

Hydro. 5415-5464

May 3-5, 1914

Oregon Coast

2.

May 3 - May 5, 1914.

Hydro. 5415 - 5464

Hydrog. No. 5415 Date, May 3, 1914

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

Turns _____ Cor'n _____ Depth 83 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. { 52 Time 1:40 P.M. Air { 54.5

Density: Surf. _____ fms. _____

Wind: Direction N.W x W Force 4.5

Baromet. 30.21 Amt. of Clouds 7 State of Sea C

Weather B C Z

Direction and Force of Current { Surface _____ Bottom _____

Tide _____

General Locality off Oregon Coast

Position Yaquina Light bears S 15 1/2 E (true) distant 21.9 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 C Clark

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
11:40 G. 711			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. 5416 Date, May 3, 1914
Hydrog. }
Sdg. Mch. T N Reel T N Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 92 fms.
Sdg. Cup *Timing in lead* Amt. Bot'm Sample _____
Character of Bottom *gn. M*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52° Time 11:57 a.m. } Air { 54.5°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *NW by W* Force *4-5*

Baromet. *30.21* Amt. of Clouds *7* State of Sea *C*

Weather *b. c.*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off the Oregon Coast.*

Position *Yaquina Light bears S 15 1/2° E (true) distant 22.6 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 *J. T. White*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
57			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			
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			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5417 Date, July 3, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 85 fms.
Sdg. Cup Arming in lead Amt. Bot'm Sample _____
Character of Bottom gy S.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52° Time 12:22 P.M. } Air { 55°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction NW by W Force 4-5

Baromet. 30.21 Amt. of Clouds 7 State of Sea C

Weather fog.

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Of Oregon Coast.

Position Yaquina Light bears S13°E (true) distant 23.0 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. Pippo Recorder Stahil -

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
12	22		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. 5418 Date, May 3, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 98 fms.
Sdg. Cup Arming in lead Amt. Bot'm Sample _____
Character of Bottom gn M.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 12:58 p. } Air { 54°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction NW by W Force 4-5

Baromet. 30.73 Amt. of Clouds 3 State of Sea 1

Weather fog

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Of Oregon Coast

Position Yaquina Light bears S15 1/2° E (true) distant 24.1 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 Frankel

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
12	18		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Trawl Hydrog. No. 3419 Date, May 3, 1914
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 100 fms.

Sdg. Cup *Armington lead* Amt. Bot'm Sample _____
Character of Bottom *gn M.*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *52* Time *1:40* } Air { *52*
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *WNW* Force *4*

Baromet. *30.24* Amt. of Clouds *3* State of Sea *1*

Weather *bcy*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Oregon Coast*

Position *Yaquina light bears S15°E (true) distant 26.2 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. Glast* Recorder *J. A. ...*

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P. M. Down.	Up. M. M. Down.		Up. M.		
1	40			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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				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. 5420 Date, May 3, 1914
Hydrog. }

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

Turns _____ Cor'n _____ Depth 112 206 fms.

Sdg. Cup *Arising 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. { *52* Time *2:20 P* } Air { *56*
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction *WNW* Force *4*

Baromet. *30.73* Amt. of Clouds *3* State of Sea *2*

Weather *bcy*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Oregon Coast*

Position *Yaquina Light bears S15°E (true) distant 28.4 miles*

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mr. Glick* Recorder *Stratton*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2	20		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
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			1600			
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			2800			
			2900			
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			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P M. Down.		Up.	M.		M. Down.	Up.	M.	
3	00			0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
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				2200				
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				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
3	5		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			

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.	M. Down.		Up.	M.	
4	5-630	5	00 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. 5424 Date, May 3, 1914
Hydrog. }

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

Turns Cor'n Depth 198 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gn. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50° Time 5-50 } Air { 64° Time

Density: Surf. fms.

Wind: Direction N. N. W. Force 2-3

Baromet. 30.23 Amt. of Clouds .8 State of Sea L

Weather bcg

Direction and Force of Current { Surface Bottom

Tide

General Locality off Oregon coast

Position Cape Mearns Light bears N 57 1/2° E (true) distant 17.1 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time 6.00 P.M. Wet bulb 47.0 Dry bulb 51.0

Deck Officer Ch. Brown Mackenzie Recorder C. E. Red Long

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P. M. Down.	Up.	P. M.			M. Down.	Up.	M.	
5-46-00		5-50-00		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. 5425 Date, May 3, 1914
Hydrog. }

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

Turns Cor'n Depth 99 fms.

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

Character of Bottom gn M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50° Time 6:30 PM Air { 52°
Time

Density: Surf. fms.

Wind: Direction N.W. Force 2

Baromet. 30.23 Amt. of Clouds .3 State of Sea L

Weather fog

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Cape Meares Light bears N 70° E (true) distant 17.0 miles
Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Ross Mahoney Recorder C. R. Long 11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up. P M.				M. Down.		Up.		M.	
6	28	00	6	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. 5426 Date, May 3, 1914
Hydrog. }

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

Turns Cor'n Depth 106 fms.

Sdg. Cup *Aluminum lead* Apt. Bot'm Sample

Character of Bottom *gn. M.*

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50° Time 7:10 } Air { 52°
Time

Density: Surf. fms.

Wind: Direction *SW* Force 2

Baromet. 30.24 Amt. of Clouds 4 State of Sea *L*

Weather *bca*

Direction and Force of Current { Surface Bottom

Tide

General Locality *Off Oregon coast*

Position *Cape Meares light bears N 80° E (true) distant 16.6 miles*

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: *After sounding used "Alb. Bottom sampler" and new deck winch for getting bottom sample.*

Deck Officer *Bern Pippo* Recorder *C. E. Long*

SOUNDING WIRE.

P. M. DOWN.			UP. P. M.		
7	07	00	7	11	00

FMS.

~~DREDGING CABLE.~~

P. M. DOWN.			UP. P. M.		
7	19	00	7	21	54
7	19	49	7	19	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

7 19 00 7 21 54
7 19 49 7 19 55

Dredge } No. 5427 Date, May 4, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot 25 lbs.
Lead 183
Turns _____ Cor'n _____ Depth 100 fms.
Sdg. Cup soft cup - Amt. Bot'm Sample _____
Character of Bottom green mud -

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 6:09 AM } Air { 53 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

Baromet. 30.31 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 N86°E (true) distant 16.4 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. Papp Recorder C. Clark

SOUNDING WIRE.				FMS.	DREDGING CABLE.	
A. M. Down.		Up.	A. M.		A. M. Down.	Up. A. M.
6	29	30	6 34 -	0	Tow Net	
				100	7 05	7 22 30
				200		
				300		
				400	Cable parted	
				500	at	7:22:30 a.m.
				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. 5429 Date, May 4, 1914
Hydrog. }
Sdg. Mch. T N Reel T N Shot 25 lbs
Leads 184 fms.

Turns _____ Cor'n _____ Depth 100 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. { 52 Time 7:32 a.m. } Air { 54
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

Baromet. 30.31 Amt. of Clouds 4 State of Sea L

Weather _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Cape Meares Light bears S84°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: Time Wet bulb Dry bulb
8:00 P.M. 47.0 52.5

Deck Officer Mr Phipps Recorder C. Clark

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up.		M.	Up.	M.
A	A	0			
732	736	100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
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		3900			
		4000			
		4100			
		4200			
		4300			
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		4500			
		4600			
		4700			
		4800			
		4900			

4.
Dredge } No. 5430 Date, May 4, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 98 fms.
Sdg. Cup *Atkinson lead* Amt. Bot'm Sample _____
Character of Bottom *hard br. M*

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____
Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { *52* Time *8.34 a.* Air { *55*
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____
Wind: Direction *Calm* Force *0*
Baromet. *30.21* Amt. of Clouds *5* State of Sea *L.*
Weather *bc*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Oregon Coast*

Position *Cape Mearns Light bears S76°E (true) distant*
Chart used: No. *6100* Ed'n *17.9 miles*

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mr. Glick* Recorder *J. Attili*
11-1023

SOUNDING WIRE.

A. M. Down. Up. M.

FMS.

DREDGING CABLE.

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

8 34

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3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

5 /
Dredge } No. 5431 Date, May 4, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs
184

Turns _____ Cor'n _____ Depth 100 fms.
Sdg. Cup Arming Amt. Bot'm Sample _____
Character of Bottom gn M.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 8:49 a. } Air { 55 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction NE by N Force 0-1

Baromet. 30.31 Amt. of Clouds 5 State of Sea I.

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Oregon Coast

Position Cape Mearns Light bears S74°E (true) distant 18.3 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. Glick Recorder A. Attili -

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
849			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
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			4700			
			4800			
			4900			

6/ Dredge } No. 3432 Date, May 4, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs. 178
Turns _____ Cor'n _____ Depth 97 fms.
Sdg. Cup *Atting* Amt. Bot'm Sample _____
Character of Bottom *gn M*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *52* Time *9:25 a* } Air { *5*
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

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

Baromet. *30.31* Amt. of Clouds *5* State of Sea *L*

Weather *bc*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Oregon Coast*

Position *Cape Meares Light bears S67 1/2° E (true) distant 20.4 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. Glick* Recorder *Atting*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A.M. Down.	Up.	M.		M. Down.	Up.	M.
9 25			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
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			3900			
			4000			
			4100			
			4200			
			4300			
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			4500			
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			4700			
			4800			
			4900			

T/
Dredge } No. 5433 Date, May 4, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 95 fms.

Sdg. Cup *Armstrong in lead* Amt. Bot'm Sample _____
Character of Bottom *gn M*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *52* Time *9:56 a.m.* } Air { *55*
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *NNE* Force *1*

Baromet. *30.31* Amt. of Clouds *5* State of Sea *I*

Weather *bc*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Oregon Coast.*

Position *Tillamook Light bears N46 1/2° E (true) distant 25.5 miles*

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

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Jr. Glick* Recorder *Stratton*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A. M. Down.	Up.	M.		M. Down.	Up.	M.
9	52		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			3900			
			4000			
			4100			
			4200			
			4300			
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			4500			
			4600			
			4700			
			4800			
			4900			

8.

Dredge } No. 5434 Date, Jan 4, 1914
 Hydrog. }
 Sdg. Mch. TX Reel TN Shot Lead 25 lbs.
 Turns _____ Cor'n _____ Depth 95 fms.
 Sdg. Cup *Grinding* Amt. Bot'm Sample _____
 Character of Bottom *sft gm JT*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *52°* Time *10:35 a* } Air { *55°*
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *NNE* Force *1*

Baromet. *30.32* Amt. of Clouds *4* State of Sea *L*

Weather *bc*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Oregon Coast*

Position *Tillamook Light bears N52°E (true) distant 25.0 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 *Fruhil*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
10	35		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
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			3900			
			4000			
			4100			
			4200			
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			4500			
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			4800			
			4900			

9.
Dredge } No. 5435 Date, July 4, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 95 175 fms.
Sdg. Cup Arming Amt. Bot'm Sample _____
Character of Bottom sft gn JT

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 11:08 a. } Air { 55
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction NNEV Force 1

Baromet. 30.32 Amt. of Clouds 3 State of Sea I.

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Oregon Coast

Position Tillamook Light bears N 59° E (true) distant 24.9 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 Arntkil

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A. M. Down.	Up.	M.		M. Down.	Up.	M.
11	08		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			2800			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
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			4700			
			4800			
			4900			

10/

Dredge } No. 5436 Date, May 4, 1914
 Hydrog. }
 Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
 Turns _____ Cor'n _____ Depth 97 179 fms.
 Sdg. Cup *ATMINE on lead* Amt. Bot'm Sample _____
 Character of Bottom *sft gn M*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 11:41 a. } Air { 59°
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction *NNW* Force *1*

Baromet. *30.32* Amt. of Clouds *3* State of Sea *L*

Weather _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Oregon Coast*

Position *Tillamook light bears N 66 1/2° E (true) distant 24.9 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 *ATMINE*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
11	41		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
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			1100			
			1200			
			1300			
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			1500			
			1600			
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			4300			
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			4800			
			4900			

11.
Dredge } No. 5437 Date, May 4, 1914
Hydrog. }
Sdg. Mch. T.N. Reel 775 Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 159 meters 87 fms.
Sdg. Cup *PTMing on lead* Amt. Bot'm Sample _____
Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 12:15 } Air { 60.5
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

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

Baromet. 30.32 Amt. of Clouds 1 State of Sea L

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Oregon Coast.

Position Tillamook Light bears N 73 1/2 E (true) distant 25.4 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
1:30 P.M. 48.5 53.0
6:00 P.M. 55.0 62.5

Deck Officer *Boon Glick* Recorder *C. E. DeLong*

SOUNDING WIRE.						FMS.	DREDGING CABLE.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Dredge } No. 5438 Date, May 5, 1914
 Hydrog. }

Sdg. Mch. T.M. Reel _____ Shot 25 lbs.
 Lead 97 meters

Turns _____ Cor'n _____ Depth 51 fms.

Sdg. Cup Running 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. { 51° Time _____ } Air { 52.5°
 Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction N.W. Force 1-2

Baromet. 30.20 Amt. of Clouds 0 State of Sea 2

Weather by

Direction and Force of Current { Surface _____
 Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Heceta Light bears S68°E (true) distant 25.2 miles
 Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:
Time AT Wet Dry bulb
1:30 P.M. 48.5 53.0
6:00 P.M. 58.0 62.5

Deck Officer Boan Glick Recorder C. C. Long
 11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
9 M. Down.	Up.	9 M.	--- M. Down.		Up.	--- M.		
5	01	00	5	02	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				
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				4000				
				4100				
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				4300				
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				4700				
				4800				
				4900				

2
Dredge } No. 5439 Date, May 6, 1914
Hydrog. }
Sdg. Mch. T.M. Reel Shot } 25 lbs.
Lead } 87 meters
Turns _____ Cor'n _____ Depth 47 fms.
Sdg. Cup *Running on lead* Amt. Bot'm Sample _____
Character of Bottom *blk. S.*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 51° Time 5:25 a } Air { 62.5°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *S.W.* Force 2

Baromet. 30.20 Amt. of Clouds 0 State of Sea *S*

Weather *by*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Oregon Coast.*

Position *Heceta Light bears S 69° E (true) distant 25.9 miles*

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Ross Glick* Recorder *C. E. DeLong*

Hydrog. } No. 3440 Date, May 5, 1914

Sdg. Mch. T. H. Reel ~~500~~ Lead 25 lbs.

Turns _____ Cor'n _____ Depth 71 meters 49 fms.

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

Character of Bottom fine blk s.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57° Time 5:40 a.m. } 5-3
 { _____ Time _____ } Air { _____

Density: Surf. _____ fms. _____

Wind: Direction N.W. Force 2

Baromet. 30.20 Amt. of Clouds 0 State of Sea S.

Weather bz

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Oregon Coast

Position Heceta Light bears S70°E (true) distant 26.6 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Boen Glick Recorder C. DeLong

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
A. M. DOWN.		UP.	A. M.		M. DOWN.	UP.	M.
5	35	00	5	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. 5-441 Date, May 5, 1914
Hydrog. }
Sdg. Mch. T. M. Reel Shot Lead 25 lbs.
30 meters
Turns Cor'n Depth 43 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample
Character of Bottom blk. S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 5:50 am Air { 53°
Time

Density: Surf. fms.

Wind: Direction N. W. Force 2

Baromet. 30.21 Amt. of Clouds 0 State of Sea S

Weather b.

Direction and Force of Current { Surface
Bottom

Tide

General Locality off Oregon coast.

Position Neceta Light bears S 70 1/2° E (true) distant 26.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Ellick Recorder C. O. DeLong
11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
A. M. DOWN.	UP. A. M.		M. DOWN.	UP.	M.
5 45 00	5 47 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			

5
Trawl No. 5-442 Date, May 5, 1914

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

Turns Cor'n Depth 49 fms.

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

Character of Bottom Sd.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 57.0 Time 6:52.9 } Air { 53.0 Time

Density: Surf. fms.

Wind: Direction S.W. Force 2

Baromet. 30.21 Amt. of Clouds 0 State of Sea 2

Weather b.

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Hecceta Light bears S71 1/2° E (true) distant 27.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Bowen Glick Recorder C.E. DeLong

SOUNDING WIRE.						FMS.	DREDGING CABLE.								
A.M. Down.			Up. A.M.				M. Down.			Up. M.					
5	5	6	00	5	5	8	00	0							
								100							
								200							
								300							
								400							
								500							
								600							
								700							
								800							
								900							
								1000							
								1100							
								1200							
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								1700							
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								1900							
								2000							
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								2800							
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								4000							
								4100							
								4200							
								4300							
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								4600							
								4700							
								4800							
								4900							

H 5443

Tredge } No. 5443 Date, May 5, 1914
 Hydrog. }
 Sdg. Mch. T. N. Reel Shot Lead 25 lbs.
 93 meters
 Turns Cor'n Depth 50 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample
 Character of Bottom broken

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 6:08am } Air { 55°
 Time

Density: Surf. fms.

Wind: Direction N.W. Force 2

Baromet. 30.21 Amt. of Clouds 0 State of Sea S

Weather b

Direction and Force of Current { Surface
 Bottom

Tide

General Locality Off Oregon coast

Position Necata Light bears S 72° E (true) distant 28.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Glick Recorder C. C. [Signature]

SOUNDING WIRE.				FMS.	DREDGING CABLE.						
9 M. Down.		Up.	9 M.		M. Down.	Up.	M.				
6	08	00	6	10	00						
				0							
				100							
				200							
				300							
				400							
				500							
				600							
				700							
				800							
				900							
				1000							
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				1200							
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				2800							
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				3000							
				3100							
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				4000							
				4100							
				4200							
				4300							
				4400							
				4500							
				4600							
				4700							
				4800							
				4900							

Hydrog. } No. 5444 Date, May 5, 1914

Sdg. Mch. T.M. Reel Shot Lead 25 lbs. 112 meters

Turns Cor'n Depth 61 fms.

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

Character of Bottom good

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 6:25 } Air { 57°

Density: Surf. fms.

Wind: Direction N.W. Force 2

Baromet. 30.21 Amt. of Clouds 0 State of Sea X

Weather b

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Necata Light bears S 74° E (true) distant 28.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Glick Recorder C. H. Long 11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
<i>9</i> M. Down.	Up. <i>9</i> M.		--- M. Down.	Up. --- M.
<i>62100</i>	<i>62400</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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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		

8

Dredge } No. 5445 Date, May 5, 1914
Hydrog. }
Sdg. Mch. T.M. Reel Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 62 fms.
Sdg. Cup Arming on lead Amt. Bot'm Sample _____
Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57° Time 6:35- } Air { 56°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction N.W. Force 2

Baromet. 30.22 Amt. of Clouds 1 State of Sea 2

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Heceta light bears S75° E (true) distant 29.3 miles
Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Boas Glick Recorder C.E. DeLong

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
9. M. Down.	Up. 9. M.		--- M. Down.	Up.	--- M.
63200	63800	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
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		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

9
Dredge } No. 5446 Date, May 5, 1914
Hydrog. }

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

Turns _____ Cor'n _____ Depth 61 fms.

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

Character of Bottom fine gravel

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 51° Time 6:47 } Air { 65°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction S.W. Force 2

Baromet. 30.22 Amt. of Clouds 1 State of Sea S

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Neceta Light bears S75°E (true) distant 28.7 miles
Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Bron Elich Recorder C.E. DeLong

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
648	00	657	00			
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			1400			
			1500			
			1600			
			1700			
			1800			
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			2000			
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			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

10

Sta H 5448^W below

Dredge } No. 5447 Date, May 5, 1914
Hydrog. }

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

Turns Cor'n Depth 61 fms.

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

Character of Bottom Hard

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 7:00 } Air { 55°

Density: Surf. fms.

Wind: Direction N.E. Force 2

Baromet. 30 Amt. of Clouds 2 State of Sea 2

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears S74°E (true) distant 28.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Lowered one dory with two fishermen at 7:02, then slant N. 23° from 7:03 until 7:05 & lowered 2nd dory at 7:08 with 2 fishermen

= Second dory lower

Position: Heceta Light bears S73½ E (true) distant 28.7 miles Chart 6000

Deck Officer Boss Chick Recorder C. B. Long

SOUNDING WIRE.

FMS.

DREDGING CABLE.

A M. Down. Up. Q. M.

M. Down. Up. M.

6 58 00 7 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

#1 dory returned at 9:58 a.m.
#2 dory returned at 10:07 a.m.

ed at Sta H5448

Time	Wet bulb	Dry bulb
8:00	57.5	53.0

12 ~~Sta. 5448~~ ^{10 on} ~~preceding~~
 Bridge } No. 5449 Date, May 3, 1914
 Hydrog. }
 Sdg. Mch. TN Reel TN Shot 25 lbs.
 Leads 114
 Turns _____ Cor'n _____ Depth 62 fms.
 Sdg. Cup soft soap Amt. Bot'm Sample _____
 Character of Bottom Hard mud -
 Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____
 Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { 52 Time 10:23 AM } Air { 56
 { _____ Time _____ } { _____
 Density: Surf. _____ fms. _____
 Wind: Direction N.W. Force 3
 Baromet. 30.22 Amt. of Clouds 1 State of Sea L
 Weather B.C.Z
 Direction and Force of Current { Surface _____
 { Bottom _____
 Tide _____
 General Locality off Oregon Coast
 Position Heceta Light bears S70 1/2 E (true) distant 29.3 miles
 Chart used: No. 6000 Ed'n _____
 Drift: Direction _____ Distance _____
 Depth of Haul _____
 Apparatus and Rig used _____
 Time towing _____ h. _____ m.
 Remarks: _____
 Deck Officer M. Mahoney Recorder C. P. Cook
 11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

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

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

10 23 30 10 26

- 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

3
~~Hydrog.~~ No. 5450 Date, May 5, 1914
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
119
Turns _____ Cor'n _____ Depth 65 fms.

Sdg. Cup Soft soap Amt. Bot'm Sample _____
Character of Bottom hard mud

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 10:39 AM } Air { 58
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction N.N.W Force 3

Baromet. 30.22 Amt. of Clouds 2 State of Sea L

Weather BCZ

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Heceta Light bears S68 1/2° E (true) distant 28.6 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 Mahoney Recorder C. Clark

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

10 39 10 42

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

14
Dredge } No. 5437 Date, May 5, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot 25 lbs.
Lead 100

Turns _____ Cor'n _____ Depth 54 fms.
Sdg. Cup soft soup Amt. Bot'm Sample _____
Character of Bottom yellow mud -

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 11:18 AM Air { 58
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction N.N.W Force 3

Baromet. 30.22 Amt. of Clouds 2 State of Sea L

Weather b c z

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off Oregon coast

Position Heceta Light bears S66 1/2° E (true) distant 28.7 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. Mahony Recorder C. C. Cook
11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
A. M. DOWN.	UP. A. M.		M. DOWN.	UP.	M.
11:18	11 20	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
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		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

15
Dredge } No. 5452 Date, May 5, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs. 120
Turns _____ Cor'n _____ Depth 65 fms.

Sdg. Cup *Strming* Amt. Bot'm Sample _____
Character of Bottom *had gn TT*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *57* Time *12:01* } Air { *58*
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *NW* Force *3*

Baromet. *30.23* Amt. of Clouds *0* State of Sea *L*

Weather *bc.*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Coast of North Oregon*

Position *Heceta Light bears S63 1/2 E (true) distant 28.7 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. Stahroy* Recorder *Smith*

SOUNDING WIRE.			FMS.	DREDGING CABLE.					
<i>P</i> M. DOWN.	UP.	<i>U</i> M.		M. DOWN.	UP.	M.			
<i>12</i>	<i>01</i>	<i>12</i>	<i>04</i>	0					
				100					
				200					
				300					
				400					
				500					
				600					
				700					
				800					
				900					
				1000					
				1100					
				1200					
				1300					
				1400					
				1500					
				1600					
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				1800					
				1900					
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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					

16
Dredge } No. 5453 Date, July 5, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs. 32

Turns _____ Cor'n _____ Depth 72 fms.
Sdg. Cup *Artling* Amt. Bot'm Sample _____
Character of Bottom *fine S.G.*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *54* Time *12:44p* } Air { *62*
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *NW by W* Force *3-4*

Baromet. *30.22* Amt. of Clouds *0* State of Sea *L*

Weather *bz.*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Northern Coast of Oregon*

Position *Heceta Light bears S60°E (true) distant 29.0 miles*
Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

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

Deck Officer *Mr. Pippo* Recorder *Artling*
11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.	M. Down.		Up.	M.	
12	44	12	46	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			

17
Dredge } No. 5454 Date, May 5, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
79

Turns _____ Cor'n _____ Depth 79 fms.
Sdg. Cup *Strming* Amt. Bot'm Sample _____
Character of Bottom *gr M*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *54* Time *1:25* } Air { *62*
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *NW by W* Force *3-4*

Baromet. *30.22* Amt. of Clouds *0* State of Sea *I*

Weather *bc*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Northern Coast of Oregon*

Position *Heceta Light bears S57°E (true) distant 29.7 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 *J. Tuttle*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
175			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			

18
Dredge } No. 5455 Date, May 5, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
82¹⁵⁰ fms.

Turns _____ Cor'n _____ Depth _____
Sdg. Cup *Arming* Amt. Bot'm Sample _____
Character of Bottom *as bot 9*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *54* Time *2:08.3* } Air { *62*
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *WNW, W* Force *4*

Baromet. *30.22* Amt. of Clouds *0* State of Sea *I*

Weather *b3*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Northern Coast of Oregon*

Position *Neceta Light bears S48 1/2° E (true) distant 30.5 miles*

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mr. Papp* Recorder *Stratton*
11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.	M. Down.		Up.	M.	
2	08	2	11	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			

19
Dredge } No. 5456 Date, May 5, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 78 fms.
Sdg. Cup *Grading* Amt. Bot'm Sample _____
Character of Bottom *brk M*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *57* Time *2:20* } Air { *62* }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction *NW by W* Force *4*

Baromet. *30.22* Amt. of Clouds *0* State of Sea *I*

Weather *bc*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Northern Oregon Coast*

Position *Heceta Light bears S47 1/2° E (true) distant 30.7 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 *Aratit*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2	20	2	0			
		23	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			

20

Dredge } No. 5357 Date, May 5, 1914
Hydrog. }

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

Turns _____ Cor'n _____ Depth 79' 1/2 fms.

Sdg. Cup *Forming* Amt. Bot'm Sample _____

Character of Bottom *fine y/m*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time 2:38 } 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 *off Oregon coast*

Position *Heceta Light bears S47 1/2° E (true) distant 31.3 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. Pippo* Recorder *Arnold*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2	38	2	41			
			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			

2
Dredge } No. 5258 Date, May 5, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 162²⁹⁷ fms.
Sdg. Cup *Armig* Amt. Bot'm Sample _____
Character of Bottom *gn JT*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time 3:22 } 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 *Northern Oregon Coast*

Position *Yaquina Light bears N70°E (true) distant 25.4 miles*

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mr. Pappo* Recorder *ATM: J.*

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.	M. Down.		Up.	M.	
3 27	3 28			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. 5459 Date, May 5, 1914
Hydrog. }
Sdg. Mch. T.M. Reel Shot Lead 25 lbs.
245 meters
Turns _____ Cor'n _____ Depth 135 fms.

Sdg. Cup Arming on lead Apt. Bot'm Sample _____
Character of Bottom gm M.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54° Time 4:15 } Air { 62°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction N W x W Force 3-4

Baromet. 30.17 Amt. of Clouds 0 State of Sea C

Weather Bz

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Yaquina Light bears N 74 1/2° E (true) distant 23.4 miles
Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Boen Glick Recorder C. E. DeLong

SOUNDING WIRE.

FMS.

DREDGING CABLE.

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up.		M.	Up.	M.
40820	41400	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			

27
No. 5460 Date, May 1914

Sdg. Mch. T.M. Reel Shot/Lead 25 lbs.
Turns Cor'n Depth 89 fms.

Sdg. Cup Arriving on land Amt. Bot'm Sample
Character of Bottom brk R.; hd M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 5-00 } Air { 61°
Time

Density: Surf. fms.

Wind: Direction NW x W Force 3-4

Baromet. 30.16 Amt. of Clouds 0 State of Sea C

Weather bz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N81°E (true) distant 21.7 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ross Klich Recorder C. E. Long
11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. DOWN.		UP.	M.		M. DOWN.		UP.	M.
4	5300	4	5800	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				

27
Hydrog. No. 5461 Date, May 5, 1914
Sdg. Mch. T. U. Reel Shot Lead 25 lbs.
Turns Cor'n Depth 167 meters 91 fms.

Sdg. Cup T. U. Amt. Bot'm Sample
Character of Bottom fine gravel

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 5:10 P } Air { 60° Time

Density: Surf. fms.

Wind: Direction N.W. x W. Force 3-4

Baromet. 30.16 Amt. of Clouds 0 State of Sea c

Weather bz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast.

Position Yaquina Light bears N 82° E (true) distant 21.4 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ross Slick Recorder C. E. DeLong
11-1025

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		M. Down.	Up.	M.
5-05-30	5-10	00	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

25
Dredge } No. 5462 Date, May 5, 1914
Hydrog. }

Sdg. Mch. T.M. Reel Shot Lead 25 lbs. 169

Turns Cor'n Depth 92 fms.

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

Character of Bottom Green mud-

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

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction NW x W Force 3-4

Baromet. 30.16 Amt. of Clouds 0 State of Sea C

Weather fog

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears N 83° E (true) distant 21.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Glick Recorder C.E. DeLong

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5 18 00	5 22 00		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			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

26

Dredge } No. 5463 Date, May 5, 1914
Hydrog. }

Sdg. Mch. T.M. Reel Shot/Lead 35 lbs.
123 meters

Turns Cor'n Depth 89 fms.

Sdg. Cup Arming 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. { Time Air {

Density: Surf. fms.

Wind: Direction NNE x W Force 3-4

Baromet. 30 Amt. of Clouds 0 State of Sea C

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears N 84 1/2 E (true) distant 20.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boon Glick Recorder C.E. Polong

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P. M. Down.	Up.	P. M.	M. Down.		Up.	M.		
5	31	00	5	35	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				

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

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

Psychrometer
checked & C.T.
June 11, '14

6:54-

163

89

Ad M.

20!