Hydro. 5465 – 5513

May 5 - 7, 1914

Oregon Coast.

3

May 5 – May 7, 1914.

Hydro. 5465 - 5513

507

28

~~Dredge~~ Hydrog. No. 5465 Date, May 5, 1914

Sdg. Mch. T.M. Reel ~~Shot~~ Lead 25 lbs. 16 2 meters

Turns Cor'n Depth 89 fms.

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

Character of Bottom hd. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 6:00 P / Time Air 60°

Density: Surf. fms.

Wind: Direction N x W Force 3-4

Baromet. 30.14 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 N87° E (true) distant 20.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Rosu Glick Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up. P M.				___ M. Down.			Up. ___ M.		
5-55-00			5-55-00			0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						1500						
						1600						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

29

~~Dredge~~ Hydrog. No. 5466 Date, May 5, 1914

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

Turns 164 meters Cor'n Depth 89 fms.

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

Character of Bottom Clean lead (hard pan?)

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 6:10 P / Time Air 59°

Density: Surf. fms.

Wind: Direction NW x W Force 3

Baromet. 30.14 Amt. of Clouds 0 State of Sea C

Weather hz

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 88° E (true) distant 20.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boon Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			M.	Down.		Up.	M.	
6	07	00	6	10	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

30

~~Dredge~~ Hydrog. No. 5469 Date, May 5, 1914

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

Turns 168 meters Cor'n Depth 91 fms.

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

Character of Bottom gn M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 6:28 Time Air 58°

Density: Surf. fms.

Wind: Direction N x W. Force 3

Baromet. 30.14 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 S89°E (true) distant 19.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Bosn Glick Recorder C. E. De Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.	P M.			___ M. Down.			Up.	___ M.	
6	23	00	6	27	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

31

~~Tangent~~ Hydrog. No. 5468 Date, May 5, 1914

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

Turns 165 meters Cor'n Depth 90 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 6:45 / Time Air 56°

Density: Surf. fms.

Wind: Direction N x W Force 3-4

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

Weather Dcz

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S87°E (true) distant 19.7 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
6:45 P.M.	52.5	56.0

Deck Officer Ch. Boss Mahan Recorder C. E. De Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.	P M.			___ M. Down.			Up.	___ M.	
6	41	00	6	45	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
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						4500						
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						4700						
						4800						
						4900						

32

~~Dredge~~ Hydrog. No. 5469 Date, May 5, 1914

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

Turns 163 turns Cor'n Depth 89 fms.

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

Character of Bottom hard pan

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 7 00 Time Air 55.5°

Density: Surf. fms.

Wind: Direction N x W Force 2-3

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

Weather bcz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S83½°E (true) distant 19.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Bosn Mahoney Recorder C. E. L. De Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.	___ M.	
6	58	00	7	02	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						1500						
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						2700						
						2800						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

37

~~Dredge~~ Hydrog. No. 5470 Date, May 5, 1914

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

Turns 166 Cor'n Depth 90 fms.

Sdg. Cup Arming on ~~Lead~~ Amt. Bottom Sample

Character of Bottom gr. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 7:20 / Time Air 55.0°

Density: Surf. fms.

Wind: Direction NXW Force 2-3

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

Weather bcz

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast.

Position Yaquina Light bears S81°E (true) distant 19.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Rom Mabry Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.	___ M.	
7	16	00	7	20	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						1500						
						1600						
						1700						
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						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

1

~~Dredge~~ Hydrog. No. 5H7P Date, May 6, 1914

Sdg. Mch. T N Reel ~~Shot~~ Lead 25 lbs. 86

Turns Cor'n Depth 47 fms.

Sdg. Cup Soft soap Amt. Bot'm Sample

Character of Bottom light sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 6.36 / Time Air 60

Density: Surf. fms.

Wind: Direction N.N.W Force 1

Baromet. 30.05 Amt. of Clouds 6 State of Sea S

Weather 6 c 2

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N47°E (true) distant 10.5 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 Mahoney Recorder C Clark

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				___ M. Down.			Up. ___ M.		
6	36					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1700						
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						2800						
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						3900						
						4000						
						4100						
						4200						
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						4500						
						4600						
						4700						
						4800						
						4900						

2

~~Dredge~~ Hydrog. No. 5472 Date, May 6, 1914

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

Turns Cor'n Depth 45 fms.

Sdg. Cup Softleaf Amt. Bot'm Sample

Character of Bottom Soft sand + fine gravel

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 6.55A / Time Air 60

Density: Surf. fms.

Wind: Direction N.N.W Force 1

Baromet. 30.05 Amt. of Clouds 6 State of Sea S

Weather 6 c 2

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N52°E (true) distant 102 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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. DOWN.			UP.		___ M.		___ M. DOWN.			UP.		___ M.
655						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						2200						
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						2800						
						2900						
						3000						
						3100						
						3200						
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						3700						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

3

~~Dredge~~ Hydrog. No. 5473 Date, May 6, 1914

Sdg. Mch. TN Reel ~~Shot~~ Lead 13 lbs.

Turns Cor'n Depth 45 fms.

Sdg. Cup soft soup Amt. Bot'm Sample

Character of Bottom gy sand -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7.03 a m Time Air 60

Density: Surf. fms.

Wind: Direction N.N.W Force 1

Baromet. 30.05 Amt. of Clouds 6 State of Sea S

Weather 6 c z

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 55° E (true) distant 10.1 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 Mahoney Recorder C L Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
4 M. Down.			Up.	4 M.			---- M. Down.			Up.	---- M.	
703			705			0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

4

~~Dredge~~ Hydrog. } No. 5474 Date, May 6, 1914

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

Turns Cor'n Depth 44 81 fms.

Sdg. Cup soft loop Amt. Bot'm Sample

Character of Bottom Gritz Sand & Gravel -

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 7:12 am / Time } Air { 60

Density: Surf. fms.

Wind: Direction N.N.W Force 1

Baromet. 30.05 Amt. of Clouds 6 State of Sea S

Weather bcz

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N57½°E (true) distant 10.0 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 Mahoney Recorder C A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.	---- M.			---- M. Down.			Up.	---- M.	
7	12		7	14		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4800						
						4900						

5

~~Dredge~~ Hydrog. No. 5475 Date, May 6, 1914

Sdg. Mch. TN Reel TN 1 ~~Shot~~ Lead 25 lbs.

Turns ____ Cor'n ____ Depth 41 76 fms.

Sdg. Cup soft tough Amt. Bot'm Sample ____

Character of Bottom white sand

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 52 Time 7:19 a.m. Time ____ Air 60

Density: Surf. ____ fms. ____

Wind: Direction N.N.W. Force 1

Baromet. 30.05 Amt. of Clouds 6 State of Sea S

Weather b c z

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Off Oregon Coast

Position Yaquina Light bears N60½°E (true) distant 10.0 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 Mahoney Recorder C F Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.		---- M.		---- M. Down.			Up.		---- M.
7	19		7	21		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

6

~~Dredge~~ Hydrog. No. 5476 Date, May 6, 1914

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

Turns Cor'n Depth 40 73 fms.

Sdg. Cup Soft Soap Amt. Bot'm Sample

Character of Bottom Wavy Sand & rock -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7:27 a.m. Time Air 60

Density: Surf. fms.

Wind: Direction N.N.W Force 1

Baromet. 30.05 Amt. of Clouds 6 State of Sea S

Weather 6 C Z

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 62° E (true) distant 10.3 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 Mahoney Recorder C F Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.	A M.			___ M. Down.			Up.	___ M.	
7	27		7	29		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1900						
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						2700						
						2800						
						2900						
						3000						
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						3200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

7

~~Dredge~~ Hydrog. No. 5477 Date, May 6, 1914

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

Turns Cor'n Depth 38 70 fms.

Sdg. Cup Soft Soap Amt. Bot'm Sample

Character of Bottom Fine gravel + soft sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7.35 am / Time Air 61

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 2 State of Sea S

Weather O C Z

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 63° E (true) distant 10.6 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 A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.	A	M.			M. Down.		Up.		M.
7	35		7	37		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

8

~~Dredge~~ Hydrog. No. 5478 Date, May 6, 1914

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

Turns Cor'n Depth 39 71 fms.

Sdg. Cup Soft Soap Amt. Bot'm Sample

Character of Bottom Green mud

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7:41 AM / Time Air 61

Density: Surf. fms.

Wind: Direction Calm Force 0

Barometer. 30.04 Amt. of Clouds 2 State of Sea 5

Weather Clear

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 64° E (true) distant 10.9 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 Mahoney Recorder C A Cole

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				___ M. Down.			Up. ___ M.		
7	41		7	43		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
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						4600						
						4700						
						4800						
						4900						

9

~~Dredge~~ Hydrog. No. 5479 Date, May 6, 1914

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

Turns Cor'n Depth 35 64 fms.

Sdg. Cup Soft soap Amt. Bot'm Sample

Character of Bottom Trod M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7:48 a Time Air 61

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 2 State of Sea S

Weather bay

Direction and Force of Current. Surface Bottom

Tide

General Locality Of N. Oregon Coast

Position Yaquina Light bears N 64½° E (true) distant 11.3 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. Mahoney Recorder C A Cook

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				___ M. Down.			Up. ___ M.		
7	48		7	49		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
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						4200						
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						4700						
						4800						
						4900						

10

~~Dredge~~ Hydrog. No. 5480 Date, May 6, 1914

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

Turns Cor'n Depth 30 52 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Rod

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7.55 a Time Air 61

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 2 State of Sea S

Weather Hazy

Direction and Force of Current. Surface Bottom

Tide

General Locality North Oregon Coast

Position Yaquina Light bears N 65° E (true) distant 11.6 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 [illegible]

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.	A M.			___ M. Down.			Up.	___ M.	
7	55		7	57		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4800						
						4900						

"

Dredge / Hydrog. No. 5484 Date, May 6, 1914.

Sdg. Mch. TN Reel TN Shot / Lead 25 lbs. 61

Turns ..... Cor'n ..... Depth 33 fms.

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

Character of Bottom Hard Sand

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

Bottom Reading ..... Cor'd Temp. .....

Temp. Surf. 57 Time 8:02 am Time ..... Air 61

Density: Surf. ..... fms. .....

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 2 State of Sea S

Weather Fog

Direction and Force of Current. Surface ..... Bottom .....

Tide .....

General Locality Coast of N. Oregon

Position Yaquina Light bears N66°E (true) distant 11.9 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
8:00 AM.	53.5	57.5

Deck Officer Mr. Pipp Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A M.			___ M.	DOWN.		UP.	___ M.	
8	02		8	04		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4900						

~~Dredge~~ Hydrog. No. 5482 Date, May 6, 1914

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

Turns Cor'n Depth 38 10 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom 6 km Sh

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8:10 a Time Air 61

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 2 State of Sea S

Weather Ecs

Direction and Force of Current. Surface Bottom

Tide

General Locality Off N. Oregon Coast

Position Yaquina Light bears N67°E (true) distant 12.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up. a M.				___ M. Down.			Up.		___ M.
8	10		8	12		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

13

~~Dredge~~ / Hydrog. No. 5483 Date, May 6, 1914

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

Turns ..... Cor'n ..... Depth 407 fms.

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

Character of Bottom Sticky

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

Bottom Reading ..... Cor'd Temp. .....

Temp. Surf. 52 Time 8:16 a Time ..... Air 61

Density: Surf. ..... fms. .....

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 2 State of Sea S

Weather Clear

Direction and Force of Current. Surface ..... Bottom .....

Tide .....

General Locality off N. Oregon Coast

Position Yaquina light bears N 68° E (true) distant 12.6 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 Arthur

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.		A M.		____ M. Down.			Up.		____ M.
8	16		8	18	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
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						4700						
						4800						
						4900						

14

~~Dredge~~ Hydrog. No. 5484 Date, May 6, 1914

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

Turns Cor'n Depth 44 82 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Ind gy M bk S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8.27 a Time Air 61

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 2 State of Sea S

Weather Very

Direction and Force of Current. Surface Bottom

Tide

General Locality Off N. Oregon Coast

Position Yaquina Light bears N69°E (true) distant 13.0 miles

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				___ M. Down.			Up. ___ M.		
8	~7		8	29	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
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15

Dredge ~~Hydrog.~~ No. 5485 Date, May 6, 1914

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

Turns Cor'n Depth 48 89 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom fac bk S bk S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8:36 a Time Air 61

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 1 State of Sea S

Weather Bog

Direction and Force of Current. Surface Bottom

Tide

General Locality Off N. Oregon Coast

Position Yaquina Light bears N 70°E (true) distant 13.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer M. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.	A M.			---- M. Down.			Up.	---- M.	
8	36		8	39		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

16 - Set.

~~Dredge~~ Hydrog. No. 5486 Date, May 6, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 25 lbs. 100

Turns Cor'n Depth 54 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom fine bk S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8.47 am Time Air 61

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 1 State of Sea S

Weather bay

Direction and Force of Current. Surface Bottom

Tide

General Locality Of Northern coast of Oregon

Position Yaquina Light bears N71°E (true) distant 13.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: At 8:49 towards a buoy; same returned and was twisted 10:57

Deck Officer Mr. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				___ M. Down.			Up. ___ M.		
8	47		8	49		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						4000						
						4100						
						4200						
						4300						
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						4800						
						4900						

17 - Set.

~~Dredge.~~ Hydrog. No. 5487 Date, May 6, 1914

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

Turns Cor'n Depth 57 104 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom EKS Ekn Sh

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8:55 a Time Air 61

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 1 State of Sea S

Weather Fog

Direction and Force of Current. Surface Bottom

Tide

General Locality Coast of Northern Oregon

Position Yaquina Light bears N 72°E (true) distant 14.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: At 8:55 towered a Dory. - Had fishing lines over the side. - Dory returned and was hoisted 11:18
Bottom Sampler used at 11:15

Deck Officer Mr. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				____ M. Down.			Up. ____ M.		
8	55		8	58		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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18

~~Dredge~~ Hydrog. No. 5488 Date, May 6, 1914

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

Turns Cor'n Depth 64 118 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom bk S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 11:30 a Time Air 53

Density: Surf. fms.

Wind: Direction S by W Force 2

Baromet. 30.05 Amt. of Clouds 9 State of Sea S

Weather Fof

Direction and Force of Current. Surface Bottom

Tide

General Locality Off N. Oregon Coast

Position Yaquina Light bears N 75½° E (true) distant 14.1 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. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.	A M.			___ M. Down.			Up.	___ M.	
11	30		11	32	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

'9

~~Dredge~~ Hydrog. No. 5489 Date, May 6, 1914

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

Turns ____ Cor'n ____ Depth 61 112 fms.

Sdg. Cup Arming Amt. Bot'm Sample ____

Character of Bottom Lt S fine G

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 54 Time 11:44 am / Time ____ Air 53

Density: Surf. ____ fms. ____

Wind: Direction S by W Force 2

Baromet. 30.05 Amt. of Clouds 9 State of Sea S

Weather Bef

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Off N. Coast of Oregon.

Position Yaquina Light bears N 78½ E (true) distant 14.2 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. Bippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				___ M. Down.			Up. ___ M.		
11	44		11	47		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
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						4700						
						4800						
						4900						

20 90

~~Bridge~~ Hydrog. No. 5489 Date, May 6, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 25 lbs. 112

Turns Cor'n Depth 61 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time 11:57 am / Time Air 52.5°

Density: Surf. fms.

Wind: Direction S x W. Force 2

Baromet. 30.05 Amt. of Clouds 10 State of Sea S

Weather bcf.

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off N. coast of Oregon

Position Yaquina Light bears N 81° E (true) distant 14.4 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 Pippe Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M. DOWN.			UP.	9 M.			___ M. DOWN.			UP.	___ M.	
11	57		11	56	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4700						
						4800						
						4900						

21

~~Dredge~~ Hydrog. No. 5490 Date, May 6, 1914

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

Turns 112 Cor'n Depth 61 fms.

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

Character of Bottom gr M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 12:10 P. / Time Air 54°

Density: Surf. fms.

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

Baromet. 30.5 Amt. of Clouds 9 State of Sea 8

Weather bcf

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 83° E (true) distant 14.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boan Pippa Recorder C. E. De Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			___ M. Down.			Up.	___ M.	
12	07	00	12	09	30	0						
						100						
						200						
						300						
						400						
						500						
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						4800						
						4900						

22 Sd

~~Dredge~~ Hydrog. No. 5492 Date, May 6, 1914

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

Turns 115 Cor'n Depth 62 fms.

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

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53.9° Time 12:30 P. Time Air 54°

Density: Surf. fms.

Wind: Direction S x W Force 2-4

Baromet. 30.04 Amt. of Clouds 9 & 10 State of Sea S

Weather bcf & of

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears N 81° E (true) distant 14.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Lowered two dories at 12:26, 2 fishermen in each made double bank set. Tord dory returned at 1:54, aft at 3°. Line broken off at about 3 feet from anchor, ford boat.

Time	Wet bulb	Dry bulb
1:00 P.M.	51.4	53.0

Deck Officer Bsn Pippo and Bosn Glick Recorder C. E. DeLong

11—1023

Nansen Petersen

SOUNDING WIRE.		FMS.	~~DREDGING CABLE.~~ water bottle	
P. M. Down.	Up. P. M.		P. M. Down.	Up. P. M.
12 26 00	12 26 00	0	1 40 00	1 49 00
		100	1 41 35	1 47 10
		200		
		300	Lowered to 110	
		400	meters	
		500		
~~Lowered to comply~~		600	(Sounding for	
1 35 00		700	above	
		800	1 35 00	1 39 00
		900		
~~122 meters~~		1000	122 meters)	
		1100	Tripped	
		1200	Temp. 17.3°	
		1300		
		1400		
		1500	Stem that	
		1600	(No mercury in	
		1700	stem)	
		1800		
		1900	albatross bottom	
		2000	sampler	
		2100		
		2200	3 02 25	3 04 10
		2300	3 02 47	3 02 50
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
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		4000		
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		4700		
		4800		
		4900		

23

Dredge / Hydrog. No. 5493 Date, May 6, 1912

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

Turns Cor'n Depth 76 fms. 139

Sdg. Cup Soffroap Amt. Bot'm Sample

Character of Bottom no sample

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 5:27 P / Time Air 53

Density: Surf. fms.

Wind: Direction SE x S Force 2

Baromet. 30.02 Amt. of Clouds 9 State of Sea C

Weather v c

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 87½° E (true) distant 14.3 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 Mahoney Recorder C A Cork

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P ---- M. Down.			Up.	---- M.			---- M. Down.			Up.	---- M.	
5	27					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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2

~~Dredge~~ Hydrog. No. 5494 Date, May 6, 1914

Sdg. Mch. T N Reel T N Shot Lead 135 lbs.

Turns Cor'n Depth 72 fms.

Sdg. Cup Soft Soup Amt. Bot'm Sample

Character of Bottom fine Blk sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57 Time 5:33 P Time Air 53

Density: Surf. fms.

Wind: Direction SE x S Force 2

Baromet. 30.02 Amt. of Clouds 9 State of Sea C

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S88½°E (true) distant 13.9 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 Mahoney Recorder C A Cook

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.		---- M. Down.			Up.	---- M.	
5	33				0						
					100						
					200						
					300						
					400						
					500						
					600						
					700						
					800						
					900						
					1000						
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					3900						
					4000						
					4100						
					4200						
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					4700						
					4800						
					4900						

~~Dredge~~ Hydrog. No. 5495 Date, May 7, 19

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

Turns Cor'n Depth 52 96 fms.

Sdg. Cup Soft soup Amt. Bot'm Sample

Character of Bottom Grey sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 4:40 am Time Air 54

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 7 State of Sea M

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S85½°E (true) distant 12.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer McPippo Recorder C L Cook

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.		M.		M. Down.			Up.		M.
4	40					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4800						
						4900						

Dredge / Hydrog. No. 5496 Date, May 7, 1912

Sdg. Mch. T N Reel T N Shot / Lead 25 lbs. 102

Turns Cor'n Depth 55 fms.

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

Character of Bottom Fine gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 4:52 A / Time Air 54

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 7 State of Sea M

Weather BCM

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S81°E (true) distant 12.6 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 C A Clark

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A ___ M. DOWN.			UP.		___ M.		___ M. DOWN.			UP.		___ M.
452						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4800						
						4900						

2

~~Dredge~~ Hydrog. No. 5497 Date, May 7, 19

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 25 lbs. 110

Turns Cor'n Depth 60 fms.

Sdg. Cup Soft Soup Amt. Bot'm Sample

Character of Bottom Fine sand ~~wty~~ gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 5:09 am Time Air 54

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 2998 Amt. of Clouds 7 State of Sea M

Weather 6 c m

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S76½° E (true) distant 12.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C S Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A		M.		M. Down.			Up.		M.
5	09		5	11		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						4900						

24

~~Dredge~~ Hydrog. No. 5498 Date, May 7, 1914

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

Turns Cor'n Depth 63 117 fms.

Sdg. Cup Soft soup Amt. Bot'm Sample

Character of Bottom fine wgy sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 5.30a Time Air 54

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 7 State of Sea M

Weather B C M

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S 72° E (true) distant 11.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.		---- M.		---- M. Down.			Up.		---- M.
5	30		5	33		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
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5

~~Dredge~~ Hydrog. No. 5499 Date, May 7, 1914

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

Turns Cor'n Depth 65 120 fms.

Sdg. Cup soft soup Amt. Bot'm Sample

Character of Bottom Whity sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 5:41a Time Air 54

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 7 State of Sea M

Weather b c m

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S66°E (true) distant 11.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C S Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
H M. Down.			Up. 4 M.				___ M. Down.			Up. ___ M.		
5	41	30	5	43		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

6

Dredge / Hydrog. No. 5500 Date, May 7, 1914

Sdg. Mch. TN Reel TN Shot / Lead 25 lbs. 1 24

Turns Cor'n Depth 67 fms.

Sdg. Cup soft soup — Amt. Bot'm Sample

Character of Bottom Hard Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 5:05a Time Air 54

Density: Surf. fms.

Wind: Direction E Force 2

Baromet 29.98 Amt. of Clouds 7 State of Sea m

Weather b c m

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S61½°E (true) distant 11.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time	Wet bulb	Dry bulb
6:00 A.M.	50.5	53.0

Deck Officer M Piffro Recorder C L Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.		---- M.		---- M. Down.			Up.		---- M.
5	55		5	58		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3700						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
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						4700						
						4800						
						4900						

7

Dredge. Hydrog. No. 5560 Date, May 7, 1914

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

Turns Cor'n Depth 69 127 fms.

Sdg. Cup Soft soap Amt. Bot'm Sample

Character of Bottom White Sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 6:10a Time Air 52

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 7 State of Sea m

Weather b c m

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S57°E (true) distant 12.0 miles

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A ___ M. Down.			Up. A ___ M.				___ M. Down.			Up.		___ M.
6	10		6	13		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3100						
						3200						
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						3700						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
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						4700						
						4800						
						4900						

8

Dredge / Hydrog. No. 5502 Date, May 7, 1914

Sdg. Mch. TN Reel TN Shot / Lead 25 lbs. 130

Turns Cor'n Depth 71 fms.

Sdg. Cup Soft Soup Amt. Bot'm Sample

Character of Bottom Hard.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 6:20a Time Air 52

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 7 State of Sea 24

Weather b c m

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S52°E (true) distant 12.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder A L Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.	A	M.		___ M. Down.			Up.	___ M.	
6	25		6	25		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
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						4700						
						4800						
						4900						

9

~~Dredge~~ Hydrog. No. 5503 Date, May 7, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 20 lbs. 130

Turns Cor'n Depth 71 fms.

Sdg. Cup Soft Sage Amt. Bot'm Sample

Character of Bottom Soft Sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 6:41 A Time Air 54

Density: Surf. fms.

Wind: Direction SE x E Force 2

Baromet. 29.98 Amt. of Clouds 10 State of Sea m

Weather b c m

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S48°E (true) distant 12.4 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 Pippo Recorder C H Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.		Down.	Up.		---- M.		---- M.		Down.	Up.		---- M.
6	41		6	43		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1600						
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						3200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

10

Dredge / Hydrog. No. 5504 Date, May 7, 1914

Sdg. Mch. TN Reel TN Shot / Lead 25 lbs. 131

Turns Cor'n Depth 71 fms.

Sdg. Cup Soft soup Amt. Bot'm Sample

Character of Bottom Hard

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 6:55 A Time Air 54

Density: Surf. fms.

Wind: Direction SE x E Force 2

Baromet. 29.98 Amt. of Clouds 10 State of Sea M

Weather 6 C M

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S43½°E (true) distant 12.7 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 Pipho Recorder A A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				---- M. Down.			Up. ---- M.		
6	55		6	58		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4000						
						4100						
						4200						
						4300						
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						4500						
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						4700						
						4800						
						4900						

11

~~Dredge~~ Hydrog. No. 5505 Date, May 7, 1914

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

Turns Cor'n Depth 71 131 fms.

Sdg. Cup Soft soap Amt. Bot'm Sample

Character of Bottom Hard

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 7:09 A Time Air 54

Density: Surf. fms.

Wind: Direction SE x E Force 2

Baromet. 29:98 Amt. of Clouds 10 State of Sea m

Weather 6 c m

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S40°E (true) distant 13.1 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 Pippo Recorder C Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.	---- M.			---- M. Down.			Up.	---- M.	
7	0.9		7	12		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

12

Dredge / Hydrog. No. 5506 Date, May 7, 1914

Sdg. Mch. T N Reel T N ~~Shot~~ Lead 25 lbs. 125

Turns Cor'n Depth 68 fms.

Sdg. Cup Soft soap Amt. Bot'm Sample

Character of Bottom Vaz of Sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 7:09A / Time Air 54

Density: Surf. fms.

Wind: Direction SE x E Force 2

Baromet. 29:98 Amt. of Clouds 10 State of Sea M

Weather 6 C M

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S35½°E (true) distant 13.2 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 Piffo Recorder C Cook

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.		M.		M. Down.			Up.		M.
7	25		7	28		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

13

Dredge / Hydrog. No. 5504 Date, May 7, 1914

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

Turns Cor'n Depth 65 120 fms.

Sdg. Cup Soft Soap Amt. Bot'm Sample

Character of Bottom wh gy sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time / Time Air

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 Yaquina Light bears S31½° E (true) distant 13.5 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 Pippo Recorder C A Cook

11—1028

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.		---- M.		---- M. DOWN.			UP.		---- M.
7	40		7	42		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
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						4700						
						4800						
						4900						

14

~~Dredge~~ Hydrog. No. 550 8 Date, May 7, 1914

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

Turns Cor'n Depth 60 110 fms.

Sdg. Cup soft soup Amt. Bot'm Sample

Character of Bottom ~~gy~~ S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7 54 a Time Air 54

Density: Surf. fms.

Wind: Direction SE by E Force 2

Baromet. 29.98 Amt. of Clouds 10 State of Sea M

Weather or

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S27½°E (true) distant 13.8 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
8:00 A.M.	55.0	58.0

Deck Officer Mr. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.	A M.			____ M. Down.			Up.	____ M.	
7	57		8	57		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
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						4700						
						4800						
						4900						

15.

~~Dredge~~ Hydrog. No. 5509 Date, May 7, 1914

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

Turns 10 2 Cor'n Depth 55 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8:09 a Time Air 54

Density: Surf. fms.

Wind: Direction SE by E Force 2

Baromet. 29.98 Amt. of Clouds 10 State of Sea M

Weather Or

Direction and Force of Current. Surface Bottom

Tide

General Locality Of Oregon Coast.

Position Yaquina Light bears S22½°E (true) distant 14.1 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 [illegible]

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				M. Down.			Up. M.		
8	09		8	12		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

16

~~Dredge~~ Hydrog. No. 5510 Date, May 7, 1914

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

Turns 101 Cor'n Depth 55 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8:24 a Time Air 54

Density: Surf. fms.

Wind: Direction SE by E Force 3

Baromet. 29.98 Amt. of Clouds 10 State of Sea M

Weather OK

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S19°E (true) distant 14.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Arnkil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				M. Down.			Up.		M.
8	24		8	26		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						2800						
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						3200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

17

~~Dredge~~ Hydrog. No. 5514 Date, May 7, 1914

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

Turns 110 Cor'n Depth 60 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Sty S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8.37 a Time Air 54

Density: Surf. fms.

Wind: Direction East Force 1-2

Baromet. 29.99 Amt. of Clouds 10 State of Sea m

Weather or

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast.

Position Yaquina Light bears S15°E (true) distant 15.3 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. Gliot Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M. Down.			Up. A. M.				---- M. Down.			Up. ---- M.		
8	37		8	40		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4700						
						4800						
						4900						

18

~~Dredge~~ Hydrog. No. 551 Date, May 7, 1914

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

Turns 97 Cor'n Depth 53 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 8.53 a / Time Air 55

Density: Surf. fms.

Wind: Direction East Force 1-2

Baromet. 29.99 Amt. of Clouds 10 State of Sea m

Weather op

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S 11½° E (true) distant 16.4 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 [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
8 M. Down.			Up. 8 M.				___ M. Down.			Up. ___ M.		
8	53		8	55		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
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						4500						
						4600						
						4700						
						4800						
						4900						

19

~~Dredge~~ Hydrog. } No. 5513 Date, May 7, 1914

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

Turns 95 Cor'n Depth 51 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 9.03 a / Time } Air { 55

Density: Surf. fms.

Wind: Direction East Force 1-2

Baromet. 29.99 Amt. of Clouds 10 State of Sea M

Weather Op

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S10½°E (true) distant 17.2 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. Glick Recorder Arnkil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.	A M.			___ M. Down.			Up.	___ M.	
9	03		9	05		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Pos. and Psychrometer checked C.C.T. July 19, 1914