

Hydro. 5465 ~~5465~~ 5513

May 5 - 7, 1914

Oregon Coast.

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May 5 - May 7, 1914.

Hydro. 5465 - 5513

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
P. M. Down.	Up. P. M.		M. Down.	Up.	M.
4-53-00	5-58-00	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
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		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
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		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 Clean lead (hard pan?)

Thermom. { Make Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

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

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 Boon Recorder C.E. Long

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			
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				1500			
				1600			
				1700			
				1800			
				1900			
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				2700			
				2800			
				2900			
				3000			
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				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

30

Tredge } No. 5467 Date, May 5, 1914
Hydrog. }

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

Turns 165 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. { 52° Time 6:25 } Air { 38° Time

Density: Surf. fms.

Wind: Direction N x W Force 3

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

Weather by

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. H. Long

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. DOWN.	UP.	P. M.		M. DOWN.	UP.	M.
6 23 00	6 27 00		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1500			
			1600			
			1700			
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			1900			
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			2100			
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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. 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 { 56° Time

Density: Surf. fms.

Wind: Direction N x N Force 3-4

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

Weather bz

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 6:45 P.M. Wet bulk Dry bulk 52.5 58.0

Deck Officer Ch. Ross Mahoney Recorder C.E. De Long 11-1028

SOUNDING WIRE.				FMS.	DREDGING CABLE.						
P. M. Down.		Up.	P. M.		M. Down.	Up.	M.				
6	41	00	6	45	00						
				0							
				100							
				200							
				300							
				400							
				500							
				600							
				700							
				800							
				900							
				1000							
				1100							
				1200							
				1300							
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				2700							
				2800							
				2900							
				3000							
				3100							
				3200							
				3300							
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				3900							
				4000							
				4100							
				4200							
				4300							
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				4500							
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				4700							
				4800							
				4900							

32

Hydrog. No. 5469 Date, May 5, 1914

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

Turns/63 turns Cor'n Depth 89 fms.

Sdg. Cup *winning on lead* Amt. Bot'm Sample

Character of Bottom *hard pan*

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 7:00 } Air { 55.5° Time

Density: Surf. fms.

Wind: Direction *N x E* 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 83 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 *Ch. Ross Mahony* Recorder *C. E. Long*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	P.M.		M. Down.	Up.	M.
65800	70200		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1500			
			1600			
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			1900			
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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			

37
Dredge } No. 5470 Date, May 5, 1914
Hydrog. }

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

Turns 166 Cor'n Depth 90 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. { 57.0 Time 7:20 } Air { 56.0 Time

Density: Surf. fms.

Wind: Direction N x W Force 2-3

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

Weather bz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast.

Position Yaquina Light bears 88° 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 Ch. Ross Mahoney Recorder C.E. DeLong

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P	M. DOWN.	UP.	P		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				
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				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				

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			

No. 5472 Date, May 6, 1914

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

Turns Cor'n Depth 45 fms.

Sdg. Cup Soft trap Amt. Bot'm Sample

Character of Bottom gy S and + fine gravel

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 6.55 A Air { 60

Density: Surf. fms.

Wind: Direction N.W. Force 1

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

Weather B C Z

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 52° 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 Mr Mahoney Recorder C. Clark

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

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up.		M.	Up.	M.
A					
703	705	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

4
Dredge } No. 5474 Date, May 6, 1910
Hydrog. }
Sdg. Mch. T N Reel T N Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 44 fms.

Sdg. Cup soft loop Amt. Bot'm Sample _____
Character of Bottom gy S and gravel.

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 7:12 AM Air { 60
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction 71.71.70 Force 1

Baromet. 30.05 Amt. of Clouds 6 State of Sea 5

Weather 602

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off 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: _____

Deck Officer Mr. Mahoney Recorder C. Cook

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
A 712	714		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

5

Hydrog. No. 5475 Date, May 6, 1914

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

Turns Cor'n Depth 41 fms.

Sdg. Cup soft soap Amt. Bot'm Sample

Character of Bottom wgy sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 7:19 A.M. Air { 60

Density: Surf. fms.

Wind: Direction N.W. Force 1

Baromet. 30.05 Amt. of Clouds 6 State of Sea 5

Weather bcz

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 60 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 Mr Mahoney Recorder A. Cook

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			

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
A M. Down.	Up. A M.		M. Down.	Up. M.
727	729	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.

A M. Down. Up. A M.

7 35

7 37.

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. 5478 Date, May 6, 1914
 Hydrog. }
 Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
 Turns _____ Cor'n _____ Depth 39 fms.
 Sdg. Cup Soft Scoop 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 7:41 am } Air { 61
 { _____ 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 AS Clark

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
A. M. Down.	Up. A. M.		M. Down.	Up.	M.
741	743	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
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		1800			
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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			

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			

Dredge } No. 5480 Date, May 6, 1914
Hydrog. }
Sdg. Mch. TK Reel TK Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 50 fms.

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

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

Bottom Reading _____ Cor'd Temp. _____

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

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

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

Weather Fog

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. Makony Recorder J. H. Hill

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
<i>A</i> M. Down.	Up. <i>B</i> M.		M. Down.	Up.	M.
<i>7 55</i>	<i>7 57</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 } No. 5786 Date, July 6, 1914
Hydrog. }
Sdg. Mch. T.O. Reel T.O. Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 33 fms.

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

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 8:02 a } Air { 61
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

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

Weather fog

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Coast of N. Oregon

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:
Time Wet bulk Dry bulk
8:00 AM. 53.5 57.5

Deck Officer Mr. Pipp Recorder A. T. Hill

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A.M. DOWN.		UP.	A. M.		M. DOWN.	UP.	M.	
8	02		8 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				

Dredge } No. 5482 Date, May 6, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 38 fms.
Sdg. Cup Arming Amt. Bot'm Sample _____
Character of Bottom bktn SL

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 8:10 a Air { 61
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

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

Weather tes

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off N. Oregon Coast

Position Yaquina Light bears N67°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 Mr. Pippo Recorder [Signature]

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
<u>a</u> M. Down.		Up.	<u>2</u> M.		M. Down.	Up.	M.	
8	10	8	12	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.	A. 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			

Dredge } No. 5284 Date, July 6, 1912
Hydrog. }
Sdg. Mch. TR Reel TR Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 44 82 fms.

Sdg. Cup Arriving Amt. Bot'm Sample _____
Character of Bottom Mud gy M 6 1/2 S

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 0

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

Weather Fog

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality of N. Oregon Coast

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: _____

Deck Officer Mr. Papp Recorder [Signature]

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
A. M. DOWN.	UP. A. M.		--- M. DOWN.	UP.	--- M.
8	7	0			
	8	100			
	29	200			
	30	300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
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		1700			
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		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
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		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

Dredge } No. 5483 Date, May 6, 1914
Hydrog. }Sdg. Mch. TN Reel TN Sheet Lead 25 lbs.
59

Turns _____ Cor'n _____ Depth 48 fms.

Sdg. Cup *Armaing* 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 *8:36* } Air { *61*
Time _____

Density: Surf. _____ fms. _____

Wind: Direction *Calm* Force *0*Baromet. *30.04* Amt. of Clouds *1* State of Sea *S*Weather *baz*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 *M. Pope* Recorder *Arthur*

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A. M. Down.		Up.	A. M.		--- M. Down.	Up.	--- M.	
8	36	8	39	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
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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				

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A M. DOWN.		UP. A 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.
Dredge } No. 5487 Date, May 6, 1914
Hydrog. }
Sdg. Mch. TX Reel TN Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 57 fms.
Sdg. Cup Arming Amt. Bot'm Sample _____
Character of Bottom E.S. like 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. 30.04 Amt. of Clouds 1 State of Sea S

Weather fog

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Coast of Northern Oregon

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 lines over the side. Buoy
 returned and was hoisted 11:18
 Bottom Sampler used at 11:15

Deck Officer Mr. Pippa Recorder J. Tuttle

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A M. Down.		Up. A M.			M. Down.		Up. M.	
8	55	8	58	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Sigsbee } No. 5488 Date, May 6, 1914
 Hydrog. }
 Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
 Turns _____ Cor'n _____ Depth 64 fms.
 Sdg. Cup Arming Amt. Bot'm Sample _____
 Character of Bottom fs s

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54 Time 11:30 AM Air { 53
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction S by W Force 2

Baromet. 30.05 Amt. of Clouds 9 State of Sea S

Weather bcf

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off N. Oregon Coast

Position Jacquina 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. Pippo Recorder Armit

SOUNDING WIRE.

A M. Down. | Up. A M.

11 30

11 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

'9
Dredge } No. 5489 Date, May 6, 1914
Hydrog. }
Sdg. Mch. TX Reel TX Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 61.12 fms.
Sdg. Cup Arding Amt. Bot'm Sample _____
Character of Bottom G.S. fine G

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time 11:44 a } Air { 53
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction S by W Force 2

Baromet. 30.05 Amt. of Clouds 9 State of Sea S

Weather Suf

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off N. coast of Oregon.

Position Yaquina light bears N 78 1/2° 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 J. T. Toppo Recorder Frankil -

SOUNDING WIRE.

A 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

Dredge } No. 5489 Date, May 6, 1914
 Hydrog. }
 Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
 Turns _____ 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 bef.

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 Bosn Phipps Recorder C. E. DeLong

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. Down.		Up. M.			M. Down.	Up.	M.	
11	54	11	56 00	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
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				2200				
				2300				
				2400				
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				3200				
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				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Bredge } No. 5-490 Date, May 6, 1914
Hydrog. }

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

Turns 112 Cor'n Depth 61 fms.

Sdg. Cup Arising on lead Sample

Character of Bottom gn. M.

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

Bottom Reading Cor'd Temp.

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

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 Oregon 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 Boen Pippa Recorder C. E. De Long

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						
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					2800						
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					3700						
					3800						
					3900						
					4000						
					4100						
					4200						
					4300						
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					4500						
					4600						
					4700						
					4800						
					4900						

22 St

Hydrog. No. 5492 Date, May 6, 1914

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

Turns 115 Cor'n Depth 62 fms.

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

Character of Bottom

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

Bottom Reading Cor'd Temp.

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

Density: Surf. fms.

Wind: Direction SxSW Force 2-4

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

Weather bc of

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

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: Lowered two dories at 12:26, 2 fishermen in each made double bank set. Toid dory returned at 1:54, aft at 3°. Line broken off at about 3 feet from anchor, ford boat.

Time 1:00 P.M. Wet bulb 57.4 Dry bulb 53.0

Deck Officer Ben Pippo Recorder C.E. DeLong and Ben Slick

SOUNDING WIRE.			FMS.	DREDGING CABLE		
P. M. DOWN.	UP.	P. M.		P. M. DOWN.	UP.	P. M.
12 26 00	12 25 00		0	1 40 00	1 49 00	
			100	1 41 35	1 47 10	
			200			
			300	Lowered to 110 meters		
			400	meters		
			500			
			600	(Sounding for above)		
			700			
			800			
			900			
			1000	122 meters		
			1100	Tripped		
			1200	Temp. 17.3°		
			1300			
			1400			
			1500	Stem test		
			1600	(No mercury in stem)		
			1700			
			1800			
			1900	Albatross bottom sampler		
			2000			
			2100			
			2200	3 02 25	3 04 10	
			2300	3 02 47	3 02 50	
			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			

~~Second sounding~~
1 35 00
~~122 meters~~

23
Dredge } No. 5493 Date, May 6, 1910
Hydrog. }
Sdg. Mch. T N Reel T N Shot Lead 25 lbs.
139

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
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction SE x S 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 Off Oregon Coast

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 Mr Mahoney Recorder C. Clark
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			

24
Dredge } No. 5494 Date, May 6, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot } lbs. 135
Lead }
Turns _____ Cor'n _____ Depth 72 fms.

Sdg. Cup soft soup Amt. Bot'm Sample _____
Character of Bottom fine Blk sand

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 57 Time 5:33 P } Air { 53
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction SE x S 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 Off Oregon coast

Position Yaquina Light bears S 88 1/2° E (true) distant 13.9 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 C. Clark

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5	33		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
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			2000			
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			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			

Dredge No. 5495 Date, May 7, 19
Hydrog. No. TN Shot 25 lbs.
Sdg. Mch. TN Reel TN Lead 96 fms.
Turns Cor'n Depth 52 96 fms.
Sdg. Cup Soft soup 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 4:40am } Air { 54
 { } {

Density: Surf. fms.

Wind: Direction E Force 2

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

Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon Coast

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 The Tippo Recorder C. Clark
11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

A M. Down. | Up. | M.

M. Down. | Up. | M.

4 40

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

SOUNDING WIRE.

FMS.

DREDGING CABLE.

A M. Down. Up. M.

M. Down. Up. M.

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

SOUNDING WIRE.

FMS.

DREDGING CABLE.

A M. Down. Up. A M.

M. Down. Up. M.

5 09

5 11

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

SOUNDING WIRE.

M. Down.	Up.	M.
5 30	5 33	

FMS.

DREDGING CABLE.

M. Down.	Up.	M.

0				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				
1100				
1200				
1300				
1400				
1500				
1600				
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2800				
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3200				
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3600				
3700				
3800				
3900				
4000				
4100				
4200				
4300				
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4500				
4600				
4700				
4800				
4900				

5
Dredge } No. 5499 Date, May 7, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 65 120 fms.

Sdg. Cup soft soup Amt. Bot'm Sample _____
Character of Bottom waxy sand

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 5:41a } Air { 54
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction E Force 2

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

Weather b c m

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

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 Ma Pippo Recorder C. Cook

SOUNDING WIRE.

SOUNDING WIRE.	
M. Down.	Up. M.
H	A
5 41 30	5 43

FMS.

DREDGING CABLE.

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. 5500 Date, May 7, 1914
Hydrog. }
Sdg. Mch. T N Reel T N Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 67 1/2 fms.
Sdg. Cup Siphon cup - Amt. Bot'm Sample _____
Character of Bottom Hard Bottom

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

Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 50 Time 5:05 Air { 54
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction E Force 2

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

Weather bc m

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Yaquina light bears S61 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 AM. net bulk Dry bulk 50.5 53.0

Deck Officer M Piffero Recorder C L Cook
11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A. M. Down.		Up.	M.		M. Down.	Up.	M.	
5	55	5	58	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
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				1800				
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				2200				
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				2400				
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				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

7
Dredge. } No. 5569 Date, May 7, 1914
Hydrog. }
Sdg. Mch. T N Reel T N Shot Lead 25 lbs.
Turns _____ Cor'n _____ Depth 69 127 fms.

Sdg. Cup Soft sraf Amt. Bot'm Sample _____
Character of Bottom White sand

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 6:10a } Air { 52
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction E Force 2

Baromet. 29.98 Amt. of Clouds 7 State of Sea 21

Weather bc 71

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

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: _____

Deck Officer Mr. Piffa Recorder C. Clark

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			

8
Dredge } No. 5502 Date, May 7, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns _____ Cor'n _____ Depth 71 130 fms.

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

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

Temp. Surf. { 50 Time 6:25 a } Air { 54
 { _____ Time _____ } _____

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

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

Weather bc M

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

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 Mr Piffero Recorder Ch Cook
11-1023

SOUNDING WIRE.

DREDGING CABLE.

FMS.

A M. DOWN.

UP. A M.

M. DOWN.

UP.

M.

6 25

6 28

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A	M. Down.	Up.	M.		M. Down.	Up.	M.	
6	41	6	43	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. 5504 Date, May 7, 1914
 Hydrog. }
 Sdg. Mch. TN Reel TN Shot 25 lbs.
 Lead 131
 Turns _____ Cor'n _____ Depth 71 fms.
 Sdg. Cup Soft soap Amt. Bot'm Sample _____
 Character of Bottom Hard

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 6:55 A Air { 52
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction SEXE Force 2

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

Weather bc m

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Yaquina Light bears S 4 3/4 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 Mr Piffro Recorder Ch Cook

SOUNDING WIRE.

A	M. Down.	Up.	A	M.
	6 55		16	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

11

Dredge No. 5505 Date, May 7, 1914
 Hydros. No. _____
 Sdg. Mch. TIV Reel TN Shot 25 lbs.
 Lead 131
 Turns _____ Cor'n _____ Depth 71 fms.
 Sdg. Cup Soft soap Amt. Bot'm Sample _____
 Character of Bottom Hard

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 7:09 A } Air { 54 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction SE x E Force 2

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

Weather bc m

Direction and Force of Current { Surface _____
 Bottom _____

Tide _____

General Locality Off Oregon Coast

Position Yaquina Light bears S40°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: _____

Deck Officer Mr Pippo Recorder Clark

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
A						
7 09	7 12		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			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			

12
Dredge } No. 5506 Date, May 7, 1914
Hydrog. }
Sdg. Mch. T IV Reel TN Shot 25 lbs.
Lead 125

Turns _____ Cor'n _____ Depth 68 fms.
Sdg. Cup soft soap Amt. Bot'm Sample _____
Character of Bottom very sand

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

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 7:09 A } Air { 52
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction SE x E Force 2

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

Weather bc m

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 M. Pizzo Recorder C. Clark
11-1023

SOUNDING WIRE.

M. Down.		Up.	M.	
7	25	7	28	

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.

7 40

7 42

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.				FMS.	DREDGING CABLE.		
A. M. Down.	Up.	A. M.	--- M. Down.		Up.	--- M.	
7	57	8	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			

15.

Dredge } No. 5509 Date, May 7, 1914
Hydrog. }

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

Turns 102 Cor'n Depth 55 fms.

Sdg. Cup Arriving 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 8:09a } Air { 54 Time

Density: Surf. fms.

Wind: Direction SE by E Force 2

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

Weather o

Direction and Force of Current { Surface Bottom

Tide

General Locality Of 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 Mr. Glick Recorder Smith

SOUNDING WIRE.

DREDGING CABLE.

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up.		M.	Up.	M.
8	09	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

Dredge } No. 5510 Date, May 7, 1914
Hydrog. }

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

Turns 101 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 8:24 a } Air { 54
 { { { {

Density: Surf. fms.

Wind: Direction SE by E Force 3

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

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:

Deck Officer Mr. Glick Recorder Ataki

SOUNDING WIRE.

M. Down.	Up.	M.
8 24	8 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

17
Tredge } No. 5544 Date, May 7, 1914
Hydrog. }

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

Turns 110 Cor'n _____ Depth 60 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 8.37 AM } Air { 54
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction East Force 1-2

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

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. Glick Recorder A. H. H. -

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
A. M. Down.	Up. A. M.		M. Down.	Up.	M.
9 37	8 40	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

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

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

Turns 97 Cor'n Depth 50 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 8.53 2 } Air { 55 Time

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. H. H. -

SOUNDING WIRE.

M. Down.	Up.	M.
8 53		
	8 55	

FMS.

DREDGING CABLE.

M. Down.	Up.	M.

8 53

8 55

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. TK Reel TK Shot Lead 25 lbs.
Turns 95 Cor'n Depth 51 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom gy S

Thermom. { Make Cor'n { Instr. Stem.
No. }
Bottom Reading Cor'd Temp.
Temp. Surf. { 54 Time 9.03 a Air { 55
Time }
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 A. A. Kil

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