / Time } Air { 60°

Density: Surf. fms.

Wind: Direction NW Force ↓

Baromet. 30.26 Amt. of Clouds ↓ State of Sea M

Weather bay

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N 80° E (true) distant ~~32.1~~ miles

Chart used: No. 6400 Ed'n 31.8

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder Bloker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
[illegible] M.	DOWN.		UP.	[illegible] M.			---- M.	DOWN.		UP.	---- M.	
5	58	15	6	00	50	0						
5	58	55	5	59	20	100						
5	59	05	5	59	10	1~~74~~200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						4000						
						4100						
						4200						
						4300						
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						4700						
						4800						
						4900						

(9)

5924

~~Dredge~~ Hydrog. } No. ~~5927~~ Date, July 23, 1915

Sdg. Mch. Elec Reel Elec ~~Shot~~ Lead } 50 lbs.

Turns Cor'n Depth 99 fms.

Sdg. Cup Arung (soft soap) Amt. Bot'm Sample fine gy S

Character of Bottom Gravel ~~fine~~ & coarse gran gy Shel & black sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 6.12 Time } Air { 61°

Density: Surf. fms.

Wind: Direction NW Force 4

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

Weather bcy

Direction and Force of Current. { Surface Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears N ~~80½°~~ 82½° E (true) distant ~~31.0~~ 30.7 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder Bloker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.		___ M.		___ M. Down.			Up.		___ M.
6	10	30	6	12	35	0						
6	11	00	6	11	20	99 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
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						4600						
						4700						
						4800						
						4900						

(10) 5925

~~Dredge~~ Hydrog. No. 5925 Date, July 2, 19 15

Sdg. Mch. Elect Reel Elec ~~Shot~~ Lead 3 lbs.

Turns Cor'n Depth 95 fms.

Sdg. Cup Army Amt. Bot'm Sample

Character of Bottom fine (black) sand gn M gy Shells gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 628 Time Air 61°

Density: Surf. fms.

Wind: Direction NW Force 5

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

Weather hazy

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears N 84° E (True) distant 30.5 miles

Chart used: No. 6400 Ed'n 2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shipley Recorder Bunker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.	___ M.			____ M.	DOWN.		UP.	___ M.	
6	22	25	6	24	50	0						
6	23	00	6	23	10	95 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
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						2000						
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						2200						
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						2500						
						2600						
						2700						
						2800						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. } No. 8923 Date, July 23, 1915

Sdg. Mch. Elect Reel Elec Shot / Leads 80 lbs.

Turns Cor'n Depth 91 fms.

Sdg. Cup Amer. Soft 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 NW Force 4

Baromet. Amt. of Clouds 5 State of Sea 77

Weather Clear

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

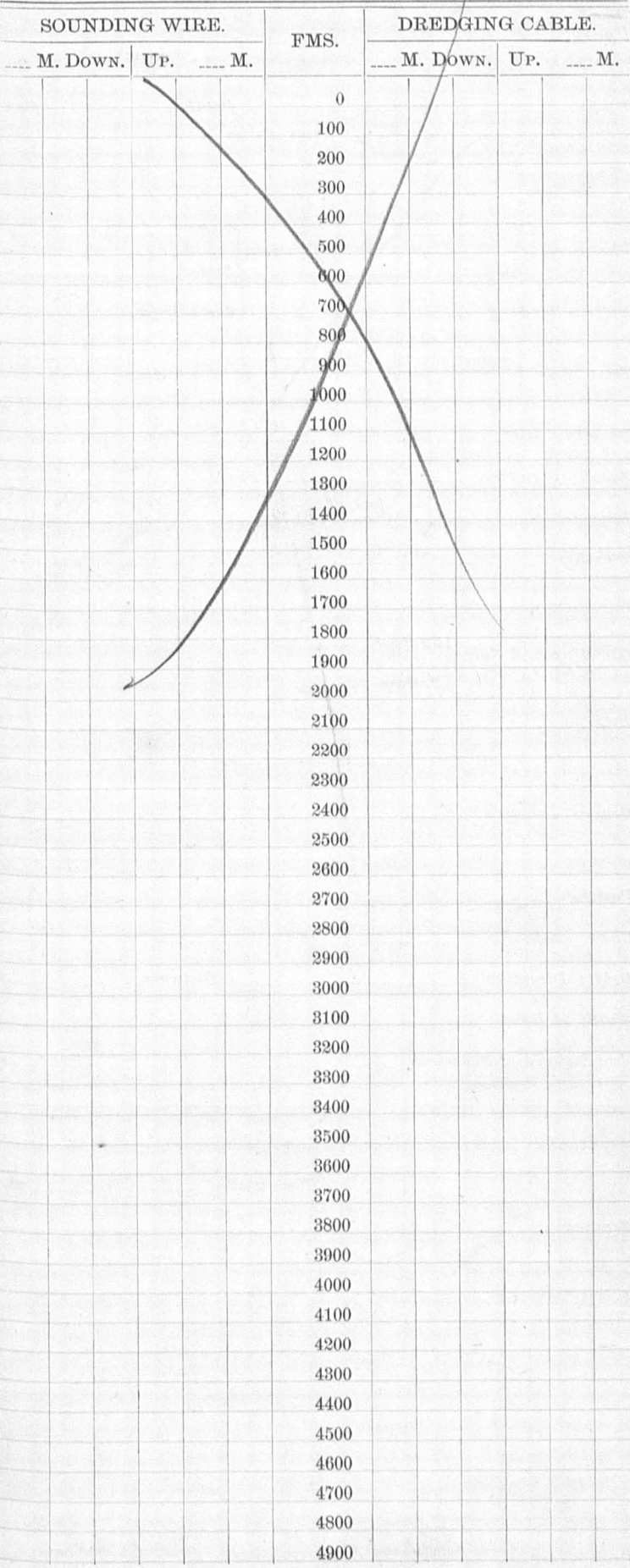
Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shipley Recorder Blaker

11—1023


SOUNDING WIRE.
FMS.
DREDGING CABLE.
M. DOWN.
UP.
M.
M. DOWN.
UP.
M.
0
100
200
300
400
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600
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2200
2300
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2900
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3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
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4900

(12)

~~Dredge~~ Hydrog. No. 5924 Date, July 23, 1915

Sdg. Mch. Elect Reel Elec ~~Shot~~ Lead 80 lbs.

Turns Cor'n Depth fms.

Sdg. Cup Arrow (soft soap) 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 NW Force 4

Baromet. Amt. of Clouds 5 State of Sea M

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

Time towing h. m.

Remarks:

Deck Officer Mr Shepley Recorder Bloker

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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			1900			
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			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			

13

~~Dredge~~ / Hydrog. No. 5925 Date, July 2, 1915

Sdg. Mch. Elect Reel Elec Shot / Lead 30 lbs.

Turns Cor'n Depth fms.

Sdg. Cup Armington & Sims 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 NW Force 4

Baromet. Amt. of Clouds 5 State of Sea 3

Weather hazy

Direction and Force of Current. Surface

Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shipley Recorder Blake

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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			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(1) 5926

Dredge / Hydrog. No. 5923 Date, July 23, 1915

Sdg. Mch. Elect Reel Elect Shot / Lead 30 lbs.

Turns Cor'n Depth 91 fms.

Sdg. Cup Arming slightly Amt. Bot'm Sample

Character of Bottom gn M, S, fne gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 6:41 Time Air 67°

Density: Surf. fms.

Wind: Direction N.W. Force 4

Baromet. 30.25 Amt. of Clouds 4 State of Sea M

Weather hcy

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears N 85° E (true) distant 30.0 mile

Chart used: No. 6400 Ed'n 29.7

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	DOWN.		UP.		M.		___ M.	DOWN.		UP.		___ M.
6	36	50	6	39	00	0						
6	37	30	6	37	35	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(17) 5927

~~Dredge~~ Hydrog. } No. 5924 Date, July 23, 1915

Sdg. Mch. Elect Reel Elect ~~Shot~~ Lead } 30 lbs.

Turns _____ Cor'n _____ Depth 88 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample _____

Character of Bottom gn. M.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 53° Time 6:55 P. Time _____ } Air { 61° _____

Density: Surf. _____ _____ fms. _____

Wind: Direction N.W. Force 4

Baromet. 30.25 Amt. of Clouds 4 State of Sea M.

Weather bcz

Direction and Force of Current. { Surface _____ Bottom _____

Tide _____

General Locality off Washington coast

Position Grays Harbor Light bears N 86° E (true) distant 29.5 miles

Chart used: No. 6400 Ed'n 2

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Shepley Recorder C. E. DeLong

11—1028

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SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			___ M.	Down.		Up.	___ M.	
6	49	55	6	52	30	0						
6	50	50	6	51	20	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(13) 5928

~~Dredge~~ Hydrog. } No. 5925 Date, July 23, 1915

Sdg. Mch. Elect Reel Elect ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 90 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom gm M; (blue shale) fm gy S
Mica

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time / Time } Air { 60°

Density: Surf. fms.

Wind: Direction N. W. Force 4

Baromet. 30.24 Amt. of Clouds .3 State of Sea M.

Weather bcz.

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N87½°E (true) distant 30.2 miles

Chart used: No. 6400 Ed'n 0

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shepley Recorder C. E. DeLong

11—1023

164

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			___ M.	Down.		Up.	___ M.	
7	03	15	7	05	35	0						
7	04	00	7	04	30	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(4) 5929

~~Dredge~~ / Hydrog. No. 6-926 Date, July 23, 1915

Sdg. Mch. Elect Reel Elect ~~Shot~~ / Lead 30 lbs.

Turns ____ Cor'n ____ Depth 90 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample ____

Character of Bottom blue shale

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 63° Time 7:19 P Time ____ Air 60°

Density: Surf. ____ ____ fms.

Wind: Direction N. W. Force 4

Baromet. 30.24 Amt. of Clouds 4 State of Sea M.

Weather hazy

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Off Washington coast

Position Grays Harbor Light bears N 88° E (true) distant 31.2 mile

Chart used: No. 6400 Ed'n 30.9

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer W. Shepley. Recorder C. E. DeLong

11—1023

166

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			____ M.	DOWN.		UP.	____ M.	
7	16	15	7	17	25	0						
7	16	00	7	16	15	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

(15) 5930

~~Dredge~~ / ~~Hydrog.~~ No. 5929 Date, July 23, 1915

Sdg. Mch. Elect Reel Elect ~~Shot~~ / Lead 30 lbs.

Turns Cor'n Depth 94 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine (coarse) sand; bl shale

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 7:32 P / Time } Air { 60° / }

Density: Surf. fms.

Wind: Direction N. W. Force 4

Baromet. 30.24 Amt. of Clouds 4 State of Sea M.

Weather hazy.

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N89°E (true) distant 32.2 miles

Chart used: No. 6400 Ed'n 31.9

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Wm Shepley Recorder C. E. DeLong

11—1023

172

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.		___ M.
7	27	40	7	29	50	0						
7	28	15	7	28	40	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						

(16) 5931

~~Dredge~~ Hydrog. No. C-928 Date, July 23, 1915

Sdg. Mch. Electric Reel Electric ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 111 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine gray S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 7.44 P Time Air 60°

Density: Surf. fms.

Wind: Direction N.W. Force 4

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

Weather hcy.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears E (true) distant ~~33.3~~ 32.9 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder C. E. DeLong

204

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			___ M.	DOWN.		UP.	___ M.	
7	39	40	7	42	20	0						
7	40	50	7	40	56	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
						4200						
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						4800						
						4900						

(17) 5932

~~Dredge~~ / Hydrog. No. 5929 Date, July 23, 1915

Sdg. Mch. Electric Reel Elect ~~Shot~~ / Lead 30 lbs.

Turns Cor'n Depth 279 fms.

Sdg. Cup Armington & Sims Amt. Bot'm Sample

Character of Bottom blue (M.) small gravel Shale Rky

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

Bottom Reading Cor'd Temp.

Temp. Surf. 63° Time 7:57 Time Air 60°

Density: Surf. fms.

Wind: Direction N.W. Force 4

Baromet. 30.21 Amt. of Clouds 2 State of Sea M

Weather hcy

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S89°E (true) distant ~~34.3~~ 33.7 mile

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shepley Recorder C.E.D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			---- M.	Down.		Up.	---- M.	
7	52	00	7	57	15	0						
7	54	05	7	54	10	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
						4200						
						4300						
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						4600						
						4700						
						4800						
						4900						

(1) 5933

~~Dredge~~ Hydrog. No. ~~5930~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Ele ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 88 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom for (Green) sand + gn mud
gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8:36 Air 61°
Time

Density: Surf. fms.

Wind: Direction W-N-W Force 2

Baromet. 30:30 Amt. of Clouds 10 State of Sea G

Weather Oc.

Direction and Force of Current. Surface
Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N 84° E (true)

Chart used: No. 6400 Ed'n distant ~~29.2~~ 28.7 miles

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassidy Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. DOWN.			UP.	A M.			___ M. DOWN.			UP.	___ M.	
P	31	20	8	33	15	0						
8	31	50	8	31	55	88 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(2)

~~Dredge~~ Hydrog. No. ~~5931~~ 5934 Date, July 24, 1915

Sdg. Mch. Electric Reel Ele Shot Lead 30 lbs.

Turns Cor'n Depth 93 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fm Gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8:51 Time Air 61°

Density: Surf. fms.

Wind: Direction W-N-W Force 2

Baromet. 30:80 Amt. of Clouds 10 State of Sea G

Weather Oc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N83°E (true) distant ~~30.9~~ 29.8 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Cassidy Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	Down.		Up.	A M.			___ M.	Down.		Up.	___ M.	
8	48	00	8	49	53	0						
8	48	35	8	48	38	93 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

③ 5935

~~Dredge.~~ Hydrog. } No. 5932 Date, July 24, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 98 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine Gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 8:54 / Time } Air { 61°

Density: Surf. fms.

Wind: Direction W-N-W Force 2

Baromet. 30:30 Amt. of Clouds 10 State of Sea G

Weather Oc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N ~~82½°~~ 82⅔° E (true) distant 30.~~7~~ 2 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassidy Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				M. Down.			Up. M.		
8	50	45	8	52	35	0						
8	51	17	8	51	20	98 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
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						4000						
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						4500						
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						4800						
						4900						

(4) 5936

~~Dredge~~ Hydrog. No. 5933 Date, July 24, 19 15

Sdg. Mch. Electric Reel Felt Shot Lead 30 lbs.

Turns Cor'n Depth 99 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom H M (Shale - blue clay - sand)

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 9:02 Time Air 60°

Density: Surf. fms.

Wind: Direction W-N-W Force 2

Baromet. 30.30 Amt. of Clouds 10 State of Sea G

Weather Qc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N 82 1/2° E (true) distant ~~31.2~~ 30.6 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassidy Recorder Barker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.	A M.			---- M. Down.			Up.	---- M.	
8	59	00	9	01	00	0						
8	59	35	8	59	40	99 ~~100~~						
						200						
						300						
						400						
						500						
						600						
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						4800						
						4900						

(5) 5937

Dredge / Hydrog. No. ~~5934~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot / Lead 30 lbs.

Turns Cor'n Depth 111 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom (gray) ~~black~~ sand crs + fine gn

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 9:11 / Time Air 60°

Density: Surf. fms.

Wind: Direction W-N-W Force 2

Baromet. 30:30 Amt. of Clouds 10 State of Sea G

Weather Oc.

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N ~~81½°~~ 82° E (true) distant 31.~~7~~ 1 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Cassidy Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.	A	M.		___ M. Down.			Up.		___ M.
9	07	45	9	09	50	0						
9	08	26	9	08	28	111 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

(6)

~~Dredge~~ Hydrog. } No. ~~5935~~ 5938 Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot Lead } 30 lbs.

Turns Cor'n Depth 107 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine (Gray) sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 9:23 / Time } Air { 60°

Density: Surf. fms.

Wind: Direction W-N-W. Force 2

Baromet. 30:30 Amt. of Clouds 10 State of Sea G

Weather Oc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N ~~82½°~~ 82⅔° E (true) distant 31.5 miles

Chart used: No. 6400 Ed'n 0

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassidy Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M.	Down.	Up.	A	M.		___	M.	Down.	Up.	___	M.
9	20	05	9	22	10	0						
9	20	43	9	20	45	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4900						

(7) 5939

~~Dredge~~ Hydrog. } No. ~~5936~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 100 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine (black) sand + (shell) gn gran shal

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 9:33 / Time } Air { 60°

Density: Surf. fms.

Wind: Direction W.N.W Force 2

Baromet. 30:30 Amt. of Clouds 10 State of Sea G

Weather Oc.

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N 83°E (true) 83⅓°

Chart used: No. 6400 Ed'n distant 31.5 mile

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassidy Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. DOWN.		UP.	A	M.		----	M. DOWN.		UP.	----	M.
9	29	00	9	31	40	0						
9	29	40	9	29	45	100 ~~400~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

(8) 5940

Dredge / Hydrog. No. ~~5937~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elfs Shot / Lead 30 lbs.

Turns Cor'n ECKMAN-WATER BOTTLE = 87 fms. Depth 98 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine (black) sand gn.

Thermom. Make No. 44.4 Cor'n Instr. Stem.

ECKMAN-W.B. R. 44.4 / L. 44.7 Bottom Reading Cor'd Temp. 44.7 R-138

Temp. Surf. 52° Time 9:42 Air 60°

ECKMAN-W.B. 58° surface Time

Density: Surf. fms.

Wind: Direction W.N.W Force 2

Baromet. 30:30 Amt. of Clouds 10 State of Sea G

Weather Oc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears N 84° E (true) distant 31.5 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

#1 Dory left 9:45:25 AM = retd 12:58 p

#2 Dory left 9:50:15 AM = retd. 12:47 p.

Vertical haul 4 ft. iter. #12 + #20 sent down to 93 fms.

Deck Officer Mr Cassidy Mr. Glick. Recorder Parker Strikit

11—1023

SOUNDING WIRE. A— M. Down.			Up. A— M.			FMS.	DREDGING CABLE. —— M. Down.			Up.		—— M.
9	34	10	9	41	00	0						
9	34	42	9	34	46	98 ~~100~~						
						200						
						300						
ECKMAN			W.B.			0 ~~400~~						
9	55	00	10	09	20	0 ~~500~~						
9	57	00	10	07	40	87 ~~600~~						
						700						
						800						
sent message down						900						
at 10:07:05						1000						
						1100						
						1200						
VERTICAL - HAUL						~~1300~~						
10	26	55	10	34	45	0 ~~1400~~						
10	29	50	10	30	17	93 ~~1500~~						
						1600						
		93 fms				1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
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						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(9)

Dredge / Hydrog. No. ~~5938~~ 5941 Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot / Lead 30 lbs.

Turns Cor'n Depth ~~0~~ 230 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom no bottom at 230 fms

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 2:01 p / Time Air 63°

Density: Surf. fms.

Wind: Direction NNW Force 3

Baromet. 30.31 Amt. of Clouds 10 State of Sea 2

Weather 0

Direction and Force of Current. Surface / Bottom

Tide

General Locality off Washington coast

Position Grays Harbor Light bears S87°E (true) distant 31.~~9~~ 3 mile

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Frankil

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
M.	Down.		Up.	M.		M.	Down.		Up.	M.	
1	54	09	1	54	00	0					
1	54	49	1	54	50	~~100~~ 230					
						200					
						300					
						400					
						500					
						600					
						700					
						800					
						900					
						1000					
						1100					
						1200					
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						4300					
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						4500					
						4600					
						4700					
						4800					
						4900					

(10) 5942

Dredge / Hydrog. No. 5939 Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot / Lead 30 lbs.

Turns Cor'n Depth 93 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom (67 gn) M fne (S) fne gn S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 2:12 p / Time Air 63°

Density: Surf. fms.

Wind: Direction WNW Force 3

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

Weather 0

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 85° E (true) distant ~~32.1~~ 31.5 mile

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
∞ M. Down.			Up.	∞ M.			---- M. Down.			Up.	---- M.	
2	07	10	2	10	40	0						
2	08	30	~~2~~	08	35	93 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3700						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

(11)

~~Dredge~~ Hydrog. No. ~~5940~~ 5943 Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot Lead 30 lbs.

Turns Cor'n Depth 93 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom clean lead.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 2:23 P Time Air 63°

Density: Surf. fms.

Wind: Direction WNW Force 3

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

Weather 0

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S83°E (true) distant ~~32.5~~ miles

Chart used: No. 6400 Ed'n 31.9

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.	---- M.			---- M.	DOWN.		UP.	---- M.	
2	19	50	2	21	40	0						
2	20	20	2	20	25	93 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
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						4000						
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						4800						
						4900						

(12)

5944

~~Dredge~~ Hydrog. } No. ~~5941~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot Lead } 30 lbs.

Turns Cor'n Depth 93 fms.

Sdg. Cup Arming (soft cup) Amt. Bot'm Sample

Character of Bottom gn TT fine gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 2:35 P. / Time } Air { 63°

Density: Surf. fms.

Wind: Direction WNW Force 3-4

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

Weather 0

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 81½° E (true) distant ~~33.0~~ miles 32.5

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
[illegible] M.		DOWN.	UP.	[illegible] M.			____ M.		DOWN.	UP.	____ M.	
2	31	25	2	33	30	0						
2	32	00	2	32	05	95 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						4800						
						4900						

(13)

~~Dredge~~ Hydrog. No. ~~5942~~ 5945 Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot Lead 30 lbs.

Turns Cor'n Depth 93 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom (gn M bk S) fne G. fnegy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 2:48 p Time Air 63°

Density: Surf. fms.

Wind: Direction WNW Force 3-4

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

Weather overcast.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 80° E (true) distant 33.0 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			___ M. Down.			Up.	___ M.	
2	43	20	2	46	30	0						
2	43	45	2	45	00	93 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

(14)

~~Dredge~~ Hydrog. No. ~~5943~~ 5946 Date, July 24, 1915

Sdg. Mch. Electric Reel Ele ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 91 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom (LT TT) bl Shale as blds fine gms

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 3:00 P Time Air 62°

Density: Surf. fms.

Wind: Direction WNW Force 3

Baromet. 30.30 Amt. of Clouds 10 State of Sea TT

Weather 0

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 78½° E (true)

Chart used: No. 6400 Ed'n distant ~~34.1~~ 33.8 miles

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			___ M.	Down.		Up.	___ M.	
2	56	30	2	58	35	0						
2	57	00	2	57	05	91 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
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						4700						
						4800						
						4900						

(15)

5947

Dredge / Hydrog. } No. ~~5944~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 86 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom G. 6 TT cs bld S, fine gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 3:12 P / Time } Air { 62° }

Density: Surf. fms.

Wind: Direction WNW Force 3

Baromet. 30.30 Amt. of Clouds 10 State of Sea JT

Weather 0

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 77° E (true) distant ~~34.8~~ 34.3 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Jr. Ghik Recorder Gratiel

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			____ M.	Down.		Up.	____ M.	
3	08	00	3	10	00	0						
3	09	35	3	08	40	~~100~~ 86						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						4000						
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						4700						
						4800						
						4900						

(16) 5948

~~Dredge~~ Hydrog. } No. ~~5945~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elect ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 88 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom Gr M Co gn M fne gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 3:24 p / Time } Air { 62°

Density: Surf. fms.

Wind: Direction WNW Force 3-4

Baromet. 30.30 Amt. of Clouds 9 State of Sea M

Weather bc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 76° E (true) distant 35.~~6~~ 2 mile

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Strukil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.		P M.		___ M.	Down.		Up.		___ M.
3	21	00	3	23	00	0						
3	21	40	3	21	15	80 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
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						4000						
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						4800						
						4900						

(17) 5949

~~Dredge~~ Hydrog. No. 5946 Date, July 24, 1915

Sdg. Mch. Electric Reel El. ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 96 fms.

Sdg. Cup Arming (Sft Soap) Amt. Bot'm Sample

Character of Bottom Co (bl) M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 3:38 p. Time Air 62°

Density: Surf. fms.

Wind: Direction WNW Force 3-4

Baromet. 30.30 Amt. of Clouds 9 State of Sea M

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 75½° E (true) distant 36.8 miles

Chart used: No. 6400 Ed'n 2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Arnkil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.	M.		___ M.	Down.		Up.		___ M.
3	34	20	3	36	15	0						
3	34	55	3	35	00	96 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4800						
						4900						

(18) 5950

~~Dredge~~ Hydrog. No. 5947 Date, July 24, 1915

Sdg. Mch. Electric Reel El. ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 147 fms.

Sdg. Cup Arming (Sft Soap) Amt. Bot'm Sample

Character of Bottom ~~fine~~ 6 to S G fine gy S, gran Shale

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 3:52 P Time Air 62°

Density: Surf. fms.

Wind: Direction WNW Force 3-4

Baromet. 30.30 Amt. of Clouds 9 State of Sea N

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 74½°E (true) distant 37.0 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Fuse blew, just as going to heave in.

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			____ M.	Down.		Up.	____ M.	
3	46	45	3	51	35	0						
3	47	40	3	49	40	147 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
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						3200						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(19) 5957

~~Dredge~~ / Hydrog. No. 5948 Date, July 24, 1915

Sdg. Mch. Electric Reel El. ~~Shot~~ / Lead 30 lbs.

Turns ____ Cor'n ____ Depth 246 fms.

Sdg. Cup Arming (Soft Soap) Amt. Bot'm Sample ____

Character of Bottom No bottom at 246 fms

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. { 53° Time 4:11 P / ____ Time ____ } Air 62

Density: Surf. ____ fms. ____

Wind: Direction W-N-W Force 4

Baromet. 30.29 Amt. of Clouds 8 State of Sea M

Weather hz.

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

Tide ____

General Locality Off Washington Coast

Position Grays Harbor Light bears S 73° E (true) distant ~~37.3~~ 36.9 mile

Chart used: No. 6400 Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: No bottom at 246 fms

Deck Officer Mr Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			---- M.	Down.		Up.	---- M.	
4	04	57	4	09	55	0						
4	06	50	4	07	00	~~0~~ 246 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(20) 5952

~~Dredge~~ Hydrog. No. ~~5949~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot Lead 30 lbs.

Turns Cor'n Depth 0/242 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom No bottom at 242 fms

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53 Time 4:28 Time Air 62

Density: Surf. fms.

Wind: Direction W-N-W Force 4

Baromet. 30:28 Amt. of Clouds 8 State of Sea M

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears S 71½° E (true) distant ~~37.3~~ 36.9 mile

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: No bottom at 242 fms

Deck Officer Mr. Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			....M.	Down.		Up.	....M.	
4	21	40	4	26	30	0						
4	23	22	4	23	25	0 242 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(21) 5953

~~Dredge~~ Hydrog. } No. ~~5950~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 126 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine (Gray) sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 4:43 / Time } Air { 62

Density: Surf. fms.

Wind: Direction W-N-W Force 4

Baromet. 30:27 Amt. of Clouds 8 State of Sea M

Weather bc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 70½° E (true) distant 36.0 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			M.	Down.		Up.		M.
4	38	48	4	41	23	0						
4	39	40	4	39	50	126 100						
						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						

(22) 5954

Dredge / Hydrog. } No. 5954 Date, July 24, 1915

Sdg. Mch. Electric Reel Select Shot / Lead } 30 lbs.

Turns Cor'n Depth 90 fms.

Sdg. Cup Armington soap Amt. Bot'm Sample

Character of Bottom Green mud and gravel foggy

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 4:57 / Time } Air { 62° }

Density: Surf. fms.

Wind: Direction W-N-W Force 4

Baromet. 30.27 Amt. of Clouds 8 State of Sea M

Weather hc

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S69½°E (true) distant ~~37.5~~ 35.3 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shipley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M.	Down.	Up.	P.	M.		----	M.	Down.	Up.	----	M.
4	52	53	4	55	15	0						
4	53	22	4	53	26	90 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(23) 5955

Dredge / Hydrog. } No. ~~5952~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot / Lead } 30 lbs.

Turns Cor'n Depth 88 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine (gn) S gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 5:11 P / Time } Air { 62°

Density: Surf. fms.

Wind: Direction W-N-W Force 4

Baromet. 30:26 Amt. of Clouds 8 State of Sea M

Weather bc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S68°E (true) distant 36.0 mile

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder [signature]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	DOWN.		UP.	P.M.			----M.	DOWN.		UP.	----M.	
5	07	10	5	09	25	0						
5	07	45	5	08	00	88 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(24)

~~Dredge~~ Hydrog. No. ~~5953~~ 5956 Date, July 24, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 87 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fm gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 520 Time 5.24 p Time Air 630

Density: Surf. fms.

Wind: Direction WNW Force 4

Baromet. 30.26 Amt. of Clouds 8 State of Sea TT

Weather bcz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S67°E (true) distant ~~37.0~~ 36.5 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			___ M.	DOWN.		UP.	___ M.	
5	20	40	5	22	30	0						
5	21	05	5	21	10	88 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(25) 5957

~~Dredge~~ Hydrog. No. ~~5954~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 91 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom crs & fm Gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 5:38 p Time Air 63°

Density: Surf. fms.

Wind: Direction W. x S Force 4

Baromet. 30.26 Amt. of Clouds 8 State of Sea 75

Weather bcy

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears S ~~66½~~ 66¼° E (true) distant 37.~~9~~ 4 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.		P. M.		---- M. Down.			Up.		---- M.
5	35	17	5	36	58	0						
5	35	47	5	35	50	9/~~400~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(26) 5958

~~Dredge~~ Hydrog. No. ~~5955~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot Lead 30 lbs.

Turns Cor'n Depth 98 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine Gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 5:51 Time Air 63°

Density: Surf. fms.

Wind: Direction W x S Force 4

Baromet. 30:26 Amt. of Clouds 8 State of Sea M

Weather bcg

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 65½° E (true) distant 38.8 mile

Chart used: No. 6400 Ed'n 2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			---- M.	Down.		Up.	---- M.	
5	47	50	5	49	35	0						
5	48	20	5	48	25	98 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(27) 5959

~~Dredge~~ Hydrog. } No. ~~5956~~ Date, July 24, 1915

Sdg. Mch. Electric Reel Elec Shot Lead } 30 lbs.

Turns Cor'n Depth 105 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample cos & fine gy S

Character of Bottom (Blue mud) and gravel.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 6:07 Time } Air { 62°

Density: Surf. fms.

Wind: Direction W x S Force 3-4

Baromet. 30:28 Amt. of Clouds 10 State of Sea M

Weather Coz.

Direction and Force of Current. { Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S ~~65~~ 64 3/4° E (true) distant 39.~~7~~ 1 mile

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Clutch did not work good

Deck Officer Mr Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P___ M.	Down.		Up.	P___ M.			___ M.	Down.		Up.		___ M.
6	00	43	6	04	30	0						
6	01	18	6	01	21	105 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						3900						
						4000						
						4100						
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						4500						
						4600						
						4700						
						4800						
						4900						

(28) 5960

Dredge / Hydrog. No. 5957 Date, July 24, 19 15

Sdg. Mch. Electric Reel Elect Shot / Lead 30 lbs.

Turns Cor'n Depth 217 fms.

Sdg. Cup Amm[illegible] Amt. Bot'm Sample

Character of Bottom fine Gray sand gn m

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 6:23 Time Air 62

Density: Surf. fms.

Wind: Direction W x S Force 3-4

Baromet. 30.28 Amt. of Clouds 10 State of Sea M

Weather Ocy

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S 64° E (true) distant 40.0 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shipley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			___ M.	Down.		Up.	___ M.	
6	17	15	6	2	28	0						
6	18	38	6	18	42	2100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
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						4200						
						4300						
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						4600						
						4700						
						4800						
						4900						

①

Dredge / Hydrog. No. 5961 Date, July 26, 1915

Sdg. Mch. Electric Reel El. Shot / Lead 30 lbs.

Turns Cor'n Depth 96 fms.

Sdg. Cup Arming (5 ft. Sp.) Amt. Bot'm Sample

Character of Bottom Md Bottom; fine (gy) S blk Sh

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 1:11 P Time Air 60°

Density: Surf. fms.

Wind: Direction SbyE Force 2

Baromet. 30.15 Amt. of Clouds 10 State of Sea 2

Weather Obs

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S62°E (true) distant ~~51.0~~ 35.6 mile

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassidy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			M.	Down.		Up.		M.
1	07	30	1	09	45	0						
1	08	10	1	08	15	96~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3600						
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						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(2)

Dredge / Hydrog. No. 5962. Date, July 26, 1915.

Sdg. Mch. Electric Reel El. Shot / Lead 30 lbs.

Turns ____ Cor'n ____ Depth 162 fms.

Sdg. Cup Tilling (soft Grays) Amt. Bot'm Sample ____

Character of Bottom blk M (fine & coa S)

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 52° Time 1:28 P Time ____ Air 60°

Density: Surf. ____ ____ fms.

Wind: Direction S by E Force 2

Baromet. 30.14 Amt. of Clouds 10 State of Sea 1

Weather Dim

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Off Washington coast

Position Grays Harbor Light bears S62°E (true) distant 322 miles

Chart used: No. 6400 Ed'n 36?

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Mr. Cassidy Recorder Tilling

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			____ M.	Down.		Up.		____ M.
1	21	20	1	25	40	0						
1	22	30	1	28	30	1~~00~~						
						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)

~~Dredge~~ Hydrog. No. 5963 Date, July 26, 1915

Sdg. Mch. Electric Reel El. ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth ~~[illegible]~~ 0 fms.

Sdg. Cup Arming (Sft Soap) Amt. Bot'm Sample 200

Character of Bottom no bottom.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 1:44 p. Time Air 60°

Density: Surf. fms.

Wind: Direction S by E Force 2

Baromet. 30.13 Amt. of Clouds 10. State of Sea I.

Weather om

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S ~~61~~ 60½° E (true) distant ~~37.2~~ 36.8 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassidy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
[illegible] M.	Down.		Up.	[illegible] M.			---- M.	Down.		Up.	---- M.	
1	38	40	1	42	10	0						
1	40	40	1	40	45	~~75~~ 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(4)

~~Dredge~~ / Hydrog. No. 5964 Date, July 26, 1915

Sdg. Mch. Electric Reel E1 ~~Shot~~ / Lead 30 lbs.

Turns ____ Cor'n ____ Depth ~~147~~ 200 fms.

Sdg. Cup ____ Amt. Bot'm Sample armin (soft soap)

Character of Bottom No bottom

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 52° Time ____ Time ____ Air 60°

Density: Surf. ____ fms. ____

Wind: Direction S by E Force 1-2

Baromet. 30.13 Amt. of Clouds 10 State of Sea 1

Weather Om

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Off Washington coast

Position Grays Harbor Light bears S 59° E (true)

Chart used: No. 6400 Ed'n ____ distant ~~38.7~~ 37.0 miles

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: Checked R T D

Deck Officer Mr. Cassidy Recorder Smith

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.		____ M.	Down.		Up.	____ M.	
1	53	40	1	58	05	0					
1	55	00	1	55	20	~~100~~ 197					
						200					
						300					
						400					
						500					
						600					
						700					
						800					
						900					
						1000					
						1100					
						1200					
						1300					
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						3400					
						3500					
						3600					
						3700					
						3800					
						3900					
						4000					
						4100					
						4200					
						4300					
						4400					
						4500					
						4600					
						4700					
						4800					
						4900					

1.54.49
2 80

149 | 60
120 | 2
29

1-54-49
80

1-53-69 | 6

97
77
20

77 | 2
6 | 38
17 | 20
16 | 58
1

10 45 08