

Hydro. 5366 - 5414

Apr. 29 - May 3, 1914

507

Oregon Coast

1.

Apr. 29 - May 3,
1914

Hydro. 5366-5414

5366

Hydrog. No. ~~5366~~ Date, Apr 29, 1914

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 Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 47 Time 5 am } Air { 57

Density: Surf. fms.

Wind: Direction NNNW Force 3

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

Weather tea

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Heceta Head Light - bears N69 1/2 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 roak used for arming

Course S. 28 W True

Deck Officer Recorder

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			
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			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			

5.02 a.m.
5.00

27 5000'

2
Dredge } No. 5367 Date, Apr. 29, 1914
Hydrog. }

Sdg. Mch. Jan. Blich Reel Shot Lead 30 lbs.

Turns _____ Cor'n _____ Depth 79 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

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

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 47 Time 5:22 Air { 51
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction NNW Force 3

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

Weather b

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position Heceta Light bears N67 1/2 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 _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5.22			0			
5.22			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			

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 ~~fine~~ black S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 48 Time 5.30 } Air { 57.5

Density: Surf. fms.

Wind: Direction NWN Force 3-4

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

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Heceta Light bears N66 1/2 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)

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5348			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.
Hydrog. } No. 5369 Date, Apr. 29, 1914
Sdg. Mch. Tan. Blish Reel ^{Shot} 30 lbs.
Turns _____ Cor'n _____ Depth 110 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom fine black sand.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 49 Time 5.47 } Air { 51.5 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction NWNW Force 3-4

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

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position Unique River Light bears S56 1/2 E (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 _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5.70	↓		0			
5.47			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
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			2200			
			2300			
			2400			
			2500			
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			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
		(. r)	4500			
			4600			
			4700			
			4800			
			4900			

5
Dredge } No. 5370 Date, Apr. 29, 1914
Hydrog. }

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~~ fine gravel

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 6.04 } Air { 52° Time

Density: Surf. fms.

Wind: Direction WNW Force 4

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

Weather b

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

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6.04			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			

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^s mud

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 6.15 } Air { 52
Time _____

Density: Surf. _____ fms. _____

Wind: Direction WNW Force 4

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

Weather bc

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 _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6.15 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			

7.
Expect^{ed} Hydrog. } No. 5372 Date, April 29, 1917
Sdg. Mch. Tan. Blish Reel ~~Shot~~ Lead } 30 lbs.
Turns _____ Cor'n _____ Depth 90 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom ~~hd. 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 ~~77NW~~ Force _____

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

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position Heceta Light bears N70½°E (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 _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6	.35 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			

8.
Dredge } No. 5373 Date, April 29, 1914
Hydrog. }
Sdg. Mch. Tan. Blish Reel Shot } 30 lbs.
Lead }
Turns _____ Cor'n _____ Depth 165 ? fms.

Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom blk. S + G.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 6:52 } Air { 52
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction NE by N Force 4

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

Weather bc

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 _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6.50	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			

9.

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 _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 7:10 a } Air { 52
Time _____

Density: Surf. _____ fms. _____

Wind: Direction NE by N Force 4

Baromet. 20.42 Amt. of Clouds 1 State of Sea L

Weather bc

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Heceta Light bears N73½ 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:

Lead bumped twice but no sample taken.

Course N. 4 W. (true)

Deck Officer _____ Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7.10 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			

10.

~~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 crs G + R. Rocks and gravel

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 7:30 } Air { 53 Time

Density: Surf. fms.

Wind: Direction NE by N Force ✓

Baromet. 30.4 ✓ Amt. of Clouds 1 State of Sea I

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Neceta 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

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7.30			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1600			
			1700			
			1800			
			1900			
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			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			

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 ^{1/2} ~~hd.~~ mud

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 7:50 a } Air { 54
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction N 7/8 E Force 4

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

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Hecla Light bears N 76 1/2 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 _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7.50 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			

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 Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 8:05 Air { 54

Density: Surf. fms.

Wind: Direction N by E Force 4

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

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality off Oregon coast

Position Heceta Light bears N 78 1/2 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

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
8.05 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			

13.

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

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 Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 8:15 am } Air { 54 Time

Density: Surf. fms.

Wind: Direction N 7/8 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 Neceta Light bears N 79 1/2 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

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			
			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 } No. 5379 Date, Apr. 29, 1914
Hydrog. }

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

Turns Cor'n Depth 182 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~grn. mud~~ grn. mud + sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51.5 Time 12:28 } Air { 54 Time

Density: Surf. fms.

Wind: Direction NNE Force 4-5

Baromet. 30.40 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 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

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			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
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			1600			
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			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			

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 Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction N by E Force 5

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

Weather bc

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

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			
			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			

Hydrog. } No. 5381 Date, April 29, 1914

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

Turns Cor'n Depth ~~218~~ 181 fms.

Sdg. Cup Amt. Bot'm Sample

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

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 1:50 } Air { 57 Time

Density: Surf. fms.

Wind: Direction N by E Force 5

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

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears 88.5° 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:

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			
			800			
			900			
			1000			
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			1200			
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			2800			
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			3200			
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			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

17:

Bredge } No. 5382 Date, Apr. 29, 1914
Hydrog. }

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 hr sample

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction NE, E Force 5

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

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 by feller, could not be hauled in though it ran out freely. 61 fms. of cable cut away, consequently no sample brought up though lead has touched bottom

Deck Officer Recorder

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			
			900			
			1000			
			1100			
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			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			

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

Sdg. Mch. Tani 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 Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 3:30 P } Air { 57 Time

Density: Surf. fms.

Wind: Direction N by E Force 6 (2 1/2 miles per hr.)

Baromet. 30.36 Amt. of Clouds 1 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 78 1/2 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:

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			
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			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			

138
3.20

19.

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 Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 3:45 } Air { 58 Time

Density: Surf. fms.

Wind: Direction N.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 876° 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

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			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			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

No. 5385 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 Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction N by E Force 6

Baromet. 30.35 Amt. of Clouds 1 State of Sea 9

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

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
4.05			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
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			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.

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 Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50.5 Time 4:32p } Air { 58

Density: Surf. fms.

Wind: Direction NE E Force 6-7

Baromet. 30.34 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 S 70 1/2 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

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			
			1100			
			1200			
			1300			
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			2300			
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			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

22.

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

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 Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 5:06 } Air { 58
Time

Density: Surf. fms.

Wind: Direction NE, W Force 7

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

Weather 639

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

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5	10	p.m.	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1600			
			1700			
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			1900			
			2000			
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			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			

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
6.00 pm.			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
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			3000			
			3100			
			3200			
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			3600			
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			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5-389 Date, Apr 30, 19 14
Hydrog. }

Sdg. Mch. TN Reel Shot Lead 28 lbs.

Turns Cor'n Depth 61 fms

Sdg. Cup ^{2 1/2 mesh} ~~Follow~~ on lead Amt. Bot'm Sample

Character of Bottom gy M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 1:00 P. } Air { 64° Time

Density: Surf. fms.

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

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

Weather bcg

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 75 1/2° 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 Ben Glick Recorder A.E. Odum

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		M. Down.	Up.	M.
<i>1</i>	<i>00.30</i>	<i>1.03.00</i>	<i>111</i> 0			
			400			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
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			1000			
			1100			
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			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

2

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

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

Turns Cor'n Depth 167 1/2 fms

Sdg. Cup eff 2th follow on lead Amt. Bot'm Sample

Character of Bottom Brk sh, gy M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 1:45 PM Air { 53°

Density: Surf. fms.

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

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

Weather bcg

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 75 1/2° 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 Ben Ellick Recorder C. E. Long

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P. M. Down.		Up. P. M.			M. Down.		Up. M.	
1	3	7	00	0				
				122				
				400				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
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				3700				
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				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. 5391 Date, April 30, 1914
Hydrog. }

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

Turns _____ Cor'n _____ Depth 164 fms

Sdg. Cup ~~rotten~~ Amt. Bot'm Sample

Character of Bottom blk S; M

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 2:10 PM. Air { 53.6°
 { _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction NW Force 7

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

Weather fog

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off Oregon coast

Position Maceta Light bears S75 1/2° 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. H. Long*

SOUNDING WIRE.			FMS.	DREDGING CABLE.							
P. M. Down.	Up.	P. M.		M. Down.	Up.	M.					
2	04	00	2	06	30						
			117	100	Meters						
				200							
				300							
				400							
				500							
				600							
				700							
				800							
				900							
				1000							
				1100							
				1200							
				1300							
				1400							
				1500							
				1600							
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				3700							
				3800							
				3900							
				4000							
				4100							
				4200							
				4300							
				4400							
				4500							
				4600							
				4700							
				4800							
				4900							

Dredge } No. 5392 Date, Apr 30, 1914
 Hydrog. }
 Sdg. Mch. T.M. Reel T.M. Shot Lead 28 lbs.
 Turns _____ Cor'n _____ Depth 62 fms.
 Sdg. Cup *with rough* Amt. Bot'm Sample _____
 Character of Bottom *blk s*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 5.20 Time 2:30 P } Air { 63.5
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *NO 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 S 75° 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 *Born Glick* Recorder *C.E. DeLong*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2	24 00	2 27 00	113 ⁰ meters 100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Bredge } No. 5393 Date, Apr 30, 1914
Hydrog. }
Sdg. Mch. T.M. Reel Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 71 fms. ^{fms.}
Sdg. Cup ^{W. West} on lead Amt. Bot'm Sample _____
Character of Bottom gm M.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52° Time 2:50 } Air { 53°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction NW x N. Force 7

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

Weather hazy

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Necita Light bears S 75° 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 Brown Glick Recorder C. E. DeLong

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P M. Down.		Up. P M.			M. Down.		Up. M.	
2	46	30	2	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
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				2800				
				2900				
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				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

6
Dredge } No. 5-394 Date, Apr 30, 1914
Hydrog. }
Sdg. Mch. T. N. Reel Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 179 fms.
Sdg. Cup *W. H. C. on lead* Amt. Bot'm Sample _____
Character of Bottom *gn. M.*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 5-2° Time 3:25- } Air { 5-2°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *NE x N* Force *6-7*

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

Weather *bz*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Oregon coast*

Position *Heceta Light bears S 71 1/2° 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 *Boss Glick* Recorder *C. E. Reding*
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
3	22	95	3	25	00	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
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			2800			
			2900			
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			3200			
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			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

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

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

Turns _____ Cor'n _____ Depth ~~79 fms.~~ 81 fms.

Sdg. Cup ^{soap} _____ Amt. Bot'm Sample _____

Character of Bottom gn M

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 5.2 Time 3:50 P } Air { 5.2
 { { {

Density: Surf. _____ fms. _____

Wind: Direction NW x N Force 6-7

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

Weather Bz

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Heceta Light bears S 69 1/2 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 Rosen Glick Recorder C.E. DeLong
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
P		P				
49	3	5300	0			
			147			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

8.

Dredge } No. 5396 Date, Apr 30, 1914
 Hydrog. }
 Sdg. Mch. TN Reel Shot Leads 28 lbs.
 Turns _____ Cor'n _____ Depth 3825 m S fms.
 Sdg. Cup Tallow on trad Amt. Bot'm Sample _____
 Character of Bottom Blk s and gn Mud -

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 4:52 P.M. } Air { 52 }
 { _____ Time _____ } { _____ }

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 Chas. Mahoney Recorder C. Cook 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
452 PM			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
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			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

4
Dredge } No. 5397 Date, April 30, 1917
Hydrog. }
Sdg. Mch. TN Reel Shot Lead 28 lbs.
Depth 85 1/2 fms.

Turns _____ Cor'n _____
Sdg. Cup Tallow on lead Amt. Bot'm Sample _____
Character of Bottom Soft Green Mud & Blk Sand

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 52 Time 5:51 PM Air { 53
 { _____ Time _____ { _____

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. Bourn Mahoney Recorder C. Clark
11-1022

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
.... M. DOWN.	UP. M.	 M. DOWN.	UP. M.
557	PM		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			1400			
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			1600			
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			1800			
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			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			

Drugs } No. 5398 Date, JT May 2, 1914
Hydrog. }
Sdg. Mch. TNT Reel TN Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 95 fms.

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

Character of Bottom gn. M.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52.0 Time 12:00 noon } Air { 54.0
Time _____

Density: Surf. _____ fms. _____

Wind: Direction NNW Force 4

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

Weather Def.

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off the Oregon Coast.

Position Yaquina Light bears N89 1/2 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. Mahoney Recorder J. A. Whit

SOUNDING WIRE.

M. Down.	Up.	M.
12 00		12 03

FMS.

DREDGING CABLE.

M. Down.	Up.	M.

0			
100			
200			
300			
400			
500			
600			
700			
800			
900			
1000			
1100			
1200			
1300			
1400			
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1700			
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2900			
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3100			
3200			
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3400			
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3600			
3700			
3800			
3900			
4000			
4100			
4200			
4300			
4400			
4500			
4600			
4700			
4800			
4900			

Dredge } No. 5399 Date, May 3, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 83 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample _____
Character of Bottom gn M.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52° Time 12:17 } Air { 54°
 { } { }

Density: Surf. _____ fms. _____

Wind: Direction NWN Force 4

Baromet. 30.21 Amt. of Clouds 8 State of Sea 1

Weather bef

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off 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 J. Trullinger

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

12: 7

Dredge } No. 5400 Date, May 2, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs. 100
Turns _____ Cor'n _____ Depth 90 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample _____
Character of Bottom Green mud -

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52° Time 12:34 } Air { 54°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction NW Force 4

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

Weather bef

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off the Oregon Coast.

Position Yaquina light bears S84 1/2° 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. Papp Recorder J. M. ...

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

12 34 PM

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
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2000
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2900
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. 5401 Date, May 2, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot } 25 lbs.
Lead } 98 '83
Turns _____ Cor'n _____ Depth 98 fms.
Sdg. Cup Armington Amt. Bot'm Sample _____
Character of Bottom gn M

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time 17:52 } Air { 53.5 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction NW by W 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 84 1/2° 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. Pippo Recorder F. Tuttle

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1252			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5402 Date, May 2, 1914
Hydrog. }
Sdg. Mch. TA Reel TA Shot Leads 25 lbs.
Turns _____ Cor'n _____ Depth 96 176 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom gn M fine G

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 51° Time 1:15 } Air { 54°
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction NW by W Force 3

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

Weather if _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off the Oregon Coast

Position Yaquina Light bears S 82° 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. White

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			
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			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 } No. 5403 Date, May 2, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 96 fms. 176

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom *lt S + gn. M.*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *51°* Time *1:28.7* } Air { *54°*
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction *WNW 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 *Off the Oregon Coast*

Position *Yaquina Light bears S80 1/2° 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 chodging beam.*

Time towing _____ h. _____ m.

Remarks: *Lowered two times 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 wasted out. At 2:29 dropped Eckman
bottom sampler ^{95 fms.} up at 2:33, upper part slight
ly bent, struck by double cone. - At 2:52
trawler returned army - had lost line. 2nd haul
returned alongside ship at 4²⁵ hoisted 430*

Deck Officer *Mr. Pippo* Recorder *F. H. H. -*
Boon Glick *C. E. Kellogg.*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1	28		0	2	01	} Orange } pack } bucket
			90	2	04	
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000	2	29	} Bottom } Sample
			95	2	30	
			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.
Hydrog. } No. 5404 Date, May 2, 1914
Sdg. Mch. T.M. Reel Shot/Lead 26 lbs.
Turns Cor'n Depth 154 meters fms.
Sdg. Cup *Cup now* Amt. Bot'm Sample 84 fath
Character of Bottom *hd. gy. M.*

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 4:50 } Air { 50°
 { { {

Density: Surf. fms.

Wind: Direction *71 x 00* Force 2

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

Weather *0*

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality *Off Oregon coast*

Position *Yaquina Light bears 878° 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 *Boen Glick* Recorder *C. E. Red Long*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		M. Down.	Up.	M.
4	49	00	4	53	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			

Hydrog. No. 5-405- Date, May 2, 1914

Sdg. Mch. T.O. Reel Shot Lead 25 lbs. 13 meters

Turns Cor'n Depth 62 fms.

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

Character of Bottom R

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53.0 Time 5-50 } Air { 50.0 Time

Density: Surf. fms.

Wind: Direction N x N Force 2

Baromet. 30.18 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 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 Ben Glick Recorder C.E. ...

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			
			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 } No. 5-406 Date, May 2, 1914
Hydrog. }
Sdg. Mch. T. H. 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 _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 53° Time 5-30 } Air { 50
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction N x W Force 2

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

Weather 0

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off Oregon coast

Position Yaquina Light bears S 72 1/2° 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 Slick Recorder C. C. Long

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		M. Down.	Up.	M.
<i>5-2700</i>			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. 5407 Date, May 2, 1914

Sdg. Mch. T.M. Reel Shot Lead 25 lbs. 176

Turns Cor'n Depth 96 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Green mud -

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 5:40 P } Air { 61° Time

Density: Surf. fms.

Wind: Direction N x W Force

Baromet. 30.18 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 S 67 1/2° 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 Born Elich Recorder C. C. ...

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<u>P.</u> M. DOWN.	UP.	<u>P.</u> M.		--- M. DOWN.	UP.	--- M.
5	38	20	5	40	30	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

19. 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 gm M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 6:25 P Air { 52

Density: Surf. fms.

Wind: Direction Force

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 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 Mahoney Recorder C.E. Kellogg

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		--- M. Down.	Up.	--- M.
6 18 20	6 21 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			

12
Dredge } No. 5409 Date, May 2, 1914
Hydrog. }

Sdg. Mch. T.M. Reel Shot Leads 25 lbs.
177

Turns Cor'n Depth 96 fms.

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

Character of Bottom gm M.
Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 7:00 } Air { 52°
 { } { }

Density: Surf. fms.

Wind: Direction N x SW Force 2

Baromet. 30.19 Amt. of Clouds 10 State of Sea 2

Weather B

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears 85 1/2° 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 Boon Mahoney Recorder C. E. De Long
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		M. Down.	Up.	M.
6	56	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			

3

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

Sdg. Mch. T.H. Reel Shot Lead 25 lbs.
178

Turns Cor'n Depth 93 fms.

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

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

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 7:30 } Air { 62° Time

Density: Surf. fms.

Wind: Direction Force 2

Baromet. 30.20 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 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 Bowen Mahoney Recorder C. E. DeLong

SOUNDING WIRE.

FMS.

DREDGING CABLE.

P. M. Down. Up. P. M.

7 35 00 7 39 00

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

Dredge } No. 5411 Date, May 3, 1914
Hydrog. }
Sdg. Mch. T N Reel T N Shot 25 lbs.
Lead

Turns _____ Cor'n _____ Depth 101 fms.
Sdg. Cup Soft Hook Amt. Bot'm Sample _____
Character of Bottom Green mud -

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 51 Time 9.29 AM Air { 53
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

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

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

Weather bcz

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. C. 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			
			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 } No. 5412 Date, May 3, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot 25 lbs.
Lead 177
Turns _____ Cor'n _____ Depth 96 fms.
Sdg. Cup *Soft mud* Amt. Bot'm Sample _____
Character of Bottom *Green mud -*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 10:07 A.M. } Air { 52
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *N.W. x N* Force *3*

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

Weather *bcz*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *off Oregon coast*

Position *Yaquina Light bears S27 1/2 E (true) distant 19.7 miles*

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

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mr Phipps* Recorder *C. Cook*

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			
			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 } No. 5413 Date, 17 May 3, 1914
Hydrog. }
Sdg. Mch. TIV Reel TN Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 88 fms.

Sdg. Cup soft siph Amt. Bot'm Sample _____
Character of Bottom Green mud -

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 10:45 a.m. } 55
 { _____ Time _____ } Air { _____

Density: Surf. _____ fms. _____

Wind: Direction N.W. + W Force 4

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

Weather Fc2

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off Oregon coast

Position Yaquina Light bears S 2 1/2° 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. Tippo Recorder C. Clark

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

10:45 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 } No. 5414 Date, May 3, 1914
Hydrog. }
Sdg. Mch. T 77 Reel T 77 Shot 25 lbs.
Lead 152

Turns _____ Cor'n _____ Depth 83 fms.
Sdg. Cup softloop Amt. Bot'm Sample _____
Character of Bottom Green mud -

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 52 Time 11:20 a.m. Air { 55
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction N.W + N Force 4

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

Weather _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off Oregon coast

Position Yaquina Light bears S 15 1/2° 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 Phipps Recorder C. J. Cook
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
11	20	21	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. checked
 Oct. June 17, '914