

H5824

507



SOUNDING WIRE.				FMS.	DREDGING CABLE.						
M. Down.	Up.	M.	M. Down.		Up.	M.					
1	22	25	1	36	00						
1	32	50	1	33	00	65	<del>100</del>				
						200					
						300					
						400					
						500					
						600					
						700					
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						1000					
						1100					
						1200					
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						4700					
						4800					
						4900					

19

Hydrog. No. 5825 Date, July 30, 1915

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

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 75 fms.

Sdg. Cup Arming (4ft Soap) Amt. Bot'm Sample \_\_\_\_\_

Character of Bottom gm m

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 54.0 Time 2:09 PM } Air { 64.0 } Time \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction NW Force 4-5

Baromet. 30.09 Amt. of Clouds 3 State of Sea II

Weather bc.

Direction and Force of Current { Surface \_\_\_\_\_ Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality off ~~the~~ Washington Coast

Position Grays Harbor Light bears S64 1/2° E (true) distant 30.8 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. Cassidy Recorder (A. T. Tuttle)

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
✓ M. Down.	Up.	✓ M.	..... M. Down.		Up.	..... M.	
2	04	2	06 10	0			
2	04	2	04 55	75			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
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				4000			
				4100			
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				4600			
				4700			
				4800			
				4900			



SOUNDING WIRE.						FMS.	DREDGING CABLE.		
M. Down.		Up.	M.				M. Down.	Up.	M.
2	13	50	2	25	35	0			
2	24	15	2	24	30	8/100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
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						2800			
						2900			
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						3900			
						4000			
						4100			
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						4300			
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						4500			
						4600			
						4700			
						4800			
						4900			





SOUNDING WIRE.					FMS.	DREDGING CABLE.		
M. Down.	Up.	M.				M. Down.	Up.	M.
2	41	40	2	42	50			
2	42	10	2	42	15	83		
					0			
					200			
					300			
					400			
					500			
					600			
					700			
					800			
					900			
					1000			
					1100			
					1200			
					1300			
					1400			
					1500			
					1600			
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					3800			
					3900			
					4000			
					4100			
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					4300			
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					4500			
					4600			
					4700			
					4800			
					4900			



SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.			M. Down.	Up.	M.
3 07 38	3	0200		0			
3 02 30	3	0000	88	100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
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				2100			
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				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
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				3900			
				4000			
				4100			
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				4800			
				4900			





(24)  
No. 5830 Date, July 20, 1915  
Sdg. Mch. Electric Reel E.L. Shot Lead lbs.  
Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 95 fms.  
Sdg. Cup Arming (Sft Samp) Amt. Bot'm Sample no sample  
Character of Bottom \_\_\_\_\_

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 54.0 Time 3:00 } Air { 60  
                  { \_\_\_\_\_ Time \_\_\_\_\_ } \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction NW Force 5

Baromet. 30.09 Amt. of Clouds 2 State of Sea 74

Weather bc

Direction and Force of Current { Surface \_\_\_\_\_  
  { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality Off Washington Coast

Position Gray Harbor Light bears  $S 65\frac{1}{2}^{\circ} E$  (true) distant 38.7 miles

Chart used: No. 6400 Ed'n 4

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_

Deck Officer Mr. Cassidy Recorder Ambil







SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		--- M. Down.	Up.	--- M.
3 05 00	3	08 30	0			
3 05 35	3	05 40	110 <del>100</del>			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1800			
			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			

(26)

Dredge } No. 5832 Date, July 20, 1915  
Hydrog. }  
Sdg. Mch. Electric Reel EL Shot } 20 lbs.  
Lead }  
Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth  $\frac{0}{295}$  fms.  
Sdg. Cup Arming (sft. samp) Amt. Bot'm Sample \_\_\_\_\_  
Character of Bottom \_\_\_\_\_

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 540 Time 3:25 } Air { 63°  
                  { \_\_\_\_\_ Time \_\_\_\_\_ }                    { \_\_\_\_\_ }

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction NW Force 5

Baromet. 30.07 Amt. of Clouds 2 State of Sea M

Weather bc

Direction and Force of Current { Surface \_\_\_\_\_  
  { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality off Washington Coast

Position Gray's Harbor Light bears S 65 1/2° E (true) distant 4.5 miles

Chart used: No. 6400 Ed'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks:  $\frac{0}{295}$

Deck Officer Mr. Cassidy Recorder Anttil

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
P.M. DOWN.		UP.	P.M.				M. DOWN.	UP.	M.
0	16	15	3	22	20	0			
3	14	00	3	14	50	<del>100</del>			
						275			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
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						3100			
						3200			
						3300			
						3400			
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						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
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						4500			
						4600			
						4700			
						4800			
						4900			

(27)

Dredge Hydrog. No. 5833 Date, July 20, 1915

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

Turns Cor'n Depth 93 fms.

Sdg. Cup Alving (Sft Sump) Amt. Bot'm Sample

Character of Bottom fine (black) sand, qnM, sh

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 3:49 } Air { 62°

Density: Surf. fms.

Wind: Direction N-W Force 5

Baromet. 30.06 Amt. of Clouds 1 State of Sea M

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Gray Harbor Light bears S 65 1/2 E (true) distant 3.7 miles

Chart used: No. 6400 Ed'n 38.5

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassidy Recorder Parker



Dredge } No. 5834 Date, July 20, 1915  
Hydrog. }

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

Turns Cor'n Depth 84 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom fine (black) sand, gm

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 4:09 } Air { -62 Time

Density: Surf. fms.

Wind: Direction N-W Force 5

Baromet. 30.06 Amt. of Clouds 1 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 63 1/2° E (true) distant 37.0 miles

Chart used: No. 6400 Ed'n 36,5

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Parker

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P.	M. Down.	Up.	P. M.		M. Down.	Up.	M.
4	05 48	4	07 35	0			
4	06 15	4	06 20	84 190			
				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			







30

Dredge } No. 5836 Date, July 20, 1915  
 Hydrog. }  
 Sdg. Mch. Electric Reel Shot 30 lbs.  
 Lead 74 fms.  
 Turns Cor'n Depth 74 fms.  
 Sdg. Cup Irving (soft soap) Amt. Bot'm Sample  
 Character of Bottom Green mud No sample

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

Bottom Reading Cor'd Temp.  
 Temp. Surf. { 54 Time 4:48 } Air { 62°  
 { Time }

Density: Surf. fms.  
 Wind: Direction N-W Force 5  
 Baromet. 30.06 Amt. of Clouds 1 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 61° E (true) distant 3.2 miles  
 Chart used: No. 6400 Ed'n 32.7

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Clutch on machine did not work good - lost time coming in

Deck Officer Mr. Glick Recorder Parker

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.	M. Down.		Up.	M.	
4 42 33	4 45 10			0			
4 43 00	4 43 20		74	100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
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				1700			
				1800			
				1900			
				2000			
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				2200			
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				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
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				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

(31)

Dredge } No. 5837 Date, July 20, 1915  
Hydrog. }  
Sdg. Mch. Electric Reel Shot 50 lbs.  
Lead 69

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 69 fms.

Sdg. Cup (Armstrong) Amt. Bot'm Sample \_\_\_\_\_

Character of Bottom fine (green) sand gn M  
Thermom. { Make \_\_\_\_\_ Cor'n { Instr. \_\_\_\_\_  
                  { No. \_\_\_\_\_                    { Stem. \_\_\_\_\_

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 54 Time 5:04 } Air { 63  
                  { \_\_\_\_\_ Time \_\_\_\_\_ }                    { \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction N-W Force 5

Baromet. 30.03 Amt. of Clouds 1 State of Sea M

Weather \_\_\_\_\_

Direction and Force of Current { Surface \_\_\_\_\_  
  { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality off Washington Coast

Position Gray Harbor Light bears S59 1/2° E (true) distant 3.5 miles

Chart used: No. 6400 Ed'n 30.0

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: see # 5836 clutch not working good

Deck Officer \_\_\_\_\_ Recorder \_\_\_\_\_

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.		M. Down.	Up.	M.
50010	50220		0			
50033	50040	69	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			4000			
			4100			
			4200			
			4300			
			4400			
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			4700			
			4800			
			4900			



SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.	--- M. Down.		Up.	--- M.	
5 18 30	5 21 50			0			
5 19 00	5 20 00			64 <del>100</del>			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
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				2700			
				2800			
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				3000			
				3100			
				3200			
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				3600			
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				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			



Dredge } No. 5839 Date, July 20, 1915  
Hydrog. }  
Sdg. Mch. Electric Reel El. Shot/Lead 30 lbs.  
Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 56 fms.

Sdg. Cup Arming (Sft. Soap) Amt. Bot'm Sample \_\_\_\_\_  
Character of Bottom fine Gray sand

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 54 Time 5:41 } Air { 62°  
                  { \_\_\_\_\_ Time \_\_\_\_\_ }                    { \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction N-W Force 4

Baromet. 30.03 Amt. of Clouds 1 State of Sea M

Weather h.c.

Direction and Force of Current { Surface \_\_\_\_\_  
  { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality Off Washington Coast

Position Gray Harbor Light bears S 55 1/2° E (true) distant 27.5 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. Glick Recorder Parker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		M. Down.	Up.	M.
5 38 14	5 39 55		0			
5 38 33	5 38 40	56	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			

(34)

Dredge } No. 5840 Date, July 20, 1915  
Hydrog. }

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

Turns Cor'n Depth 49 fms.

Sdg. Cup (Springfast) Amt. Bot'm Sample

Character of Bottom fine gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 6:02 } Air { 63 Time

Density: Surf. fms.

Wind: Direction N-W Force 3

Baromet. 30.03 Amt. of Clouds 1 State of Sea M

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Gray Harbor Light bears 55 3/4° E (true) distant 25.7 miles  
Chart used: No. 6400 Ed'n 5

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Parker

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P. M. Down.	Up.	P. M.			M. Down.	Up.	M.	
5 55 48	3	57 20		0				
5 56 05	5	56 08	49	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				



SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.	--- M. Down.		Up.	--- M.	
6 16 23	6	17 25		0			
6 16 40	6	16 50	48	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			







(37)

Dredge } No. 5843 Date, July 30, 1915  
 Hydrog. }  
 Sdg. Mch. Electric Reel Reel Shot Lead 30 lbs.  
 Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 37 fms.  
 Sdg. Cup \_\_\_\_\_ Amt. Bot'm Sample \_\_\_\_\_  
 Character of Bottom fine gray sand  
 Thermom. { Make \_\_\_\_\_ Cor'n { Instr. \_\_\_\_\_  
 { No. \_\_\_\_\_ { Stem. \_\_\_\_\_  
 Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_  
 Temp. Surf. { 54 Time 16:57 } Air { 62  
 { \_\_\_\_\_ Time \_\_\_\_\_ } { \_\_\_\_\_  
 Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_  
 Wind: Direction N-W Force \_\_\_\_\_  
 Baromet. 30.03 Amt. of Clouds 1 State of Sea M  
 Weather bc  
 Direction and Force of Current { Surface \_\_\_\_\_  
 { Bottom \_\_\_\_\_  
 Tide \_\_\_\_\_

General Locality Off Washington Coast

Position Gray's Harbor light bears S44°E (true) distant 20.7 mile  
 Chart used: No. 6400 Ed'n 5

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Deck Officer Mr. Shepley Recorder Parker

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P. M. Down.	Up.	P. M.			M. Down.	Up.	M.	
6 55 05		6 55 45		0				
6 55 20		6 55 25	37	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				



SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up. P. M.		M. Down.	Up.	M.
70702	70740	0			
70713	70714	29			
		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. 5845 Date, July 21, 1915  
Sdg. Mch. Elect Reel Elect Shot Lead 30 lbs.  
Turns Cor'n Depth 63 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample  
Character of Bottom gy M. fm gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 7:10 a } Air { 60°  
Time

Density: Surf. fms.

Wind: Direction W.N.W. Force 3

Baromet. 30.26 Amt. of Clouds 10 State of Sea G

Weather ocum

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction I. Light bears N28°E (true) distant 20.5 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  
11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
Q. M. Down.		Up.	Q. M.		M. Down.		Up.	M.
0615			0830	0				
0635			0740	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				

2

Hydrog. } No. 5546 Date, July 31, 1915

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

Turns Cor'n Depth 75 fms.

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

Character of Bottom gy. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 7:30 } Air { 60° Time

Density: Surf. fms.

Wind: Direction N.W. Force 3

Baromet. 30.26 Amt. of Clouds 10 State of Sea G.

Weather rcn

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears N 31 1/2° E (true) distant 21.5 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. Shepley Recorder C. E. Long

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A.M. Down.	Up.	A.M.		M. Down.	Up.	M.
7 24 45	7	27 05	0			
7 25 10	7	26 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			



③

Trawl Hydrog. } No. 5847 Date, July 24, 1915  
 Sdg. Mch. Elect Reel Elect Shot Lead } 30 lbs.  
 Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 249 fms.  
 Sdg. Cup (Arming soft soap) Amt. Bot'm Sample \_\_\_\_\_  
 Character of Bottom Clean lead

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 52.0 Time 7:50 a } Air { 60.0  
 { \_\_\_\_\_ Time \_\_\_\_\_ { \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction N. N. W. Force 3

Baromet. 30.26 Amt. of Clouds 10 State of Sea G.

Weather ocm.

Direction and Force of Current { Surface \_\_\_\_\_  
 { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality Off Washington Coast

Position Destruction Is. Light bears N 36° E (true) distant 22.7 miles  
 Chart used: No. 6400 Ed'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance 3

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_

Deck Officer Mrs. Shipleigh Recorder E. P. Long

11-1023



4  
Dredge } No. 5848 Date, July 21, 1918  
Hydrog. }  
Sdg. Mch. Elect Reel Elect Shot 30 lbs.  
Lead

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 290 fms.  
Sdg. Cup \_\_\_\_\_ Amt. Bot'm Sample \_\_\_\_\_  
Character of Bottom (Clean lead) gm/m

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_  
Temp. Surf. { 52° Time 8 Air { 60  
                  { \_\_\_\_\_ Time \_\_\_\_\_                 { \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction WNW Force 3

Baromet. 30.28 Amt. of Clouds 10 State of Sea 2

Weather Clear

Direction and Force of Current { Surface \_\_\_\_\_  
  { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality off Washington Coast

Position Destruction I. Light bears N37°E (true)

Chart used: No. 6400 distant 21.8 miles  
Ed'n 5

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_

Deck Officer Mr. Cassidy Recorder Blaker  
11-1023





SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.			M. Down.	Up.	M.
8	21 50	8	22 50	0			
8	22 15	8	22 30	80			
				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			

(6)

Trawl } No. 5850 Date, July 21, 1915  
Hydrog. }  
Sdg. Mch. Elect Reel Elect Shot 30 lbs.  
Lead

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 70 fms.  
Sdg. Cup Army (copy) Amt. Bot'm Sample \_\_\_\_\_  
Character of Bottom Green mud fgs

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_  
Temp. Surf. { 52 Time 8:30 am } Air { 60  
                  { \_\_\_\_\_ Time \_\_\_\_\_ } \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction WNW Force 3

Baromet. 30.28 Amt. of Clouds 10 State of Sea 5

Weather 00m

Direction and Force of Current { Surface \_\_\_\_\_  
  { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality Off Washington Coast

Position Destruction I. Light bears N41 1/2° E (true) distant 19.2 miles

Chart used: No. 6400 Ed'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Deck Officer McCarry Recorder Blaker







SOUNDING WIRE.				FMS.	DREDGING CABLE.		
<i>a</i> M. Down.	Up.	<i>a</i> M.	M. Down.		Up.	M.	
8 47 00	8 51 00			0			
8 47 30	8 47 40			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			

8

Hydrog. } No. 5852 Date, July 21, 1915

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

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 70 fms.

Sdg. Cup Army (soft) Amt. Bot'm Sample \_\_\_\_\_

Character of Bottom Green mud frags

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 53.0 Time 9.00 } Air { 60 } Time \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction 10 NW Force 3

Baromet. 30.29 Amt. of Clouds 10 State of Sea 4

Weather 003

Direction and Force of Current { Surface \_\_\_\_\_ Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality off Washington Coast

Position Destruction Is. Light bears N 48 1/2 E (true) distant 17.8 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 Blake

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.	M. Down.		Up.	M.	
85900	90112			0			
82920	85930	70		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			

19  
Dredge } No. 5853 Date, July 21, 1915  
Hydrog. }  
Sdg. Mch. Elect Reel Elect Shot 30 lbs.  
Lead

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 76 fms.  
Sdg. Cup \_\_\_\_\_ Amt. Bot'm Sample \_\_\_\_\_

Character of Bottom Green mud  
fggs  
Thermom. { Make \_\_\_\_\_ Cor'n { Instr. \_\_\_\_\_  
              { No. \_\_\_\_\_                 { Stem. \_\_\_\_\_

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 53° Time 9:15 } Air { 60  
                  { \_\_\_\_\_ Time \_\_\_\_\_ }         { \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction WNW Force 3

Baromet. 30.29 Amt. of Clouds 10 State of Sea 5

Weather Bcy

Direction and Force of Current { Surface \_\_\_\_\_  
  { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality Off Washington Coast

Position Destruction I. Light bears N47 1/2° E (true) distant 15.6 miles

Chart used: No. 6400 Ed'n 3

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_

Deck Officer Mr. Cassidy Recorder Blaker  
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9 14 00	9	15 10	0			
9 14 25	9	14 30	76-100			
			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			



SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9	24	30	0			
9	24	55	95			
			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			



11

Hydrog. No. 5855 Date, July 21, 1915

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

Turns Cor'n Depth 241 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom fm M fine gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52.0 Time 9:47 AM Air { 60.0

Density: Surf. fms.

Wind: Direction WNW Force 3

Baromet. 30.29 Amt. of Clouds 10 State of Sea 9

Weather 03

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction I. Light bears N51 1/2 E (True) distant 20.1 miles

Chart used: No. 6400 Ed'n 1918

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Cassidy Recorder J. H. K. 11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
A.M. Down.			Up. A.M.				M. Down.	Up.	M.
9	35	15	9	45	50	0			
9	36	45	9	36	50	24/100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
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						1000			
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						2800			
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						3000			
						3100			
						3200			
						3300			
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						3500			
						3600			
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						3900			
						4000			
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						4200			
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						4800			
						4900			

12  
Hydrog. No. 5856 Date, July 27, 1915  
Sdg. Mch. Fleet Reel E. Lee Shot Lead 30 lbs.  
Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 287 fms.  
Sdg. Cup \_\_\_\_\_ Amt. Bot'm Sample \_\_\_\_\_  
Character of Bottom 0/287

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 53° Time 9:59 a } Air { 60°  
                  { \_\_\_\_\_ Time \_\_\_\_\_ } \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction WNW Force 3

Baromet. 30.31 Amt. of Clouds 10 State of Sea 9.

Weather 3

Direction and Force of Current { Surface \_\_\_\_\_  
  { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality off Washington Coast

Position Destruction Is. Light bears N53 1/2° E (true) distant 21.0 miles

Chart used: No. 6400 Ed'n 20.8

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: 0/287 fms.

Deck Officer Mr. Cassidy Recorder J. T. Hill

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
A.M. Down.		Up.	P.M.				M. Down.	Up.	M.
9	51	40	9	57	20	0			
9	53	30	9	53	35	387			
						400			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
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						1700			
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						4000			
						4100			
						4200			
						4300			
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						4500			
						4600			
						4700			
						4800			
						4900			



SOUNDING WIRE.						FMS.	DREDGING CABLE.		
A.M. Down.			Up.	A.M.			M. Down.	Up.	M.
10	09	00	10	15	00	0			
10	11	00	10	11	05	400			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
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						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
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						4700			
						4800			
						4900			

14  
Trawl Hydrog. No. 5858 Date, July 21, 1915  
Sdg. Mch. Electric Reel Fl. Shot Lead 30 lbs.  
Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 246 fms.  
Sdg. Cup *arming (sft soap)* Amt. Bot'm Sample \_\_\_\_\_  
Character of Bottom *clean lead*

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 53° Time 10:33 } Air { 61°  
                  { \_\_\_\_\_ Time \_\_\_\_\_ }                    { \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction *WNW* Force *3*

Baromet. *30.31* Amt. of Clouds *10* State of Sea *9*

Weather *oz*

Direction and Force of Current { Surface \_\_\_\_\_  
  { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality *Off Washington Coast*

Position *Destruction Is. Light bears N58°E (true) distant 19.8 miles*

Chart used: No. *6400* Ed'n *6*

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: *Fuse blew off while hauling in; had to heave by hand part of the time.*

Deck Officer *Mr. Cassidy* Recorder *[Signature]*

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
M. Down.		Up.	M.			M. Down.	Up.	M.
10	24	35	10	31	00			
10	26	10	10	26	15	246		
						200		
						300		
						400		
						500		
						600		
						700		
						800		
						900		
						1000		
						1100		
						1200		
						1300		
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						3900		
						4000		
						4100		
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						4800		
						4900		



Dredge } No. 5859 Date, July 31, 1915  
Hydrog. }  
Sdg. Mch. Electric Reel El. Shot Lead 30 lbs.  
aka ECKMAN W.B. (90)

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 88 fms.  
Sdg. Cup *ATMING (set Soap)* Amt. Bot'm Sample \_\_\_\_\_  
Character of Bottom *black gravel, co. G.S.*

Thermom. { Make *RICHNER Negretti-Zambra* Instr. \_\_\_\_\_  
Cor'n \_\_\_\_\_ Stem \_\_\_\_\_  
No. \_\_\_\_\_

Bottom Reading *L. 45.6 R. 45.4* Cor'd Temp. \_\_\_\_\_

Temp. Surf. { *53'* Time *10:43* } Air { *62'*  
*57.8* Time *11:06.5* } *62'*  
ECKMAN

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction *W.N.W* Force *3*

Baromet. *30.31* Amt. of Clouds *10* State of Sea *G*

Weather *dy*

Direction and Force of Current { Surface \_\_\_\_\_  
Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality *off Washington Coast*

Position *Destruction Is. Light bears N 60° E (true) distant 19.4 miles*

Chart used: No. *6400* Ed'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: *1st Haul left 10:46 AM returned 12:52 P.M.*  
*2nd Haul left 10:48 AM returned 1:06 P.M.*

Deck Officer *Mr. Cassidy* Recorder *Parker DeLong*  
11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

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

M. Down. Up. M.

10 40 00 10 41 40  
 10 40 30 10 40 40

0  
 88 100  
 200

*Eckman W B*

11 58 30 12 10 15  
 11 59 40 12 09 20

300  
 400  
 70 500

*1208.40 trigger sent down*

600  
 700  
 800  
 900  
 1000  
 1100  
 1200  
 1300  
 1400  
 1500  
 1600  
 1700  
 1800  
 1900  
 2000  
 2100  
 2200  
 2300  
 2400  
 2500  
 2600  
 2700  
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 2900  
 3000  
 3100  
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 3700  
 3800  
 3900  
 4000  
 4100  
 4200  
 4300  
 4400  
 4500  
 4600  
 4700  
 4800  
 4900



SOUNDING WIRE.			FMS.	DREDGING CABLE.		
⊙ M. Down.	Up.	⊙ M.		--- M. Down.	Up.	--- M.
1 25 30	1 28 15		0			
1 26 00	1 26 10	92	<del>100</del>			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			



SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P.M. Down.	Up.	P.M.	--- M. Down.		Up.	--- M.	
137	15-	139	20	0			
137	50	138	20	100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
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				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

Hydrog. } No. 6562 Date, July 21, 1915

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

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 75 fms.

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

Character of Bottom gn M.

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 54° Time 1:52 } Air { 61° Time \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction N N x W Force 2-3

Baromet. 30.34 Amt. of Clouds 10 State of Sea M.

Weather cc

Direction and Force of Current { Surface \_\_\_\_\_ Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality Off Washington Coast

Position Destruction Is. Light bears N 68° E (true) distant 18.0 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 C. B. Long 11-1023











SOUNDING WIRE.				FMS.	DREDGING CABLE.						
P. M. Down.	Up.	P. M.	--- M. Down.		Up.	--- M.					
2	12	30	2	14	50						
2	13	05	2	13	08	95					
						<del>100</del>					
						200					
						300					
						400					
						500					
						600					
						700					
						800					
						900					
						1000					
						1100					
						1200					
						1300					
						1400					
						1500					
						1600					
						1700					
						1800					
						1900					
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						3100					
						3200					
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						3600					
						3700					
						3800					
						3900					
						4000					
						4100					
						4200					
						4300					
						4400					
						4500					
						4600					
						4700					
						4800					
						4900					

Hydrog. } No. 5-865- Date, July 21, 1918

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

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 100 fms.

Sdg. Cup Arming / soft soap Amt. Bot'm Sample

Character of Bottom blk. L. gn M bls

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 54° Time 2:25- } Air { 61° Time \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction N.W. Force 3

Baromet. 30.55- Amt. of Clouds 19 State of Sea M

Weather bc

Direction and Force of Current { Surface \_\_\_\_\_ Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality Off Washington Coast

Position Destruction I. Light bears N 70 1/2° E (true) distant 20.9 miles

Chart used: No. 6400 Ed'n 209

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_

Deck Officer Mr. Glick Recorder C. E. Kelong

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
<u>P</u> M. Down.	UP.	<u>P</u> M.	--- M. Down.		UP.	--- M.	
2	22	36	2 25	50			
2	23	26	2	24	40		
					0		
					100		
					200		
					300		
					400		
					500		
					600		
					700		
					800		
					900		
					1000		
					1100		
					1200		
					1300		
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					3900		
					4000		
					4100		
					4200		
					4300		
					4400		
					4500		
					4600		
					4700		
					4800		
					4900		



187

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
① M. Down.	UP.	② M.	M. Down.		UP.	M.				
2	34	20	2	36	50					
2	35	10	2	35	15					
				0						
				100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
				1400						
				1500						
				1600						
				1700						
				1800						
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				3900						
				4000						
				4100						
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				4800						
				4900						



Dredge } No. 5567 Date, July 21, 1910  
Hydrog. }

Sdg. Mch. Electric Rec. Elect Shot 30 lbs.  
Lead

Turns Cor'n Depth 189 fms.

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

Character of Bottom (blk) S. fine gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time Air { 61°  
Time

Density: Surf. fms.

Wind: Direction W. W. W. Force 3

Baromet. 30.35 Amt. of Clouds .2 State of Sea M.

Weather bc

Direction and Force of Current { Surface  
Bottom

Tide

General Locality off Washington Coast

Position Destruction Is. Light bears N 71 1/2° E (true) distant 23.0 miles

Chart used: No. 6400 Ed'n 22.8

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder C. E. Red Long

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	Q. M.		M. Down.	Up.	M.
2	45-10	2	49-00	0		
2	46-30	2	46-36-189	100		
				200		
				300		
				400		
				500		
				600		
				700		
				800		
				900		
				1000		
				1100		
				1200		
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				4000		
				4100		
				4200		
				4300		
				4400		
				4500		
				4600		
				4700		
				4800		
				4900		



SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
30330	30530		0			
30405	30410		100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			4200			
			4300			
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			4500			
			4600			
			4700			
			4800			
			4900			







SOUNDING WIRE.					FMS.	DREDGING CABLE.					
M. Down.		Up.	M.			M. Down.		Up.	M.		
3	26	30	3	28	15	0					
3	27	10	3	27	15	100					
						200					
						300					
						400					
						500					
						600					
						700					
						800					
						900					
						1000					
						1100					
						1200					
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						4000					
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						4200					
						4300					
						4400					
						4500					
						4600					
						4700					
						4800					
						4900					





## SOUNDING WIRE.

FMS.

## DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

4 47 00 4 49 30

4 47 40 4 47 45 76 ~~100~~

0

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

(2)  
Hydrog. No. 5872 Date, July 22, 1915  
Sdg. Mch. Electric Reel El. Shot Lead 30 lbs.  
Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth 92 fms.  
Sdg. Cup Arming (left samp) Amt. Bot'm Sample \_\_\_\_\_  
Character of Bottom clean lead

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

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { 52.0 Time 5:09 } Air { 59.0  
                  { \_\_\_\_\_ Time \_\_\_\_\_ }         { \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms. \_\_\_\_\_

Wind: Direction West Force 3

Baromet. 30.35 Amt. of Clouds 9 State of Sea JT

Weather bc

Direction and Force of Current { Surface \_\_\_\_\_  
  { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality off Washington Coast

Position Destruction Is. Light bears N <sup>71°</sup> 72' E (true) distant 20.6 miles

Chart used: No. 6400 Ed'n 3

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

This book checked  
RFA

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_

Deck Officer Mr. Curney Recorder A. M. K. 11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
A. M. Down.			Up. A. M.				M. Down.	Up.	M.
5	04	00	5	06	30	0			
5	04	45	5	04	46	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			

111

Mon