H5775

~~Dredge~~ Hydrog. No. H5775 Date, July 9, 1915

Sdg. Mch. Electric Reel E1 ~~Shot~~ Lead 30 lbs.

Turns 110 Cor'n Depth 60 fms.

Sdg. Cup arming (Sft. Soap) Amt. Bot'm Sample — Lost lead

Character of Bottom — Lost lead

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 7:37 a Time Air 60°

Density: Surf. — fms.

Wind: Direction Westerly Force 2

Baromet. 30.07 Amt. of Clouds 9 State of Sea 9

Weather Rr

Direction and Force of Current. Surface Bottom

Tide —

General Locality Off Columbia River

Position North Head bears N 56° E (true) distant 12.8 miles

Chart used: No. 6100 Ed'n 6

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Lost lead just as it was at the rail, coming up.

E 55 turns, Meter 110; actual 60 fms.

Deck Officer Mr. Glick Recorder J T Wiki

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
[illegible] M.	DOWN.		UP.	[illegible] M.			---- M.	DOWN.		UP.	---- M.	
7	35	10	7	36	50	0						
7	35	50	7	36	00	~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3200						
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						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5776 Date, July 9, 1915

Sdg. Mch. Electric Reel El. ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 68 fms.

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

Character of Bottom fn gn. S.

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

Bottom Reading — Cor'd Temp. —

Temp. Surf. 54° Time 8:05 Time Air 62

Density: Surf. fms.

Wind: Direction Ibest Force 1-2

Baromet. 30.08 Amt. of Clouds 9 State of Sea S

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Mouth of Columbia River

Position North Head bears N67°E (true) distant 13.4 miles

Chart used: No. 6100 Ed'n

Drift: Direction — Distance —

Depth of Haul —

Apparatus and Rig used —

Time towing h. m.

Remarks: E 60 fms; Meter wheel 124; = 68 fms.

Deck Officer M Glick Recorder C.E.H. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M.	Down.		Up.	A. M.			---- M.	Down.		Up.	---- M.	
7	57	00	7	58	00	0						
7	57	30	7	57	30	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3000						
						3100						
						3200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5777 Date, July 9, 1915

Sdg. Mch. Electric Reel El. ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 140 fms.

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

Character of Bottom hd.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 8:20 Time Air 61°

Density: Surf. fms.

Wind: Direction Sbest Force 1-2

Baromet. 30.08 Amt. of Clouds 9 State of Sea S

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Mouth of Columbia River

Position North Head bears N 78° E (true) distant 14.5 miles

Chart used: No. 6100 Ed'n 2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E. 130 fms; Meter wheel 257 = 140 fath

Deck Officer M. Shepley Recorder C. E. L. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
@ M.	DOWN.		UP.	@ M.			---- M.	DOWN.		UP.	---- M.	
8	18	10	8	20	50	0						
8	18	50	8	19	30	100						
8	19	00	8	19	00	130 200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. H 5778 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec. ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth ✓ 96 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample ✓

Character of Bottom hard

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 8:48 Time Air 64

Density: Surf. fms.

Wind: Direction West Force 2

Baromet. 30:08 Amt. of Clouds 7 State of Sea L

Weather b c

Direction and Force of Current. Surface Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears N 86½° E (true) distant 15.8 miles

Chart used: No. 6100 Ed'n 5

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 87 fms. Meter wheel 176 = 96 fms

Deck Officer M. Shepley Recorder C E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.	M.	Down.	Up.	A.	M.		___	M.	Down.	Up.	___	M.
8	43	30	8	45	15	0						
8	44	10	8	44	10	87 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. H 5779 Date, July 9, 1915

Sdg. Mch. Electric Reel Elf Shot Lead 30 lbs.

Turns Cor'n Depth 77½ fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom Green sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 8:58 Time Air 65

Density: Surf. fms.

Wind: Direction West Force 2

Baromet. 30.09 Amt. of Clouds 7 State of Sea 2

Weather fog.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears N 89½° E (true) distant 16.5 miles

Chart used: No. 6100 Ed'n 2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 69 fms. Meter wheel 142 = 77½ fms

Deck Officer H Shipley Recorder A E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.	M.	Down.		Up. A.	M.		----	M.	Down.		Up. ----	M.
8	53	10		8 54	30	0						
8	53	40		8 53	40	69 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. H 5780 Date, July 9th, 1915

Sdg. Mch. Electric Reel Elf Shot Lead 30 lbs.

Turns ____ Cor'n ____ Depth 74½ fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample ____

Character of Bottom (hard) fine gry S

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 55° Time 9.06 Time ____ Air 66°

Density: Surf. ____ fms. ____

Wind: Direction West Force 2-3

Baromet. 30.09 Amt. of Clouds 7 State of Sea 2

Weather bc

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Off mouth Columbia River

Position North Head bears S88°E (true) distant 17.2 miles

Chart used: No. 6100 Ed'n 168

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: E 67 fms, Meter wheel 136 = 74½ fms

Deck Officer H. Shepley Recorder C E Barker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.	A	M.		___	M. Down.		Up.		___ M.
9	22	40	9	04	05	0						
9	03	12	9	03	12	67 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. H5781 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 74 1/2 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom (black sand) fne gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 55° Time 9:16 / Time } Air { 66°

Density: Surf. fms.

Wind: Direction West Force 2-3

Baromet. 30:09 Amt. of Clouds 7 State of Sea L

Weather bc

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears S85°E (true) distant ~~78.1~~ miles

Chart used: No. 6100 Ed'n 17.8

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 67 fms; Meter wheel 136 = 74 1/2 fms

Deck Officer M. Shepley Recorder C E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A M.			___ M.	DOWN.		UP.	___ M.	
9	12	38	9	14	01	0						
9	13	11	9	13	11	67 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1600						
						1700						
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						1900						
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						3500						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. H5782 Date, July 9, 1915

Sdg. Mch. Electric Reel Teleg Shot / Lead 30 lbs.

Turns Cor'n Depth 76½ fms.

Sdg. Cup Armour (soft top) Amt. Bot'm Sample

Character of Bottom Black sand + rock fragments

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

Bottom Reading Cor'd Temp.

Temp. Surf. 55° Time 9:27 Time Air 65°

Density: Surf. fms.

Wind: Direction West Force 2-3

Baromet. 30.09 Amt. of Clouds 7 State of Sea 2

Weather b c

Direction and Force of Current. Surface Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears S82½°E (true) distant 18.8 miles

Chart used: No. 6100 Ed'n 7

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 68½ fms, Meter wheel 140 = 76½ fms

Deck Officer Mr Shepley Recorder L E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M.	Down.		Up.	A. M.			---- M.	Down.		Up.		---- M.
9	22	00	9	28	00	0						
9	22	40	9	22	40	68/100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. H5783 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec Shot Lead 30 lbs.

Turns Cor'n Depth 77½ fms.

Sdg. Cup Arming (soft mud) Amt. Bot'm Sample

Character of Bottom Lost arming

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

Bottom Reading Cor'd Temp.

Temp. Surf. 55° Time 9:37 Time Air 65°

Density: Surf. fms.

Wind: Direction West Force 2-3

Baromet. 30.09 Amt. of Clouds 7 State of Sea 2

Weather Rz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears S80½°E (true) distant 19.6 miles

Chart used: No. 6100 Ed'n 4

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 71 fms, Meter wheel 142 = 77½ fms

Lost arming

Deck Officer Mr Shepley Recorder L E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.		A M.		___ M.	DOWN.		UP.		___ M.
9	32	40	9	34	05	0						
9	33	15	9	33	15	70/m 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. H5784 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 81 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom (Coarse black sand) fine gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 55° Time 9:47 / Time } Air { 65°

Density: Surf. fms.

Wind: Direction West Force 2

Baromet. 30:09 Amt. of Clouds 7 State of Sea L

Weather b.c.

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears S 79°E (true) distant 20.5 miles

Chart used: No. 6100 Ed'n 2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 72½ fms; Meter wheel 148 = 81 fms

Deck Officer Mr. Shepley Recorder C E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.		Down.	Up.	A M.			---- M.		Down.	Up.	---- M.	
9	43	01	9	44	28	0						
9	43	30	9	43	32	72 1/2 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. } No. H5785 Date, July 9, 1915

Sdg. Mch. Electric Reel Elf Shot / Lead } 30 lbs.

Turns Cor'n Depth 85½ fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom Coarse black sand fine grey S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 55° Time 9:57 / Time } Air { 64° / }

Density: Surf. fms.

Wind: Direction West Force 1-2

Baromet. 30.08 Amt. of Clouds 6 State of Sea 2

Weather bx

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off mouth Columbia River

Position North Head bears S 76½° E (true) distant 21.3 miles

Chart used: No. 6100 Ed'n 0

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E. 76½ fms. Meter wheel 156 = 85½ fms

Deck Officer Mr. Shepley Recorder L. E. Parker

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.	M.	Down.	Up.	A.	M.		----	M.	Down.	Up.	----	M.
9	52	23	9	53	57	0						
9	52	58	9	53	00	76 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						4000						
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						4200						
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						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. } No. H5786 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec Shot / Lead 30 lbs.

Turns Cor'n Depth 135 fms.

Sdg. Cup Arming (soft cup) Amt. Bot'm Sample

Character of Bottom Coarse, black sand fine gravel

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

Bottom Reading 10 Cor'd Temp.

Temp. Surf. { 55° Time 9:07 / Time } Air { 64° / }

Density: Surf. fms.

Wind: Direction West Force 1-2

Baromet. 30.08 Amt. of Clouds 6 State of Sea 2

Weather Clear

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off mouth Columbia River

Position North Head bears S 75° E (true) distant 222 miles

Chart used: No. 6100 Ed'n 2-17

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 124 fms; Meter wheel 247 = 135 fms

Deck Officer Mr. Shipley Recorder C E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				M. Down.			Up. M.		
10	02	53	10	04	13	0						
10	02	20	10	03	54	100						
10	03	30	10	03	30	124 ~~200~~						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3900						
						4000						
						4100						
						4200						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. H5787 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 88 1/2 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom black sand fine gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 55° Time 10:24 Time Air 65°

Density: Surf. fms.

Wind: Direction West Force 1-2

Baromet. 30:08 Amt. of Clouds 6 State of Sea 2

Weather b.c

Direction and Force of Current. Surface Bottom

Tide

General Locality Offmouth Columbia River

Position North Head bears S 72° E (true) distant 20.8 miles

Chart used: No. 6100 Ed'n 5

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks E 77 fms; Meter wheel 162 = 88 1/2 fms

Deck Officer Mr Shepley Recorder C E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M.	Down.		Up.	A. M.			___ M.	Down.		Up.	___ M.	
10	19	40	10	21	12	0						
10	20	10	10	20	10	77 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. H5788 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 87 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom black sand fine m^s

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

Bottom Reading Cor'd Temp.

Temp. Surf. 56° Time 10:34 Time Air 65°

Density: Surf. fms.

Wind: Direction West Force 1

Baromet. 30:08 Amt. of Clouds 6 State of Sea L

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears S ~~72~~ 71 3/4° E (true) distant ~~19.1~~ 18.8 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 73 1/2 fms. Meter wheel 159 = 87 fms

Deck Officer Mr Shepley Recorder C E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M. Down.			Up.	A. M.			___ M. Down.			Up.	___ M.	
10	29	00	10	30	40	0						
10	29	40	10	29	40	73½ 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. 45789 Date, July 9, 1915

Sdg. Mch. Electric Reel Elect Shot / Lead 30 lbs.

Turns Cor'n Depth 85 1/2 fms.

Sdg. Cup Arming (softmix) (tallow out) Amt. Bot'm Sample

Character of Bottom fine (black) sand gry

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

Bottom Reading Cor'd Temp.

Temp. Surf. 56° Time 10:43 Time Air 65°

Density: Surf. fms.

Wind: Direction West Force 1

Baromet. 30.08 Amt. of Clouds 6 State of Sea 2

Weather f. c.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears S 71 1/2° E (true) distant 17.8 miles

Chart used: No. 6100 Ed'n 4

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks E 76 fms Meter wheel 156 85 1/2 fms

Tallow in Arming washed out.

Deck Officer Mr Shipley Recorder C. E. Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M.	Down.	Up.	A	M.		___	M.	Down.	Up.	___	M.
10	38	18	10	39	50	0						
10	38	50	10	38	50	76 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
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						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. H 5790 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 69 1/2 fms.

Sdg. Cup Arming (tallow) (soft soap) Amt. Bot'm Sample

Character of Bottom fine black sand gn M, fne gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 56° Time 11:07 / Time } Air { 65°

Density: Surf. fms.

Wind: Direction West Force 1

Baromet. 30:08 Amt. of Clouds 5 State of Sea 2

Weather b. c.

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears S71°E (true) distant 14.~~6~~ 2 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E57 fms; Meter wheel 127 = 69 1/2 fms

Deck Officer Mr. Shepley Recorder C E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A M.			___ M.	DOWN.		UP.	___ M.	
11	03	23	11	04	30	0						
11	03	50	11	05	50	57 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. H 5791 Date, July 9, 1915

Sdg. Mch. Electric Reel Self Shot / Lead 30 lbs.

Turns Cor'n Depth 50½ fms.

Sdg. Cup Arming 5 tallow and 2 soft soap Amt. Bot'm Sample

Character of Bottom gy Mud - fine (black) sand - (rocks) gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. 56° Time 11:35 Time Air 66°

Density: Surf. fms.

Wind: Direction West Force 1

Baromet. 30.08 Amt. of Clouds 5 State of Sea 2

Weather b c

Direction and Force of Current. Surface Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears S 70° E (true) distant 11.8 miles

Chart used: No. 6100 Ed'n 5

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 4½ fms: dieter wheel 92 = 50½ fms

Deck Officer Mr Shepley Recorder C E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.	A	M.		___	M. Down.		Up.	___	M.
11	31	45	11	32	40	0						
11	32	05	11	32	05	44/~~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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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ / Hydrog. No. H 5792 Date, July 9, 1915

Sdg. Mch. Electric Reel Elect ~~Shot~~ / Lead 30 lbs.

Turns ____ Cor'n ____ Depth 217.5 fms.

Sdg. Cup Arming (tallow + soft rock) Amt. Bot'm Sample ____

Character of Bottom Black sand fine gy S

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 56° Time 12:36 / Time ____ Air 66° / ____

Density: Surf. ____ ____ fms. ____

Wind: Direction West Force 2

Baromet. 30.10 Amt. of Clouds 5 State of Sea 2

Weather hz.

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Offmouth Columbia River

Position North Head bears N 84° E (true) distant 138 miles

Chart used: No. 6100 Ed'n 6

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: E 202 fms; Meter wheel 398 = 217.5 fms

Deck Officer Mr Cassidy Recorder L C Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.	P	M.		----	M. Down.		Up.	----	M.
12	29	35	12	33	35	0						
12	30	10	12	32	20	100						
12	30	58	12	31	03	200						
12	31	00	12	31	00	202 ~~300~~						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
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						3200						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. H5793 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec Shot Lead 30 lbs.

Turns Cor'n Depth 218 fms.

Sdg. Cup Arming (tallow and soft soap) Amt. Bot'm Sample

Character of Bottom (hard bottom) fine sand S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 56° Time 12:47 Time Air 66°

Density: Surf. fms.

Wind: Direction West Force 2

Baromet. 30.10 Amt. of Clouds 5 State of Sea L

Weather f. c.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears N 82° E (true) distant 14.7 miles

Chart used: No. 6100 Ed'n 3

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 206 fms; Meter wheel 299 = 218 fms

Deck Officer M. Cassidy Recorder A E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	M.			____ M. Down.			Up.	____ M.	
12	42	05	12	45	10	0						
12	42	40	12	44	00	100						
12	43	85	12	43	42	200						
12	43	38	12	43	38	206 300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. H5794 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec Shot Lead 30 lbs.

Turns Cor'n Depth 241½ fms.

Sdg. Cup Arming {tallow and soft soap} Amt. Bot'm Sample

Character of Bottom (hard bottom) clean lead

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

Bottom Reading Cor'd Temp.

Temp. Surf. 56° Time 12:59 Time Air 66°

Density: Surf. fms.

Wind: Direction West Force 2

Baromet. 30:10 Amt. of Clouds 5 State of Sea L

Weather b.c.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears N 79° E (true) distant 15.5 miles

Chart used: No. 6100 Ed'n 3

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 231 fms. Meter wheel 442 = 241½ fms.

Deck Officer Mr Cassidy Recorder C E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.		P. M.		---- M. Down.			Up.		---- M.
12	53	00	12	57	24	0						
12	53	35	12	56	20	100						
12	54	18	12	55	00	200						
12	54	35	12	54	35	~~300~~						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. H 5795 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 248 fms.

Sdg. Cup Arming { ~~tallow mud~~ soft soap } Amt. Bot'm Sample

Character of Bottom Green mud, fine gyS

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 56° Time 1:23 / Time } Air { 65° }

Density: Surf. fms.

Wind: Direction West SW Force 2

Baromet. 30:10 Amt. of Clouds 5 State of Sea L

Weather b. c.

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off mouth Columbia River

Position North Head bears N 80° E (true) distant 16.5 miles

Chart used: No. 6100 Ed'n 2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 238 turns Meter wheel 454 = 248 fms

Deck Officer Mr. Cassidy Recorder C E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	---- M. Down.		Up.	P	---- M.		---- M. Down.			Up.		---- M.
1	16	80	1	21	15	0						
1	17	05	1	19	50	100						
1	17	45	1	18	45	200						
1	18	05	1	18	05	238 800						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
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						1600						
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						3900						
						4000						
						4100						
						4200						
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						4800						
						4900						

Dredge / Hydrog. No. H5796 Date, July 9, 1915

Sdg. Mch. Electric Reel Peled Shot / Lead 30 lbs.

Turns Cor'n Depth 111 fms.

Sdg. Cup Arming Tallow and soft soap Amt. Bot'm Sample

Character of Bottom fine (Green) sand gry

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

Bottom Reading Cor'd Temp.

Temp. Surf. 56° Time 1:49 Time Air 64°

Density: Surf. fms.

Wind: Direction West S.W. Force 3

Baromet. 30.09 Amt. of Clouds 6 State of Sea 2

Weather b. c. g

Direction and Force of Current. Surface Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears N 85° E (true) distant 17.8 miles

Chart used: No. 6100 Ed'n 6

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks E. 10 fms Meter wheel 203 = 111 fms

Deck Officer Mr Cassidy Recorder L. L. Baker

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M.	Down.	Up.	P.	M.		----	M.	Down.	Up.	----	M.
1	39	05	1	41	13	0						
1	39	40	1	39	?	100						
1	39	41	1	39	41	~~200~~ 101.5						
						300						
						400						
						500						
						600						
						700						
						800						
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						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

Dredge / Hydrog. No. H5797 Date, July 9, 1915

Sdg. Mch. Electric Reel Lead Shot Lead 30 lbs.

Turns Cor'n Depth 78½ fms.

Sdg. Cup Arming {Tallow and soft soap} Amt. Bot'm Sample

Character of Bottom gy Mud - fine (black gy) sand; blk Specks

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

Bottom Reading Cor'd Temp.

Temp. Surf. {56° Time 1:59 / Time} Air {65° / }

Density: Surf. fms.

Wind: Direction West & W Force 3

Baromet. 30.09 Amt. of Clouds 6 State of Sea 2

Weather b.c. g.

Direction and Force of Current. {Surface / Bottom}

Tide

General Locality Off mouth Columbia River

Position North Head bears N 88° E (true) distant 18.6 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 71 fms Meter Wheel 144 = 78 fms

Deck Officer Mr Cassidy Recorder L C Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	DOWN.		UP.		M.		___ M.	DOWN.		UP.		___ M.
1	50	05	1	51	35	0						
1	50	40	1	50	40	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
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						1700						
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Dredge / Hydrog. No. 45798 Date, July 9, 1915

Sdg. Mch. Electric Reel Elf Shot Lead 30 lbs.

Turns Cor'n Depth 81½ fms.

Sdg. Cup Armington & Sharp Amt. Bot'm Sample

Character of Bottom fine (black) sand, blk Sp gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 56° Time 2:05 / Time } Air { }

Density: Surf. fms.

Wind: Direction S West. Force 3

Baromet. 30.11 Amt. of Clouds 5 State of Sea 2

Weather b c 3

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off mouth Columbia River

Position North Head bears N 88½° E (true) distant 19.6 miles

Chart used: No. 6100 Ed'n 2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks E. 68½ fms, Meter wheel 149 = 81½ fms

Deck Officer Mr Cassidy Recorder C E Barker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P— M.	DOWN.		UP.	P—	M.		—— M.	DOWN.		UP.		—— M.
2	01	21	2	02	45	0						
2	01	50	2	01	50	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4900						

~~Dredge~~ Hydrog. } No. H5799 Date, July 9, 1915

Sdg. Mch. Electric Reel Elv ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 77½ fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom (blk S.) fm gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 56° Time 2:15 / Time } Air { 66°

Density: Surf. fms.

Wind: Direction S.W. Force 3

Baromet. 30.11 Amt. of Clouds .4 State of Sea S

Weather bcz

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Mouth of Columbia River

Position North Head bears N87°E (true) distant 20.2 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E. 69 fms; Meter wheel 142 = 77½ fm

Deck Officer Mr Cassidy Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M.	Down.	Up.	P.	M.		____	M.	Down.	Up.	____	M.
2	13	00	2	14	20	0						
2	13	20	2	13	20	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5800 Date, July 9, 1925

Sdg. Mch. Electric Reel El. ~~Shot~~ Lead 30 lbs.

Turns ____ Cor'n ____ Depth 79 fms.

Sdg. Cup Canning (salt scoop) Amt. Bot'm Sample ____

Character of Bottom blk L.

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 56° Time 2:29 Time ____ Air 65°

Density: Surf. ____ fms. ____

Wind: Direction S.W. Force 3

Baromet. 30.11 Amt. of Clouds 4 State of Sea L

Weather hzy

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Off Mouth of Columbia River

Position North Head bears N 86½° E (true) distant 21.0 miles

Chart used: No. 6100 Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: E. 70 fms, Meter wheel 146 = 79 fms.

Deck Officer Mr Cassidy Recorder C.E. De Long

11—1923

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			---- M. Down.			Up.	---- M.	
2	23	00	2	23	30	0						
2	23	25	2	23	25	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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~~Dredge~~ Hydrog. No. 5-601 Date, July 9, 19 15

Sdg. Mch. Electric Reel El. ~~Shot~~ Lead 30 lbs.

Turns ____ Cor'n ____ Depth 83½ fms.

Sdg. Cup Arming (soft mud) Amt. Bot'm Sample ____

Character of Bottom blk S.

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 56° Time 2.36 P Time ____ Air 65°

Density: Surf. ____ fms.

Wind: Direction S.W. Force 3

Baromet. 30.11 Amt. of Clouds 4 State of Sea L

Weather hazy.

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Off Mouth of Columbia River

Position North Head bears N 86½° E (true) distant 22.8 miles

Chart used: No. 6100 Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: El. 74 fms; Meter wheel 153 = 83½ fms.

Deck Officer Mr Cassidy Recorder C. L. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	DOWN.		UP.	P M.			---- M.	DOWN.		UP.	---- M.	
2	33	05	2	34	35	0						
2	33	30	2	33	30	100						
						200						
						300						
						400						
						500						
						600						
						700						
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~~Dredge~~ Hydrog. No. H 5402 Date, July 9, 1915

Sdg. Mch. Electric Reel Elec Shot Lead 30 lbs.

Turns Cor'n Depth 204½ fms.

Sdg. Cup Arming (slt sap) Amt. Bot'm Sample

Character of Bottom (blue) M. fer

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

Bottom Reading Cor'd Temp.

Temp. Surf. 56° Time 2.50 P Time Air 66°

Density: Surf. fms.

Wind: Direction S.W. Force 3

Baromet. 30.11 Amt. of Clouds 5- State of Sea 2

Weather hez

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Mouth of Columbia River

Position North Head bears N86½°E (true) distant 23.0 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: El. 191 fms; Meter wheel 374 = 204 fms.

Deck Officer Mc Cassidy Recorder A.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P	M.		---- M.	Down.		Up.	----	M.
2	43	30	2	47	45	0						
2	44	30	2	46	30	100						
2	45	10	2	45	15	19 200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						4000						
						4100						
						4200						
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						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5803 Date, July 9, 1915

Sdg. Mch. Elect Reel El ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 84 fms.

Sdg. Cup Arming (sft Soap) Amt. Bot'm Sample

Character of Bottom fm blk S.

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 56° Time 3:15 P / Time } Air { 69° }

Density: Surf. fms.

Wind: Direction S.W. Force 2

Baromet. 30.10 Amt. of Clouds .4 State of Sea L

Weather bcz

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off Mouth of Columbia River

Position North Head bears S 88° E (true) distant 22.6 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: El 74 fms; Meter wheel 154 = 84 fms.

Deck Officer Mr. Cassidy Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M.	Down.	Up.	P.	M.		----	M.	Down.	Up.	----	M.
3	12	40	3	14	20	0						
3	13	10	3	13	18	7/ ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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~~Dredge~~ Hydrog. } No. H 5804 Date, July 9, 1915

Sdg. Mch. Elect Reel El ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 82 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fne (hd) blk S. 1 Sh

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 56° Time 3:43 P / Time } Air { 68° }

Density: Surf. fms.

Wind: Direction N.S.W. Force 2

Baromet. 30.10 Amt. of Clouds 4 State of Sea L

Weather bcg.

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality Off mouth of Columbia River

Position North Head bears S80°E (true) distant 21.8 miles

Chart used: No. 6100 Ed'n 5

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: El. 73 fms; Meter wheel 150 = 82 fms

Deck Officer Mr. Cassidy Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M.	Down.	Up.	P.	M.		----	M.	Down.	Up.	----	M.
3	38	40	3	40	15	0						
3	39	10	3	39	15	73 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4000						
						4100						
						4200						
						4300						
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						4800						
						4900						

X

~~Dredge~~ Hydrog. } No. H 5805 Date, July 9, 1915

Sdg. Mch. Elect Reel El ~~Shot~~ Lead } 30 lbs.

Turns Cor'n Depth 292 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom No bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 56° Time 4:35 / Time } Air { 69°

Density: Surf. fms.

Wind: Direction N. S. W. Force 2

Baromet. 30:09 Amt. of Clouds 4 State of Sea 2

Weather b. c. g

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Mouth of Columbia River

Position North Head bears S 66½° E (true) distant 22.~~7~~ 6 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: El 284 fms; Meter wheel 5 34 = 292 fms.

No bottom.

Deck Officer Mr Glick Recorder G E Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			---- M.	Down.		Up.	---- M.	
4	26	30	4	32	10	0						
4	27	00	4	31	00	100						
4	27	45	4	29	40	200						
4	28	20	4	28	30	284 ~~300~~						
						400						
						500						
						600						
						700						
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Dredge / Hydrog. No. H5806 Date, July 9, 1915

Sdg. Mch. Electrical Reel Elec Shot / Lead 30 lbs.

Turns Cor'n Depth No bottom fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom No bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 56° Time 5:20 P / Time Air 68°

Density: Surf. fms.

Wind: Direction W.S.W. Force 2

Baromet. 30.09 Amt. of Clouds 4 State of Sea L

Weather bcz

Direction and Force of Current. Surface / Bottom

Tide

General Locality Off mouth Columbia River

Position North Head bears S53½° E (true) distant 25.5 mile

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: E 283 fms Meter wheel 531 = 290.5 fms.

No bottom

Deck Officer Mr Glick Recorder C. E. Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M. Down.		Up.	P.	M.		M. Down.			Up.		M.
5	12	11	5	17	50	0						
5	12	48	5	16	35	100						
5	13	31	5	15	20	200						
5	14	10	5	14	10	25 300						
						400						
						500						
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~~Dredge~~ Hydrog. No. 5807 Date, July 20, 1915

Sdg. Mch. Elect Reel H. ~~Shot~~ Lead 35 lbs.

Turns Cor'n Depth 46 fms.

Sdg. Cup Arming (Sft. Soap) Amt. Bot'm Sample

Character of Bottom Crs. G.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 8:25 a Time Air 62°

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.12 Amt. of Clouds 8 State of Sea C

Weather Hz.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Grays Harbor, Wn.

Position Grays Harbor Light bears S67°E (true) distant 17 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
[illegible] M. Down.			Up.	[illegible] M.			---- M. Down.			Up.	---- M.	
8	22	15	8	24	30	0						
8	23	30	8	23	35	46 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4900						

(2)

~~Dredge~~ / Hydrog. No. 5808 Date, July 20, 1915

Sdg. Mch. Elect Reel El. ~~Shot~~ / Lead 35 lbs.

Turns ____ Cor'n ____ Depth 49½ fms.

Sdg. Cup Arming (Stk. Soap) Amt. Bot'm Sample ____

Character of Bottom (Co) G.

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 52° Time 8:43 a Time ____ Air 62°

Density: Surf. ____ fms. ____

Wind: Direction NW Force 3-4

Baromet. 30.12 Amt. of Clouds 8 State of Sea C

Weather Fog

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Off Grays Harbor, Wn

Position Grays Harbor Light bears S67½°E (True) distant 19 miles

Chart used: No. 6400 Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Mr. Shepley Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
[illegible] M. Down.			Up.	[illegible] M.			---- M. Down.			Up.	---- M.	
9	41	00	8	42	50	0						
8	41	30	8	42	00	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(3)

~~Dredge~~ Hydrog. No. 5809 Date, July 20, 1915

Sdg. Mch. Elec Reel Elec ~~Shot~~ Lead 35 lbs.

Turns Cor'n Depth 53 fms.

Sdg. Cup Armng (bottom) Amt. Bot'm Sample

Character of Bottom fine (black) sand gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 9:00 AM Time Air 62

Density: Surf. fms.

Wind: Direction N-W Force 3-4

Baromet. 30.12 Amt. of Clouds 8 State of Sea C

Weather bcz

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Grays Harbor

Position Grays Harbor Light bears S67½°E (true) distant 21.3 miles

Chart used: No. 6400 Ed'n 0

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shipley Recorder Parker

11—1023

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M. Down.			Up. A M.				M. Down.			Up. M.		
8	58	25	8	59	25	0						
8	58	38	8	58	50	53 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
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						3200						
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						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(4)

~~Dredge~~ Hydrog. } No. 5810 Date, July 20, 1915

Sdg. Mch. Elec Reel Elec ~~Shot~~ Lead } 35 lbs.

Turns Cor'n Depth 65 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom (green mud) fine bldg, mica

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 9:20 / Time } Air { 61

Density: Surf. fms.

Wind: Direction N-W Force 4

Baromet. 30:12 Amt. of Clouds 10 State of Sea M

Weather Ocm

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington coast

Position Grays Harbor Light bears S67½°E (true) distant 23.3 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A— M. Down.			Up. A— M.				—— M. Down.			Up.		—— M.
9	16	28	9	17	40	0						
9	16	45	9	17	00	65 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						2700						
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						2900						
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						3200						
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						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(5)

~~Dredge~~ Hydrog. No. 5811 Date, July 20, 1915

Sdg. Mch. Elec Reel Elec Shot Lead 35 lbs.

Turns Cor'n Depth 64 fms.

Sdg. Cup Brass (cast iron) Amt. Bot'm Sample

Character of Bottom fine (green) sand, Mica, Mud

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 9:38 Air 61°
Time

Density: Surf. fms.

Wind: Direction N-W Force 4

Baromet. 30.12 Amt. of Clouds 10 State of Sea M

Weather Ocm

Direction and Force of Current. Surface
Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears S 68° E (true) distant 25.5 miles

Chart used: No. 6400 Ed'n 0

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shepley Recorder Carter

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.	M.	Down.	Up.	A.	M.		----	M.	Down.	Up.	----	M.
9	34	4	9	36	00	0						
9	35	62	9	35	15	64 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

(6)

Dredge / Hydrog. No. 5812 Date, July 20, 1915

Sdg. Mch. Elec Reel Elect Shot / Lead 35 lbs.

Turns Cor'n Depth 68 fms.

Sdg. Cup Arming (cotton) Amt. Bot'm Sample

Character of Bottom fine (green) sand, Mica M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 9:55 Time Air 61°

Density: Surf. fms.

Wind: Direction N-W Force 4

Baromet. 30.13 Amt. of Clouds 10 State of Sea M

Weather Ocm

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears S 68° E (true) distant 27.5 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shipley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A— M.	DOWN.		UP.	A— M.			—— M.	DOWN.		UP.	—— M.	
9	52	00	9	53	22	0						
9	52	21	9	52	30	68 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						4000						
						4100						
						4200						
						4300						
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						4500						
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						4800						
						4900						

(7)

~~Dredge~~ Hydrog. No. 5813 Date, July 20, 1915

Sdg. Mch. Electric Reel Elec. ~~Shot~~ Lead 35 lbs.

Turns Cor'n Depth 73 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine (green) sand Mica gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 10:13 Time Air 61°

Density: Surf. fms.

Wind: Direction N-W Force 4

Baromet. 30:13 Amt. of Clouds 10 State of Sea M

Weather Ocm

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bear S68°E (true) distant 29.0 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	A M.			____ M.	DOWN.		UP.	____ M.	
10	10	08	10	11	30	0						
10	10	30	10	10	45	79 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
						4200						
						4300						
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						4500						
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						4700						
						4800						
						4900						

(8)

Dredge / Hydrog. No. 5814 Date, July 20, 1915

Sdg. Mch. Electric Reel Elb Shot / Lead 35 lbs.

Turns Cor'n Depth 80 fms.

Sdg. Cup Sinker (soft rock) Amt. Bot'm Sample

Character of Bottom fine grey sand Mica, Mud

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 10.31 Time Air 61

Density: Surf. fms.

Wind: Direction N-W Force 4

Baromet. 30.13 Amt. of Clouds 10 State of Sea M

Weather Dem

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears S 68° E (true) distant 31.5 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. DOWN.		UP.	A	M.		____ M. DOWN.			UP.		____ M.
10	28	10	10	29	50	0						
10	28	33	10	29	00	80 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						3700						
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						3900						
						4000						
						4100						
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						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

(9)

Dredge / Hydrog. No. 5815 Date, July 20, 1915

Sdg. Mch. Electric Reel Felt Shot / Leads 35 lbs.

Turns Cor'n Depth 84 fms.

Sdg. Cup Arming (soft wax) Amt. Bot'm Sample

Character of Bottom Lost lead

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 10:50 Time Air 61

Density: Surf. fms.

Wind: Direction N-W Force 4

Baromet. 30.12 Amt. of Clouds 8 State of Sea M

Weather P.C.D.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears S 68° E (true) distant 33.5 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Lost lead

Deck Officer Mr Shipley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.	A	M.		____ M. Down.			Up.		____ M.
10	46	23	10	48	20	0						
10	46	50	10	47	05	84 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3200						
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						3600						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

(10)

~~Dredge~~ / Hydrog. } No. 5816 Date, July 20, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ / Lead } 35 lbs.

Turns Cor'n Depth 87 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine (black) sand gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 11:06 / Time } Air { 61

Density: Surf. fms.

Wind: Direction N-W Force 4

Baromet. 30:12 Amt. of Clouds 8 State of Sea M

Weather Bcm

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears S68½°E (true) distant 3516 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	Down.		Up.	A M.			___ M.	Down.		Up.	___ M.	
11	07	00	11	09	00	0						
11	07	28	11	08	00	87 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
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						4700						
						4800						
						4900						

(11)

~~Dredge~~ Hydrog. } No. 5817 Date, July 20, 1915

Sdg. Mch. Electric Reel Elec. ~~Shot~~ Lead } 35 lbs.

Turns Cor'n Depth 92 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine (black) sand gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 11:22 / Time } Air { 61°

Density: Surf. fms.

Wind: Direction N-W Force 4

Baromet. 30:12 Amt. of Clouds 8 State of Sea M

Weather Bc.

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears S68½°E (true) distant 36.8 miles

Chart used: No. 6400 Ed'n 2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M.	Down.	Up.	A	M.		----	M.	Down.	Up.	----	M.
11	18	02	11	20	15	0						
11	18	32	11	19	10	92 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4000						
						4100						
						4200						
						4300						
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						4500						
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						4700						
						4800						
						4900						

(12)

~~Dredge~~ Hydrog. } No. 5818 Date, July 20, 1915

Sdg. Mch. Electric Reel Elec. ~~Shot~~ Lead } 35 lbs.

Turns Cor'n Depth 104 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom crs & fine black sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 11:35 / Time } Air { 61°

Density: Surf. fms.

Wind: Direction N-W Force 4

Baromet. 30:12 Amt. of Clouds 8 State of Sea M

Weather b.c.

Direction and Force of Current. { Surface / Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears S68½°E (true) distant 37.~~6~~ 2 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. DOWN.		UP.	A	M.		---- M. DOWN.			UP.		---- M.
11	30	15	11	32	50	0						
11	31	10	11	31	30	104 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

(13)

Dredge / Hydrog. No. 5819 Date, July 20, 19 15

Sdg. Mch. Electric Reel Edge Shot Lead 35 lbs.

Turns ____ Cor'n ____ Depth 194 fms.

Sdg. Cup Brumbaugh scoop Amt. Bot'm Sample ____

Character of Bottom fine (black) sand. Mica gy

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 52 Time 11:50 / Time ____ Air 61°

Density: Surf. ____ ____ fms.

Wind: Direction N-W Force 3

Baromet. 30.12 Amt. of Clouds 8 State of Sea M

Weather hc

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality Off Washington Coast

Position Grays Harbor Light bears S 68½° E (true) distant 38.6 miles

Chart used: No. 6400 Ed'n 24

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Mr. Shipley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.	A	M.		----	M. Down.		Up.		---- M.
11	41	53	11	46	20	0						
11	43	40	11	43	45	194 ~~100~~						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4800						
						4900						

(14)

~~Dredge~~ Hydrog. No. 5820 Date, July 20, 1915

Sdg. Mch. Electric Reel Elec ~~Shot~~ Lead 35 lbs.

Turns Cor'n Depth 90 fms.

Sdg. Cup Arming (soft soap) Amt. Bot'm Sample

Character of Bottom fine (black) sand. gy

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

Bottom Reading Cor'd Temp.

Temp. Surf. 53 Time 12:17 Time Air 62°

Density: Surf. fms.

Wind: Direction N-W Force 3

Baromet. 30:11 Amt. of Clouds 5 State of Sea M.

Weather b.c.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Washington Coast

Position Grays Harbor Light bears S67½°E (true) distant 35.5 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Shepley Recorder Parker

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			---- M.	Down.		Up.	---- M.	
12	13	45	12	15	38	0						
12	17	25	12	14	40	90 100						
						200						
						300						
						400						
						500						
						600						
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						4700						
						4800						
						4900						

(15)

Dredge / Hydrog. No. 5821 Date, July 20, 1915

Sdg. Mch. Electric Reel EL Shot / Lead 35 lbs.

Turns ____ Cor'n ____ Depth 82 fms.

Sdg. Cup Arming (Sft-Sons) Amt. Bot'm Sample ____

Character of Bottom Clean lead

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. { 53° Time 12:37 P / ____ Time ____ } Air { 62.50 / ____ }

Density: Surf. ____ fms. ____

Wind: Direction NW Force 3

Baromet. 30.11 Amt. of Clouds 5 State of Sea 77

Weather Oc

Direction and Force of Current. { Surface ____ / Bottom ____ }

Tide ____

General Locality Off Washington Coast

Position Grays Harbor Light bears S 67° E (true) distant 33.5 miles

Chart used: No. 6400 Ed'n 0

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Mr. Cassidy Recorder Smith

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	DOWN.		UP.	B M.			---- M.	DOWN.		UP.	---- M.	
12	33	00	12	35	30	0						
12	34	00	12	34	05	82 ~~100~~						
						200						
						300						
						400						
						500						
						600						
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(16)

~~Dredge~~ / Hydrog. No. 5822 Date, July 20, 19 15

Sdg. Mch. Electric Reel El. ~~Shot~~ / Lead 35 lbs.

Turns ____ Cor'n ____ Depth 76 fms.

Sdg. Cup Arming (Soft Sand) Amt. Bot'm Sample ____

Character of Bottom (hrd) gn TT

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. { 53° Time 17:57 a / Time ____ } Air { 62° / ____ }

Density: Surf. ____ fms. ____

Wind: Direction NW Force 3

Baromet. 30.11 Amt. of Clouds 5 State of Sea TT

Weather Oc

Direction and Force of Current. { Surface ____ / Bottom ____ }

Tide ____

General Locality Off Washington Coast

Position Grays Harbor Light bears S 66° E (true) distant 31.5 mile

Chart used: No. 6400 Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Mr. Cassidy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.		---- M.		---- M. Down.			Up.		---- M.
12	52	55	12	55	20	0						
12	54	00	12	54	05	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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(17)

~~Dredge~~ Hydrog. No. 5823 Date, July 20, 1915

Sdg. Mch. Electric Reel El. ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 68 fms.

Sdg. Cup Atming (Sft. Sump) Amt. Bot'm Sample

Character of Bottom gn M, fne gy S

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

Bottom Reading Cor'd Temp.

Temp. Surf. 54° Time 1:16 p Time Air 62.5°

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.11 Amt. of Clouds 4 State of Sea JT

Weather bc.

Direction and Force of Current. Surface Bottom

Tide

General Locality Off Grays Harbor, Wash^n

Position Grays Harbor Light bears S 65½° E (true) distant 29.5 miles

Chart used: No. 6400 Ed'n 2

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

This book checked R & A

Deck Officer Mr. Cassidy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			___ M. Down.			Up.	___ M.	
1	12	30	1	14	20	0						
1	12	55	1	13	00	68 ~~100~~						
						200						
						300						
						400						
						500						
						600						
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