

H 6210

507

Dredge } No. H6210 Date, Sept 4, 1916
 Hydrog. }

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

Turns _____ Cor'n _____ Depth 136.5 fms.

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

Character of Bottom fine blk. S. fine gr. S. no. WKS

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 56° Time 3:35 P } Air { 64°
 Time _____

Density: Surf. _____ fms. _____

Wind: Direction SW x W Force 3

Baromet. 30.13 Amt. of Clouds 2 State of Sea M

Weather bc

Direction and Force of Current { Surface _____
 Bottom _____

Tide _____

General Locality Off Columbia River

Position Cape Shoalwater Light bears N 89° E (true) distant 29.5 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Shapley Recorder C. E. DeLong
 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		M. Down.	Up.	M.
3 31 50	3 34 40		0			
3 32 60	3 23 05	1365	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			

Tredge } No. 6211 Date, Sept 4, 1910
Hydrog. }

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

Turns Cor'n Depth 194 fms.

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

Character of Bottom (fine blk. S) fine gr S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 56° Time 3:54 } Air { 64° Time

Density: Surf. fms.

Wind: Direction NW x SE Force 3

Baromet. 30.13 Amt. of Clouds 2 State of Sea M

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Columbia River

Position Cape Shoalwater light bears N 89 1/2° E (true) distant 30.4 miles
Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder C. E. Penlong
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		M. Down.	Up.	M.
3 49 00	3 52 45		0			
3 50 15	3 50 30		194 700			
			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			

Predge } No. 6212 Date, Sept 4, 1915
Hydrog. }
Sdg. Mch. Electric Reel Elec Shot/Lead 30 lbs.
Turns _____ Cor'n _____ Depth 219 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample _____
Character of Bottom fine black sand & fine g. s.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 56° Time 4:13 } Air { 67°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction N. by N. Force 3

Baromet. 30.13 Amt. of Clouds 2 State of Sea M.

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Columbia River

Position Cape Shoalwater Light bears N 89 1/2° E (true) distant 31.3 miles
Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer McCaraidy Recorder Parker

SOUNDING WIRE.				FMS.	DREDGING CABLE.						
<i>P.</i> M. Down.	Up.	<i>P.</i> M.	M. Down.		Up.	M.					
4	07	10	4	12	00						
4	09	50	4	09	25	219					
					0						
					100						
					200						
					300						
					400						
					500						
					600						
					700						
					800						
					900						
					1000						
					1100						
					1200						
					1300						
					1400						
					1500						
					1600						
					1700						
					1800						
					1900						
					2000						
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					2700						
					2800						
					2900						
					3000						
					3100						
					3200						
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					3500						
					3600						
					3700						
					3800						
					3900						
					4000						
					4100						
					4200						
					4300						
					4400						
					4500						
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					4700						
					4800						
					4900						

Bredge } No. 6213 Date, Sept 4, 1915
Hydrog. }

Sdg. Mch. Electasc Reel Eke Shot Lead 30 lbs.

Turns _____ Cor'n _____ Depth 247 fms.

Sdg. Cup (arming soft rock) Amt. Bot'm Sample _____

Character of Bottom Green mud, green shale

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 56° Time 4:32 } Air { 67°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction N.W. by W Force 3

Baromet. 30.13 Amt. of Clouds 2 State of Sea M

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Columbia River

Position Cape Shoalwater Light, bears E (true)
Chart used: No. 6100 Ed'n Elestat 32.3 miles

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. [Signature] Recorder Parker

SOUNDING WIRE.				FMS.	DREDGING CABLE.				
P. M. DOWN.	UP. P. M.	P. M.	M. DOWN.		UP.	M.			
4	25	30	4	30	45				
4	27	25	4	27	40	247			
						0			
						100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
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						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
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						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

Bridge Hydrog. No. 621.4 Date, Sept. 4, 1915
 Sdg. Mch. Electric Reel Elec Shot Lead 30 lbs.
 Turns _____ Cor'n _____ Depth 230.0 fms.
 Sdg. Cup Priming (soft soap) Amt. Bot'm Sample _____
 Character of Bottom No bottom

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 56° Time 4:51 } Air { 67°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction N. by E Force 3

Baromet. 30.13 Amt. of Clouds 2 State of Sea M

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Columbia River

Position Cape Shoalwater Light bears 389 1/2° E (true) distant 33.2 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. Cassidy Recorder Parker

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	P.	M.		M. Down.	Up.	M.
4	44	30	450	08			
4	46	40	446	45	0		
				$\frac{0}{300}$	100		
					200		
					300		
					400		
					500		
					600		
					700		
					800		
					900		
					1000		
					1100		
					1200		
					1300		
					1400		
					1500		
					1600		
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					2500		
					2600		
					2700		
					2800		
					2900		
					3000		
					3100		
					3200		
					3300		
					3400		
					3500		
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					3900		
					4000		
					4100		
					4200		
					4300		
					4400		
					4500		
					4600		
					4700		
					4800		
					4900		

Direct Hydrog. No. 6215 Date, Sept 4, 1915

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

Turns Cor'n Depth 261 fms.

Sdg. Cup (winning soft coop) Amt. Bot'm Sample

Character of Bottom fine gray sands

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 5:18 } Air { 63°

Density: Surf. fms.

Wind: Direction N.W. Force 2

Baromet. 30.12 Amt. of Clouds 1 State of Sea M

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Columbia River

Position Cape Shoalwater Light bears S 89 1/4° E (true) distant 32.2 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer M. Cassidy Recorder Parker

Dredge } No. 6246 Date, Sept 4, 1915
Hydrog. }

Sdg. Mch. Electric Reel Shot Lead 30 lbs.

Turns Cor'n Depth 202 fms.

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

Character of Bottom (Black Sand) gy s, oo s

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 5:35 } Air { 63°
Time

Density: Surf. fms.

Wind: Direction NW Force 2

Baromet. 30.12 Amt. of Clouds 1 State of Sea M

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Columbia River

Position Cape Shoalwater bearing $88^{\circ} \frac{1}{2}$ E (true) dist. 3.1 $\frac{1}{2}$ M

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Cassidy Recorder Blaker

SOUNDING WIRE.

FMS.

DREDGING CABLE.

P. M. Down.		Up. P. M.		FMS.	M. Down.		Up.		M.	
5	30	5	34		0					
5	32	5	32	100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
				1400						
				1500						
				1600						
				1700						
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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. 6217 Date, Sept 4, 1915
Hydrog. }

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

Turns _____ Cor'n _____ Depth 149 fms.

Sdg. Cup (Armstrong type) 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 5:53 } Air { 63°
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction N.W. Force 1

Baromet. 30.10 Amt. of Clouds 1 State of Sea M

Weather bc.

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Columbia River

Position Cape Shoalwater Light bears S 87 3/4° E (true) distant 30.3 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. Cassidy Recorder Parker

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up. P. M.		M. Down.	Up.	M.
5	47 50 5	0			
5	48 55 5	179			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
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		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. 6218 Date, Sept 4, 1915
Hydrog. }
Sdg. Mch. Slect Reel Elec Shot 30 lbs.
Lead

Turns Cor'n Depth 111 5 fms.
Sdg. Cup Soft ooze Amt. Bot'm Sample
Character of Bottom Gray sand fine blk s

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

Bottom Reading Cor'd Temp.
Temp. Surf. { 54° Time 6:10 } Air { 63
 { } {

Density: Surf. fms.
Wind: Direction NW Force 1
Baromet. 30.10 Amt. of Clouds 1 State of Sea M
Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Columbia River

Position Cape Shoalwater Light bears S87°E (true) distant 29.4 miles
Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassiday Recorder Blaker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6	0630	6	0850	0		
6	0720	6	0730	111.5		
				200		
				300		
				400		
				500		
				600		
				700		
				800		
				900		
				1000		
				1100		
				1200		
				1300		
				1400		
				1500		
				1600		
				1700		
				1800		
				1900		
				2000		
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				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		

Tredge } No. 6219 Date, Sept 1, 1915
 Hydrog. }
 Sdg. Mch. Educ Reel Ed Shot/Lead 30 lbs.
 Turns _____ Cor'n _____ Depth 98 fms.
 Sdg. Cup Soft 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 6:37 } Air { 63°
 Time _____ } _____

Density: Surf. _____ fms. _____
 Wind: Direction NW Force 1
 Baromet. 30.10 Amt. of Clouds 1 State of Sea m
 Weather bc

Direction and Force of Current { Surface _____
 Bottom _____

Tide _____

General Locality Off Columbia River

Position Cape Shoalwater Light bears S 86 1/4° E (true) distant 2.85 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. Cassiday Recorder Blaker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6 22 40	6 26 20		0			
6 23 40	6 23 50		98-100			
			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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			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. 6220 Date, Sept 4, 1915
Hydrog. }
Sdg. Mch. Slick Reel 82 Shot Lead 30 lbs.

Turns _____ Cor'n _____ Depth 92 fms.
Sdg. Cup Soft goop Amt. Bot'm Sample _____
Character of Bottom Green mud pebbles

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 6- } Air { 63°
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction NW Force 1

Baromet. 30.10 Amt. of Clouds 1 State of Sea M

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Columbia River

Position Cape Shoalwater Light bears S 85° E (true) distant 27.6 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. Glick Recorder Blaker

SOUNDING WIRE			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6 39 00	6 41 10		0			
6 39 50	6 40 00		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. 6221 Date, Sept 4, 1915
Hydrog. }
 Sdg. Mch. Elect Reel Elect Shot/Lead } 30 lbs.
 Turns _____ Cor'n _____ Depth 143 fms.
 Sdg. Cup Amundson Amt. Bot'm Sample _____
 Character of Bottom fine gy. S.
 Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____
 Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { 58° Time 8:25-0 Air { 55-
 { _____ Time _____ }
 Density: Surf. _____ fms. _____
 Wind: Direction N.W. Force 2
 Baromet. 30.11 Amt. of Clouds 2 State of Sea M.
 Weather bc

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

General Locality Off Columbia River

Position Cape Shoalwater Light bears $\text{N } 77^\circ \text{ E}$ (true)
distant 23.7 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Shepley Recorder C. C. B. Log

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.	M. Down.		Up.	M.	
8 19	35	5 23	10	0			
8 20	57	8 21	00	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			

Bottle } No. 6222 Date, Sept 4, 1915
Hydrog. }

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

Turns Cor'n Depth 232 fms.

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

Character of Bottom hard

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 8:50 } Air { 55° Time

Density: Surf. fms.

Wind: Direction N.W. Force 2

Baromet. 30.11 Amt. of Clouds 2 State of Sea III

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Columbia River

Position Cape Shoalwater Light bears N 73 1/2° E (true)

Chart used: No. 6100 Ed'n distant 23.1 mile

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder C. E. DeLong

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. DOWN.	UP.	P. M.		M. DOWN.	UP.	M.
8 42 10	8 47 45		0			
8 44 15	8 44 30		23200			
			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. 6223 Date, Sept 5, 1915
Hydrog. }
Sdg. Mch. Electric Reel Elec Shot 30 lbs.
Leads }
Turns _____ Cor'n _____ Depth 68 fms.
Sdg. Cup Arming (soft asp) Amt. Bot'm Sample _____
Character of Bottom Green mud, fine gy S

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 53° Time 6:03 } Air { 59°
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction S E Force 1

Baromet. 30.08 Amt. of Clouds 6 State of Sea M

Weather bcy

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears 549° E (true)
 distant 15.5 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. E. Glick Recorder Parker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A. M. Down.	Up.	A. M.		M. Down.	Up.	M.
6 00 45	6 12 15		0			
6 01 10	6 01 20		68 100			
			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. 6224 Date, Sept 5, 1915
Hydrog. }
Sdg. Mch. Electric Reel Ebb Shot } 30 lbs.
Lead }
Turns _____ Cor'n _____ Depth 72 fms.
Sdg. Cup (arming soft trip) Amt. Bot'm Sample _____
Character of Bottom Green mud, fine gy S

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 53° Time 6:30 } Air { 59°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction SE Force 1

Baromet. 30.08 Amt. of Clouds 6 State of Sea M

Weather Bay

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Tillamook Head Light bears S56 1/2° E (true) distant 15.3 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Glick Recorder Parker

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
A. M. Down.		Up.	A. M.				M. Down.	Up.	M.
6	27	30	6	29	10	0			
6	28	00	6	28	10	72 ¹⁰⁰			
						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			

Bridge } No. 6225 Date, Sept 5, 1915
Hydrog. }
Sdg. Mch. Electric Reel Elk Shot Lead 30 lbs.
Turns _____ Cor'n _____ Depth 77 fms.
Sdg. Cup *Limning (soft cup)* Amt. Bot'm Sample _____
Character of Bottom *Green mud, fine gy S*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 53° Time 6:54 } Air { 59°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *S. 6* Force *1*

Baromet. *30.08* Amt. of Clouds *6* State of Sea *M*

Weather *bcy*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Oregon Coast*

Position *Tillamook Head Light bears S 65° E (True) distant 15.8 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. Black* Recorder *Parker*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	A. M.		M. Down.	Up.	M.
6 57 00	6 53 35		0			
6 52 35	6 52 40		77 100			
			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. 226 Date, Sept 5, 1915
Hydrog. }

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

Turns _____ Cor'n _____ Depth 79 fms.

Sdg. Cup (Munniford) Amt. Bot'm Sample _____

Character of Bottom Green mud, fraggy S

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 7:12 } Air { 60
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction S.E. Force 1

Baromet. 30.09 Amt. of Clouds 8 State of Sea M

Weather fog

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S 72 1/2° E (true)

Chart used: No. 6100 Ed'n distant 15.8 miles

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Blich Recorder Parker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7 09 30	7 11 15		0			
7 10 08	7 10 12		79 100			
			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. 6227 Date, Sept 5, 1915
Hydrog. }

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

Turns _____ Cor'n _____ Depth 82 fms.

Sdg. Cup (Armigraft cup) Amt. Bot'm Sample _____

Character of Bottom Green mud

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 7.30 } Air { 60°
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction S.E. Force 1

Baromet. 30.09 Amt. of Clouds 8 State of Sea M

Weather by

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Tillamook Head Light bears S 80° E (true) distant 7.5 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. Slick Recorder Parker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A. M. Down.	Up.	A. M.		M. Down.	Up.	M.
7	27	35	7	29	25	0
7	28	10	7	28	15	82-100
						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. 6228 Date, Sept 5, 1913
Hydrog. }
Sdg. Mch. Electric Reel Ebe Shot/Lead 30 lbs.
Turns _____ Cor'n _____ Depth 82 fms.
Sdg. Cup (brass) Amt. Bot'm Sample _____
Character of Bottom Green mud

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 7:57 } Air { 61°
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction S.E. Force 1

Baromet. 30.10 Amt. of Clouds 8 State of Sea M.

Weather hazy

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head light bears S 87° E (true)

Chart used: No. 6100 distant 17.5 miles

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: Electricity cut off - had to wind in by hand.

Deck Officer Mr. Glick Recorder Parker

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
A	M. Down.	Up.	A M.		M. Down.	Up.	M.
7	53	7	55	0			
7	54	7	54	82			
	25		55	200			
	05		10	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. 6229 Date, Sept 5, 1914
Hydrog. }
Sdg. Mch. Check Reel 62 Shot Lead 50 lbs.
Turns _____ Cor'n _____ Depth 62 fms.
Sdg. Cup Soft soap Amt. Bot'm Sample _____
Character of Bottom Green mud

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 54 Time 8:16 Air { 61
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____
Wind: Direction SE Force 1
Baromet. 30.10 Amt. of Clouds 8 State of Sea 24
Weather bcy

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Tillamook Head Light bears S 82 1/2° E (true) distant 17.2 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. Shepley Recorder Blaker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>a</i> M. DOWN.	UP.	<i>a</i> M.		--- M. DOWN.	UP.	--- M.
6 13 25	8 15 25		0			
8 14 00	8 14 10		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. 6230 Date, Sept 5, 1925
Hydrog. }
Sdg. Mch. Elect Reel ~~Shot~~ 30 lbs.
Leads
Turns _____ Cor'n _____ Depth 82 fms.
Sdg. Cup soft soap Amt. Bot'm Sample
Character of Bottom Green mudflats

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 54 Time 8:30 } Air { 61°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____
Wind: Direction SE Force 1
Baromet. 30.10 Amt. of Clouds 8 State of Sea m
Weather bcg

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S 78° E (true) distant 16.9 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 Shipley Recorder Blaker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	A.M.		M. Down.	Up.	M.
8	27	45	8	29	50	0
8	28	25	8	28	1082	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

9

Dredge } No. 6231 Date, Sept 6, 1912
Hydrog. }
Sdg. Mch. Elect Reel Elec Shot 20 lbs.
Leads }
Turns _____ Cor'n _____ Depth 81 fms.
Sdg. Cup soft ssp Amt. Bot'm Sample _____
Character of Bottom green mud & ssp

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 54 Time 8:45 } Air { 61°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____
Wind: Direction SE Force 1
Baromet. 30.10 Amt. of Clouds 8 State of Sea m
Weather bcy

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S 72 3/4° E (true)
Chart used: No. 6100 distant 16.8 miles
Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Shipley Recorder Blaker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
8 42 50	8 44 50		0			
8 42 20	8 43 35	81	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. 6232 Date, Sept 5, 1915
Hydrog. }
Sdg. Mch. Elect Reel Ed Shot 20 lbs.
Lead }
Turns _____ Cor'n _____ Depth 78 fms.
Sdg. Cup soft soap Amt. Bot'm Sample _____
Character of Bottom Green Mud, fine gy S

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 54 Time 8:59 } Air { 61°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction SE Force 1

Baromet. 30.10 Amt. of Clouds 6 State of Sea M

Weather bcg

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head light bears S 68 1/2° E (true) distant 16.8 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Shipley Recorder Blaker

SOUNDING WIRE.

FMS.

DREDGING CABLE.

a.M. Down. | Up. | a.M.

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

8 57 30 | 8 59 20 | 0
 8 58 10 | 8 58 15 | 78 ~~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. 233 Date, Sept 5, 1915
 Hydrog. }
 Sdg. Mch. Best Reel 8L ~~Shot~~ Lead 30 lbs.
 Turns _____ Cor'n _____ Depth 77 fms.
 Sdg. Cup *Soft soap* Amt. Bot'm Sample _____
 Character of Bottom Green Sand, m, pebbles

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

Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { 55 Time 9:20 } Air { 62.0 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____
 Wind: Direction 26 Force 1
 Baromet. 30.12 Amt. of Clouds 9 State of Sea h
 Weather bcz

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S64°E (true) distant 16.9 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. Shepley Recorder Blake

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
<i>a</i> M. Down.	Up.	<i>a</i> M.	M. Down.		Up.	M.				
9	14	00	9	18	00					
9	15	00	9	15	30	177				
					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					

Dredge } No. 6234 Date, Sept 5, 1915
Hydrog. }
Sdg. Mch. Elect Reel El ~~Lead~~ 30 lbs.

Turns _____ Cor'n _____ Depth 72.5 fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom gn. M., fine gy S

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 65° Time 1:57 P } Air { 63°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction S.S.W. Force 1

Baromet. 30.14 Amt. of Clouds .8 State of Sea M.

Weather bc. fog

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Tillamook Head Light bears S 63 1/2° E (true) distant 18.0 miles
Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mrs. Cassidy Recorder C.E. DeLong
11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.	M. Down.		Up.	M.	
15440	15640			0			
15520	15530		72 1/2	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. 6235 Date, Sept 5, 1915
Hydrog. }
Sdg. Mch. Slect Reel 81 Shot Lead 30 lbs.
Turns Cor'n Depth 71 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample
Character of Bottom gn. M., fine gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 57° Time 2:20 P } Air { 63°
 { { { Time

Density: Surf. fms.

Wind: Direction S.S.W Force

Baromet. 30.14 Amt. of Clouds 8 State of Sea S

Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon coast

Position Tillamook Head Light bears S 60 3/4° E (true) distant 18.4 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer M. Cassidy Recorder C. E. DeLong

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		M. Down.	Up.	M.
2 15 40	2 17 10		0			
2 16 20	2 16 25	71	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			

Trawl No. 6236 Date, Sept 5, 1915

Sdg. Mch. Elect Reel 6h Shot Lead 30 lbs.

Turns Cor'n Depth 70.5 fms.

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

Character of Bottom gm M., fine gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 57° Time 2:35 P } Air { 63° Time

Density: Surf. fms.

Wind: Direction S.W. Force

Baromet. 30.14 Amt. of Clouds 9 State of Sea L

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Head Light bears S 58 1/4° E (true) distant 18.8 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 Cassidy Recorder C. W. Long

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
P.M. Down.		Up.	P.M.				M. Down.	Up.	M.
2	30	20	2	32	00	0			
2	30	50	2	30	55	100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

Hydrog. No. 6237 Date, Sept 5, 1915
Sdg. Mch. Collect Reel 62 Shot Lead 30 lbs.
Turns Cor'n Depth 69 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample
Character of Bottom gn. M., fine gys

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 57° Time 2:47 P } Air { 63° Time

Density: Surf. fms.

Wind: Direction S.S.W. Force 1

Baromet. 30.14 Amt. of Clouds 8 State of Sea L

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Tillamook Head Light bears S 55 3/4 E (true) distant 19.4 miles
Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassidy Recorder C.E. DeLong

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<u>P</u> M. Down.	Up.	<u>P</u> M.		<u>---</u> M. Down.	Up.	<u>---</u> M.
2 46 00	2 47 20		0			
2 46 25	2 46 35		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			

Trawl } No. 6238 Date, Sept. 15, 1915

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

Turns Cor'n Depth 68 fms.

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

Character of Bottom fine gy. S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 57 Time 3:00 P } Air { 63 Time

Density: Surf. fms.

Wind: Direction S.W. Force 1

Baromet. 30.15 Amt. of Clouds .8 State of Sea L.

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Head light bears S 53° E (true) distant 19.8 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. Cassidy Recorder C. E. Redding

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.	M. Down.		Up.	M.	
3 00 30	3 01	50		0			
3 00 55	3 01	00	68	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. 6239 Date, Sept 5, 1914
Hydrog. }

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

Turns Cor'n Depth 70.5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy S, gn M

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 63.57 Time 3:30 P } Air { 63 5/10

Density: Surf. fms.

Wind: Direction S.W. Force 1

Baromet. 30.15 Amt. of Clouds .8 State of Sea L

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Tillamook Head light bears S59°E (true) distant 19.5 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. Cassidy Recorder C. E. Reding

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. DOWN.	UP.	P. M.		--- M. DOWN.	UP.	--- M.
3 27 35	3	29 10	0			
3 28 10	3	28 20	70 1/2 100			
			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. 6240 Date, Sept 5, 1916
Hydrog. }

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

Turns _____ Cor'n _____ Depth 72 fms.

Sdg. Cup *Priming (soft cap)* Amt. Bot'm Sample _____

Character of Bottom *gy. S; fine gy S*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *57* Time *3:45 P* } Air { *63*
 { *63* } { *47.0*
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

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

Baromet. *30.15* Amt. of Clouds *.7* State of Sea *L.*

Weather *bc*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Oregon coast*

Position *Tillamook Head Light bears S 61 3/4° E (true)*

Chart used: No. *6100* Ed'n *distant 19.5 miles*

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mr. Cassidy* Recorder *C. E. DeLong*

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
P. M. Down.	Up.	Q. M.				M. Down.	Up.	M.
2	42	40	3	44	10			
3	43	10	3	43	25			
					72			
					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. 6241 Date, Sept 5, 1915
 Hydrog. }
 Sdg. Mch. Electric Reel Cbc Shot 30 lbs.
 Lead }
 Turns _____ Cor'n _____ Depth 73 fms.
 Sdg. Cup (mud soft soap) Amt. Bot'm Sample _____
 Character of Bottom Green mud, fine gy S

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57° Time 4:00 } Air { 63°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction S.S.W. Force 1

Baromet. 30.12 Amt. of Clouds 6 State of Sea L

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S 64 1/2° E (true) distant 19.5 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Cassidy Recorder Parker

SOUNDING WIRE.			DREDGING CABLE.			FMS.
M. Down.	Up.	M.	M. Down.	Up.	M.	
3	57	00	3	58	30	0
3	57	30	3	57	35	73
						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-Hydrog. No. 1242 Date, Sept 5, 1915
Sdg. Mch. Electric Reel Elk Shot Lead 30 lbs.
Turns _____ Cor'n _____ Depth 70 fms.

Sdg. Cup (Pomroy's) Amt. Bot'm Sample _____
Character of Bottom Green mud, fine gy S

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57' Time 4:13 } Air { 63
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction SSW Force 1

Baromet. 30.12 Amt. of Clouds 6 State of Sea 2

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S 67 1/4° E (true) distant 19.5 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. Glick Recorder Parker

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
M. Down.		Up.	P. M.				M. Down.	Up.	M.
4	09	45	4	11	30	0			
4	10	15	4	10	25	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			

Hydrog. } No. 6243 Date, Sept. 5, 1915
 Sdg. Mch. Electric Reel Elec Shot/Lead 30 lbs.
 Turns _____ Cor'n _____ Depth 75 fms.
 Sdg. Cup _____ Amt. Bot'm Sample _____
 Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57° Time 4:25 } Air { 63°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction S.S.W. Force 1

Baromet. 30.12 Amt. of Clouds 6 State of Sea 2

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S70°E (true) distant 19.6 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. Glick Recorder Parker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		M. Down.	Up.	M.
4	23	32	4	24	20	
4	23	05	4	23	20	
				0		
				75 100		
				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. 6244 Date, Sept 5, 1915
 Hydrog. }
 Sdg. Mch. Electric Reel Eld Shot/Lead 30 lbs.
 Turns _____ Cor'n _____ Depth 78 fms.
 Sdg. Cup (Herring soft cup) Amt. Bot'm Sample _____
 Character of Bottom Green mud, fine gy S

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57° Time 4:41 } Air { 63°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction SSW Force 1

Baromet. 30.12 Amt. of Clouds 6 State of Sea L

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S 73° E (true)

Chart used: No. 6100 Ed'n distant 19.7 miles

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Blick Recorder Parker

SOUNDING WIRE.

FMS.

DREDGING CABLE.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0			
4 37 18	4 39 20		78-100			
4 37 50	4 38 00		200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 6245 Date, Sept 5, 19 15
Hydrog. }

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

Turns _____ Cor'n _____ Depth 78 fms.

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

Character of Bottom Green mud, fine gy S

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57° Time 5:04 } Air { 63°
Time _____

Density: Surf. _____ fms. _____

Wind: Direction S.W. Force 1

Baromet. 30.12 Amt. of Clouds 7 State of Sea 2

Weather bc.

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Tillamook Head Light bears S 78° E (true) distant 20.2 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Glick Recorder Parker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5 01 20	5 03 15		0			
5 01 50	5 02 10		78 100			
			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. 6246 Date, Sept 5, 1915
Hydrog. }

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

Turns Cor'n Depth 86 fms.

Sdg. Cup (Fanning cup) Amt. Bot'm Sample

Character of Bottom Green mud

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 57° Time 5:38 } Air { 63°

Density: Surf. fms.

Wind: Direction S.W. Force 1

Baromet. 30.12 Amt. of Clouds 7 State of Sea 2

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Tillamook Head Light bears S 86° E (true) distant 21.2 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. Blick Recorder Parker

Bridge Hydrog. No. 6247 Date, Sept 5, 1915
 Sdg. Mch. Elich Reel Elich Shot 30 lbs.
 Turns _____ Cor'n _____ Depth 86 fms.
 Sdg. Cup Soft soap Amt. Bot'm Sample _____
 Character of Bottom Green mud fine gy S

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

Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { 57 Time 6 15 } Air { 62.0
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____
 Wind: Direction SW Force 1
 Baromet. 30.11 Amt. of Clouds 9 State of Sea 2
 Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S 8 1/2° E (true)
distant 21.9 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. Blick Recorder Blick

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P M. DOWN.		UP.	P M.		M. DOWN.	UP.	M.
6	10	20	1225	0			
	11	00	6 11 20	86			
				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. 6248 Date, Sept 5, 1915
 Hydrog. }
 Sdg. Mch. Elect Reel 84 Shot Lead 30 lbs.
 Turns _____ Cor'n _____ Depth 84 fms.
 Sdg. Cup Soft soap Amt. Bot'm Sample _____
 Character of Bottom blue Lead

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

Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { 57 Time 6:47 } Air { 62.0 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction SW Force 1

Baromet. 30.11 Amt. of Clouds 8 State of Sea 4

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Tillamook Head Light bears S 77° E (true) distant 22.6 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Shepley Recorder Blaker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6 44 45		47 00	0			
45 30	6 45 40		8 100			
			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			

Bridge } No. 6249 Date, Sept 5, 1915
 Hydrog. }
 Sdg. Mch. Elect Reel Ed Shot/Lead 30 lbs.
 Turns _____ Cor'n _____ Depth 84 fms.
 Sdg. Cup Soft soap Amt. Bot'm Sample _____
 Character of Bottom Green mud, fegys

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

Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { 56 Time 7:03 } Air { 60°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction NW Force 1

Baromet. 30.12 Amt. of Clouds 5 State of Sea 8

Weather bcg

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off Oregon coast

Position Tillamook Head Light bears S 75° E (true)

Chart used: No. 6100 Ed'n distant 23.0 miles

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr Shepley Recorder Blake

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.	M. Down.		Up.	M.	
7	02 05	04 25		0			
	02 40	7 02 45		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. 6250 Date, Sept 5, 1912
 Hydrog. }
 Sdg. Mch. Elect Reel 21 ~~Shot~~ 30 lbs.
 Lead
 Turns _____ Cor'n _____ Depth 87 fms.
 Sdg. Cup Soft Scoop Amt. Bot'm Sample _____
 Character of Bottom Green Mud fine gy S

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

Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { 56 Time 7:31 } Air { 60°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction NW Force 1

Baromet. 30.12 Amt. of Clouds 5 State of Sea 2

Weather bcy

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S 73° E (true) distant 23.5 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 Shepley Recorder Blaker

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7	18	25	0			
	19	00	100			
	7	19	200			
		10	300			
		87	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			

29

Hydrog. No. 6251 Date, Sept 5, 1915
Sdg. Mch. Elect Reel 30 lbs.
Turns _____ Cor'n _____ Depth 81 fms.
Sdg. Cup Coftarap Amt. Bot'm Sample _____
Character of Bottom Green mud, fine gy s

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 56 Time 7³⁶/₁₁ } Air { 60°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction NW Force 1

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

Weather bcy

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Tillamook Head Light bears S 71° E (true) distant 24.1 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 Shipley Recorder Blacker
11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.	M. Down.		Up.	M.	
7 35 00		36 50		0			
35 20	7	35 30		86 ¹⁰⁰			
				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. 6252 Date, Sept 5, 1915
Sdg. Mch. Slect Reel 62 Shot/Lead 30 lbs.

Turns _____ Cor'n _____ Depth 81 fms.

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

Character of Bottom Blue shale, fine gravel gran shale

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 53- Time 8:05 P } Air { 60°
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction NW Force 1

Baromet. 30.12 Amt. of Clouds 5 State of Sea 2

Weather bcg

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Columbia River

Position Tillamook Head Light bears S 67 1/2° E (true) distant 25.2 miles
Col. Light bears N 71° E (true) dist 17 1/2 mi.

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Cassidy Recorder C. B. Dalong
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
8 02 30	8 04 20		0			
8 03 10	8 03 20		51 100			
			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. 6253 Date, Sept 5, 1915
 Sdg. Mch. 8 feet Reel 2L ~~Sig.~~ Lead 30 lbs.
 Turns _____ Cor'n _____ Depth 88 fms.

Sdg. Cup Soft soap Amt. Bot'm Sample _____
 Character of Bottom gn. sh.; 88 fine gy S

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 55° Time _____ } Air { 60°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction N.W. Force 1

Baromet. 30.12 Amt. of Clouds .1 State of Sea L.

Weather bz.

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Columbia River

Position Tillamook Head Light bears S 64° E (true) distant 26.3 miles
 Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Cassidy Recorder A. R. Long
 11-1024

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
8	31	00	8	33	00	0
8	31	40	8	31	30	88 100
						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. 6254 Date, Sept 5, 1921
 Sdg. Mch. Slett Reel 82 Sheets 30 lbs.
 Lead
 Turns _____ Cor'n _____ Depth 93 fms.
 Sdg. Cup Soft Soap Amt. Bot'm Sample _____
 Character of Bottom No sample

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 9:05 P } Air { 59°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction N.W. Force 1

Baromet. 30.11 Amt. of Clouds .2 State of Sea L

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Columbia River

Position Tillamook Head Light bears S 61 1/2° E (true) distant 27.5 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 Cassidy Recorder C. E. DeLong
 11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up.		M. Down.	Up.	M.
9 00 30	9 02 35	0			
9 01 10	9 01 20	93 400			
		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. 6255 Date, Sept 2, 1915

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

Turns _____ Cor'n _____ Depth 95 fms.

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

Character of Bottom fine gy S, gn m

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 9:21 } Air { 59°
Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction N. E. Force 1

Baromet. 30.11 Amt. of Clouds 2 State of Sea L

Weather b. c.

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality off Columbia River

Position Tillamook Head Light bears S 60° E (true)
distant 28.1 miles

Chart used: No. 6100 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mc Cassidy Recorder C. E. Mc Long

SOUNDING WIRE			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9 18 10	9 20 20		0			
9 18 50	9 19 00		95-100-			
			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. 6256 Date, Sept 5, 1916
 Hydrog. }
 Sdg. Mch. Elect Reel Elect Shot 30 lbs.
 Lead

Turns _____ Cor'n _____ Depth 101 fms.

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

Character of Bottom *fine gy S, gm m.*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *54°* Time *9:40 P* } Air { *59°*
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

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

Baromet. *30.11* Amt. of Clouds *2* State of Sea *S*

Weather *bcz*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Oregon coast*

Position *Tillamook Head Light bears S59°E (true)*
distance 28.7 miles

Chart used: No. *6100* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mr Cassidy* Recorder *C. E. Long*

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P. M. Down.		Up. P. M.			M. Down.		Up. M.	
9	36	10	9	0				
9	37	00	9	100				
			38	200				
			20	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. 6257 Date, Sept 5, 1915

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

Turns Cor'n Depth 224 fms.

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

Character of Bottom *fine gy. S.*

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 10:00 P } Air { 56°
 { Time }

Density: Surf. fms.

Wind: Direction *N.W.* Force 1

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

Weather *bc*

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality *Off Oregon coast*

Position *Tillamook Head Light bears S 57 1/2° E (true)
distant 29.4 miles*

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *Mr Cassidy* Recorder *C. E. Long*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<u>P</u> M. Down.	Up.	<u>P</u> M.		<u>---</u> M. Down.	Up.	<u>---</u> M.
95340	95550		0			
95830	95840	224	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 6268 Date, Sept 5, 1915
Hydrog. }
Sdg. Mch. Elect Reel Elect. Shot/Lead 30 lbs.
Turns _____ Cor'n _____ Depth 285 fms.

Sdg. Cup *Winning (soft smp)* Amt. Bot'm Sample _____
Character of Bottom *No bottom at 285 fath.*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 53° Time 10:40P } Air { 56°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *N.W.* Force *1*

Baromet. *30.12* Amt. of Clouds *2* State of Sea *L*

Weather *bc*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Oregon coast*

Position *Tillamook Head Light bears S 55° E (true) distant 27.6 mile*

Chart used: No. *6100* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: *No bottom with all wire on reel (285 fath.)*

*This book checked
R.T.A.*

Deck Officer *Mr. Cassidy* Recorder *C.E. DeLong*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		M. Down.	Up.	M.
10 32 50	10 39	20	0			
10 35 10	10 35	20	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
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