

Hydro. 5514 - 5562

May 7-8, 1914

507

Oregon Coast
4.

May 7 - May 8, 1914

Hydro. 5514 - 5562

20
 Dredge } No. 5514 Date, May 7, 1914
 Hydrog. }
 Sdg. Mch. TTK Reel TN Shot/Lead 25 lbs.
 Turns 90 Cor'n Depth 49 fms.
 Sdg. Cup Arming Amt. Bot'm Sample
 Character of Bottom gy S
 Thermom. { Make Cor'n { Instr.
 { No. { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { 57 Time 9.20 Air { 55
 { Time }
 Density: Surf. fms.
 Wind: Direction East Force 1-2
 Baromet. 29.99 Amt. of Clouds 10 State of Sea IT
 Weather op
 Direction and Force of Current { Surface:
 { Bottom:
 Tide

General Locality Of Oregon Coast
 Position Yaquina Light bears S8 1/2° E (true) distant 18.1 miles
 Chart used: No. 6000 Ed'n
 Drift: Direction Distance
 Depth of Haul
 Apparatus and Rig used
 Time towing h. m.

Remarks:
 Deck Officer Mr. Glick Recorder A. T. T. T.
 11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A.M. Down.		Up.	A.M.		M. Down.	Up.	M.	
920		922		0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
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				1900				
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				2900				
				3000				
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				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

21

Dredge } No. 5515 Date, May 13, 1914
Hydrog }

Sdg. Mch. T/A Reel T/A Shot/Lead 25 lbs.

Turns 84 Cor'n Depth 45 fms.

Sdg. Cup Mowing Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 57 Time 9:33 a } Air { 55 Time

Density: Surf. fms.

Wind: Direction E-NE Force 2-3

Baromet. 29.99 Amt. of Clouds 10 State of Sea 7/2

Weather op

Direction and Force of Current { Surface Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S 7° E (true) distant 19.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glink Recorder A-Mil

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A. M. Down.		Up.	A. M.		M. Down.		Up.	M.
9	33		9 55	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Hydrog. No. 5516 Date, May 7, 1914
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns 85 Cor'n Depth 46 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 9:50 a } Air { 55 Time

Density: Surf. fms.

Wind: Direction East Force 3

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

Weather op

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S5 1/2 E (true) distant 19.8 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: At 10:50 Sounded in 92 meters (= 50 fms), and put over Nansen Peterson with bottle with 82 mtr. cable. When down 5 min sent messenger down and hove up

Deck Officer Mr. Glick Recorder J. H. H. H.

526

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A. M. Down.	Up.	A. M.		A. M. Down.	Up.	A. M.
9 50		9 52	0	10 50		11 00 00
			100	10 51	30	10 57 30
			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			

~~Nansen Peterson~~
Water bottle

23

Dredge } No. 5519 Date, May 7, 1914
Hydrog. }

Sdg. Mch. TN Reel TN Shot Lead 25 lbs.

Turns 87 Cor'n Depth 48 fms.

Sdg. Cup Tanning Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 57 Time 2 } Air { 55 Time

Density: Surf. fms.

Wind: Direction East Force 3

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

Weather or

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N26 1/2° E (true) distant 13.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder A. J. ...

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
A. M. Down.	Up.	A. M.	M. Down.		Up.	M.	
10 05		10 07		0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
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				1600			
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				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			

24 Set

Dredge } No. 5518 Date, May 7, 1914
Hydrog. }

Sdg. Mch. TK Reel TK Shot Lead 25 lbs.

Turns 88 Cor'n Depth 48 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading 17.3 cel. Cor'd Temp. (stem = 12)

Temp. Surf. { 52.1° Time 11:00 a } Air { Time

Density: Surf. fms.

Wind: Direction East Force 3

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

Weather or

Direction and Force of Current { Surface Bottom

Tide

General Locality off Oregon Coast

Position Cape Kiwanda bears N 29° E (true) distant 12.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Nansen Peterson water bottle and mud sampler, both from small tr. vessel.

Time towing h. m.

Remarks: At 10:17, towed 2 dories. At 10:50 sounded in 92 m (50 fms) and put over Nansen Peterson water bottle with 82 meter cable. When down 5 min. sent messenger down and hove up. Bottle therm. fails to register. - At Tard dory returned at 12:07, aft dory at 12:10

Deck Officer Mr. Glick Recorder J. T. ...

C.E. DeLong

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A M. DOWN.		UP. A. M.			A M. DOWN.		UP. A. M.	
10	17	8	21	0	10	50	11	00 00
				92 200	10	51	10	57 30
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000	11	54	11	55
				1100 <i>grm.</i>				
				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				

Nansen Peterson
Wtr. bottle

Mud sampler

11:54 used mud sampler

Dredge } No. 2519 Date, May 7, 1914
Hydrog. }
Sdg. Mch. T.M. Reel Shoty 25 lbs.
Lead

Turns 93 Cor'n Depth 51 fms.
Sdg. Cup Arming on lead Amt. Bot'm Sample

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 12:25 } Air { 53°
 { Time }

Density: Surf. fms.

Wind: Direction East Force 2

Baromet. 30.02 Amt. of Clouds 10 State of Sea S

Weather S

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon coast

Position Cape Kiwanda bears N 31 1/2° E (true) distant 11.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Ross Mahony Recorder C. H. DeLong 11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
P. M. Down.			Up. P. M.				M. Down.	Up.	M.
12	23	40	12	25	20	0			
						100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
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						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

Dredge } No. 5629 Date, May 7, 1914
Hydrog. }

Sdg. Mch. T. N. Reel Shot/Lead 25 lbs.

Turns 94 Cor'n Depth 51 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy. s. sh.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 12:40 } Air { 53° Time }

Density: Surf. fms.

Wind: Direction East Force 2

Baromet. 30.02 Amt. of Clouds 10 State of Sea 2

Weather 02

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N33 1/2° E (true) distant 11.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Bass. Mahony Recorder C. C. DeLong 11-1026

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P. M. DOWN.	UP.	P. M.	M. DOWN.		UP.	M.	
1240	35-12	4300		0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
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				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

Dredge } No. 5520 Date, May 7, 1914
 Hydrog. }
 Sdg. Mch. TR Reel Shot } 25 lbs.
 Lead }
 Turns 91 Cor'n Depth 49 fms.
 Sdg. Cup Arriving on lead Amt. Bot'm Sample

Character of Bottom M.S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 1:00 P } Air { 54.5°
 Time

Density: Surf. fms.

Wind: Direction East Force 2

Baromet. 30.03 Amt. of Clouds 10 State of Sea 2

Weather 02

Direction and Force of Current { Surface
 Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N 36 1/2° E (true) distant 10.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time 1:00 P.M. Wet bulb 53.0 Dry bulb 53.8

Deck Officer Ch. Boen Mahony Recorder C. E. O'Leary

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
Ø M. Down.	Up.	Ø M.		--- M. Down.	Up.	--- M.
12	57	20	12	59	40	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5422 Date, May 7, 1914
Hydrog. }

Sdg. Mch. T. H. Reel Shot Lead 25 lbs.

Turns 88 Cor'n Depth 48 fms.

Sdg. Cup Alving on lead Amt. Bot'm Sample

Character of Bottom gy. s.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 1:15 P } Air { 54° Time

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

Baromet. 30.03 Amt. of Clouds 10 State of Sea 2

Weather c

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N 39 1/2° E (true) distant 9.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Brosn Mahoney Recorder C. H. Long

SOUNDING WIRE.			FMS.	DREDGING CABLE.						
<i>P</i> M. Down.	Up.	<i>P</i> M.		M. Down.	Up.	M.				
1	13	20	1	15	30					
				0						
				100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
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				1500						
				1600						
				1700						
				1800						
				1900						
				2000						
				2100						
				2200						
				2300						
				2400						
				2500						
				2600						
				2700						
				2800						
				2900						
				3000						
				3100						
				3200						
				3300						
				3400						
				3500						
				3600						
				3700						
				3800						
				3900						
				4000						
				4100						
				4200						
				4300						
				4400						
				4500						
				4600						
				4700						
				4800						
				4900						

29

Hydrog. No. 5523 Date, May 7, 1914

Sdg. Mch. T.M. Reel Shot/Lead 25 lbs.

Turns 86 Cor'n Depth 47 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time Air { 54°

Density: Surf. fms.

Wind: Direction S.E. Force 3

Baromet. 30.03 Amt. of Clouds 10 State of Sea C

Weather or

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N43 1/2° E (true) distant 8.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Ross Mahoney Order C. B. Long

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
<i>P.</i> M. Down.	Up.	<i>P.</i> M.	--- M. Down.		Up.	--- M.	
129	15	132	00	0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

Bredge } No. 58-26 Date, May 7, 1914
Hydrog. }

Sdg. Mch. T.M. Reel Shot/Lead 25 lbs.

Turns 81 Cor'n Depth 44 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample

Character of Bottom gy S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 1:45 P } Air { 54° Time

Density: Surf. fms.

Wind: Direction S.E. Force 3-4

Baromet. 20.03 Amt. of Clouds 10 State of Sea C

Weather od

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N44 1/2 E (true) distant 7.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Ross Mahoney Recorder C.E. DeLong

Trawl } No. 5525 Date, May 7, 1914
Hydrog. }

Sdg. Mch. T.M. Reel Shot/Lead 25 lbs.

Turns 77 Cor'n Depth 42 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample

Character of Bottom gy S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 2:03 } Air { 54°
Time

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

Baromet. 30.04 Amt. of Clouds 10 State of Sea C

Weather sp

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N47°E (true) distant 6.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Boen Mahoney Recorder C.E. De Long

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P. M. Down.		Up.	P. M.		--- M. Down.	Up.	--- M.
2	0015	2	0210	0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
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				1900			
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				2400			
				2500			
				2600			
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				2800			
				2900			
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				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

32

Hydrog. } No. 5-5-26 Date, May 7, 1914

Sdg. Mch. T.M. Reel Shot/Lead 25 lbs.

Turns 74 Cor'n Depth 40 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample

Character of Bottom gy.S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 2.05 } Air { 54° Time

Density: Surf. fms.

Wind: Direction Force 3-4

Baromet. Amt. of Clouds State of Sea C

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N 51° E (true) distant 5.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Ben Mahoney Recorder C.E. ...

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2	07	35	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 63-219 Date, May 7, 1914
Hydrog. }Sdg. Mch. T. H. Reel Shot } 25 lbs.
Lead }

Turns 63 Cor'n Depth 34 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {
Time

Density: Surf. fms.

Wind: Direction S.E. Force 3

Baromet. 30.04 Amt. of Clouds 10 State of Sea C

Weather op

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon coast

Position Cape Kiwanda bears N 5 1/2 E (true) distant 4.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer C. Ross Mahoney Recorder C. E. De Long

SOUNDING WIRE.			FMS.	DREDGING CABLE.						
P. M. Down.	Up.	P. M.		M. Down.	Up.	M.				
2	18	50	2	20	30					
			0							
			100							
			200							
			300							
			400							
			500							
			600							
			700							
			800							
			900							
			1000							
			1100							
			1200							
			1300							
			1400							
			1500							
			1600							
			1700							
			1800							
			1900							
			2000							
			2100							
			2200							
			2300							
			2400							
			2500							
			2600							
			2700							
			2800							
			2900							
			3000							
			3100							
			3200							
			3300							
			3400							
			3500							
			3600							
			3700							
			3800							
			3900							
			4000							
			4100							
			4200							
			4300							
			4400							
			4500							
			4600							
			4700							
			4800							
			4900							

Dredge } No. 5528 Date, May 7, 1914
Hydrog. }

Sdg. Mch. T. H. Reel Shot Lead 25 lbs.

Turns 95 Cor'n Depth 50 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 3:05 P } Air { 54° Time

Density: Surf. fms.

Wind: Direction SE Force 3-4

Baromet. 30.04 Amt. of Clouds 10 State of Sea M

Weather oz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Cape Kiwanda bears N80 1/2° E (true) distant 5.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Rosen Mahony Recorder C. E. Hadley

Tredge } No. 5-5-29 Date, May 7, 1914
 Hydrog. }
 Sdg. Mch. T.H. Reel Shot Lead 25 lbs.
 Turns 95 Cor'n Depth 52 fms.
 Sdg. Cup Arming on lead Amt. Bot'm Sample
 Character of Bottom gy. S.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 64° Time 3:20 P. } Air { 64°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction S.E. Force 3

Baromet. 30.04 Amt. of Clouds 10 State of Sea M

Weather oz

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Cape Kiwanda bears S87½°E (true) distant 5.4 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Ch. Born Mahoney Recorder C.E. DeLong

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
P. M. Down.		Up.	P. M.			M. Down.	Up.	M.
3	17	20	3	19	40			
					0			
					100			
					200			
					300			
					400			
					500			
					600			
					700			
					800			
					900			
					1000			
					1100			
					1200			
					1300			
					1400			
					1500			
					1600			
					1700			
					1800			
					1900			
					2000			
					2100			
					2200			
					2300			
					2400			
					2500			
					2600			
					2700			
					2800			
					2900			
					3000			
					3100			
					3200			
					3300			
					3400			
					3500			
					3600			
					3700			
					3800			
					3900			
					4000			
					4100			
					4200			
					4300			
					4400			
					4500			
					4600			
					4700			
					4800			
					4900			

Hydrog. } No. 2539 Date, May 7, 1914

Sdg. Mch. T.N. Reel Lead 25 lbs.

Turns ? Cor'n _____ Depth 50 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample _____

Character of Bottom gy S.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 3:35 } Air { 54°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction S.E. Force 3

Baromet. 30.04 Amt. of Clouds 10 State of Sea M

Weather oz

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Cape Kiwanda bears 877° E (true) distant 5.5 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Ch. Ross Mahoney Recorder C. E. De Long

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
P. M. Down.		Up.	P. M.				M. Down.	Up.	M.
3	32	30	3	36	00	0			
						100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

Fund. &c. } No. 15-15-31 Date, May 7, 1914
Hydrog. }

Sdg. Mch. T.M. Reel Shot Lead 25 lbs.

Turns 89 Cor'n Depth 46 fms.

Sdg. Cup Assing on lead Amt. Bot'm Sample

Character of Bottom gy S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 3:53 } Air { 54° Time

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

Baromet. 30.03 Amt. of Clouds 10 State of Sea M.

Weather oz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears S66°E (true) distant 5.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Bean Mahony Recorder C. E. DeLong 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. DOWN.	UP.	P. M.		M. DOWN.	UP.	M.
3	50	30	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

38

Dredge } No. 55-32 Date, May 7, 1914
Hydrog. }

Sdg. Mch. T.M. Reel Shot Lead 25 lbs.

Turns 90 Cor'n Depth 49 fms.

Sdg. Cup Soup Soap Amt. Bot'm Sample

Character of Bottom 20 ft sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 4:04 } Air { 55 Time

Density: Surf. fms.

Wind: Direction SE Force 3

Baromet. 30.04 Amt. of Clouds 9 State of Sea C

Weather b-c m

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears S59 1/2 E (true) distant 6.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder A Cook

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.		M. Down.	Up.	M.
404	407		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

39

Tredge } No. 5533 Date, May 7, 1914
Hydrog. }

Sdg. Mch. T N Reel T N Shot Lead 25 lbs.

Turns 87 Cor'n Depth 47 fms.

Sdg. Cup Soft soup Amt. Bot'm Sample

Character of Bottom wgy sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 4:27 P } Air { 55

Density: Surf. fms.

Wind: Direction SE Force 3

Baromet. 30.04 Amt. of Clouds 9 State of Sea C

Weather bc m

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears 84 1/2° E (true) distant 6.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Phipps Recorder C. Clark

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P	M. Down.	Up.	P		M.	M. Down.	Up.	M.
4	27	4	29	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

110

Dredge } No. 5534 Date, May 7, 1914
Hydrog. }

Sdg. Mch. TN Reel TN Shot Lead 25 lbs.

Turns 89 Cor'n Depth 48 fms.

Sdg. Cup Soft siph Amt. Bot'm Sample

Character of Bottom white sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 4:52 P } Air { 54 Time

Density: Surf. fms.

Wind: Direction SE by S Force 3

Baromet. 30.02 Amt. of Clouds 8 State of Sea L

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Meares Light bears N 29 1/2 E (true) distant 10.5 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Piffro Recorder C. Clark

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
P M. Down.	Up. P M.		--- M. Down.	Up.	--- M.
452	454	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

41
Dredge } No. 5535 Date, May 7, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.

Turns 94 Cor'n Depth 51 fms.
Sdg. Cup Arming Amt. Bot'm Sample

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

Bottom Reading Cor'd Temp.
Temp. Surf. { 53 Time 5:22 p } Air { 54
 { Time }

Density: Surf. fms.
Wind: Direction SE x S Force 3

Baromet. 3002 Amt. of Clouds 8 State of Sea L
Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality off Oregon Coast

Position Cape Meares Light bears N40°E (true) distant 8.8 miles
Chart used: No. 6100 Ed'n

Drift: Direction Distance
Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pippo Recorder A. Tuttle

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. DOWN.	UP.	P. M.		M. DOWN.	UP.	M.
522	525		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

42
Dredge } No. 5536 Date, May 7, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns 103 Cor'n Depth 56 fms.

Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom Light Sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 6.02 } Air { 53
 { { { Time {

Density: Surf. fms.

Wind: Direction S E X S Force 3

Baromet. 30.01 Amt. of Clouds 7 State of Sea L

Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon Coast

Position Cape Mearns Light bears N 59 1/2° E (true) distant 7.8 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:
Time Wet bulk Dry bulk
6:00 P.M. 54.0 56.2

Deck Officer Mr Glick Recorder C Clark

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
602	604		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

43

Dredge } No. 5537 Date, May 7, 1914
Hydrog. }

Sdg. Mch. TN Reel TN Shot Lead } 25 lbs.

Turns 109 Cor'n Depth 59 fms.

Sdg. Cup Joph Souf Amt. Bot'm Sample

Character of Bottom white sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 6:39 P Air { 55
 { { Time

Density: Surf. fms.

Wind: Direction SE x S Force 3

Baromet. 30.01 Amt. of Clouds 4 State of Sea L

Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality off Oregon Coast

Position Cape Meares light bears N 80° E (true) distant 7.1 miles
Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. Glick Recorder C. Clark

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P M. Down.		Up.	P M.		M. Down.	Up.	M.	
6	39	6	42	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
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				2000				
				2100				
				2200				
				2300				
				2400				
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				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

44
Dredge } No. 5538 Date, May 7, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot 25 lbs.
Leads }
Turns 114 Cor'n Depth 62 fms.
Sdg. Cup soft soap Amt. Bot'm Sample
Character of Bottom Clean lead - Hard bottom

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 6:56 P } Air { 55
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction SE x S Force 3

Baromet. 30.01 Amt. of Clouds 4 State of Sea L

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Cape Mearns Light bears N 87° E (true) distant 7.8 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Glick Recorder C. Cook

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
P. M. Down.	Up. P. M.		--- M. Down.	Up.	--- M.
6 56	6 59	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
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		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			

45
Dredge } No. 5539 Date, May 7, 1914
Hydrog. }
Sdg. Mch. TT Reel TN Shot/Lead 25 lbs.
Turns 114 Cor'n Depth 62 fms.
Sdg. Cup Soft trap Amt. Bot'm Sample
Character of Bottom Hard bottom

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

Bottom Reading Cor'd Temp.
Temp. Surf. { 52 Time 7:07 P Air { 55
 { { {
 { { {
 { { {

Density: Surf. fms.
Wind: Direction SE x S Force 3
Baromet. 30.01 Amt. of Clouds 7 State of Sea 2
Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon Coast

Position Cape Meares Light bears S86 1/2° E (true) distant 8.0 miles
Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder C. Cook

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up. M.		M. Down.	Up.	M.
P 7 07	7 09	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

46

Dredge } No. 5549 Date, May 7, 1914
Hydrog. }

Sdg. Mch. TN Reel TN Shot Lead 25 lbs.

Turns 105 Cor'n Depth 57 fms.

Sdg. Cup Soft Soup Amt. Bot'm Sample

Character of Bottom gy. s. sand -

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 7:07 P Air { 55

Density: Surf. fms.

Wind: Direction E x N Force 3

Baromet. 30.01 Amt. of Clouds 7 State of Sea 2

Weather FC

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Meares Light bears S65 1/2 E (true) distant 8.1 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder C. Cook

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up. P M.		M. Down.	Up.	M.
P 7 37	P 7 39	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
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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			

47

Dredge } No. 5548 Date, May 7, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns 101 Cor'n Depth 55 fms.

Sdg. Cup Sift soups Amt. Bot'm Sample
Character of Bottom very sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 8:06 P } Air { 55
{ Time }

Density: Surf. fms.

Wind: Direction E x N Force 3

Baromet. 30.01 Amt. of Clouds 7 State of Sea L

Weather bc

Direction and Force of Current { Surface
{ Bottom

Tide

General Locality Off Oregon Coast

Position Cape Meares light bears S 48° E (true) distant 9.3 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Mahoney Recorder C. C. Cook

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up. P M.		M. Down.	Up.	M.
8 06	8 08	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
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		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			

1.
Dredge } No. 5542 Date, May 8, 1914
Hydrog. }
Sdg. Mch. TV Reel TV Shot Lead 25 lbs.
Turns 95 Cor'n Depth 51 fms.
Sdg. Cup Tanning Amt. Bot'm Sample
Character of Bottom gss

Thermom. { Make Cor'n { Instr.
 { No. { Stem.
Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 6:30 a } Air { 53°
 { Time } { }

Density: Surf. fms.
Wind: Direction SE Force 1
Baromet. 29.92 Amt. of Clouds 8 State of Sea 2
Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon Coast.

Position Cape Mearns Light bears S36°E (true) distant 11.0 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder A. Witt

2.

Dredge } No. 5543 Date, May 8, 1914
 Hydrog. }

Sdg. Mch. TK Reel TN Shot Lead 25 lbs.
 Turns 89 Cor'n Depth 48 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 6.57 a } Air {
 { Time }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Of Oregon Coast

Position Cape Mearns Light bears $B26^{\circ}E$ (true) distant 13.2 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder [Signature]

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. DOWN.		UP.	M.		M. DOWN.	UP.	M.
6	57	7	01	0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
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				1600			
				1700			
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				1900			
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				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 } No. 554 H Date, May 8, 1914
Hydrog. }

Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.

Turns 87 Cor'n Depth 47 fms.

Sdg. Cup Towing Amt. Bot'm Sample

Character of Bottom gyS

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 7:30 P } Air { 54 Time

Density: Surf. fms.

Wind: Direction East Force 1

Baromet. 29.93 Amt. of Clouds 8 State of Sea M

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N17 1/2° E (true) distant 13.2 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder J. Truitt

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
<i>A</i> M. Down.	Up.	<i>A</i> M.	M. Down.		Up.	M.	
7	30	7	33	0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

Dredge } No. 5545 Date, May 8, 1914
Hydrog. }

Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.

Turns 92 Cor'n Depth 50 fms.

Sdg. Cup Atm'ing Amt. Bot'm Sample

Character of Bottom gy S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 8:00 a } Air { 64° Time

Density: Surf. fms.

Wind: Direction East Force 1

Baromet. 29.92 Amt. of Clouds 8 State of Sea S

Weather bcz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 26 1/2 E (true) distant 11.0 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer T. G. G. Recorder C. E. De Long

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A M. Down.	Up.	A M.		M. Down.	Up.	M.
75730		75930	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

5-
Tidegauge } No. 5546 Date, May 8, 1914
Hydrog. }

Sdg. Mch. T.S. Reel Shot Lead 25 lbs.

Turns 95 Cor'n Depth 52 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom hard gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 55° Time 8:25 a } Air { 56.5° Time

Density: Surf. fms.

Wind: Direction S x E Force

Baromet. 29.93 Amt. of Clouds 9 State of Sea S

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 38° E (true) distant 8.8 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Ross Mahony Recorder C. E. DeLong

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. Down.	Up.	M.	M. Down.		Up.	M.		
8	22	00	8	24	00			
				0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. 5547 Date, May 8, 1914
 Hydrog. }
 Sdg. Mch. T.W. Reel Shot } 25 lbs.
 Leads }
 Turns 95 Cor'n Depth 52 fms.
 Sdg. Cup Arming on lead Amt. Bot'm Sample
 Character of Bottom gy S
 Thermom. { Make Cor'n { Instr.
 { No. { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { 55° Time 8:53A } Air { 56°
 { Time }
 Density: Surf. fms.
 Wind: Direction S x E. Force 1
 Baromet. 29.94 Amt. of Clouds 9 State of Sea S
 Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 57 1/2 E (true) distant 7.3 miles
 Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Ben. Mahony Recorder C. E. De Long

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A M. DOWN.		UP.	A M.		M. DOWN.	UP.	M.	
85000			85200	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

7
Dredge } No. 3548 Date, May 8, 1914
Hydrog. }
Sdg. Mch. T.M. Reel Shot/Lead 25 lbs.
Turns 115 Cor'n Depth 62 fms.

Sdg. Cup *Winnipeg lead* Amt. Bot'm Sample
Character of Bottom *S(?) mud*

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53.5 Time 9.25 a } Air { 56.5^o
 { { {

Density: Surf. fms.

Wind: Direction *S.S.E.* Force *1*

Baromet. *29.94* Amt. of Clouds *9* State of Sea *S*

Weather *bc*

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality *Off Oregon Coast*

Position *Tillamook Light bears N 71° E (true) distant 9.7 miles*

Chart used: No. *6100* Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *Ch. Boen Mahoney* Recorder *C. K. Long*

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
A. M. Down.	Up. A. M.	 M. Down.	Up. M.
9 24 30	9 27 00	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
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		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

5.

Dredge } No. 5-5-49 Date, May 8, 1914
Hydrog. }
Sdg. Mch. T.H. Reel Shot } 25 lbs.
Lead }
Turns 121 Cor'n Depth 66 fms.

Sdg. Cup Arriving on lead Amt. Bot'm Sample

Character of Bottom gy. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53.5 Time 9:42 Air { 56°
Time

Density: Surf. fms.

Wind: Direction S.W.E. Force 2-3

Baromet. 29.95 Amt. of Clouds 10 State of Sea

Weather oz

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 73 1/2 E (true) distant 10.5 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time Wet bulb Dry bulb
9:45 A.M. 56.8 62.0

Deck Officer Ch. Ross Mahony Recorder C.E. DeLong

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9		9	0			
37		40	100			
00		30	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. 5-5-59 Date, May 8, 1914
 Sdg. Mch. T. H. Reel _____ Shot/Lead 25 lbs.
 Turns 125 Cor'n _____ Depth 65 fms.
 Sdg. Cup Arising on lead Amt. Bot'm Sample _____
 Character of Bottom M; S.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 53.5 Time 9:55 a } Air { 56⁰
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction S x E. Force 2-3

Baromet. 29.95 Amt. of Clouds 10 State of Sea S

Weather oz

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off. Oregon Coast

Position Tillamook Light bears N 75° E (true) distant 11.4 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Ch. B. ... Recorder C. E. ...
 11-1023

Dredge } No. 5550 Date, May 8, 1914
Hydrog. }

Sdg. Mch. T.M. Reel Shot Lead 25 lbs.

Turns 132 Cor'n Depth 72 fms.

Sdg. Cup Assumg on lead Amt. Bot'm Sample

Character of Bottom gn M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53.5° Time 10:10a } Air { 56°

Density: Surf. fms.

Wind: Direction S.E. x S Force 2

Baromet. 29.95 Amt. of Clouds 10 State of Sea S

Weather cz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 77 1/2° E (true) distant 12.4 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. B. Mahoney Recorder C. E. DeLong

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A. M. Down.	Up.	A. M.		M. Down.	Up.	M.
10	06	30	0			
		10 09 30	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
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			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5352 Date, May 8, 1914
Hydrog. }

Sdg. Mch. T.M. Reel Shot/Lead 25 lbs.

Turns 137 Cor'n Depth 75 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample

Character of Bottom gy. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53.5° Time 10:22 } Air { 56° Time

Density: Surf. fms.

Wind: Direction S.E. x S. Force 2-3

Baromet. 29.95 Amt. of Clouds 9 State of Sea S

Weather bz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 78° E (true) distant 13.4 miles
Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Basu Mahay Recorder C. C. DeLong

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
Q. M. Down.	Up. Q. M.		M. Down.	Up.	M.
10 19 38	10 22 10	0			
		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			

12

Hydrog. } No. 5-5-53 Date, May 8, 1914

Sdg. Mch. T.M. Reel Shot/Lead 25-lbs.

Turns 146 Cor'n Depth 79 fms.

Sdg. Cup Arising on lead Amt. Bot'm Sample

Character of Bottom gm M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53.5° Time 10:55- Air { 57°

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

Baromet. 29.94 Amt. of Clouds 9 State of Sea S

Weather bcp

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 82° E (true) distant 16.3 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Ross Mahony Recorder C. H. Long

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
A. M. Down.		Up. A. M.				M. Down.	Up.	M.
1052	10	1055	10		0			
					100			
					200			
					300			
					400			
					500			
					600			
					700			
					800			
					900			
					1000			
					1100			
					1200			
					1300			
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					1500			
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					3900			
					4000			
					4100			
					4200			
					4300			
					4400			
					4500			
					4600			
					4700			
					4800			
					4900			

Hydrog. } No. 5-5-5-4 Date, May 8, 1914
 Sdg. Mch. T.M. Reel Shot/Lead } 25 lbs.

Turns 152 Cor'n Depth 83 fms.

Sdg. Cup Arming or lead Aml. Bot'm Sample

Character of Bottom soft green M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 64° Time 11:32 } Air { 56°
 Time

Density: Surf. fms.

Wind: Direction S.W.E. Force 3

Baromet. 29.94 Aml. of Clouds 9 State of Sea C

Weather ozy

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N84°E (true) distant 19.2 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Rose Mahony Recorder C. A. H. Log

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
11	25	10	0			
	41	31	100			
		20	200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
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			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

14

Dredge } No. 5555 Date, May 8, 1914
Hydrog. }

Sdg. Mch. T N Reel T N Shot/Lead 25 lbs.

Turns 159 Cor'n Depth 86 fms.

Sdg. Cup Soft soup Amt. Bot'm Sample

Character of Bottom Soft green mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 12 noon Air { 57

Density: Surf. fms.

Wind: Direction SSE Force 2-4

Baromet. 29.92 Amt. of Clouds 9 State of Sea M

Weather b c m

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 86° E (true) distant 22.2 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Mahoney Recorder C. Clark

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down.

Up. *P* M.

M. Down.

Up.

M.

12 — *12 04*

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
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2900
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3100
3200
3300
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3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

15
Bredge } No. 5556 Date, May 8, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns 143 Cor'n Depth 78 fms.
Sdg. Cup Soft soap Amt. Bot'm Sample
Character of Bottom Hard bottom-rock -

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 12:34 } Air { 55
 { Time }

Density: Surf. fms.

Wind: Direction SSE Force 3

Baromet. 29.93 Amt. of Clouds 9 State of Sea C

Weather bc pg

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon Coast -

Position Tillamook Light bears N87°E (true) distant 25.1 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Piffers Recorder C. Clark
11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

P M. Down. Up. M.

M. Down. Up. M.

12 34

12 37

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

16
Dredge } No. 5557 Date, May 8, 1914
Hydrog. }

Sdg. Mch. T N Reel T N Shot/Lead 25 lbs.

Turns 172 Cor'n Depth 94 fms.

Sdg. Cup Soft Soup Amt. Bot'm Sample

Character of Bottom Soft green mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 12:43 P Air { 55

Density: Surf. fms.

Wind: Direction SSE Force 3

Baromet. 29.93 Amt. of Clouds 9 State of Sea C

Weather bcpg

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast -

Position Tillamook Light bears N 87 1/2 E (true) distant 25.6 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C. Clark 11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up.		M. Down.	Up.	M.
P 12 43	30	12 47	30		
		0			
		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			

P 12 43 30 12 47 30

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

17 Oct -
Dredge } No. 5558 Date, May 8, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns 146 Cor'n Depth 79 fms.

Sdg. Cup Amt. Bot'm Sample
Character of Bottom Mud + fine gravel -
Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading L-49 R-48.9 Cor'd Temp.
Temp. Surf. { 52 Time 1:03 P } Air { 55
 { } {

Density: Surf. fms.
Wind: Direction SSE Force 3
Baromet. 29.93 Amt. of Clouds 9 State of Sea C
Weather bc fog

Direction and Force of Current { Surface
 { Bottom
Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 87° E (true) distant 25.1 miles
Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Ekman Water Bottle + alterations bottom sampler

Time towing h. m.

Remarks: Location approximately the same as #157 May 8, 1914
Hydrog No 5558
at 1:12 P.M. lowered for day - Rtd at 3:05 P.
" 1:14 P.M. " aft day - Rtd at 3:02 P.

Time Wet bulb Dry bulb
1:00 P.M. 53.2 56.0

Deck Officer Mr Piffo Recorder Callock

Small

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P	M. Down.	Up. P		M.	M. Down.	Up.
	103	107	0	Egman Water		
			100	Bottle		
			70	143	30	150
			800	145	-	151 25
			400			
			500	L	49	
			600	R	48.9	
			700			
			800			
			900			
			1000			
			1100			
			1200	albatross		
			1300	bottom sampler		
			1300	155		157
			1500			
			1600	2 1/2 ft sample		
			1700	of mud		
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700	Very soft N. N. E. from this		
			3800	station - very soft extreme		
			3900	Caught several Calicut -		
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

18
Hydrog. No. 5559 Date, May 8, 1914
Sdg. Mch. TN Reel TN Shot Lead 28 lbs.
Turns 152 Cor'n Depth 83 fms.

Sdg. Cup soft soup - Amt. Bot'm Sample
Character of Bottom gy Sbrn Mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 3:43 } Air { 54
 { { { Time

Density: Surf. fms.

Wind: Direction SE Force 3-4

Baromet. 29.92 Amt. of Clouds 10 State of Sea C

Weather op

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears S86 1/2° E (true) distant 25.3 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Piffa Recorder C. A. Cook
11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

P M. Down. Up. P M.

M. Down. Up. M.

P	M. Down.	Up.	P	M.
3	43	3	47	

0
100
200
300
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2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

19

Dredge Hydrog. } No. 5560 Date, May 8, 1914

Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.

Turns 156 Cor'n Depth 95 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom soft gy M

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 4:16 p } Air { 54 Time

Density: Surf. fms.

Wind: Direction SE Force 3-4

Baromet. 29.92 Amt. of Clouds 10 State of Sea C

Weather op

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears 87 1/2° E (true) distant 25.9 miles Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Armit - 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
4 16	4 20		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5554 Date, May 8, 1914
Hydrog. }

Sdg. Mch. TN Reel TN Shot Lead 25 lbs.

Turns 148 Cor'n Depth 81 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Sft br M S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 4:51 } Air { 54 Time

Density: Surf. fms.

Wind: Direction SE Force 4

Baromet. 29.92 Amt. of Clouds 10 State of Sea C

Weather op

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears 87 3/2 E (true) distant 26.9 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder J. Whit

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
4	57	4	57	0		
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

21
Dredge } No. 5562 Date, May 8, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.

Turns 161 Cor'n _____ Depth 88 fms.
Sdg. Cup Armstrong Amt. Bot'm Sample _____
Character of Bottom Mgn. M.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52° Time 5:30 } Air { 54°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction S.E. Force 3-4

Baromet. 29.92 Amt. of Clouds 9 State of Sea M.

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Of Oregon Coast

Position Tillamook Light bears S68°E (true) distant 28.2 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Glick Recorder C.E. DeLong
11-10253

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. DOWN.	UP.	P. M.		M. DOWN.	UP.	M.
5-23	5-0	5-27	35-	0		
				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		

Bar. and Psychrometer
checked Oct. 5.
June 17-1914

5-34-0-0

164 = 89