Oregon Coast
Hydro. 5563 to 5611
May 8 to May 29, 1914

Oregon Coast

#5

May 8 –

Hydro. 5563 - 5611

Hydro 5563 to 5611

May 8 to May 29, 1914

22

~~Dredge~~ Hydrog. No. 5563 Date, May 8, 1914

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

Turns 164 Cor'n Depth 89 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom hard ~~smooth bottom~~

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 5.34 p Time Air 54°

Density: Surf. fms.

Wind: Direction SE Force 3-4

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

Weather op

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears S66°E (true) distant 28.8 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.	___ M.	
5	34	50	5	44		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4700						
						4800						
						4900						

23.

~~Dredge~~ Hydrog. No. 5564 Date, May 8, 1914

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

Turns 177 Cor'n Depth 95 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Blk S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 5.54 P Time Air 54°

Density: Surf. fms.

Wind: Direction SE Force 3-4

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

Weather O

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears 864° E (true) distant 29.3 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
6:00 P.M.	53.0	54.0
8:30 A.M. (May 9)	53.0	53.8

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			M.	DOWN.		UP.	M.	
5	57		5	58		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
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						4300						
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						4500						
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						4700						
						4800						
						4900						

1

~~Dredge~~ Hydrog. No. 5565 Date, May 27, 1914

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

Turns 5-3 Cor'n Depth 24 fms.

Sdg. Cup Arrington lead Amt. Bot'm Sample

Character of Bottom sm S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 3:10 P / Time Air 57°

Density: Surf. fms.

Wind: Direction NNW Force 2

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

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears N 23½° E (true) distant 7.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.		---- M.		---- M. Down.			Up.		---- M.
3	06	20	3	07	50	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4800						
						4900						

2

~~Dredge~~ Hydrog. No. 5566 Date, May 27, 1914

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

Turns 55 Cor'n Depth 29 fms.

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

Character of Bottom wh S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 3:15 P Time Air 56.5°

Density: Surf. fms.

Wind: Direction W x S Force 2

Baromet. 30.05 Amt. of Clouds 5 State of Sea S

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast.

Position Yaquina Light bears N 25½° E (true) distant 8.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
Ø M. Down.			Up.		Ø M.		___ M. Down.			Up.		___ M.
3	16	30	3	18	50	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

3

~~Dredge~~ Hydrog. No. 5567 Date, May 27, 1914

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

Turns 56 Cor'n Depth 30 fms.

Sdg. Cup Arming on lead 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 3:30 P Time Air 56°

Density: Surf. fms.

Wind: Direction W x S Force

Baromet. 30.05 Amt. of Clouds 5 State of Sea S

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 25½° E (true) distant 9.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
0 M. Down.			Up.	0 M.			___ M. Down.			Up.	___ M.	
3	26	40	3	28	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

4

~~Dredge~~ Hydrog. } No. 5568 Date, May 27, 1914

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

Turns 58 Cor'n Depth 31 fms.

Sdg. Cup Arming on lead 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 3:40 P / Time } Air { 56° }

Density: Surf. fms.

Wind: Direction W. x S. Force 2

Baromet. 30.05 Amt. of Clouds 5 State of Sea L

Weather bc

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon Coast.

Position Yaquina Light bears N26°E (true) distant 10.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Lowered fold dory with two fishermen at 3:40

Hoisted Dory at 5:27

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.		P M.		___ M.	DOWN.		UP.		___ M.
3	35	50	3	37	25	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						

5

~~Dredge~~ Hydrog. } No. 5-5-69 Date, May 27, 1914

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

Turns Cor'n Depth 34 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading L. 48 R 47.6 Cor'd Temp.

Temp. Surf. { 55 Time 4:00 PM / Time } Air {

Density: Surf. fms.

Wind: Direction NX S Force 2

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

Weather bc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears N27°E (true) distant 11.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

34 Time towing h. m.

Remarks: Lowered aft dory with two fishermen at 3:49
Foisted dory at 5:32

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

11—1023

11—1023

SOUNDING WIRE.						FMS.	~~DREDGING CABLE.~~					
P	M.	Down.	Up.	P	M.		___	M.	Down.	Up.	___	M.
3	46	10	3	47	50	0	Eckman water					
						100	bottle lowered to					
						200	27 fath					
						300	3	51	00	4	00	10
						400	3	51	50	3	59	—
						500						
						600						
						700						
						800	albatross					
						900	Bottom sampler					
						1000	4	04	—	4	05	20
						1100	4	04	20	4	04	30
						1200						
						1300	No sample					
						1400						
						1500	at 34 fms —					
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

6

~~Dredge~~ Hydrog. No. 5570 Date, May 27, 1914

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

Turns 63 Cor'n Depth 34 fms.

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

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53 Time 5:39 PM Time Air 56

Density: Surf. fms.

Wind: Direction N W Force 3

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

Weather LC

Direction and Force of Current. Surface Bottom

Tide

General Locality Of Oregon Coast

Position Yaquina Light bears N27°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 Pippo Recorder C A Cook

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			M.	Down.		Up.	M.	
5	38	30	5	40	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

7

~~Dredge~~ Hydrog. No. 5571 Date, May 27, 1914

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

Turns 71 Cor'n Depth 38 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Grey Sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53 Time 6:06 P Time Air 56

Density: Surf. fms.

Wind: Direction N.W Force 3

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

Weather LC

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 28½° E (true) distant 16.1 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 S Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.	P	M.			M. Down.		Up.		M.
6	06		6	07	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

8

~~Dredge~~ Hydrog. No. 5572 Date, May 27, 1914

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

Turns 71 Cor'n Depth 39 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom grey sand -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 6:31 P / Time Air 55

Density: Surf. fms.

Wind: Direction W. Force 3

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

Weather b c

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 31° 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 McGlick Recorder CxCook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.	P	M.			M. Down.		Up.		M.
6	31	—	6	33	—	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4200						
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						4700						
						4800						
						4900						

9

~~Dredge~~ Hydrog. No. 5573 Date, May 27, 1932

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

Turns 74 Cor'n Depth 40 fms.

Sdg. Cup Arming — Amt. Bot'm Sample

Character of Bottom gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 6:55P / Time Air 55

Density: Surf. fms.

Wind: Direction 20 Force 3

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

Weather b c

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 30° E (true) distant 22.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W R Glick Recorder C A Cook

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.	P	M.		M. Down.			Up.		M.
6	53		6	55	10	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
						4200						
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						4500						
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						4700						
						4800						
						4900						

10

~~Dredge~~ Hydrog. No. 5574 Date, May 27, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 23 lbs.

Turns 81 Cor'n Depth 44 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 7:17 P / Time Air 55

Density: Surf. fms.

Wind: Direction W Force 3

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

Weather O C

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears S45°E (true) distant 14.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer McGlick Recorder C A Cook

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.		M.		M. Down.			Up.		M.
7	17	—	7	19		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

11

~~Dredge~~ Hydrog. No. 5575 Date, May 27, 1912

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 2-5 lbs.

Turns 92 Cor'n Depth 50 fms.

Sdg. Cup Armmy Amt. Bot'm Sample

Character of Bottom Grey sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 7.40 P / Time Air 53

Density: Surf. fms.

Wind: Direction W Force 3

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

Weather BC

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears S56½° E (true) distant 14.6 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
8:03 A.M.	48.5	53.0

Deck Officer Mr Glick Recorder C. L. Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P ---- M. Down.			Up. P ---- M.				---- M. Down.			Up.		---- M.
7	40		7	42		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

12

~~Dredge~~ Hydrog. No. 5576 Date, May 27, 1912

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

Turns 101 Cor'n Depth 55 fms.

Sdg. Cup Canning Amt. Bot'm Sample

Character of Bottom grey sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 8:03 P / Time Air 53

Density: Surf. fms.

Wind: Direction W Force 3

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

Weather d c

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears S68½°E (true) distant 15.1 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer McMahony Recorder C L Carle

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P___ M. Down.			Up. P___ M.				___ M. Down.			Up. ___ M.		
8	03	30	8	06		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						2800						
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						3200						
						3300						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

1.

~~Dredge~~ Hydrog. No. 5577 Date, May 28, 19 14

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

Turns ..... Cor'n ..... Depth 56 fms.

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

Character of Bottom gyS

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

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

Temp. Surf. 57 Time 7:40 a / Time ..... Air 57

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

Wind: Direction NW Force 3

Baromet. 30.42 Amt. of Clouds 1 State of Sea L

Weather lc

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

Tide .....

General Locality Oregon Coast

Position Heceta Light bears S79½E (true) distant 15.8 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 J. T. Hill

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
8 M. DOWN.			UP. 8 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						
						4600						
						4700						
						4800						
						4900						

2

~~Dredge~~ Hydrog. No. 5578 Date, May 28, 1914

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

Turns 112 Cor'n Depth 61 fms.

Sdg. Cup Army Amt. Bot'm Sample

Character of Bottom gr M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51 Time 8:07a / Time Air 57

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.42 Amt. of Clouds 1 State of Sea L

Weather Clr

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears S88°E (true) distant 17.1 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 Frutis

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
8 M. Down.			Up. 8 M.				___ M. Down.			Up. ___ M.		
8	07		8	09		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4100						
						4200						
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						4600						
						4700						
						4800						
						4900						

3

~~Dredge~~ Hydrog. No. 5579 Date, May 28, 1914

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

Turns 121 Cor'n Depth 66 fms.

Sdg. Cup Stirring Amt. Bot'm Sample

Character of Bottom gr m

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51 Time 8:32 a Time Air 58

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.43 Amt. of Clouds 1 State of Sea S

Weather Cl

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 84½° E (true) distant 19.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Mahoney Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.	A M.			___ M. Down.			Up.	___ M.	
8	35	00	8	35	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
						4200						
						4300						
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						4700						
						4800						
						4900						

4.

~~Dredge~~ Hydrog. No. 5380 Date, May 28, 1914

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

Turns 111 Cor'n Depth 60 fms.

Sdg. Cup arming Amt. Bot'm Sample

Character of Bottom clean sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57 Time 8.57 a Time Air 58

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.44 Amt. of Clouds 1 State of Sea 5

Weather Clear

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N78°E (true) distant 21.0 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 [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
~~8~~ M. Down.			Up. ~~8~~ M.				___ M. Down.			Up. ___ M.		
8	57		9	00		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
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						4300						
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						4500						
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						4700						
						4800						
						4900						

5.

~~Dredge~~ Hydrog. No. 5581 Date, May 28, 1914.

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

Turns 119 Cor'n Depth 65 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom TP

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57 Time 9:10 a / Time Air 58

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.44 Amt. of Clouds 1 State of Sea S

Weather Cc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 76° E (true) distant 21.8 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. Mahoney Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
7 M. Down.			Up.	7 M.			___ M. Down.			Up.	___ M.	
9	10	00	9	12		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
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						4200						
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						4500						
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						4800						
						4900						

6

~~Dredge~~ Hydrog. } No. 5382 Date, May 28, 1914

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

Turns 112 Cor'n Depth 61 fms.

Sdg. Cup arming Amt. Bot'm Sample

Character of Bottom R

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 9.20 a / Time } Air { 58

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.44 Amt. of Clouds 1 State of Sea L

Weather bc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 74½° E (true) distant 22.3 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 [illegible]

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
7 M. Down.			Up. 7 M.				___ M. Down.			Up. ___ M.		
9	20	00	9	22	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
						4200						
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						4700						
						4800						
						4900						

7

~~Dredge~~ Hydrog. No. 5382 Date, May 28, 1914

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

Turns 117 Cor'n Depth 64 fms.

Sdg. Cup arming Amt. Bot'm Sample

Character of Bottom R

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51 Time 9.27 am / Time Air 58

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.44 Amt. of Clouds 1 State of Sea L

Weather be

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 73° E (true) distant 23.1 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 [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M.		Down.	Up.		9 M.		___ M.		Down.	Up.		___ M.
9	27		9	29		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						2900						
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						4000						
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						4600						
						4700						
						4800						
						4900						

8

~~Dredge~~ Hydrog. No. 5584 Date, May 28, 1914

Sdg. Mch. TN Reel TN Shot Lead lbs.

Turns 102 Cor'n Depth 53 fms.

Sdg. Cup Army Amt. Bot'm Sample

Character of Bottom Blk S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51 Time 9:37 am Time Air 52

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.44 Amt. of Clouds 1 State of Sea C

Weather Cc

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 71½° E (true) distant 24.0 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 Arnold

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. DOWN.			UP. ___ M.				___ M. DOWN.			UP. ___ M.		
9	39	00	9	39		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
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						4300						
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						4800						
						4900						

9

~~Dredge~~ Hydrog. } No. 5385 Date, May 28, 1914

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

Turns 106 Cor'n Depth 58 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom blk S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 9:50 a / Time } Air { 86 }

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.44 Amt. of Clouds 1 State of Sea 8

Weather bc.

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Oregon Coast

Position Heceta Light bears N70°E (true) distant 24.8 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 Mahoney Recorder Arnkil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. DOWN.			UP.	___ M.			___ M. DOWN.			UP.	___ M.	
2.950						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
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						4500						
						4600						
						4700						
						4800						
						4900						

10

Dredge / Hydrog. No. 5586 Date, May 28, 1914

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

Turns 103 Cor'n Depth 56 fms.

Sdg. Cup Armory Amt. Bot'm Sample

Character of Bottom Sty

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 10:02 AM / Time Air 56

Density: Surf. fms.

Wind: Direction N by W Force 2

Baromet. 30.45 Amt. of Clouds 1 State of Sea 5

Weather Cc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 69° E (true) distant 25.5 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 Arnkil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.		---- M.		---- M. Down.			Up.		---- M.
10	02		10	04		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

11

Dredge / Hydrog. No. 5387 Date, May 28, 1914

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

Turns 109 Cor'n Depth 59 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom G

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 10:17 am / Time Air 56

Density: Surf. fms.

Wind: Direction N by W Force 2

Baromet. 30.45 Amt. of Clouds 1 State of Sea 2

Weather Cu

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 68° E (true) distant 26.1 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 Arnold

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
2 M. Down.			Up.	2 M.			___ M. Down.			Up.	___ M.	
10	17	30	10	20	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1500						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

12

Dredge / Hydrog. No. 5388 Date, May 28, 1914

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

Turns 113 Cor'n Depth 61 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom clean

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57 Time 10.29 a Time Air 56

Density: Surf. fms.

Wind: Direction NbyW Force 2

Baromet. 30.45 Amt. of Clouds 1 State of Sea f

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N67°E (true) distant 27.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mc Mahony Recorder Ankil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up.	a M.			___ M. Down.			Up.	___ M.	
10	29	00	10	31	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1500						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

13

~~Dredge~~ Hydrog. } No. 5389 Date, May 28, 1914

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

Turns 122 Cor'n Depth 66 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom hrd gn M G

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53.9° Time 11:35 / Time } Air { 55.5°

Density: Surf. fms.

Wind: Direction N 6 W Force 2

Baromet. 30.45 Amt. of Clouds 1 State of Sea S

Weather Oc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 65½° E (true) distant 27.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: At 11:05 lowered after dory
Returned at 1.00 PM.

Deck Officer Wm. Mahoney Recorder Arnkil
C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up. a M.				A M. Down.			Up. A M.		
10	40	00	10	42	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						~~1000~~	11	39	00	11	57	30
						~~1100~~	11	40	40	11	57	40
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000	11	54	00	10	56	00
						2100	11	54	30	11	54	34
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
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						3000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(Eckman at B

Sent messenger at 11:48:00

Thermos: R 46.8 | 2 [illegible]

Trent Sampler 175 m.

14

~~Dredge~~ Hydrog. No. 5590 Date, May 28, 1914

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

Turns 124 Cor'n Depth 68 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom hrd M (little G)

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 10:49 a Time Air 55 12°

Density: Surf. fms.

Wind: Direction NE Force 3

Baromet. 30.45 Amt. of Clouds 1 State of Sea S

Weather Cr

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N65°E (true) distant 28.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: At 10:54 lowered forward dory
Sft 1:07 hoisted dory

Deck Officer Mr Mahoney Recorder [illegible]

11—1023

C.E. DeLong

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	Down.		Up.		M.		M.	Down.		Up.		M.
10	49	–	10	51	–	0						
						100						
						200						
						300						
						400						
						500						
						600						
Eleman bot						~~700~~	11	39	05	11	51	30
						800	11	40	40	11	59	40
						900						
						1000						
Sent messenger						1100						
11 48 05						1200						
						1300						
Then.						1400						
						1500						
R. 46.8			L 47.0			1600						
						1700						
						1800						
						1900						
Mud Sampler						~~2000~~	11	54	00	11	56	00
						~~2100~~	11	54	30	11	54	39
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
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						3600						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

25 m

15

~~Dredge~~ Hydrog. No. 5591 Date, May 28, 1914

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

Turns 145 Cor'n Depth 79 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom bd M; S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 1:25 P / Time Air 58°

Density: Surf. fms.

Wind: Direction N.E. Force 4

Baromet. 30.38 Amt. of Clouds 1 State of Sea M

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N64°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:

Bosn Pippo C.E. DeLong

Deck Officer ~~Mr. Mahoney~~ Recorder ~~[illegible]~~

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up. P M.				M. Down.			Up. M.		
1	20	00	1	25	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1400						
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						3100						
						3200						
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						3500						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

16

~~Dredge~~ Hydrog. } No. 5592 Date, May 28, 1914

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

Turns 244 Cor'n Depth 133 fms.

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

Character of Bottom blk-l.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 1.40 P / Time } Air { 58°

Density: Surf. fms.

Wind: Direction N.E. Force 4

Baromet. 30.38 Amt. of Clouds 1 State of Sea M

Weather bc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon Coast.

Position Heceta Light bears N62½° E (true) distant 30.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Bosn Pippo Recorder C.E.D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
⌀ M.	Down.		Up.	⌀ M.			---- M.	Down.		Up.	---- M.	
1	35	00	1	40	40	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						

17

~~Dredge~~ Hydrog. No. 5593 Date, May 28, 1914

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

Turns 245 Cor'n Depth 133 fms.

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

Character of Bottom blk S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 1:54 P Time Air 56°

Density: Surf. fms.

Wind: Direction N x W. Force 4

Baromet. 30.38 Amt. of Clouds 1 State of Sea M

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears N 64° 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 Bosn Pippo Recorder C. E. D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			---- M.	Down.		Up.	---- M.	
1	48	15	1	53	50	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1400						
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						1600						
						1700						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

18

~~Dredge~~ Hydrog. No. 5594 Date, May 25, 1914

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

Turns 201 Cor'n Depth 109 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom blk S; fine gr.

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

Bottom Reading L 50° R 50° Cor'd Temp.

Temp. Surf. 54.1 Time 2:15 Time Air 56°

Density: Surf. fms.

Wind: Direction N x W Force 4

Baromet. 30.38 Amt. of Clouds 0 State of Sea M

Weather b

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 63° E (true) distant 30.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Lowered aft dory with two fishermen at 2:19, frd with 2 fishermen at 2:20

Fwd dory returned at 4:15 PM
After dory returned at 4:22 PM

Time	Wet bulb	Dry bulb
2:00	52.0	56.5

Deck Officer Bosun Pippo Recorder C. Earle Long.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			P. M. Down.			Up.	P. M.	
2	10	00	2	14	20	0	Ekman Water					
						100	bottle lowered					
						~~200~~	to 190 meters					
						~~300~~	measuring down 2 38 40					
						~~400~~	2	27	00	2	41	35
						500	2	29	40	2	39	20
						600						
						700	Bottle did not					
						800	trip until hauled					
						900	up to 90 meters					
						1000	L	5-0°		R	5-0°	
						1100						
						1200	Bottom sample					
						1300	down			up		
						1400						
						1500	2	47	30	2	50	00
						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~~ Hydrog. No. 5595 Date, May 28, 1912

Sdg. Mch. 7 N Reel 7 N ~~Shot~~ Lead 25 lbs.

Turns 211 Cor'n Depth 115 fms.

Sdg. Cup Arminy Amt. Bot'm Sample

Character of Bottom Rocky, Blk Sand -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 4:43P / Time Air 57

Density: Surf. fms.

Wind: Direction N.N.W Force 6

Baromet. 30.34 Amt. of Clouds 6 State of Sea LC

Weather LC

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 63° E (true) distant 28.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer McGlick Recorder A A Corts

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P ___ M.	Down.		Up.	P ___ M.			___ M.	Down.		Up.	___ M.	
4	43	—	4	48		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						

20

~~Dredge~~ Hydrog. No. 5596 Date, May 28, 1914

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

Turns 211 Cor'n Depth 115 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom green mud + sand -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 5:00 P / Time Air 57

Density: Surf. fms.

Wind: Direction NNW Force 6

Baromet. 30.34 Amt. of Clouds 0 State of Sea LC

Weather fc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 63° E (true) distant 27.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer McGlick Recorder CClark

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P ---- M. Down.			Up.		---- M.		---- M. Down.			Up.		---- M.
5	—	—				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						

21

~~Dredge~~ Hydrog. No. 5597 Date, May 28, 1914

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

Turns 146 Cor'n Depth 79 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom hrd gn M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 5:40 p Time Air 57

Density: Surf. fms.

Wind: Direction NNW Force 5

Baromet. 30.34 Amt. of Clouds 0 State of Sea L

Weather bg

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N63°E (true) distant 24.9 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 Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
Ø M.	Down.		Up.	Ø	M.		M.	Down.		Up.		M.
5	40	-	5	44	-	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
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						3500						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

22

~~Dredge~~ Hydrog. No. 5598 Date, May 28, 1914

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

Turns 155 Cor'n Depth 84 fms.

Sdg. Cup Clipping Amt. Bot'm Sample

Character of Bottom Hard green mud –

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 6:18 P / Time Air 57

Density: Surf. fms.

Wind: Direction N.N.W Force 5

Baromet. 30.04 Amt. of Clouds 0 State of Sea 2

Weather 6 2

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 63° E (true) distant 21.8 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. Mahoney Recorder A Clark

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P ---- M.	Down.		Up. P	---- M.			---- M.	Down.		Up.	---- M.	
6	18	30				0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

23

~~Dredge~~ Hydrog. No. 5599 Date, May 28, 1914

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

Turns 172 Cor'n Depth 94 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Hard Green mud –

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

Bottom Reading Cor'd. Temp.

Temp. Surf. 53 Time 6:55 P Time Air 56

Density: Surf. ° fms.

Wind: Direction N. Force 6

Baromet. 30.35 Amt. of Clouds 0 State of Sea R

Weather Lc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 63° E (true) distant 18.7 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 Marlow Recorder C Clark

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P ___ M. Down.			Up.	P ___ M.			___ M. Down.			Up.	___ M.	
6	55		6	57	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

25

~~Dredge~~ Hydrog. No. 5600 Date, May 28, 1914

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

Turns 175 Cor'n Depth 95 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom soft green mud –

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7.32 P / Time Air 53

Density: Surf. fms.

Wind: Direction N. Force 6

Baromet. 30.36 Amt. of Clouds 1 State of Sea R

Weather b C. 2

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 63° E (True) distant 15.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer McMahoney Recorder A. Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P ___ M. Down.			Up. P ___ M.				___ M. Down.			Up. ___ M.		
7	32	–	7	36	–	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

26

~~Dredge~~ Hydrog. No. 5601 Date, May 28, 1914

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

Turns 150 Cor'n Depth 82 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Clean lead -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8:08P Time Air 53

Density: Surf. fms.

Wind: Direction N Force 6

Baromet. 30.36 Amt. of Clouds 1 State of Sea R

Weather GCZ

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 63° 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 S Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P ---- M. Down.			Up.		---- M.		---- M. Down.			Up.		---- M.
8	08					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
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						4900						

1.

~~Dredge~~ Hydrog. No. 5602 Date, May 29, 1914

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

Turns 85 Cor'n Depth 46 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 4:23 am Time Air 53

Density: Surf. fms.

Wind: Direction NNW Force 5

Baromet. 30.25 Amt. of Clouds 0 State of Sea R

Weather Cg.

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears S74½°E (True) distant 7.8 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 Mahoney Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
1 M. DOWN.			UP. 2 M.				___ M. DOWN.			UP.	___ M.	
4.	73		4.	75		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

2

~~Dredge~~ Hydrog. No. 5603 Date, May 29, 1914

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

Turns 102 Cor'n Depth 55 fms.

Sdg. Cup Army Amt. Bot'm Sample

Character of Bottom fac S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time a / Time Air 53

Density: Surf. fms.

Wind: Direction NNW Force 5

Baromet. 30.28 Amt. of Clouds 0 State of Sea R

Weather Bg.

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears S85°E (true) distant 10.4 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. Mahoney Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M. DOWN.			UP. 9 M.				___ M. DOWN.			UP. ___ M.		
4	59	–	5	02	–	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
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						4500						
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						4800						
						4900						

3.

Dredge / Hydrog. No. 5604 Date, July 29, 1914

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

Turns 116 Cor'n Depth 63 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom clean lead

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 5:36 a / Time } Air { 53.5 }

Density: Surf. fms.

Wind: Direction NNW Force 5

Baromet. 30.28 Amt. of Clouds 0 State of Sea R

Weather Cy

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Oregon Coast

Position Heceta Light bears E (true) distant 13.0 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 [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
5 M. Down.			Up. 5 M.				___ M. Down.			Up. ___ M.		
5	36	—	5	38	—	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						

4

~~Dredge~~ Hydrog. No. 5605 Date, May 29, 1914

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

Turns 130 Cor'n Depth 70 fms.

Sdg. Cup Alming Amt. Bot'm Sample

Character of Bottom Sft gr M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 6:14 a / Time Air 54

Density: Surf. fms.

Wind: Direction NNW Force 5

Baromet. 30.28 Amt. of Clouds 0 State of Sea R

Weather Cl

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 86½° E (true) ~~distant~~ 15.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mc Mahorey Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up. a M.				M. Down.			Up.	M.	
6	14	–	6	16	–	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
						4200						
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						4500						
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						4700						
						4800						
						4900						

5.

~~Dredge~~ Hydrog. No. 5606 Date, May 29, 1914

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

Turns 138 Cor'n Depth 75 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Sft gr M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 6:51 A / Time Air 55

Density: Surf. fms.

Wind: Direction NNW Force 6

Baromet. 30.28 Amt. of Clouds 0 State of Sea 7

Weather Fog.

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast.

Position Heceta Light bears N 84° E (true) distant 18.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Wm. Mahoney Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M. DOWN.			UP.	9 M.			---- M. DOWN.			UP.	---- M.	
6	57	–	6	54		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
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						4700						
						4800						
						4900						

6.

~~Dredge~~ Hydrog. No. 5607 Date, May 29, 1914

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

Turns 125 Cor'n Depth 68 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom fine G.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7:28 am / Time Air 55

Density: Surf. fms.

Wind: Direction NNW Force 6

Baromet. 30.28 Amt. of Clouds 0 State of Sea R

Weather 3.

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 82½° 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 Mr Mahoney Recorder Arnkil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
7 M. DOWN.			UP.	7 M.			---- M. DOWN.			UP.	---- M.	
7	28	-	7	30	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						4000						
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						4800						
						4900						

7.

~~Dredge~~ Hydrog. No. 5608 Date, May 29, 1914

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

Turns 116 Cor'n Depth 62 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. 50 Time 7:43 a Time Air 55

Density: Surf. fms.

Wind: Direction NNW Force 6

Baromet. 30.28 Amt. of Clouds 0 State of Sea R

Weather Cg.

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N81½° E (true) distant 22.5 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 [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
~~A~~ M. Down.			Up.	~~A~~ M.			___ M. Down.			Up.	___ M.	
7	43	-	7	45	-	0						
						100						
						200						
						300						
						400						
						500						
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						4800						
						4900						

8.

~~Dredge~~ Hydrog. No. 5609 Date, May 29, 1914

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

Turns 121 Cor'n Depth 65 fms.

Sdg. Cup Spring Amt. Bot'm Sample

Character of Bottom Hard sun –

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7:57 a / Time Air 56

Density: Surf. fms.

Wind: Direction N.N.W Force 6

Baromet. 30.28 Amt. of Clouds 0 State of Sea R

Weather Cz

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 81° E (true) distant 23.9 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 F Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
~~8~~ M. Down.			Up.	~~8~~ M.			---- M. Down.			Up.	---- M.	
7	57	30	8	—	—	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
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						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

9.

~~Dredge~~ Hydrog. No. 5610 Date, May 29, 1914

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

Turns 144? Cor'n Depth 75 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Hard green mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8:139 / Time Air 56

Density: Surf. fms.

Wind: Direction N.N.W Force 6

Baromet. 30.28 Amt. of Clouds 0 State of Sea R

Weather bz

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 80½° E (true) distant 24.8 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 C A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A ___ M. DOWN.			UP. A ___ M.				___ M. DOWN.			UP.		___ M.
8	13		8	16		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						

10

~~Dredge~~ Hydrog. No. 5611 Date, May 29, 1914

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

Turns 125 Cor'n Depth 67 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom blk L.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8.50 Time Air 56

Density: Surf. fms.

Wind: Direction N.N.W. Force 6

Baromet. 30.28 Amt. of Clouds 1 State of Sea R

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears N80°E (true) distant 27.6 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.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				M. Down.			Up.		M.
8	60	60	8	52	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
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						3000						
						3100						
						3200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Pos. & Barometer checked E.C.J. June 17-1914

56 fms. –

~~Heaven the QM comes on vessel will oil p. 1. with Sperm oil & no more heavy oil will be used on the log under any circumstances.~~

By direction of C.O.