Hydro. 5366 - 5414

Apr. 29 - May 3, 1914

Oregon Coast

#1.

Sept. 29 - May 3,
1914

Hydro. 5366-5414

1 5366

~~Dredging~~ Hydrog. No. ~~5366~~ Date, Apr. 29, 1944

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 68 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom rocky R

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

Bottom Reading Cor'd Temp.

Temp. Surf. 47 Time 5 am / Time Air 57

Density: Surf. fms.

Wind: Direction NNW Force 3

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

Weather Ke

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position Heceta Head Light bears N69½° E (true) distant 27.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Soft rock used for anchoring

Course S. 28 W True

Deck Officer Recorder

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
____ M.		DOWN.	UP.	____ M.		____ M.		DOWN.	UP.	____ M.	
~~5.02~~ a.m. 5.00					0						
					100						
					200						
					300						
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2

~~Dredge~~ Hydrog. No. 5367 Date, Apr. 29, 1912

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 79 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom fne, gy. sand, fne gy. S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 47 Time 5:22 a / Time Air 51

Density: Surf. fms.

Wind: Direction NNW Force 3

Baromet. 30.42 Amt. of Clouds 1 State of Sea 77

Weather 4

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position Heceta Light bears N67½ E (true) distant 28.2 miles (Naut.)

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course S. 28 W (True)

Deck Officer Recorder

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	Down.		Up.	___ M.			___ M.	Down.		Up.	___ M.	
~~[illegible]~~						0						
5.22						100						
						200						
						300						
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						4900						

B.

~~Dredge~~ Hydrog. No. 5368 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 84 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~Mu~~ black S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 48 Time 5.30 / Time Air 57.5

Density: Surf. fms.

Wind: Direction NNW Force 3-4

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

Weather he

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position Hecata Light bears N66½°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:

Course S. 28 W. (True)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	Down.		Up.		---- M.		---- M.	Down.		Up.		---- M.
5334						0						
						100						
						200						
						300						
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4.

~~Dredge~~ Hydrog. No. 5369 Date, Apr. 29, 1912

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 110 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom fine black sand.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 49 Time 5.47 a Time Air 51.5

Density: Surf. fms.

Wind: Direction NNW Force 3-4

Baromet. 30.42 Amt. of Clouds 1 State of Sea 2

Weather 2

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position Umpqua River Light bears S56½E (true) distant 29.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course S 28 W (true)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	Down.		Up.		___ M.		___ M.	Down.		Up.		___ M.
~~5.40~~						0						
5.47						100						
						200						
						300						
						400						
						500						
						600						
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5

~~Dredge~~ Hydrog. No. 5370 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 80 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~hard bottom~~, ~~Rg~~ coarse gravel

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 6.04 / Time Air 52°

Density: Surf. fms.

Wind: Direction NNW Force 4

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

Weather Cl

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position Heceta Light bears N67°E (true) distant 30.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course N. 60 W (True)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.			Down.	Up.	M.		M.			Down.	Up.	M.
6	.04					0						
						100						
						200						
						300						
						400						
						500						
						600						
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6

~~Dredge~~ Hydrog. No. 5371 Date, April 29, 1914

Sdg. Mch. Tanner Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 84 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom hrd. sn. mud

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 6.15 Time Air 52

Density: Surf. fms.

Wind: Direction NNW Force 4

Baromet. 30.42 Amt. of Clouds / State of Sea 2

Weather Cc

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position Heceta Light bears N 69° E (true) distant 30.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course N. 60 W (True)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.		Down.	Up.		---- M.		---- M.		Down.	Up.		---- M.
6.15	a.m.					0						
						100						
						200						
						300						
						400						
						500						
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7.

~~Dredge~~ Hydrog. No. 5372 Date, April 29, 1914

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 90 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~hrd. bot.~~ R

Thermom. Make Cor'n Instr.

No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 6:35a Air 52°

Time

Density: Surf. fms. 4

Wind: Direction NNW Force

Baromet. 30.42 Amt. of Clouds 1 State of Sea 2

Weather Cle

Direction and Force of Current. Surface

Bottom

Tide

General Locality

Position Hecata Light bears N70½E (true) distant 31.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course N. 60 W. (True)

Deck Officer Recorder

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
---- M.	Down.		Up.	---- M.		---- M.	Down.		Up.	---- M.	
6	.35	a.m.			0						
					100						
					200						
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8.

~~Dredge~~ Hydrog. No. 5373 Date, April 29, 1912

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 165 ? fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom blk. S. + G.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 6:57 a / Time Air 52

Density: Surf. fms.

Wind: Direction NE by N Force 4

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

Weather Fe

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position Heceta Light bears N 72° E (true) distant 32.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course N. 60 W. (true

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.		---- M.		---- M. Down.			Up.		---- M.
6.50 a.m.						0						
						100						
						200						
						300						
						400						
						500						
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						700						
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9.

~~Dredge~~ Hydrog. No. 5374 Date, April 29, 1914

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 100 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom no bottom sample

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 7:10 a / Time Air 52

Density: Surf. fms.

Wind: Direction NE by N Force 4

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

Weather Vc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N73½° E (true) distant 37.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Lead bumped twice but no sample taken.

Course N. 4 W. (true)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			---- M. Down.			Up.	---- M.	
7.10 a.m.						0						
						100						
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10.

~~Dredge~~ Hydrog. No. 5375 Date, April 29, 1914

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 84 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Rock and gravel crs G + R.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 7:30 / Time Air 53

Density: Surf. fms.

Wind: Direction NE by N Force 4

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

Weather be

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears N75°E (true) distant 31.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course N. 10 E (true)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.		Down.	Up.		---- M.		---- M.		Down.	Up.		---- M.
7.30						0						
						100						
						200						
						300						
						400						
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11.

~~Dredge~~ Hydrog. No. 5376 Date, April 29, 1914

Sdg. Mch. Tanner Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 80 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~Hrd.~~ Yl. mud

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 7:50 a Time Air 54

Density: Surf. fms.

Wind: Direction NE by E Force 4

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

Weather Cc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears N76½°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:

Course N 10 E. (true)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.		---- M.		---- M. DOWN.			UP.		---- M.
7.50 a.m.						0						
						100						
						200						
						300						
						400						
						500						
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12.

~~Dredge~~ Hydrog. No. 5377 Date, April 29, 1914

Sdg. Mch. Tanner Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 88 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom blk. sand + gravel

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 8:05 a Time Air 54

Density: Surf. fms.

Wind: Direction N by E Force 4

Baromet. 30.42 Amt. of Clouds 1 State of Sea 2

Weather Clr

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears N 78½° E (true) distant 31.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Mud-bucket dropped at this sta. at 9.15 a.m.

Course N. 46 W (true)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			---- M. Down.			Up.	---- M.	
8.05 a.m.						0						
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						4900						

13.

~~Dredge~~ Hydrog. No. 5378 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish. Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 92 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom blk. M & Gravel

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 8:15 a Time - Air 54

Density: Surf. fms.

Wind: Direction NE by E Force 4

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

Weather h

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears N 79½° E (true) distant 31.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course N 46 W (true)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	Down.		Up.	---- M.			---- M.	Down.		Up.	---- M.	
8.15 a.m.						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
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						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

14

~~Dredge~~ Hydrog. No. 5379 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 182 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~[illegible]~~ grn. mud + sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51.5 Time 12:25 / Time Air 54

Density: Surf. fms.

Wind: Direction NE Force 4-5

Baromet. 30.40 Amt. of Clouds 1 State of Sea R

Weather Vc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Hecata Light bears N 85° E (true) distant 32.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course N.16 E. (true)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. DOWN.			UP.	___ M.			___ M. DOWN.			UP.	___ M.	
12.25 p.m.						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4000						
						4100						
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						4700						
						4800						
						4900						

15

~~Dred'g.~~ Hydrog. } No. 5380 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 130 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom broken rock + mud.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 1:05 p / Time } Air { 56 }

Density: Surf. fms.

Wind: Direction N by E Force 5

Baromet. 30.40 Amt. of Clouds 1 State of Sea 7

Weather Fe

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon coast

Position Heceta Light bears E (true) distant 31.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			---- M. Down.			Up.	---- M.	
1.05 p.m						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						4800						
						4900						

16

~~Dredge~~ Hydrog. No. 5381 Date, April 29, 1914

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 81 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~rk rocky~~ ~~crs~~ brk R. + G. crs.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53 Time 1:50 p.m. / Time Air 57

Density: Surf. fms.

Wind: Direction N by E Force 5

Baromet. 30.38 Amt. of Clouds 1 State of Sea 7P

Weather Fog

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S85°E (true) distant 31.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. DOWN.			UP.		___ M.		___ M. DOWN.			UP.		___ M.
1.50 p.m.						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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17.

~~Dredge~~ Hydrog. No. 5382 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish. Reel ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 80 fms fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom no sample

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53 Time 2:18p Time Air 57

Density: Surf. fms.

Wind: Direction NE by E Force 5

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

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S82°E (true) distant 30.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Wire fouled propeller, could not be hauled in though it ran out freely. 61 fms. of cable cut away, consequently no sample brought up though lead ~~too~~ touched bottom

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			---- M., Down,			Up.	---- M.	
2.18 p.m.						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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18.

~~Dredge~~ Hydrog. No. 5383 Date, Apr. 29, 1914

Sdg. Mch. Tan Blich Reel ~~Shot~~ Lead 28 lbs.

Turns Cor'n Depth 76 = fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom brk rock and mud

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 3:30 p / Time Air 57

Density: Surf. fms.

Wind: Direction N by E Force 6 (25 miles per hr.)

Baromet. 30.36 Amt. of Clouds / State of Sea

Weather

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 78½ 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 Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M. Down.			Up.	____ M.			____ M. Down,			Up.	____ M.	
~~1.38~~						0						
3.20						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						4900						

19.

~~Dredge~~ Hydrog. No. 5384 Date, Apr. 29, 1914

Sdg. Mch. Tan Blish Reel ~~Shot~~ Lead 28 lbs.

Turns Cor'n Depth 60 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Hrd. blue mud.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51 Time 3:45p / Time Air 58

Density: Surf. fms.

Wind: Direction NE, E Force 6

Baromet. 30.35 Amt. of Clouds 1 State of Sea R

Weather Tc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S76°E (true) distant 30.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. DOWN.			UP.		___ M.		___ M. DOWN.			UP.		___ M.
3.45 p.m.						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						4800						
						4900						

20.

~~Dredge~~ Hydrog. } No. 53 85 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead } 28 lbs.

Turns Cor'n Depth 61 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Mud.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 4:05p / Time } Air { 58 }

Density: Surf. fms.

Wind: Direction N by E Force 6

Baromet. 30.35 Amt. of Clouds 1 State of Sea R

Weather Bc

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Oregon coast

Position Heceta Light bears S73°E (true) distant 30.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	Down.		Up.		---- M.		---- M.	Down.		Up.		---- M.
4.05						0						
						100						
						200						
						300						
						400						
						500						
						600						
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						800						
						900						
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21.

~~Dredge~~ Hydrog. No. 5386 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish. Reel ~~Shot~~ Lead 28 lbs.

Turns Cor'n Depth 67 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom grey sand + fine gravel

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50.5 Time 4:32p / Time Air 58

Density: Surf. fms.

Wind: Direction NEy E Force 6-7

Baromet. 30.34 Amt. of Clouds 1 State of Sea R

Weather Cc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S70½°E (true) distant 30.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.	---- M.			---- M. DOWN.			UP.	---- M.	
4.32	pm.					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						4900						

22.

~~Dredge~~ Hydrog. No. 5387 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish. Reel ~~Shot~~ Lead 28 lbs.

Turns Cor'n Depth 63. fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Hrd. mud.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 5:10 p Time Air 58

Density: Surf. fms.

Wind: Direction NE, W Force 7

Baromet. 30.33 Amt. of Clouds 0 State of Sea 7

Weather Fog

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S68°E (true) distant 28.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Cours N. 64 E. (True)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.	---- M.			---- M. DOWN.			UP.	---- M.	
5 10 p.m.						0						
						100						
						200						
						300						
						400						
						500						
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						4900						

23

Dredge / Hydrog. No. 5388 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish Sdg mch Reel Shot / Lead 28 lbs.

Turns Cor'n Depth 55 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom hr sample

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50 Time 6:00 p / Time Air 56

Density: Surf. fms.

Wind: Direction N by W Force 7

Baromet. 30.33 Amt. of Clouds 0 State of Sea R

Weather Bg

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S65½°E (true) distant 26.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Lead lost on haul in.

Course N 64 E (true)

Deck Officer Recorder

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.	---- M.			---- M. DOWN.			UP.	---- M.	
6.00 p.m.						0						
						100						
						200						
						300						
						400						
						500						
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						4900						

~~Dredge~~ Hydrog. } No. 5389 Date, Apr 30, 1914

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

Turns Cor'n Depth 61 ~~fms~~ Meters ~~fms.~~

Sdg. Cup ~~Tallow~~ Rowroah on lead Amt. Bot'm Sample

Character of Bottom gy M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 1:00 P. / Time } Air { 54°

Density: Surf. fms.

Wind: Direction N.W. x N. Force 7

Baromet. 30.26 Amt. of Clouds 2 State of Sea R

Weather bcz

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 75½° E (true) distant 24.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Bosn Glick Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			M.	Down.		Up.	M.	
1	00	30	1	03	00	0						
						111 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
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						4900						

2

~~Dredge~~ Hydrog. No. 5390 Date, April 30, 1914

Sdg. Mch. T. N. Reel ~~Shot~~ Lead 26 lbs.

Turns Cor'n Depth 1 67/2 fms ~~fms.~~ meters

Sdg. Cup cold rubb tallow on lead Amt. Bot'm Sample

Character of Bottom Brk rk, gy M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 1 45 PM Time Air 55°

Density: Surf. fms.

Wind: Direction N.W. x N. Force 7

Baromet. 30.26 Amt. of Clouds 3 State of Sea R

Weather bcz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 75½° E (true) distant 26.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boan Glick Recorder C. E. D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			---- M. Down.			Up.	---- M.	
1	37	00	1	41	00	0						
						122 ~~400~~ ½						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5-391 Date, April 30, 1914

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

Turns Cor'n Depth 164 ~~fms~~ meters ~~fms.~~

Sdg. Cup rowrock ~~Yellow~~ on lead Amt. Bot'm Sample

Character of Bottom blk S; M

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 5-2 Time 2:10 P.M. / Time } Air { 53.6°

Density: Surf. fms.

Wind: Direction NW x N Force 7

Baromet. 30.26 Amt. of Clouds 9 State of Sea R

Weather bcz

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon coast

Position Haceta Light bears S75½°E (true) distant 27.1 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Born Glick Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M. Down.		Up.	P.	M.		---- M. Down.			Up.	---- M.	
2	04	08	2	06	30	0						
						117 ~~100~~ Meters						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

4.

~~Dredge~~ Hydrog. } No. 5392 Date, Apr 30, 1914

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

Turns Cor'n Depth 62 fms. ~~fms.~~

Sdg. Cup soft rough Amt. Bot'm Sample

Character of Bottom blk S ~~[illegible]~~

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 5.2° Time 2:30 P / Time } Air { 53.5

Density: Surf. fms.

Wind: Direction NW x N. Force 7

Baromet. 30.24 Amt. of Clouds 9 State of Sea R

Weather

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon coast

Position Haceta Light bears S75°E (true) distant 28.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

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.	
2	24	00	2	27	00	0						
						113 ~~100~~ meters						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

5

~~Dredge~~ Hydrog. } No. 5393 Date, Apr 30, 1914

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

Turns Cor'n Depth 71 fms. ters fms.

Sdg. Cup ~~[illegible]~~ 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 2:50 / Time } Air { 53°

Density: Surf. fms.

Wind: Direction NW x N. Force 7

Baromet. 30.24 Amt. of Clouds 9 State of Sea R

Weather bcz

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S75°E (true) distant 29.9 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.					
P. M. Down.			Up. P. M.				M. Down.			Up. M.		
2	46	30	2	50	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

6

~~Dredge~~ Hydrog. No. 5-394 Date, Apr 30, 1914

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

Turns Cor'n Depth 179 fms. meters

Sdg. Cup rd Wrash 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 3:25 Time Air 52°

Density: Surf. fms.

Wind: Direction N.W. x N. Force 6-7

Baromet. 30.23 Amt. of Clouds 9 State of Sea R

Weather bcz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 71½° 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 Bosn Glick Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M. DOWN.			UP. ___ M.				___ M. DOWN.			UP.	___ M.	
3	22	95	3	26	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

7

~~Dredge~~ Hydrog. } No. 5395 Date, Apr 30, 1914

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

Turns Cor'n Depth ~~[illegible]~~ ~~fms.~~ meters

Sdg. Cup ~~tallow~~ soap on lead Amt. Bot'm Sample 81 fms.

Character of Bottom gn M

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 5-2 Time 3:50 P / Time } Air { 5-2

Density: Surf. fms.

Wind: Direction NNW x N Force 6-7

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

Weather Oz

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 69½° 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 Bosn Glick Recorder C. E. D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.	P M.			M. Down.			Up.	M.	
3	49	20	3	53	00	0						
						149 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
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						4300						
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						4700						
						4800						
						4900						

8.

~~Dredge~~ Hydrog. No. 5396 Date, Apr 30, 1914

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

Turns Cor'n Depth 825 fms fms.

Sdg. Cup Tallow on head Amt. Bot'm Sample

Character of Bottom Blk sand & gn. Mud —

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 4.52 PM Time Air 54

Density: Surf. fms.

Wind: Direction N.W Force 7

Baromet. 30.22 Amt. of Clouds 6 State of Sea R

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S65°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 Ch Born Mahoney Recorder C S Cook

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
---- M.	Down.		Up.	---- M.		---- M.	Down.		Up.	---- M.	
4 32 PM					0						
					100						
					200						
					300						
					400						
					500						
					600						
					700						
					800						
					900						
					1000						
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					3900						
					4000						
					4100						
					4200						
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					4800						
					4900						

4

Dredge / Hydrog. No. 5397 Date, April 30, 1914

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

Turns Cor'n Depth 85½ fms. ~~fms.~~

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

Character of Bottom Soft green Mud & Blk Sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 5.51 PM / Time Air 53

Density: Surf. fms.

Wind: Direction N.N.W Force 7

Baromet. 30.23 Amt. of Clouds 7 State of Sea R

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 60° E (true) distant 30.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch Born Mahoney Recorder C A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.		---- M.		---- M. DOWN.			UP.		---- M.
5	51	P	M			0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						2800						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5398 Date, July 8, 1914

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

Turns ..... Cor'n ..... Depth 95 fms. 75

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. { 52° Time 12:00 noon / Time ..... } Air { 54°

Density: Surf. ..... fms.

Wind: Direction NNW Force 4

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

Weather Ref.

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

Tide .....

General Locality Off the Oregon Coast.

Position Yaquina Light bears N89½E (true) distant 19.6 miles

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

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

Depth of Haul .....

Apparatus and Rig used .....

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

Remarks: .....

Deck Officer W. Mahoney Recorder J. Arthur

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
Noon	M. Down.		Up.		M.		M. Down.			Up.		M.
12	00		12	03		0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
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						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5399 Date, May 2, 1914

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

Turns Cor'n Depth 83 fms. 52 m

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

Character of Bottom gn M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 12:17 A Time Air 54°

Density: Surf. fms.

Wind: Direction NNW Force 4

Baromet. 30.21 Amt. of Clouds 8 State of Sea 2.

Weather bcf

Direction and Force of Current. Surface Bottom

Tide

General Locality Of the Oregon Coast.

Position Yaquina Light bears S88° E (true) distant 19.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Mahoney Recorder [signature]

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
___ M.	Down.		Up.	___ M.		___ M.	Down.		Up.	___ M.	
12:17					0						
					100						
					200						
					300						
					400						
					500						
					600						
					700						
					800						
					900						
					1000						
					1100						
					1200						
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					3900						
					4000						
					4100						
					4200						
					4300						
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					4500						
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					4800						
					4900						

~~Dredge~~ Hydrog. No. 5400 Date, May 2, 1914

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

Turns ..... Cor'n ..... Depth 90 fms.

Sdg. Cup Arming on lead 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 12:34 Time ..... Air 54°

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

Wind: Direction NNW Force 4

Baromet. 30.22 Amt. of Clouds 8 State of Sea 2

Weather hef

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

Tide .....

General Locality Off the Oregon Coast

Position Yaquina Light bears S84½°E (true) distant 18.8 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. Pipp Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			---- M. Down.			Up.	---- M.	
12	24	PM				0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4000						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5401 Date, May 2, 1914

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

Turns Cor'n Depth 98 '83 fms.

Sdg. Cup Armington Amt. Bot'm Sample

Character of Bottom gr M

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time 17:52p Time Air 53.5

Density: Surf. fms.

Wind: Direction NNW by N Force 3

Baromet. 30.21 Amt. of Clouds 10 State of Sea 2

Weather of

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off the Oregon Coast

Position Yaquina Light bears S 84½° E (true) distant 19.9 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. Pipps Recorder J. Tikil

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
___ M. Down.			Up.	___ M.		___ M. Down.			Up.	___ M.	
12	52				0						
					100						
					200						
					300						
					400						
					500						
					600						
					700						
					800						
					900						
					1000						
					1100						
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					4200						
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					4800						
					4900						

~~Dredge~~ Hydrog. No. 5402 Date, July 2, 1914

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

Turns Cor'n Depth 96 176 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gr. M fne G

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 1:15p / Time Air 54°

Density: Surf. fms.

Wind: Direction NW by W Force 3

Baromet. 30.22 Amt. of Clouds 10 State of Sea L.

Weather f

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off the Oregon Coast

Position Yaquina Light bears S82°E (true) distant 19.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pippo Recorder F. Neil

11—1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
___ M. Down.			Up.	___ M.		___ M. Down.			Up.	___ M.	
1	15				0						
					100						
					200						
					300						
					400						
					500						
					600						
					700						
					800						
					900						
					1000						
					1100						
					1200						
					1300						
					1400						
					1500						
					1600						
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					4000						
					4100						
					4200						
					4300						
					4400						
					4500						
					4600						
					4700						
					4800						
					4900						

6.

~~Dredge.~~ Hydrog. No. 5403 Date, May 2, 1914

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

Turns Cor'n Depth 96 176 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom bk S + gn. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 1:28 p Time Air 54°

Density: Surf. fms.

Wind: Direction NW by W Force 3

Baromet. 30, 22 Amt. of Clouds 10 State of Sea L

Weather of

Direction and Force of Current. Surface Bottom

Tide

General Locality Of the Oregon Coast

Position Yaquina Light bears S80½°E (true) distant 19.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Orange-peel bucket. — Eckman Mud sampler about 4 fms. below double-cone, from dredging boom.

Time towing h. m.

Remarks: Lowered two dories at 1:35 p. Then ahead slow till 2:01 when dropped orange-peel bucket, 90 fms. wire, and landed it on deck at 2:07, contents washed out. At 2:29 dropped Eckman bottom sampler, 95 fms. Up at 2:33, upper part slightly bent, struck by double cone. — At 2:52 hoisted returned dory — had lost line. 2nd Dory returned alongside ship at 4:28, hoisted 4:30

Deck Officer Mr. Pippo Recorder F. Mitil — Bosn Glick C.E. Ra Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	Down.		Up.		M.		M.	Down.		Up.	M.	
1	28					0	2	01		2	07	Orange peel bucket
						90 ~~100~~	2	04		2	04	
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						~~1000~~	2	29		2	33	Bottom Sample
						95 ~~1100~~	2	30		2	30	
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

7.

~~Dredge~~ Hydrog. No. 5404 Date, May 2, 1914

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

Turns Cor'n Depth 154 meters ~~fms.~~ 84 fathoms

Sdg. Cup 24 rows tallow on lead Amt. Bot'm Sample

Character of Bottom hd. gy. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 4 50 Time Air 50°

Density: Surf. fms.

Wind: Direction NxW Force 2

Baromet. 30.15 Amt. of Clouds 10 State of Sea 2

Weather C

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S78°E (true) distant 19.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Baen Glick Recorder A. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			---- M.	Down.		Up.	---- M.	
4	49	00	4	5-3	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

8

~~Dredge~~ Hydrog. No. 5405 Date, May 2, 1914

Sdg. Mch. T.N. Reel ~~Shot~~ Lead 25 lbs. 151 meters

Turns Cor'n Depth 82 fms.

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

Character of Bottom R

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 5-00 Time Air 50°

Density: Surf. fms.

Wind: Direction N x W Force 2

Baromet. 30.18 Amt. of Clouds 10 State of Sea L.

Weather Q

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S75°E (true) distant 19.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Glick Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.		P M.		___ M. Down.			Up.		___ M.
5	05	00	6	08	20	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5-406 Date, May 2, 1914

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

Turns Cor'n Depth 89 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. { 53° Time 5-30 Time } Air { 50

Density: Surf. fms.

Wind: Direction N x W Force 2

Baromet. 30.17 Amt. of Clouds 10 State of Sea L.

Weather C

Direction and Force of Current. { Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S72½° E (true) distant 19.1 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Glick Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.	P M.			---- M. Down.			Up.	---- M.	
5-27	00					0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3200						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

10.

~~Dredge~~ Hydrog. No. 5407 Date, May 2, 1914

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

Turns Cor'n Depth 96 176 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Green mud –

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53° Time 5-40 P Time Air 51°

Density: Surf. fms.

Wind: Direction NXW Force

Baromet. 30.18 Amt. of Clouds 10 State of Sea L

Weather Q

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S69½° E (true) distant 18.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Glick Recorder C.E. D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			___ M. Down.			Up.	___ M.	
5	38	20	5	40	30	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

11.

~~Dredge~~ Hydrog. No. 5408 Date, May 2, 1914

Sdg. Mch. T. M. Reel ~~Shot~~ Lead 25 lbs. 136 meters

Turns Cor'n Depth 96 fms.

Sdg. Cup tallow 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. 5-2 Time 6.25 P / Time Air 5-2

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.19 Amt. of Clouds 0.0 State of Sea L

Weather f

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S60°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 Owen Wick Mahoney Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.	P M.			___ M. Down.			Up.	___ M.	
6	18	20	6	21	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

12

~~Dredge~~ Hydrog. No. 5409 Date, May 2, 1914

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

Turns Cor'n Depth 96 fms.

Sdg. Cup tallow 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. 52° Time 700 Time Air 52°

Density: Surf. fms.

Wind: Direction N x W Force 2

Baromet. 30.19 Amt. of Clouds 10 State of Sea L

Weather B

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears 85½° E (true) distant 19.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Mahoney Recorder C. E. DeLong

H—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
0 M. Down.			Up.	0 M.			---- M. Down.			Up.	---- M.	
6	5-6	5-0				0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

13

~~Dredge~~ Hydrog. No. 5410 Date, May 2, 1914

Sdg. Mch. T.N. Reel 1 ~~Shot~~ Lead 178 25 lbs.

Turns Cor'n Depth 93 fms.

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

Character of Bottom ~~hard (rocky)~~ gn. mud

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 730 Time Air 52°

Density: Surf. fms.

Wind: Direction Force 2

Baromet. 30.20 Amt. of Clouds 10 State of Sea L

Weather C

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S43°E (true) distant 20.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boen Mahoney Recorder C. E. Delong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up.	P M.			___ M. Down.			Up.	___ M.	
7	35	00	7	39	00	0						
						100						
						200						
						300						
						400						
						500						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. 5411 Date, May 3, 1914

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

Turns Cor'n Depth 101 fms.

Sdg. Cup Softsoap Amt. Bot'm Sample

Character of Bottom Green mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51 Time 9.29 a.m. / Time Air 53

Density: Surf. fms.

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

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

Weather b c z

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon coast -

Position Yaquina Light bears S 33° E (true) distant 19.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C E Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			---- M. Down.			Up.	---- M.	
9	29	Am-				0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. 5412 Date, May 3, 19 14

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

Turns Cor'n Depth 96 177 fms.

Sdg. Cup Hoffman 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 10:07 a.m. / Time Air 52

Density: Surf. fms.

Wind: Direction N.W. x N Force 3

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

Weather f c z

Direction and Force of Current. Surface / Bottom

Tide

General Locality off Oregon Coast

Position Yaquina Light bears S27½E (true) distant 19.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Pippo Recorder C A Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.	---- M.			---- M. Down.			Up.	---- M.	
10	07	am				0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						2800						
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						4000						
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						4200						
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						4700						
						4800						
						4900						

Dredge / Hydrog. No. 5413 Date, May 3, 1914

Sdg. Mch. TN Reel TN ~~Shot~~ / Lead 25 lbs. 161

Turns Cor'n Depth 88 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 10.45 a.m. Time Air 55

Density: Surf. fms.

Wind: Direction N.W + W Force 4

Baromet. 30.20 Amt. of Clouds 8 State of Sea L

Weather Fog

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S21½°E (true) distant 20.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Tiffro Recorder C H Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.	---- M.			---- M. DOWN.			UP.	---- M.	
10:45 a.m.						0						
						100						
						200						
						300						
						400						
						500						
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Dredge / Hydrog. No. 5414 Date, May 3, 1914

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

Turns Cor'n Depth 83 fms. 152

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 11:20 a.m. / Time Air 55

Density: Surf. fms.

Wind: Direction N.W. & N Force 4

Baromet. 30.20 Amt. of Clouds 8 State of Sea 4

Weather

Direction and Force of Current. Surface / Bottom

Tide

General Locality off Oregon Coast

Position Yaquina Light bears S15½°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 Mr Pippo Recorder C F Cook

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. DOWN.			UP.	---- M.			---- M. DOWN.			UP.	---- M.	
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Cos. checked
E.C.J. June 17. 1914