

Hydro. 5465 ~~5465~~ 5513

May 5 - 7, 1914

Oregon Coast.

3

May 5 - May 7, 1914.

Hydro. 5465 - 5513

28

Dredge } No. 5465 Date, May 5, 1914
Hydrog. }

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

Turns _____ Cor'n _____ Depth 89 fms.

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

Character of Bottom hd, M.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52° Time 6:00 P } Air { 60°
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction N x W Force 3-4

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

Weather bz

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Yaquina Light bears N 87° 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 Bowen Glick Recorder C. E. DeLong
11-1023

SOUNDING WIRE.

P M. Down. UP. *P* M.

4-53-00 5-58-00

FMS.

DREDGING CABLE.

--- 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

29

Dredge } No. 5466 Date, May 5, 1914
Hydrog. }

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

Turns 164 meters Cor'n Depth 89 fms.

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

Character of Bottom clear lead (hard pan?)

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 6:10 P } Air { 59° Time

Density: Surf. fms.

Wind: Direction N x W Force 3

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

Weather bz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 88° E (true) distant 20.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Boss Recorder C.E. DeLong

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
<i>P</i> M. Down.	Up.	<i>P</i> M.			M. Down.	Up.	M.	
60700		61000		0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

30

Dredge } No. 5469 Date, May 5, 1914
Hydrog. }

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

Turns 168 meters Cor'n Depth 91 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. { 5-2° Time 6:28 } Air { 5-8° Time

Density: Surf. fms.

Wind: Direction N x W Force 3

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

Weather bz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S89°E (true) distant 19.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Born Slick Recorder C. C. ...

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. DOWN.	UP.	P. M.		M. DOWN.	UP.	M.
6	23	00	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 5468 Date, May 5, 1914
Sdg. Mch. T.N. Reel Shot Lead 25 lbs.
Turns 165 meters Cor'n Depth 90 fms.

Sdg. Cup Amt. Bot'm Sample
Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 57° Time 6:45 } Air { 66° Time

Density: Surf. fms.

Wind: Direction N x W Force 3-4

Baromet. 30.14 Amt. of Clouds 1 State of Sea C

Weather bcz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S87°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: Time Wet bulk Dry bulk
6:45 P.M. 52.5 58.0

Deck Officer Ch. Ross Mahoney recorder C.E. De Long

SOUNDING WIRE.

P. M. Down.	Up.	P. M.
641.00		643.00

FMS.

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

DREDGING CABLE.

M. Down.	Up.	M.

SOUNDING WIRE.

M. Down.	Up.	PM.
65800	70200	

FMS.

DREDGING CABLE.

M. Down.	Up.	M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1800

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. 5477 Date, May 5, 1914

Sdg. Mch. T. Reel 7. Shot 25 lbs.

Turns 166 Cor'n Depth 90 fms.

Sdg. Cup Armington Amt. Bot'm

Character of Bottom gy. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51.0 Time 7:20 Air { 65.0

Density: Surf. fms.

Wind: Direction N x W Force 2-3

Baromet. 30.14 Amt. of Clouds 1 State of Sea C

Weather bcz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast.

Position Yaquina Light bears S 81° E (true) distant 17.2 miles

Chart used: No. 6000 Ed'n.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer C. S. ... Recorder C. S. ... 11-1021

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7 16 00		7 20 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			

No. 71 Date, 11 Mar 6, 1914

Sdg. Mch. Reel Shot Leads 25 lbs. 17 86 fms.

Turns Cor'n Depth Amt. Bot'm Sample Character of Bottom gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 6.36 } Air { 60

Density: Surf. fms.

Wind: Direction N.W.W Force 1

Baromet. 30.05 Amt. of Clouds 6 State of Sea

Weather b c z

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Yaquina Light bears N47°E (true) distant 10.5 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

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6	36		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

12

Hydrog. No. 5372 Date, May 16, 1914

Sdg. Mch. TN Reel 1 Shot Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 6.55 A } .tir

Density: Surf. fms.

Wind: Direction 11.11.W Force 1

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

Weather G C Z

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Yaquina Light bears N52°E (true) distant 10.2 miles Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

M. Down. | Up. | M.

655

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. 3 Date, _____, 19____
Hydrog. }
Sdg. Mch. T. N. Reel _____ Shot
Leads 15 lbs.
Turns _____ Cor'n _____ Depth 45 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom gy _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57 Time _____ } Air { _____ }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction N. W. E Force 1

Baromet. 30.0 Amt. of Clouds 1 State of Sea 5

Weather B C Z

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon

Position Yaquina Light bears N 55° E (true) distant 10.1 miles
Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer W. H. _____ Recorder _____
11-1023

SOUNDING WIRE.

M. Down.	Up.	M.
703		705

FMS.

DREDGING CABLE.

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

Hydrog. No. 5174 Date, July 1, 19 1901

Sdg. Mch. TN Reel TN 1 Shot/Lead 25 lbs.

Turns 114 Cor'n _____ Depth 114 fms.

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

Character of Bottom gy. s. m.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 7:12 AM }
 { _____ Time _____ } Air { _____

Density: Surf. _____ fms. _____

Wind: Direction 71.71.70 Force 1

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

Weather bcz

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Oregon Coast

Position Yaquina light bears N57 1/2 E (true) distant 10.0 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.
7'12	7'10		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5 Date, _____, 19

Sdg. Mch. _____ Reel _____ Shot/Lead _____ lbs.

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup *W.T.* Amt. Bot'm Sample _____

Character of Bottom *gy* _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *32* Time *7:15* } Air { _____
 { { { _____

Density: Surf. _____ fms. _____

Wind: Direction *71.7. W* Force *1*

Baromet. *30.05* Amt. of Clouds *6* State of Sea *S*

Weather *F.F.S.*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Oregon Coast*

Position *Yaquina light bears N60 1/2 E (true) distant 10.0 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 _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7	19	7 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			

6
Dredge } No. 1116 Date, _____, 1911
Hydrog. }

Sdg. Mch. 1 Reel Shot/Lead 73 lbs.
Turns _____ Cor'n _____ Depth 40 fms.

Sdg. Cup Siphon Amt. Bot'm Sample _____

Character of Bottom rgy Sand & rock -

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 7:27 A.M. } Air { _____
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

Baromet. _____ Amt. of Clouds 6 State of Sea 5

Weather b c z

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position Yaquina Light bears N 62° E (true) distant 10.3 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.

A M. Down. | Up. 4 M.

DREDGING CABLE.

M. Down. | Up. M.

FMS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1800
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. 5117 Date, _____, 19____
Sdg. Mch. _____ Reel _____ Shot _____ lbs.
Leads 38
Turns _____ Cor'n _____ Depth _____ fms.

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

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 7:35 AM } Air { 61 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

Baromet. 30.04 Amt. of Clouds 7 State of Sea S

Weather Partly Cloudy

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off Oregon Coast

Position Yaquina Light bears N 63° E (true) distant 10.6 miles
Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____
11-1021

SOUNDING WIRE.

DREDGING CABLE.

FMS.

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up.		M.	Up.	M.
7 35	7 37	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1800			
		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. 38 Date, _____, 19__
Hydrog. }

Sdg. Mch. _____ Reel _____ Shot & Lead _____ lbs.

Turns _____ Cor'n _____ Depth 29 fms.

Sdg. Cup *Soft mud* Amt. Bot'm Sample _____

Character of Bottom *Soft mud*

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 7:41 AM } Air { _____
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction *Calm* Force *0*

Baromet. *30.04* Amt. of Clouds *2* State of Sea *5*

Weather *bcz*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Oregon Coast*

Position *Yaquina Light bears N64° E (true) distant 10.9 miles*

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

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mr Mahoney* Recorder *W. Wick*

SOUNDING WIRE.

A M. Down. | Up. A M.

7 41

7 48

FMS.

DREDGING CABLE.

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

9
Dredge } No. 5479 Date, May 5, 1914
Hydrog. }

Sdg. Mch. T N Reel 7 Shot Lead lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Lophotryps Amt. Bot'm Sample

Character of Bottom mud M

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 7:48 a Air { 61
Time

Density: Surf. fms.

Wind: Direction C. E. Force 0

Baromet. 30.00 Amt. of Clouds 2 State of Sea S

Weather b. c.

Direction and Force of Current { Surface Bottom

Tide

General Locality off N. Oregon Coast

Position Yaquina Light bears N 64 1/2° E (true) distant 11.3 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer [Signature] Recorder { [Signature] 1024

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
A	M. DOWN.	UP.	A M.		M. DOWN.	UP.	M.
7	48	7	49	0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

Hydrog. No. 5480 Date, Jan 6, 19 14
 Sdg. Mch. TK Reel TK Shot Lead 25 lbs.
 Turns _____ Cor'n _____ Depth 30 ^{v2} fms.
 Sdg. Cup Arming Amt. Bot'm Sample _____
 Character of Bottom J Rb

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 7:55 } Air { 61
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction Caln Force 0

Baromet. 30.01 Amt. of Clouds 0 State of Sea 8

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality North Oregon Coast

Position Yaquina light bears N 65° E (true) distant 11.6 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. Mahony Recorder [Signature]

SOUNDING WIRE.

DREDGING CABLE.

A M. Down. Up. B M.

FMS.

M. Down. Up. M.

7 57 7 57

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

11
Dredge } No. 781 Date, May 6, 1914
Hydrog. }
Sdg. Mch. T. Reel 7A Shot/Lead 25 lbs.
Turns ----- Cor'n ----- Depth 53 fms.

Sdg. Cup Arranging Amt. Bot'm Sample -----
Character of Bottom Shd. Brn

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

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

Temp. Surf. { 52 Time 8:02 Air { 61
 { { {
 { { {
 { { {

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

Wind: Direction Calm Force 0

Baromet. 30.00 Amt. of Clouds 2 State of Sea S

Weather ~~bc~~

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

Tide -----

General Locality Coast of N. Carolina

Position Yaquina Light bears N66°E (true) distant 11.9 miles
Chart used: No. 6000 Ed'n -----

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used -----

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

Remarks:
Tide Wet bulb Dry bulb
8:00 AM. 53.5 57.5

Deck Officer [Signature] Recorder [Signature]
11-1023

SOUNDING WIRE.

M. Down.	Up.	A. M.
8 02	8 04	

FMS.

DREDGING CABLE.

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

SOUNDING WIRE.

M. Down.		Up.	M.	
8	10	8	12	

FMS.

DREDGING CABLE.

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

Hydrog. } No. 2183 Date, May 6, 19 11
 Sdg. Mch. TN Reel TK Shot/Lead 25 lbs.
 Turns _____ Cor'n _____ Depth 40⁷³ fms.

Sdg. Cup Amey Amt. Bot'm Sample _____
 Character of Bottom gy

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 8:50 } Air { 61
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

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

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off N. Ocean Coast

Position Yaquina light bears N 68° E (true) distant
12.6 miles
 Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
8	16	8	19	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			

Hydrog. } No. 2484 Date, July 6, 1912
Hydrog. }
Sdg. Mch. 75 Reel 7K Shot/Lead 25 lbs.
Turns ----- Cor'n ----- Depth 44 fms.

Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom Sand gy M 653

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

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

Temp. Surf. { 52 Time 8:27 a } Air { 61
 { ----- Time ----- } { -----

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

Wind: Direction Calm Force -----

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

Weather B, C

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

Tide -----

General Locality N. Ocean

Position Yaquina Light bears N69°E (true) distant 13.0 miles
Chart used: No. ----- Ed'n -----

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used -----

Time towing h. m.

Remarks:

SOUNDING WIRE.

A M. Down. Up. A M.

8 27 8 29 30

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1800
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. 5403 Date, May 6, 1914

Sdg. Mch. T. Reel 7 Shot/Lead 2 lbs. 48 89 fms.

Turns Cor'n Depth

Sdg. Cup Amt. Bot'm Sample

Character of Bottom fine bk S bk S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 8:50 Air { 61

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.54 Amt. of Clouds 1 State of Sea S

Weather fog

Direction and Force of Current { Surface Bottom

Tide

General Locality off N. Oregon Coast

Position Yaquina Light bears N70°E (true) distant 13.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. Up. M.

8 36 8 39

FMS.

DREDGING CABLE.

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

16 - Oct.
Tideg. Hydrog. No. 5486 Date, 7th 6, 1914
Sdg. Mch. T.W. Reel T.W. Shot/Lead 5 lbs.
Turns ----- Cor'n ----- Depth 51 fms.
Sdg. Cup Arrive Amt. Bot'm Sample -----
Character of Bottom fine bk S

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

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

Temp. Surf. { 52 Time 8:45 a.m. Air } 61
 { Time ----- { -----

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

Wind: Direction Calm Force 0

Baromet. 30.00 Amt. of Clouds 1 State of Sea S

Weather B

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

Tide -----

General Locality off western coast of Oregon

Position Yaquina Light bears N 71° E (true) distant 13.7 miles
Chart used: No. 6000 Ed'n -----

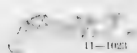
Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used -----

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

Remarks: At 8:45 found a large, some re-
turned and was finished 12:50

Deck Officer W. P. Risse Recorder 

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.			M. Down.	Up.	M.
8	47	8	49	0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

17 - Oct.
 Hydrog. No. 5487 Date, Oct 16, 1914
 Sdg. Mch. T/N Reel T/N Shot/Lead 25 lbs.
 Turns ----- Cor'n ----- Depth 57 fms.
 Sdg. Cup Arming Amt. Bot'm Sample -----
 Character of Bottom E.S. Green SR

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

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

Temp. Surf. { 52 Time 8:55 a } Air { 61 }
 { ----- Time ----- } { ----- }

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

Wind: Direction Calm Force 0

Baromet. 30.00 Amt. of Clouds 1 State of Sea S

Weather Fog

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

Tide -----

General Locality East of Boston Ocean

Position Yaquina Light bears N 72° E (true) distant 14.2 miles
 Chart used: No. 6000 Ed'n -----

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used -----

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

Remarks: at 8:55 toward a buoy. -
 The fishing line over the side. - Buoy
 returned and was hoisted 11:14
 Bottom Sampler used at 11:15

Deck Officer Mr. Phipps Recorder. -----

SOUNDING WIRE.

7 M. DOWN. | UP. A M.

8 55 | 8 56 |

FMS.

DREDGING CABLE.

--- 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

Hydrog. No. 518 Date, June 6, 1914
Sdg. Mch. T.M. Reel Shot Lead 35 lbs.
Turns Cor'n Depth 64 fms.
Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom Gt S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 11:30 Air { 52
Time

Density: Surf. fms.

Wind: Direction S by W Force 2

Baromet. 30.05 Amt. of Clouds 0 State of Sea S

Weather B of

Direction and Force of Current { Surface Bottom

Tide

General Locality Gt N. Ocean

Position Saguna Light bears N 75 1/2 E (true) distant 14.1 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Tippo Recorder

SOUNDING WIRE.

M. Down.	Up.	M.
// 30	// 32	30

FMS.

DREDGING CABLE.

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

SOUNDING WIRE.

9 M. Down. | Up. *A* M.

11 44 | *11 47*

FMS.

DREDGING CABLE.

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

Hydrog. No. 5469 Date, May 6, 1914
 Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
 Turns 1 Cor'n _____ Depth 61 fms.
 Sdg. Cup Arming Amt. Bot'm Sample _____
 Character of Bottom S.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time 11:57 a } Air { 52.5° }
 { _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction S x W Force 2

Baromet. 30.05 Amt. of Clouds 10 State of Sea S

Weather bcs.

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off N. coast of Oregon

Position Yaquina Light bears N 81° E (true) distant 14.4 miles
 Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer Boon Recorder (Signature)

SOUNDING WIRE.

DREDGING CABLE.

FMS.

A. M. Down.	Up.	A. M.
11 57		
	11 56 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

Hydrog. No. 5490 Date, May 6, 1914

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

Turns 112 Cor'n Depth 61 fms.

Sdg. Cup Drawing on lead Sample

Character of Bottom gy. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 12:10 P. } Air { 54°

Density: Surf. fms.

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

Baromet. 30.5 Amt. of Clouds 9 State of Sea 2

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Wilson Coast

Position Yaquina Light bears N 83° E (true) distant 14.2 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 [Signature]

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		M. Down.	Up.	M.
12	07	00	12	09	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			

22 Set

Hydrog. No. 5492 Date, May 6, 1914

Sdg. Mch. T. I. Reel 25 lbs.

Turns 115 Cor'n Depth 62 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 53.9° Time 12:30 P. Air { 54°

Density: Surf. fms.

Wind: Direction S.W. Force 3-4

Baromet. 30.04 Amt. of Clouds 9+10 State of Sea

Weather Bcl + of

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Cape Cod

Position Yaquina Light bears N 81° E (true) distant 14.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: ... line broken off at about 3 feet from anchor

Time 1:00 P.M. Wet bulb 57.4 Dry bulb 58.0

Deck Officer Recorder

SOUNDING WIRE.

DREDGING+CABLE

P. M. DOWN. UP. P. M.

P. M. DOWN. UP. P. M.

12 26 00 12 26 00

FMS.

0 1 40 00 1 49 00

100 1 47 35 1 47 10

200

300 lowered to 110

400 meters

500

600

700

800 1 35 00 1 29 00

900

1000 1 22 meters

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200 3 02 25 3 04 10

2300 3 04 47 0 02 10

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

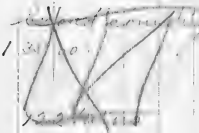
4500

4600

4700

4800

4900



(Sounding for
above 1 35 00 1 29 00
1 22 meters
Tripped
Tide gauge 17.3°
The sounding in
above)

collected bottom
sample

Dredge } No. 1173 Date, _____, 19____
Hydrog. }
Sdg. Mch. T. N. Reel T. N. Shot/Lead 139 lbs.

Turns _____ Cor'n _____ Depth 76 fms.
Sdg. Cup Soft Soap Amt. Bot'm Sample _____
Character of Bottom No Sample

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 5:27 P. } Air { 53
 { } { }

Density: Surf. _____ fms. _____

Wind: Direction S E Force 2

Baromet. 30.02 Amt. of Clouds 9 State of Sea C

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position Yaquina Light bears N 87 1/2° E (true) distant 14.3 miles
Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer W. M. Kelley Recorder C. C. _____
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
527			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			

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

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. 549 Date, May 7, 1901

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

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy S and

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

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 7 State of Sea

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Yaquina Light bears 88 1/2 E (true) distant 12.4 miles.

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

4
4 1/2

- 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

SOUNDING WIRE.

DREDGING CABLE.

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up.		M.	Up.	M.
A 452		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			

No. 17 Date, _____, 19__

Sdg. Mch. _____ Reel _____ Shot/Lead _____ lbs.

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup looph trap Amt. Bot'm Sample _____

Character of Bottom fine sand gy

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 5:09 am } Air { 54 Time _____

Density: Surf. _____ fms. _____

Wind: Direction E Force 2

Baromet. 30.00 Amt. of Clouds 4 State of Sea 2

Weather sc

Direction and Force of Current { Surface _____ Bottom _____

Tide _____

General Locality off Saginaw

Position Yaquina light bears S 76 1/2 E (true) distant 12.2 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer [Signature] Recorder [Signature]

SOUNDING WIRE.

A.	M. Down.	Up.	M.
	5 09	5 11	

FMS.

DREDGING CABLE.

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

Hydrog. No. 518 Date, _____, 19__

Sdg. Mch. T N Reel T IV Shot/Lead 5 lbs.

Turns _____ Cor'n _____ Depth 63 117 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____ gy _____

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 2:00 } Air { 54 Time _____

Density: Surf. _____ fms. _____

Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 7 State of Sea _____

Weather B C 77

Direction and Force of Current { Surface _____ Bottom _____

Tide _____

General Locality _____

Position Jaquin light bears S 72° E (true) distant 11.8 miles Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer M. Pappas Recorder C. C. Clark 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5 30	7 33		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5489 Date, July 7, 1907
Hydrog. }

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup soft Amt. Bot'm Sample

Character of Bottom Muddy

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 5:10 Air { Time

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 2 State of Sea 2

Weather B C 70

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Yaquina Light bears S 66° E (true) distant 11.8 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. | Up. | M.

H 21 30 | 5 23 |

FMS.

DREDGING CABLE.

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

6
 Dredge } No. 500 Date, _____, 19____
 Hydrog. }
 Sdg. Mch. 7 N Reel 7 N Shot } 25 lbs.
 Lead }
 Turns _____ Cor'n _____ Depth 6.7 fms.

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

Thermom. { Make _____ Cor'n { Instr. _____
 No. _____ Stem. _____
 Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 5:05 a } Air { 54
 Time _____

Density: Surf. _____ fms. _____
 Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 7 State of Sea 2m

Weather _____

Direction and Force of Current { Surface _____
 Bottom _____

Tide _____

General Locality 4 Oregon Coast

Position Yaquina light bears S 61 1/2° E (true) distant 11.8 miles
 Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:
 Time 6:00 A.M. Wet bulk 50.5 Dry bulk 83.0

Deck Officer W. P. Miller Recorder W. P. Miller
 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
A. 555	5168		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. 5560 Date, May 7, 1914
Hydrog. }
Sdg. Mch. 7 N Reel TN Shot 25 lbs.
Lead 12.7 fms.

Turns _____ Cor'n _____ Depth 69 fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom White Sd

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

Bottom Reading _____ Cor'd Temp. ... _____
Temp. Surf. { 50 Time 6:10 _____ }
 { _____ Time _____ } . Air { _____ }

Density: Surf. _____ fms. _____

Wind: Direction E Force 2

Baromet. 29.78 Amt. of Clouds 5 State of Sea _____

Weather bc 7M

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Cape Cod

Position Yaquina Light bears S57°E (true) distant 12.0 miles

Chart used: No. _____ 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.
6	10	6	13	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. 2 Date, 1911
Hydrog. No. TN Reel TN Shot/Lead lbs. 135
Sdg. Mch. TN Depth 71 fms.
Turns Cor'n Amt. Bot'm Sample
Sdg. Cup depth cup
Character of Bottom Hard.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 8:12 } Air { 52.1
Time

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 29.78 Amt. of Clouds 7 State of Sea 7/1

Weather B C 7/1

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Cape Fear

Position Yaquina Light bears S52°E (true) distant 12.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer P. P. Recorder A. C. Cook

SOUNDING WIRE.

DREDGING CABLE.

M. DOWN.	UP.	M.
6 25	6 28	

FMS.

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. 5503 Date, Mar 11, 19
 Hyd. }
 Sdg. Mch. TN Reel TN Shot/Lead 130 lbs.

Turns _____ Cor'n _____ Depth 71 fms.
 Sdg. Cup 1 cup Amt. Bot'm Sample _____
 Character of Bottom gy. s.

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

Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { Time 6:15 } Air { 51 }
 { Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction SE & E Force 2

Baromet. 30.78 Amt. of Clouds 10 State of Sea CM

Weather b c m

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Yaquina Light bears S48°E (true) distant
12.4 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.

M. Down.	Up.	M.
6 41	6 43	

FMS.

DREDGING CABLE.

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. 4 Date, _____, 19____
Hydrog. }
Sdg. Mch. _____ Reel _____ Shot/Lead _____ lbs.
Turns _____ Cor'n _____ Depth 71 fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom _____

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 50 Time 6:55 A }
 { _____ Time _____ } .air { _____ }

Density: Surf. _____ fms. _____

Wind: Direction SEXE Force 2

Baromet. _____ Amt. of Clouds _____ State of Sea _____

Weather 6077

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position Yaquina light bears S43 1/2° E (true) distant 12.7 miles
Chart used: No. 6000 Ed'n. _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.

M. Down. | Up. | M.

6 55 | 10 58

FMS.

DREDGING CABLE.

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

Towed Hydrog. No. 304 Date, July 9, 1911
Sdg. Mch. T N Reel T N Shot Lead 13 lbs.
Turns Cor'n Depth 71 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 9:24 A } Air { Time }

Density: Surf. fms.

Wind: Direction S E x E Force 2

Baromet. 29.98 Amt. of Clouds 10 State of Sea 1

Weather b c m

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S 40° E (true) distant 13.1 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.
7	09	18	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. 5506 Date, July 7, 1914
Hydrog. }
Sdg. Mch. T. IV Reel T. IV Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom gy. s. and

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 7:09 A } Air { 50
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction SE x E Force 2

Baromet. 29.85 Amt. of Clouds 10 State of Sea 1/2

Weather bc sm

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Yaquina Light bears $83\frac{1}{2}^{\circ}$ E (true) distant 13.2 miles
Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer _____ Recorder _____
11-1023

SOUNDING WIRE.

M. Down.	Up.	M.
7 25		

FMS.

DREDGING CABLE.

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. 5004 Date, May 2, 19
 Hydrog. }
 Sdg. Mch. TN Reel 711 Shot 5 lbs.
 Leads 120 fms.

Turns _____ Cor'n _____ Depth 65 fms.
 Sdg. Cup _____ Int. Bot'm Sample _____
 Character of Bottom gy. sand

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

Baromet. _____ Amt. of Clouds _____ State of Sea _____

Weather _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off Oregon coast

Position Yaquina Light bears S31 1/2° E (true) distant 13.5 miles
 Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

SOUNDING WIRE.

DREDGING CABLE.

FMS.

M. Down. | Up. | M.

M. Down. | Up. | M.

7 40 | 7 42

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 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. 550
Hydrog. }
Date, _____, 19____
Sdg. Mch. T N Reel T N Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 60 fms.

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

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time 7:30 Air { _____
 { _____ { _____
 { _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction SE by E Force 2

Baromet. 29.96 Amt. of Clouds 10 State of Sea B

Weather C

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position Yaquina Light bears S 27 1/2° E (true) distant 13.8 miles
Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:
Time Wet bulb Dry bulb
8:00 A.M. 55.0 58.0

Deck Officer Mr. [Signature] Recorder _____

SOUNDING WIRE.

A. M. DOWN.	UP.	A. M.
7-7	8	7

FMS.

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

DREDGING CABLE.

M. DOWN.	UP.	M.

15.

Dredge } No. 509 Date, May 7, 1910
Hydrog. }
Sdg. Mch. Reel T15 Shot & Lead 25 lbs.
Turns 102 Cor'n Depth 55 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 8:09 } Air { 56 Time

Density: Surf. fms.

Wind: Direction S E E Force 2

Baromet. 29.8 Amt. of Clouds 10 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S 22 1/2° E (true) distant 14.1 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.

M. DOWN. | Up. *A* M.

8 09

8 12

FMS.

TREDGING CABLE.

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. 570 Date, May 7, 1911
Hydrog. }

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

Turns 101 Cor'n Depth 55 fms.

Sdg. Cup A. M. Amt. Bot'm Sample

Character of Bottom gy.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { .52 Time 8:24 Air { 72
Time

Density: Surf. fms.

Wind: Direction SE by E Force 3

Baromet. 29.96 Amt. of Clouds 10 State of Sea 3/4

Weather OK

Direction and Force of Current { Surface Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S19°E (true) distant 14.8 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing: h. m.

Remarks:

SOUNDING WIRE.

7 M. Down. | Up. / ... M.

8 24 3 26

FMS.

DREDGING CABLE.

... 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

Hydrog. No. 5514 Date, May 7, 1914

Sdg. Mch. Reel Shot/Lead 25 lbs.

Turns 110 Cor'n Depth 60 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 8.37 Air { 51

Density: Surf. fms.

Wind: Direction East Force

Baromet. 29.99 Amt. of Clouds 10 State of Sea 72

Weather or

Direction and Force of Current { Surface Bottom

Tide

General Locality of Oregon Coast.

Position Yaquina Light bears S15°E (true) distant 15.3 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. Gies

Recorder [Signature]

SOUNDING WIRE.

A M. Down. Up. 9 M.

8 37 | 8 40

FMS.

DREDGING CABLE.

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

Tredge } No. 5512 Date, May 7, 1914
Hydrog. }

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

Turns 97 Cor'n Depth 52 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 8.53 2 } Air { 55

Density: Surf. fms.

Wind: Direction East Force 1-2

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

Weather op

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears S 1 1/2 ° E (true) distant 16.4 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder A. T. T. -

SOUNDING WIRE.

8 M. Down. UP. 8 M.

8 53

8 55

FMS.

DREDGING CABLE.

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

19
Dredge } No. 5513 Date, May 7, 1914
Hydrog. }
Sdg. Mch. TR Reel TR Shot/Lead 25 lbs.
Turns 95 Cor'n Depth 51 fms.

Sdg. Cup *arming* Amt. Bot'm Sample
Character of Bottom *gy S*
Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { *54* Time *9.03 a* } Air { *55*
 { } {

Density: Surf. fms.
Wind: Direction *East* Force *1-2*
Baromet. *29.99* Amt. of Clouds *10* State of Sea *m*
Weather *op*

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality *Off Oregon Coast*

Position *Yaquina Light bears S10 1/2° E (true) distant 17.2 miles*
Chart used: No. *6000* Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *Mr. Glick* Recorder *Arakil*

SOUNDING WIRE.

A.M. DOWN. UP. A M.

9 03

9 05

FMS.

DREDGING CABLE.

M. DOWN. UP. M.

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

*Pos. and Psychrometer
checked E.C.T.
July 19, 1914*