Hydro. 5514 – 5562

May 7-8, 1914

Oregon Coast

4.

May 7 - May 8, 1914

Hydro. 5514 - 5562

20

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

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

Turns 90 Cor'n Depth 49 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 9.20 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 o/c

Direction and Force of Current. Surface: Bottom

Tide

General Locality Of Oregon Coast

Position Yaquina Light bears S8½° E (true) distant 18.1 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A	M.		___ M.	DOWN.		UP.		___ M.
9	20		9	22		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

21

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

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

Turns 84 Cor'n Depth 45 fms.

Sdg. Cup Stoning 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 9:33 a Time Air 55

Density: Surf. fms.

Wind: Direction East Force 2-3

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

Weather op

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S7°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. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A M.			___ M.	DOWN.		UP.	___ M.	
9	33		9	35		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

22

~~Dredge~~ / Hydrog. No. 5516 Date, May 7, 1914

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

Turns 95 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. { 54 Time 9:50 a / Time } Air { 55 / }

Density: Surf. fms.

Wind: Direction East Force 3

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

Weather Op

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S5½°E (true) distant 19.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

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

Deck Officer Mr. Glick Recorder

11—1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A. M. Down.		Up.	A. M.		A. M. Down.		Up.	A. M.
9	50	9	52	0	10	50	11	00
				100	10	51	30	10
				200				57
				300				30
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Nansen Peterson Water bottle

43

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

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

Turns 87 Cor'n Depth 48 fms.

Sdg. Cup Foming Amt. Bot'm Sample

Character of Bottom Sty S

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction Ent Force 3

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

Weather Or

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N 26½° E (true) distant 13.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Arnold

11—1023

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

24 Set

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

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

Turns 88 Cor'n Depth 48 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading 17.3 Cel. Cor'd Temp. (Stem = 12)

Temp. Surf. 53.1° Time 11:00 a Time Air

Density: Surf. fms.

Wind: Direction East Force 3

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

Weather or

Direction and Force of Current. Surface Bottom

Tide

General Locality Of Oregon Coast

Position Cape Kiwanda bears N29°E (true) distant 12.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Nansen Peterson Water bottle and Mud Sampler, both from Small dr. wench.

Time towing h. m.

Remarks: At 10:17 towered 2 dories. At 10:50 Sounded in 92 m (50 fms) and put over Nansen Peterson water bottle with 82 meter cable. When down 5 min. Sent Messenger down and hove up. Bottle thermo. fails to register. — At Tord dory returned at 12:07, aft dory at 12:10

Deck Officer Mr. Glick Recorder [illegible]

11—1023

C.E. DeLong

Small

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
A M.	DOWN.	UP.	A M.		A M.	DOWN.		UP.	A M.	
10	17	8	21	0	10	50		11	00	00
				~~100~~	10	51		10	57	30
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				~~1000~~	11	54		11	55	
				~~1100~~						
				1200						
				1300						
				1400						
				1500						
				1600						
				1700						
				1800						
				1900						
				2000						
				2100						
				2200						
				2300						
				2400						
				2500						
				2600						
				2700						
				2800						
				2900						
				3000						
				3100						
				3200						
				3300						
				3400						
				3500						
				3600						
				3700						
				3800						
				3900						
				4000						
				4100						
				4200						
				4300						
				4400						
				~~4500~~						
				4600						
				4700						
				4800						
				4900						

Nansen Peterson wtr. bottle

Mud Sampler

11:54 used Mud Sampler

25

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

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

Turns 93 Cor'n Depth 51 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 12:25 Time Air 53°

Density: Surf. fms.

Wind: Direction East Force 2

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

Weather or

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Cape Kiwanda bears N 31½° E (true) distant 11.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.		___ M.
12	23	40	12	25	20	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						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						

26

~~Dredge~~ / Hydrog. } No. 5520 Date, May 7, 1914

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

Turns 94 Cor'n Depth 51 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~gy~~ S; hk sh.

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction East Force 2

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

Weather OL

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N33½°E (true) distant 11.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			___ M. Down.			Up.	___ M.	
12	40	35	12	43	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

27

Dredge / Hydrog. No. 5529 Date, May 7, 1914

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

Turns 91 Cor'n Depth 49 fms.

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

Character of Bottom blue S

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction East Force 2

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

Weather oz

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N 36½° E (true) distant 10.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

Deck Officer Ch. Boatn Mahon Recorder C. E. D. Long

11—1023

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

28

~~Dredge~~ Hydrog. No. 5529 Date, May 7, 1914

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

Turns 88 Cor'n Depth 48 fms.

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

Character of Bottom soft

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

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

Weather oc

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon coast

Position Cape Kiwanda bears N 39½° E (true) distant 9.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch Bos'n Mahoney Recorder C. E. D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			M.	Down.		Up.		M.
1	13	20	1	16	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

29

~~Dredge~~ Hydrog. No. 5523 Date, May 7, 1914

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

Turns 86 Cor'n Depth 47 fms.

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

Character of Bottom Ogy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time Time Air 54°

Density: Surf. fms.

Wind: Direction S.E. Force 3

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

Weather or

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N43½°E (true) distant 8.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.		P M.		___ M.	Down.		Up.		___ M.
1	29	15	1	32	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

30

~~Dredge~~ Hydrog. No. 5524 Date, May 7, 1914

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

Turns 81 Cor'n Depth 44 fms.

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

Character of Bottom ~~gy~~ S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 1:45 p Time Air 54°

Density: Surf. fms.

Wind: Direction S.E. Force 3-4

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

Weather od

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N44½°E (true) distant 7.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			___ M.	DOWN.		UP.	___ M.	
1	44	10	1	45	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

31

~~Dredge~~ / Hydrog. No. 53-25 Date, May 7, 1914

Sdg. Mch. T. M. Reel ~~Shot~~ / Lead 28 lbs.

Turns 77 Cor'n Depth 42 fms.

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

Character of Bottom soft

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 2:03 / Time Air 54°

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

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

Weather Ofr

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch Boatswain Mahoney Recorder C.E. DeLong

11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			___ M.	DOWN.		UP.	___ M.	
2	00	16~	2	02	10	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						

32

~~Dredge~~ Hydrog. No. 5-526 Date, May 7, 1914

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

Turns 74 Cor'n Depth 40 fms.

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

Character of Bottom [illegible]

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 2.08 Time Air 54°

Density: Surf. fms.

Wind: Direction Force 3-4

Baromet. Amt. of Clouds State of Sea C

Weather

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.		Down.	Up.		___ M.		___ M.		Down.	Up.		___ M.
2	07	35	2	10	10	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						

33

~~Dredge~~ / Hydrog. No. 42-29 Date, May 7, 1914

Sdg. Mch. T N Reel ~~Shot~~ / Lead 28 lbs.

Turns 63 Cor'n Depth 34 fms.

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

Character of Bottom Sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { Time / Time } Air

Density: Surf. fms.

Wind: Direction S.E. Force 3

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

Weather Ofc

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon coast

Position Cape Kiwanda bears N 55½° E (true) distant 4.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer C. Bean Mahoney Recorder C E Dr Long

11—1023

11—1023

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

34

~~Dredge~~ / Hydrog. No. 5-5-2 B Date, May 7, 1914

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

Turns 95 Cor'n Depth 5-0 fms.

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

Character of Bottom 98-2

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction SE. Force 3-4

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

Weather Cl

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon coast

Position Cape Kiwanda bears N80½°E (true) distant 5.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Boatn Mahoney Recorder C E DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.		___ M.
3	01	45	3	04	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

35

~~Dredge~~ Hydrog. No. 5529 Date, May 7, 1914

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

Turns 95 Cor'n Depth 52 fms.

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

Character of Bottom gy S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 3:20 P. Time Air 54°

Density: Surf. fms.

Wind: Direction S.E. Force 3

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

Weather oz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

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

36

~~Dredge~~ Hydrog. No. 2-S-39 Date, May 7, 1914

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

Turns ? Cor'n Depth 6-0 fms.

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

Character of Bottom Sft S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 8:35 P Time Air 54°

Density: Surf. fms.

Wind: Direction S.E. Force 3

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

Weather Cy

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch Boss Mahoney Recorder C E De Long

11—1023

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

37

~~Dredge~~ / Hydrog. No. 5-5-38 Date, May 7, 1914

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

Turns 89 Cor'n Depth 48 fms.

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

Character of Bottom Grey L.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 3:15-3 / Time Air 54°

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

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

Weather Cy

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears S 66° E (true) distant 5.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			___ M.	Down.		Up.	___ M.	
3	60	30	3	52	10	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

38

~~Dredge~~ / Hydrog. No. 15-35-39 Date, May 7, 1914

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

Turns 90 Cor'n Depth 49 fms.

Sdg. Cup Sounding Amt. Bot'm Sample

Character of Bottom Rocky Sand

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction SE Force 3

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

Weather bCm

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears S59½°E (true) distant 6.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Tipp Recorder A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			___ M.	DOWN.		UP.	___ M.	
4	04		4	07		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

39

~~Dredge~~ Hydrog. } No. 5533 Date, May 7, 1914

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

Turns 87 Cor'n Depth 47 fms.

Sdg. Cup soft soup Amt. Bot'm Sample

Character of Bottom wavy sand -

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction SE Force 3

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

Weather 6 cm

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears S49½°E (true) distant 6.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C S Cook

11—1023

11—1023

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

10

~~Dredge~~ / Hydrog. No. 5539 Date, May 7, 1914

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

Turns 89 Cor'n Depth 48 fms.

Sdg. Cup Soft sand Amt. Bot'm Sample

Character of Bottom White sand

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction SE by S Force 3

Baromet. 30.02 Amt. of Clouds 8 State of Sea 2

Weather bC

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon Coast

Position Cape Mears light bears N29½° E (true) distant 10.5 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Piffro Recorder C H Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P___	M.		___ M.	DOWN.		UP.	___	M.
4	52		4	54		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

41

~~Dredge~~ Hydrog. } No. 5535 Date, May 7, 1914

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

Turns 94 Cor'n Depth 51 fms.

Sdg. Cup arming Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 5:22 p / Time } Air { 54

Density: Surf. fms.

Wind: Direction SE x S Force 3

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

Weather b c

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Cape Meares Light bears N40°E (true) distant 8.8 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pippo Recorder Grutit

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			____ M.	DOWN.		UP.	____ M.	
5	22		5	25		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

42

Dredge / Hydrog. No. 5536 Date, May 7, 1914

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

Turns 103 Cor'n Depth 56 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Hard Sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57 Time 6.02 A Time Air 53

Density: Surf. fms.

Wind: Direction SE x S Force 3

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

Weather fc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Mears Light bears N 59½° E (true) distant 7.8 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time	Wet bulb	Dry bulb
6:00 P.M.	54.0	56.2

Deck Officer McGlick Recorder A.L. Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.	___ M.	
6	02		6	02		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

43

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

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

Turns 109 Cor'n Depth 59 fms.

Sdg. Cup Soft Soup Amt. Bot'm Sample

Character of Bottom White Sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57 Time 6.39 P Time Air 55

Density: Surf. fms.

Wind: Direction S E x S Force 3

Baromet. 30.01 Amt. of Clouds 4 State of Sea 2

Weather b c

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Mears Light bears N 80° E (true) distant 7.1 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder C Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. DOWN.			UP.		___ M.		___ M. DOWN.			UP.		___ M.
6	39		6	42		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						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						

44

Dredge / Hydrog. No. 5538 Date, May 7, 1914

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

Turns 114 Cor'n Depth 62 fms.

Sdg. Cup soft soap Amt. Bot'm Sample

Character of Bottom Clean lead. - Hard bottom

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction S E x S Force 3

Baromet. 30.01 Amt. of Clouds 4 State of Sea 2

Weather f c

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder C L Cook

11—1023

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

45

~~Dredge~~ Hydrog. No. 5539 Date, May 7, 1914

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

Turns 114 Cor'n Depth 62 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. 52 Time 7:07 P Time Air 55

Density: Surf. fms.

Wind: Direction SE x S Force 3

Baromet. 30.101 Amt. of Clouds 7 State of Sea 2

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Meares Light bears S86½°E (true) distant 8.0 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder C L Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. DOWN.		UP.		___ M.		___ M. DOWN.			UP.		___ M.
2	07		7	09		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

46

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

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

Turns 105 Cor'n Depth 57 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 7:37 P Time Air 55

Density: Surf. fms.

Wind: Direction E x N Force 3

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

Weather f c

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Mearesdight bears S65½°E (true) distant 8.1 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder C K Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P ___ M. Down.			Up.	P ___ M.			___ M. Down.			Up.		___ M.
7	37		7	39		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						

47

~~Dredge~~ Hydrog. No. 5549 Date, May 7, 19 14

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

Turns 101 Cor'n Depth 55 fms.

Sdg. Cup soft lead 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 8.06 P Time Air 55

Density: Surf. fms.

Wind: Direction E × N Force 3

Baromet. 3001 Amt. of Clouds 7 State of Sea 2

Weather b c

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Cape Meares Light bears S48°E (true) distant 9.3 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Mahoney Recorder C K Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.		---- M.		---- M. DOWN.			UP.		---- M.
8	06		8	08		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

1.

Dredge / Hydrog. No. 5542 Date, May 8, 1914

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

Turns 95 Cor'n Depth 51 fms.

Sdg. Cup Sowing 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 6.30 a / Time Air 53°

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 29.97 Amt. of Clouds 8 State of Sea 2

Weather fg

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast.

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

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder A. Mitt

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A M.			___ M.	DOWN.		UP.		___ M.
6	30		6	32		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

2.

Dredge / Hydrog. No. 5543 Date, May 5, 1914

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

Turns 88 Cor'n Depth 48 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. Time 6.57 a 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 Cape Meares Light bears B26°E (true) distant 13.2 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Smith

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A M.			___ M.	DOWN.		UP.	___ M.	
6	57		7	01		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

3.

~~Dredge~~ Hydrog. No. 5544 Date, May 8, 1914

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

Turns 2 Cor'n Depth 47 fms.

Sdg. Cup Brass Amt. Bot'm Sample

Character of Bottom S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53 Time 7:30 A Time Air 54

Density: Surf. fms.

Wind: Direction East Force 1

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

Weather fr

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N17½° E (true) distant 13.2 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Ghiz Recorder Smith

11—1023

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

4

~~Dredge~~ / Hydrog. No. 5545 Date, May 8, 1914

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

Turns 92 Cor'n Depth 6-0 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Sft.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 6-3° Time 8 00 a a / Time } Air { 6-4° / }

Density: Surf. fms.

Wind: Direction East Force 1

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

Weather Lcy

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N26½°E(true) distant 11.0 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. Glick Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A M.			___ M.	DOWN.		UP.	___ M.	
7	57	30	7	59	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

5-

~~Dredge~~ Hydrog. } No. 55-46 Date, May 8, 1914

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

Turns 95 Cor'n Depth 5-2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom hard bk

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction S x E. Force

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

Weather bc

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M.	DOWN.		UP.	9 M.			---- M.	DOWN.		UP.	---- M.	
8	22	00	8	24	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 6-6-47 Date, May 8, 1914

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

Turns 95 Cor'n Depth 6-2 fms.

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

Character of Bottom S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 6-6° Time 8:53 A Time Air 6-6°

Density: Surf. fms.

Wind: Direction S x E. Force 1

Baromet. 29.94 Amt. of Clouds 9 State of Sea 2

Weather Loc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 57½ E (true) distant 7.3 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
@ M.	DOWN.		UP.	@ M.			____ M.	DOWN.		UP.	____ M.	
8	5-0	00	8	5-2	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

7

~~Dredge~~ Hydrog. No. 5-5-4B Date, May 8, 1914

Sdg. Mch. T.M. Reel 1 ~~Shot~~ Lead 25 lbs.

Turns 1115 Cor'n Depth 62 fms.

Sdg. Cup Armington Lid Amt. Bot'm Sample

Character of Bottom S(?) md

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53.5 Time 9:28a Time Air 56.5°

Density: Surf. fms.

Wind: Direction S.S.E. Force 1

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

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer H. Boen Mahoney Recorder C. K. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up.	a M.			___ M. Down.			Up.	___ M.	
9	24	30	9	27	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						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						

6.

~~Dredge~~ / Hydrog. No. 5-5-49 Date, May 8, 1914

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

Turns 121 Cor'n Depth 66 fms.

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

Character of Bottom gr. M.

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

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

Baromet. 29.95 Amt. of Clouds 10 State of Sea 2

Weather Oz

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 73½ E (true) distant 10.5 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time	Wet bulb	Dry bulb
9:45 a.m.	56.8	62.0

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M.	DOWN.		UP.	9 M.			---- M.	DOWN.		UP.	---- M.	
9	37	00	9	40	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

9

~~Dredge~~ Hydrog. No. 5-5-59 Date, May 8, 1914

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

Turns 125 Cor'n Depth 68 fms.

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

Character of Bottom M. S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53.5 Time 9.45 a / Time Air 56°

Density: Surf. fms.

Wind: Direction S x E. Force 2-3

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

Weather Cy

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M.	Down.		Up.	9 M.			___ M.	Down.		Up.	___ M.	
9	5-1	30	9	5-4	10	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. 55-56 Date, May 8, 1914

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

Turns 133 Cor'n Depth 72 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. { 53.5° Time 10:10 a / Time } Air { 56°

Density: Surf. fms.

Wind: Direction S.E. x S Force 2

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

Weather Oz

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 77½° E (true) distant 12.4 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M.	DOWN.		UP.	a M.			---- M.	DOWN.		UP.		---- M.
10	06	30	10	09	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

11

~~Dredge~~ Hydrog. No. 55-52 Date, May 8, 1914

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

Turns 137 Cor'n Depth 75 fms.

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

Character of Bottom grn. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53.5° Time 10:22 / Time Air 56°

Density: Surf. fms.

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

Baromet. 29.95 Amt. of Clouds 9 State of Sea 8

Weather hzy

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N78°E (true) distant 134 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer C. Bean Mabey Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
Q	M.	Down.	Up.	Q	M.		____	M.	Down.	Up.	____	M.
10	19	38	10	22	10	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						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						

12

~~Dredge~~ Hydrog. No. 5553 Date, May 8, 1914

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

Turns 146 Cor'n Depth 79 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. 53.5° Time 10:55 Time Air 57°

Density: Surf. fms.

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

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

Weather bcp

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Cl. Bosn Mahoney Recorder C. E. Le Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
Q M.	DOWN.		UP.	Q	M.		____ M.	DOWN.		UP.		____ M.
10	52	10	10	55	10	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						

13

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

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

Turns 152 Cor'n Depth 83 fms.

Sdg. Cup Armington lead Amt. Bot'm Sample

Character of Bottom sft gn M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 11:32 Time Air 56°

Density: Surf. fms.

Wind: Direction S.S.E. Force 3

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

Weather ozp

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M.	DOWN.		UP.	9 M.			___ M.	DOWN.		UP.	___ M.	
11	28	10	21	31	20	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

14

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

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

Turns 159 Cor'n Depth 86 fms.

Sdg. Cup soft soup Amt. Bot'm Sample

Character of Bottom soft green mud

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 12 noon Time Air 57

Density: Surf. fms.

Wind: Direction SSE Force 2-4

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

Weather b c m

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Mahoney Recorder C H Clark

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
	M.	Down.		Up.		M.		M.	Down.		Up.		M.
12		—		12	04	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							

15

~~Dredge~~ Hydrog. No. 5556 Date, May 8, 1914

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

Turns 143 Cor'n Depth 78 fms.

Sdg. Cup Soft soap Amt. Bot'm Sample

Character of Bottom Hard bottom-rock -

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction SSE Force 3

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

Weather bcpq

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast -

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

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pifsho Recorder C A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.		___ M.		___ M.	DOWN.		UP.		___ M.
12	34		12	37		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						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						

16

~~Dredge~~ Hydrog. No. 5557 Date, May 8, 1914

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

Turns 172 Cor'n Depth 94 fms.

Sdg. Cup soft soup Amt. Bot'm Sample

Character of Bottom soft green mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57 Time 12.43 P Time Air 55

Density: Surf. fms.

Wind: Direction SSE Force 3

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

Weather bcpg

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast -

Position Tillamook Light bears N87½°E (true) distant 25.6 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C L Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.	P	M.		----	M. Down.		Up.	----	M.
12	43	30	12	47	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

17 Set -

~~Dredge~~ Hydrog. No. 5558 Date, May 8, 1914

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

Turns 146 Cor'n Depth 79 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Mud + fine gravel -

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

Bottom Reading L-49 R-48.9 Cor'd Temp.

Temp. Surf. 52 Time 1:03 P Time Air 55

Density: Surf. fms.

Wind: Direction SSE Force 3

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

Weather bcpq

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears N 87° E (true) distant 25.1 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Ekman Water Bottle + Albatross bottom sampler

Time towing h. m.

Remarks: Location approximately the same as #15 of May 8-1914 Hydrog No 5556

at 1:12 PM lowered ford dory - Rtd at 3:05 P.

" 1:14 PM " aft dory - Rtd at 3:02 P

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

Deck Officer Mr Pippo Recorder C. Cook

11—1023

11—1023

Small

SOUNDING WIRE. P ___ M. Down.	Up. P ___ M.	FMS.	DREDGING CABLE. ___ M. Down.	Up. ___ M.
1 03	1 07	0	Ekman Water	
		~~100~~	Bottle	
		meters ~~200~~	1 43 30	1 50 —
		70 ~~300~~	1 45 —	1 51 25
		400		
		500	L 49	
		600	R 48.9	
		700		
		800		
		900		
		1000		
		1100		
		~~1200~~	Albatross	
		meters ~~1300~~	bottom sampler	
		130 00	1 55	1 57
		500		
		1600	2½ ft sample	
		1700	of mud	
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dory set N.N.E. from this station — Dory at Extreme Caught several halibut —

18

~~Dredge~~ Hydrog. No. 5559 Date, May 8, 1914

Sdg. Mch. TN Reel TN Shot Lead 28 lbs.

Turns 152 Cor'n Depth 83 fms.

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

Character of Bottom W/N Green Mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 3:43 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 S86½°E (true) distant 25.3 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C. A. Cook -

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.	P	M.		M. Down.			Up.		M.
3	43		3	47		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

19

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

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

Turns 156 Cor'n Depth 95 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Rock & M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 4:16 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 879½° E (true) distant 25.9 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Antrim

11—1023

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

20

Dredge / Hydrog. No. 5566 Date, May 8, 1914

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

Turns 148 Cor'n Depth 81 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Sft bu M Sd

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 4:51 P Time Air 54

Density: Surf. fms.

Wind: Direction SE Force 4

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

Weather Op

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears 873½°E (true) distant 26.9 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Arthill

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			___ M.	DOWN.		UP.		___ M.
4	57		4	57		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

21

Dredge / Hydrog. No. 5562 Date, May 8, 1914

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

Turns 161 Cor'n Depth 88 fms.

Sdg. Cup Arming 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 5:30 P / Time Air 54°

Density: Surf. fms.

Wind: Direction S.E. Force 3-4

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

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears 868° E (true) distant 28.2 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Wm. Glick Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			___ M.	DOWN.		UP.	___ M.	
5-23	5-0		5-27	35-		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						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						

Boo. and Psychrometer checked & C.S. June 17-1914

5=34-5-0

164 = 89