Hydro. 5415 - 5464

May 3 - 5, 1914

507

Oregon Coast
R 2.
May 3 – May 5, 1914.

Hydro. 5415 – 5464

~~Dredge~~ Hydrog. No. 5415 Date, May 3, 1914.

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

Turns ..... Cor'n ..... Depth 83 153 fms.

Sdg. Cup Soft Soup Amt. Bot'm Sample .....

Character of Bottom Green Mud

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

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

Temp. Surf. 52 Time 11:40 a.m. Time ..... Air 54.5

Density: Surf. ..... fms.

Wind: Direction N.W x W Force 4.5

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

Weather b c z

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

Tide .....

General Locality Off Oregon Coast

Position Yaquina Light bears S15½E (true) distant 21.9 miles

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

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used .....

Time towing ..... h. ..... m.

Remarks: .....

Deck Officer Mr Pippo Recorder C L Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			---- M. Down.			Up.	---- M.	
11:40 a.m						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5416 Date, May 3, 1914

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

Turns Cor'n Depth 92 169 fms.

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

Character of Bottom gn M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 11:57 a. / Time Air 54.5°

Density: Surf. fms.

Wind: Direction NWby W Force 4-5

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

Weather Cez.

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off the Oregon Coast.

Position Yaquina Light bears S15½E (true) distant 22.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
M. Down.		Up.		____ M.		____ M. Down.			Up.		____ M.
11 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						

~~Dredge~~ Hydrog. } No. 5417 Date, May 3, 1914

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

Turns Cor'n Depth 85 157 fms.

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

Character of Bottom gn M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 12:22 p. / Time } Air { 55°

Density: Surf. fms.

Wind: Direction NW by W Force 4-5

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

Weather Bag.

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Of Oregon Coast.

Position Yaquina Light bears S13°E (true) distant 23.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
⊗ M.	Down.		Up.	----	M.		---- M.	Down.		Up.	----	M.
12	22					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5418 Date, May 3, 1914

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

Turns Cor'n Depth 98 '70 fms.

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

Character of Bottom gn M.

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction NW by W Force 4-5

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

Weather bay

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Of Oregon Coast

Position Yaquina Light bears S15½° E (true) distant 24.1 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Strukil

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	----	M.		---- M.	Down.		Up.	----	M.
12	58					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. 5419 Date, May 3, 1914

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

Turns Cor'n Depth 100 183 fms.

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

Character of Bottom gn M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 1:40 p. / Time Air 52

Density: Surf. fms.

Wind: Direction NNW Force 4

Baromet. 30.24 Amt. of Clouds 3 State of Sea 2

Weather Hazy

Direction and Force of Current. Surface / Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S15°E (true) distant 26.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M. Down.		Up.		---- M.		---- M. Down.			Up.		---- M.
1	40					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						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. 5420 Date, May 3, 1914

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

Turns Cor'n Depth 112 206 fms.

Sdg. Cup Arming on bow 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 2:20 p Time Air 56

Density: Surf. fms.

Wind: Direction WNW Force 4

Baromet. 30.23 Amt. of Clouds 3 State of Sea 2

Weather bog

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

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

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Strakil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P ___ M.	Down.		Up.		___ M.		___ M.	Down.		Up.		___ M.
2	20					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						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. 5421 Date, May 3, 1914.

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

Turns Cor'n Depth 109 201 fms.

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

Character of Bottom gn ST.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 3:00 p. / Time } Air { 56

Density: Surf. fms.

Wind: Direction WNW Force 4

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

Weather Very

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S15°E (true) distant 30.6 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. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.		---- M.		---- M. Down.			Up.		---- M.
3	00					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						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. 5422 Date, May 3, 1914

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

Turns Cor'n Depth 103 188 fms.

Sdg. Cup Stoming 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. { 51 Time 3:55 p / Time } Air { 55

Density: Surf. fms.

Wind: Direction WNW Force 3

Baromet. 30.21 Amt. of Clouds 3 State of Sea L

Weather Bay

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S15°E (true) distant 33.6 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. Glick Recorder Strukil -

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	---- M.		---- M.	Down.		Up.	---- M.	
3	5J				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. 5423 Date, May 3, 1914

Sdg. Mch. T.N. Reel ~~Shot~~ Lead } 25 lbs. 180 meters

Turns Cor'n Depth 99 fms.

~~Sdg. Cup~~ tallow 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. { 51 Time 5-00 / Time } Air { 55

Density: Surf. fms.

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

Baromet. 30.20 Amt. of Clouds 7 State of Sea L

Weather bc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon coast

Position Cape Kiwanda bears S77° E (true) distant 14.0 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 Bvan Mahoney Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.	___ M.	
4	5-6	30	5	00	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5424 Date, May 3, 1914

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

Turns Cor'n Depth 108 198 meters fms.

Sdg. Cup Coming 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. 5-0° Time 5-5-0 Time Air 5-4°

Density: Surf. fms.

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

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

Weather bcy

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Cape Mears Light bears N 54½° E (true) distant 17.1 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time	Wet bulb	Dry bulb
6.00 P.M.	49.0	51.0

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			___ M. Down.			Up.	___ M.	
5	46	00	5	5-0	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. 5425 Date, May 3, 1914

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

Turns Cor'n Depth ~~98~~ 181 meters 99 fms.

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

Character of Bottom gn M.

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction W.N.W. Force 2

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

Weather Coz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Cape Meares Light bears N 70° E (true) distant 17.0 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.		P. M.		---- M. Down.			Up.		---- M.
6	28	00	6	20	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5426 Date, May 3, 1914

Sdg. Mch. T.N. Reel ~~Shot~~ Lead } 25 lbs. 195 meters

Turns Cor'n Depth 106 fms.

Sdg. Cup Armington lead Amt. Bot'm Sample

Character of Bottom gn M.

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction W.N.W Force 2

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

Weather bcz

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon coast

Position Cape Meares Light bears N80°E (true) distant 16.6 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

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

Deck Officer Bosn Pippo Recorder C.E. DeLong

11—1023

11—1023

Alb. bottom samples

SOUNDING WIRE.						FMS.	~~DREDGING CABLE.~~					
P M. Down.			Up.	P M.			P M. Down.			Up.	P M.	
7	07	00	7	11	00	0	7	19	00	7	21	54
						100	7	19	49	7	19	55
						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. 5427 Date, May 4, 1914

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

Turns Cor'n Depth 100 183 fms.

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

Character of Bottom Green mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 6.09 am / Time } Air { 53

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.31 Amt. of Clouds 4 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 N86°E (true) distant 16.4 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C S Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				___ M. Down.			Up. ___ M.		
6	09	10	6	13	50	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. 2428 Date, May 4, 1914

Sdg. Mch. T N Reel T N Shot Lead 25 lbs. 180

Turns Cor'n Depth 98 fms.

Sdg. Cup Soft soap Amt. Bot'm Sample

Character of Bottom Green mud –

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 6.29 am Time Air 53

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.31 Amt. of Clouds 4 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 N86°E (true) distant 15.1 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Wire cable on small dredging wench parted + 5 fms small dredging cable, 150 lb, weight + 1 4 ft intermediate net lock – also 1 ball bearing swivel

Deck Officer Mr Pippo Recorder C X Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M. Down.			Up. A. M.				A. M. Down.			Up. A. M.		
6	29	30	6	34	—	0	Tow	Net				
						100	7	05		7	22	30
						200						
						300						
						400	Cable parted					
						500	at			7:22:30 a.m.		
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

3:

Dredge / Hydrog. No. 5429 Date, May 4, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ Leads 25 lbs. 184

Turns Cor'n Depth 100 fms.

Sdg. Cup Soft soap Amt. Bot'm Sample

Character of Bottom green mud –

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 7.32 a.m. / Time Air 54

Density: Surf. fms.

Wind: Direction Calm Force 0

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

Weather

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Cape Meares Light bears S84°E (true) distant 16.3 miles

Chart used: No. 6108 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time	Wet bulb	Dry bulb
8:00 P.M.	47.0	52.5

Deck Officer Mr Pipp Recorder C. H. Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				___ M. Down.			Up.		___ M.
7	32		7	36		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. 5430 Date, May 4, 1914

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

Turns Cor'n Depth 98 180 fms.

Sdg. Cup Armington bed Amt. Bot'm Sample

Character of Bottom hrd bn JT

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8.34 a. Time Air 55

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.21 Amt. of Clouds 5 State of Sea L.

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

Position Cape Meares Light bears S76°E (true) distant 17.9 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 [illegible]

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
A. M. Down.			Up.	---- M.		---- M. Down.			Up.	---- M.	
8	34				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. 5431 Date, May 4, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ Lead } 25 lbs. 184

Turns Cor'n Depth 100 fms.

Sdg. Cup arming Amt. Bot'm Sample

Character of Bottom gn M.

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction NE by N Force 0-1

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

Weather bc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Oregon Coast

Position Cape Meares Light bears S74°E (true) distant 18.3 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M.	Down.		Up.	----	M.		---- M.	Down.		Up.	----	M.
8	49					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. 5432 Date, May 4, 1914

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

Turns Cor'n Depth 97 178 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 9:25 a / Time } Air { 55 }

Density: Surf. fms.

Wind: Direction NE by N Force 1

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

Weather be

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Oregon Coast

Position Cape Meares Light bears S67½°E (true) distant 20.4 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Frankil -

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.M.		Down.	Up.		---- M.		---- M.		Down.	Up.		---- M.
9	25					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						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. 5433 Date, May 4, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 25 lbs. 174

Turns Cor'n Depth 95 fms.

Sdg. Cup Armin Amt. Bot'm Sample

Character of Bottom Gr M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 9:56 a. Time Air 55

Density: Surf. fms.

Wind: Direction NNE Force 1

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

Weather Cc

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast.

Position Tillamook Light bears N46½°E (true) distant 25.5 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Gruhil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M.	Down.		Up.	---- M.			---- M.	Down.		Up.	---- M.	
9	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						

8.

~~Dredge~~ Hydrog. No. 5434 Date, May 4, 1914

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

Turns Cor'n Depth 95 '74 fms.

Sdg. Cup Arming. Amt. Bot'm Sample

Character of Bottom sft gn M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 10:35 a. Time Air 55°

Density: Surf. fms.

Wind: Direction NNE Force 1

Baromet. 30.32 Amt. of Clouds 4 State of Sea 2

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

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

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Frutil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	Down.		Up.		---- M.		---- M.	Down.		Up.		---- M.
10	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						

9.

~~Dredge~~ Hydrog. No. 5435 Date, May 4, 1914

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

Turns Cor'n Depth 95 175 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Sft gn M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 11:08 a. Time Air 55

Density: Surf. fms.

Wind: Direction NNW Force 1

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

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

Position Tillamook Light bears N59°E (true) distant 24.9 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder Arnkil

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
A. M.	Down.		Up.	---- M.		---- M.	Down.		Up.	---- M.	
11	08				0						
					100						
					200						
					300						
					400						
					500						
					600						
					700						
					800						
					900						
					1000						
					1100						
					1200						
					1300						
					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. 5436 Date, May 4, 1914

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

Turns ..... Cor'n ..... Depth 97 fms.

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

Character of Bottom Soft gr M

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

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

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

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

Wind: Direction NNW Force 1

Baromet. 30.32 Amt. of Clouds 3 State of Sea 2

Weather .....

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

Tide .....

General Locality Oregon Coast

Position Tillamook Light bears N66½°E (true) distant 24.9 miles

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

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used .....

Time towing ..... h. ..... m.

Remarks: .....

Deck Officer Mr. Glick Recorder J. Tuttil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up.		---- M.		---- M. Down.			Up.		---- M.
11	41					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

11.

~~Dredge~~ Hydrog. No. 5437 Date, May 4, 1914

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

Turns ..... Cor'n ..... Depth 159 meters 87 fms.

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

Character of Bottom .....

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

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

Temp. Surf. 54° Time 12:15 Time ..... Air 60.5

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

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

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

Weather bc

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

Tide .....

General Locality Oregon Coast.

Position Tillamook Light bears N 73½ E (true) distant 25.4 miles

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

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used .....

Time towing ..... h. ..... m.

Remarks:

Time	Wet Bulb	Dry bulb
1:30 P.M.	48.5	53.0
6:00 P.M.	55.0	62.5

Deck Officer Rosenstiel Recorder C. E. DeLong

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.	P M.			___ M. Down.			Up.	___ M.	
12	11	00	12	15	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. 5438 Date, May 5, 1914

Sdg. Mch. T.M. Reel ~~Shot~~ Lead 25 lbs. 94 meters

Turns Cor'n Depth 51 fms.

Sdg. Cup Arming 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. 51° Time / Time Air 52.5°

Density: Surf. fms.

Wind: Direction N.W. Force 1-2

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

Weather bz

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears 868° E (true) distant 25.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

~~Time~~ ~~Wet bulb~~ ~~Dry bulb~~

~~1:30 P.M.~~ ~~48.5~~ ~~53.0~~

~~6:00 P.M.~~ ~~55.0~~ ~~62.5~~

Deck Officer Boan Glick Recorder C. E. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up.	a M.			___ M. Down.			Up.	___ M.	
5	01	00	5	02	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

2

~~Dredge~~ Hydrog. No. 5439 Date, May 5, 1914

Sdg. Mch. T. N. Reel Shot Lead 25 lbs. 87 meters

Turns Cor'n Depth 47 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. 51° Time 5:25 a Time Air 52.5°

Density: Surf. fms.

Wind: Direction N. W. Force 2

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

Weather bz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast.

Position Heceta Light bears S69°E (true) distant 25.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Bosn Glick Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up.	a M.			---- M. Down.			Up.	---- M.	
5	21	00	5	23	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						

3

~~Dredge~~ Hydrog. No. 5440 Date, May 5, 1914

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

Turns Cor'n Depth 49 91 meters fms.

Sdg. Cup Armington lead Amt. Bot'm Sample

Character of Bottom fine blk S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57° Time 5:40 a.m. Time Air 53

Density: Surf. fms.

Wind: Direction N.W. Force 2

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

Weather bz

Direction and Force of Current. Surface Bottom

Tide

General Locality Oregon Coast

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

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Glick Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up.	a M.			___ M. Down.			Up.	___ M.	
5	35	00	5	35	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

4

~~Dredge~~ Hydrog. No. 5441 Date, May 5, 1914

Sdg. Mch. T. N. Reel Shot Lead 25 lbs. 80 meters

Turns Cor'n Depth 43 fms.

Sdg. Cup Arriving 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. 51° Time 5:50 am Time Air 53°

Density: Surf. fms.

Wind: Direction N. W. Force 2

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

Weather b.

Direction and Force of Current. Surface Bottom

Tide

General Locality off Oregon coast.

Position Heceta Light bears S70½°E (true) distant 26.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boan Glick Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up.	a M.			---- M. Down.			Up.	---- M.	
5	45	00	5	47	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

5

~~Dredge~~ Hydrog. No. 5442 Date, May 5, 1914

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

Turns Cor'n Depth 49 fms.

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

Character of Bottom hd.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 5:52a / Time Air 53°

Density: Surf. fms.

Wind: Direction N.W. Force 2

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

Weather b.

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears S71½°E (true) distant 27.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Glick Recorder C. O. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M. Down.			Up.	a M.			---- M. Down.			Up.	---- M.	
5	56	00	5	58	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

H 5443

~~Dredge~~ Hydrog. No. 5443 Date, May 5, 1914

Sdg. Mch. T. M. Reel ~~Shot~~ Lead 25 lbs. 93 meters

Turns Cor'n Depth 50 fms.

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

Character of Bottom broken

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction N.W. Force 2

Baromet. 30.21 Amt. of Clouds 0 State of Sea 8

Weather b.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S72°E (true) distant 28.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Bern Glick Recorder C. E. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M. Down.			Up. 9 M.				---- M. Down.			Up. ---- M.		
6	08	00	6	10	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						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						

X

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

Sdg. Mch. T. N. Reel ~~Shot~~ Lead } 25 lbs. 112 meters

Turns Cor'n Depth 61 fms.

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

Character of Bottom good.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 625 / Time } Air { 57°

Density: Surf. fms.

Wind: Direction N. W. Force 2

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

Weather b

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon coast

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

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Bosn Glicks Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M. Down.			Up.	9 M.			---- M. Down.			Up.	---- M.	
6	21	00	6	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						

8

~~Dredge~~ Hydrog. No. 5445 Date, May 5, 1914

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

Turns Cor'n Depth 62 fms.

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

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57° Time 6:35 / Time Air 56°

Density: Surf. fms.

Wind: Direction N.W. Force 2

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

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta light bears 575° E (true) distant 29.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Bean Glick Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M. Down.			Up. 9 M.				___ M. Down.			Up. ___ M.		
6	32	00	6	35	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

9

~~Dredge~~ Hydrog. No. 5446 Date, May 5, 1914

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

Turns Cor'n Depth 61 fms.

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

Character of Bottom fine gravel

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 6:47 / Time Air 55°

Density: Surf. fms.

Wind: Direction NW Force 2

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

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears S75°E (True) distant 28.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Bran Gleich Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.		---- M.		---- M. Down.			Up.		---- M.
6	48	00	6	51	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						

10

~~Dredge~~ Hydrog. No. 5447 Date, May 5, 1914 — Sta H 5448 is below

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

Turns Cor'n Depth 61 fms.

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

Character of Bottom Hard

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 7 00 / Time Air 55°

Density: Surf. fms.

Wind: Direction N.E. Force 2

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

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

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

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Lowered one dory with two fishermen at 7 02, then slow N-23°E from 7 03 until 7 08 + lowered 2nd dory at 7 09 with 2 fishermen

= Second Dory Down

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

Chart 6000

Deck Officer Ross Glick Recorder C.E. DeLong

11—1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.
a M. Down.	Up. a M.		___ M. Down. Up. ___ M.
6 58 00	7 00	0	
		100	
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	
		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	
		4100	
		4200	
		4300	
		4400	
		4500	
		4600	
		4700	
		4800	
		4900	

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

ed at Sta H5448

Time	Wet bulb	Dry bulb
8:00	57.5	53.0

12

Sta. 5448 is on preceding

~~Dredge~~ Hydrog. No. 5449 Date, May 3, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 25 lbs. 114

Turns Cor'n Depth 62 fms.

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

Character of Bottom Hard mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 10:23 a.m. Time Air 56

Density: Surf. fms.

Wind: Direction N.W Force 3

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

Weather O C Z

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears S70½E (true) distant 29.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Mahoney Recorder C. A. Cook

11—1023

page.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				___ M. Down.			Up. ___ M.		
10	23	30	10	26		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

13

~~Dredge~~ Hydrog. No. 5450 Date, May 5, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 25 119 lbs.

Turns ..... Cor'n ..... Depth 65 fms.

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

Character of Bottom hard mud

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

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

Temp. Surf. 52 Time 10:39 am Time ..... Air 58

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

Wind: Direction N.N.W Force 3

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

Weather OCZ

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

Tide .....

General Locality Off Oregon Coast

Position Heceta Light bears S68½°E (true) distant 28.6 miles

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

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used .....

Time towing ..... h. ..... m.

Remarks: .....

Deck Officer McMahony Recorder C. A. Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				---- M. Down.			Up. ---- M.		
10	39		10	42		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

14

~~Dredge~~ Hydrog. No. 5454 Date, May 5, 1912

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

Turns Cor'n Depth 54 fms.

Sdg. Cup soft sand Amt. Bot'm Sample

Character of Bottom Yellow mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 11:18 a.m. Time Air 58

Density: Surf. fms.

Wind: Direction N.N.W Force 3

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

Weather b c z

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears S66½°E (true) distant 28.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Mahoney Recorder C A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				___ M. Down.			Up.		___ M.
11:18			11	20		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						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. 5452 Date, May 5, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 25 lbs. 120

Turns Cor'n Depth 65 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Lad gn TT

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 12:01 p Time Air 58

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.23 Amt. of Clouds 0 State of Sea 2

Weather Bg.

Direction and Force of Current. Surface Bottom

Tide

General Locality Coast of North Oregon

Position Heceta Light bears S63½°E (true) distant 28.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Stahoney Recorder Arthur

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.	C M.			___ M. Down.			Up.	___ M.	
12	01		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						

16

~~Dredge~~ Hydrog. No. 5453 Date, May 5, 1914

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

Turns ..... Cor'n ..... Depth 72 fms.

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

Character of Bottom fine S G

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

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

Temp. Surf. 54 Time 12:44p Time ..... Air 62

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

Wind: Direction NNE, W Force 3-4

Baromet. 30.22 Amt. of Clouds 0 State of Sea 1

Weather Cg.

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

Tide .....

General Locality Northern Coast of Oregon.

Position Heceta Light bears S60°E (true) distant 29.0 miles

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

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used .....

Time towing ..... h. ..... m.

Remarks:

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

Deck Officer Mr. Pippo Recorder Arthur

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			___ M. Down.			Up.	___ M.	
12	44		12	46		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

13

~~Dredge~~ Hydrog. No. 5454 Date, May 5, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ Lead 25 145 lbs.

Turns ..... Cor'n ..... Depth 79 fms.

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

Character of Bottom gr M

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

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

Temp. Surf. 54 Time 1:25 p Time ..... Air 62

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

Wind: Direction NWby W Force 3-4

Baromet. 30.22 Amt. of Clouds 0 State of Sea 1

Weather bj

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

Tide .....

General Locality Northern Coast of Oregon

Position Heceta Light bears S54°E (true) distant 29.7 miles

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

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used .....

Time towing ..... h. ..... m.

Remarks: .....

Deck Officer Mr. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			---- M.	Down.		Up.	---- M.	
1	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						

18

~~Dredge~~ Hydrog. No. 5455 Date, May 5, 1914

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

Turns Cor'n Depth 82 150 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom ors bk g

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54 Time 2:08 p. Time Air 62

Density: Surf. fms.

Wind: Direction NW by W Force 4

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

Weather bz

Direction and Force of Current. Surface Bottom

Tide

General Locality Of Northern Coast of Oregon

Position Heceta Light bears S48½°E (true) distant 30.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pipp. Recorder Strutil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.	___ M.	
2	08		2	11		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

19

~~Dredge~~ Hydrog. No. 5456 Date, May 5, 1914

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

Turns ..... Cor'n ..... Depth 78 fms.

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

Character of Bottom hard M

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

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

Temp. Surf. 57 Time 2:20 Time ..... Air 62

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

Wind: Direction NWly W Force 4

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

Weather Cr

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

Tide .....

General Locality Northern Oregon Coast

Position Heceta Light bears S47½°E (true) distant 30.7 miles

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

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used .....

Time towing ..... h. ..... m.

Remarks: .....

Deck Officer Mr. Pippo Recorder Fruhiff

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
∝ M. Down.			Up.	ρ M.			___ M. Down.			Up.	___ M.	
2	20		2	23		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. 5457 Date, May 5, 1914

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

Turns Cor'n Depth 79 146 fms.

Sdg. Cup Stoning Amt. Bot'm Sample

Character of Bottom Grd y/M

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time 2:38 p 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 Heceta Light bears S47½°E (true) distant 31.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			M.	Down.		Up.	M.	
2	38		2	41		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

21

~~Dredge~~ Hydrog. } No. 5458 Date, May 5, 1914

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

Turns Cor'n Depth 162 297 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. { Time 3:22 p / 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 Northern Oregon Coast

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

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pippo Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.	___ M.	
3	22		3	28		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

2

~~Dredge~~ Hydrog. No. 5459 Date, May 5, 1914

Sdg. Mch. T.N. Reel ~~Shot~~ Lead 25 lbs. 248 meters

Turns Cor'n Depth 135 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. 54° Time 4:15 Time Air 62°

Density: Surf. fms.

Wind: Direction NW x W Force 3-4

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

Weather bz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 74½° E (true) distant 23.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Glick Recorder C E De Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up. P M.				___ M. Down.			Up. ___ M.		
4	08	20	4	14	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. 5460 Date, May, 1914

Sdg. Mch. T.N. Reel ~~Shot~~ Lead } 25 lbs.
163

Turns Cor'n Depth 89 fms.

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

Character of Bottom brk R.; hd M.

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction NW x W Force 3-4

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

Weather bz

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N81°E (true) distant 21.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Bosn Glick Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up. P M.				___ M. Down.			Up. ___ M.		
4	53	00	4	58	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. 5-461 Date, May 5, 1914

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

Turns Cor'n Depth 91 167 meters fms.

Sdg. Cup T. N. Amt. Bot'm Sample

Character of Bottom fine gravel

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

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

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

Weather bz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast.

Position Yaquina Light bears N 82° E (true) distant 21.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boson Schick Recorder C. E. De Long

11—1025

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

2 5

~~Dredge~~ Hydrog. No. 5462 Date, May 5, 1914

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

Turns Cor'n Depth 92 fms.

Sdg. Cup Armington lead Amt. Bot'm Sample

Character of Bottom Green mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time / Time Air

Density: Surf. fms.

Wind: Direction NW x W Force 3-4

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

Weather hzy

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

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

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Rosn Glick Recorder C. E. DeLong

11—1028

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.	P M.			---- M. Down.			Up.	---- M.	
5	18	00	5	22	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						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. 5463 Date, May 5, 1914

Sdg. Mch. T. N. Reel ~~Shot~~ Lead 25 lbs. 12.5 meters

Turns Cor'n Depth 89 fms.

Sdg. Cup Aluminum lead Amt. Bot'm Sample

Character of Bottom gm. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time / Time Air

Density: Surf. fms.

Wind: Direction NW x W Force 3-4

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

Weather

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears N 84½° E (true) distant 20.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boson Glick Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. DOWN.			UP.		P M.		---- M. DOWN.			UP.		---- M.
5	31	00	5	35	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

2

~~Dredge~~ Hydrog. No. 5464 Date, May 5, 1914

Sdg. Mch. T.N. Reel Shot Lead 25 lbs. 157 meters

Turns Cor'n Depth 85 fms.

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

Character of Bottom hd M. (clean lead)

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time Time Air

Density: Surf. fms.

Wind: Direction NW x W Force 3-4

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

Weather bz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N86°E (true) distant 20.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boon Glick Recorder C.E. DeLong

11—1023

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

Pos. & Psychrometer checked E.C.J. June 11-14

5:55

163
89

Hd M.

90