H5003-
5035.

D5714-
5731.

Suct. dredge #5-713

H 5003
5035

D 5714
31

~~Dredge~~ Hydrog. No. 5203 Date, Feby 23, 1912

Sdg. Mch. Hand lead aft Reel ~~Shot~~ Lead 24 lbs.

Turns Cor'n Depth 4½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make NZ. No. 69479 Cor'n Instr. Stem.

Bottom Reading 54.7 Cor'd Temp. 54.63

Temp. Surf. 55 Time 1:17P Time 54.83 Air 57

Density: Surf. fms.

Wind: Direction West Force 5-6

Baromet. 30.16 Amt. of Clouds 1 State of Sea C

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter + 2 Kofords

Time towing h. 10 m.

Remarks: Water bottle used on Sounding line

Deck Officer Mr. Clancy Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.M.	Down.		Up.	P.M.			P.M.	Down.		Up.	P.M.	
1	08	20	1	18	20	0	1	09	00	1	17	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5004 Date, Feby 23, 1912

Sdg. Mch. Hand lead of ft Reel ~~Shot~~ Lead 24 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N.B. No. 69479 Cor'n Instr. Stem.

Bottom Reading 54.7 Cor'd Temp. 54.63

Temp. Surf. 55 Time 1:45 P 54.83 Time Air 57

Density: Surf. fms.

Wind: Direction West Force 5-6

Baromet. 30.1 2 Amt. of Clouds 1 State of Sea C

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4 Inter. + 59 Kofords

Time towing h. 10½ m.

Remarks: Water bottle used on Rounding line

Deck Officer Mr. Clancy Recorder H. W. Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	P. M.	
1	34	30	1	45	00	0	1	35	00	1	45	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
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						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~~ Hydrog. } No. 5005 Date, Feby 23, 1912

Sdg. Mch. Hand lead ~~Reel~~ ft ~~Shot~~ Lead } 24 lbs.

Turns ..... Cor'n ..... Depth 6 fms.

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

Character of Bottom .....

Thermom. { Make Mg. / No. 69479 } Cor'n { Instr. / Stem. }

Bottom Reading 54.7 Cor'd Temp. 54.63

Temp. Surf. { 55 Time 2:12P / 54.83 Time } Air { 57 }

Density: Surf. ..... fms.

Wind: Direction West Force 4-5

Baromet. 30.12 Amt. of Clouds 1 State of Sea C

Weather bc.

Direction and Force of Current. { Surface / Bottom }

Tide .....

General Locality .....

Position .....

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

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

Depth of Haul Inter

Apparatus and Rig used 4' Inter & 2 Rofords

Time towing ..... h. 10 m.

Remarks: Water bottle used on Sounding line

Deck Officer Mr. Clancy Recorder H. W. Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			P. M. Down.			Up.	P. M.	
2	02	30	2	12	30	0	2	05	00	2	11	20
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						2800						
						2900						
						3000						
						3100						
						3200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5006 Date, Feby 23, 1912

Sdg. Mch. Hand lead aft Reel ~~Shot~~ Lead 24 lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make NZ No. 69479 Cor'n Instr. Stem.

Bottom Reading 55.2 Cor'd Temp. 55.13

Temp. Surf. 54.7 Time 2.48P Time 54.53 Air 57

Density: Surf. fms.

Wind: Direction West Force 4-5

Baromet. 30.12 Amt. of Clouds 1 State of Sea C

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter 12 Kofords

Time towing h. m.

Remarks: Water bottle used on sounding line

Deck Officer Mr Clancy Recorder H W Crider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
C.	M.	Down.	Up.	C.	M.		C.	M.	Down.	Up.	C.	M.
2	37	30	2	47	40	0	2	39	30	2	45	20
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3200						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5007 Date, Feby 23, 1912

Sdg. Mch. Hand line oft Reel Shot Lead 24 lbs.

Turns Cor'n Depth 6 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make Wz. No. 69479 Cor'n Instr. Stem.

Bottom Reading 54° Cor'd Temp. 53.93

Temp. Surf. 54.6 Time 3:18 P. Time 54.43 Air 56

Density: Surf. fms.

Wind: Direction West Force 4-5

Baromet. 30.08 Amt. of Clouds 1 State of Sea C

Weather bc

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter + 2 Tafords

Time towing h. m.

Remarks: water bottle used on sounding line

Deck Officer Mr Clancy Recorder H. W. Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.		P. M.		P. M. Down.			Up.		P. M.
3	09	30	3	19	30	0	3	11	00	3	18	00
						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. 5008 Date, Feby 23, 1912

Sdg. Mch. Handline off Reel ~~Shot~~ Lead 24 lbs.

Turns Cor'n Depth 10 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make M.B. No. 69479 Cor'n Instr. Stem.

Bottom Reading 53.8 Cor'd Temp. 53.73

Temp. Surf. 54.9 Time 3:56 P 54.73 Time Air

Density: Surf. fms.

Wind: Direction West Force 2-3

Baromet. 30.08 Amt. of Clouds 1 State of Sea C

Weather hc

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4 Inter & 2 Kofoids

Time towing h. m.

Remarks: Waterbottle used on Sounding line

Deck Officer McAvoy Recorder A. W. Snider

10-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.		P. M.		P. M. Down.			Up.		P. M.
3	46	00	3	56	00	0	3	47	10	3	54	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5009 Date, Feb 27, 1912

Sdg. Mch. Leadline aft Reel ~~Shot~~ Lead } 24 lbs.

Turns Cor'n Depth 11 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom SM

Thermom. { Make N.B. No. 69479 Cor'n { Instr. Stem.

Bottom Reading 51.6° Cor'd Temp. 51.53

Temp. Surf. { 52.8° Time 10:26:40 a Time 52.63 } Air

Density: Surf. fms.

Wind: Direction NW Force 1

Baromet. 30.33 Amt. of Clouds 4 State of Sea S

Weather Very

Direction and Force of Current. { Surface Bottom

Tide Ebb

General Locality San Francisco Bay.

Position { R.t. Goat Id. N19E - L.t. Same N7W - Ferry Bldg N80W

Chart used: No. CS 5531 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used 4' Inter & 2 Kofoids

Time towing h. m.

Remarks: Waterbottle used

Deck Officer Mr. Stanley Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
2 M.	DOWN.		UP.	2 M.			____ M.	DOWN.		UP.	____ M.	
10	16	40	10	26	40	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5010. Date, Feb 27, 1912

Sdg. Mch. Line aft Reel ~~Shot~~ Lead } 24 lbs.

Turns Cor'n Depth 7½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom SM

Thermom. { Make N3 / No. 69479. Cor'n { Instr. / Stem.

Bottom Reading 52.6° Cor'd Temp. 52.53

Temp. Surf. { 53.° Time 11:13:30 a / 52.83 Time } Air {

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.29 Amt. of Clouds 6 State of Sea S.

Weather: bay

Direction and Force of Current. { Surface / Bottom

Tide E66

General Locality San Francisco Bay.

Position { Ansodero Pt S22W - Goat Is Lt N26W - Ferry Bldg N57W

Chart used: No. CS 5531 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used 4' Inter & 2 Kofriks.

Time towing h. m.

Remarks: Water bottle used

Deck Officer Mr Stanley Recorder [signature]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M.	DOWN.		UP.	a M.			___ M.	DOWN.		UP.	___ M.	
11	01	30	11	15	00	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						1900						
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						2200						
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						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
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						3700						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5011 Date, Feb 27, 1912

Sdg. Mch. Line aft Reel ~~Shot~~ Lead 24 lbs.

Turns Cor'n Depth 9 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom SM

Thermom. Make NB No. 69479 Cor'n Instr. Stem.

Bottom Reading 52.5° Cor'd Temp. 52.43

Temp. Surf. 50.5° Time 11:35 a 50.33 Time Air

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.28 Amt. of Clouds 6 State of Sea S

Weather Fog

Direction and Force of Current. Surface Bottom

Tide E66

General Locality San Francisco Bay

Position Airsovers Pt S12W - Goat Id 4 N16W - Ferry Bldg N54W

Chart used: No. CS 5531 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used 4' Inter. & 2 Kofoids

Time towing h. m.

Remarks: Waterbottle used.

Deck Officer Mr. Stanley Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.M.	DOWN.		UP.	A.M.			____ M.	DOWN.		UP.		____ M.
11	26	20	11	36	20	0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
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						3600						
						3700						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5012 Date, Feb 27, 1912

Sdg. Mch. Hand line of Reel ~~Shot~~ Lead 24 lbs.

Turns Cor'n Depth 6 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N.Y. No. 69479 Cor'n Instr. Stem.

Bottom Reading 53.0° Cor'd Temp. 52.93

Temp. Surf. 53.3 Time 12:51 / 53.33 Time Air 51°

Density: Surf. fms.

Wind: Direction Calm Force 0

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

Weather bz

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul near to bottom

Apparatus and Rig used 4' Intermediate, 2 Kelvins 150# sinker.

Time towing h. m.

Remarks: Water bottle used

Deck Officer Mr. Stanley Recorder C.E. Dalong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.		P. M.		P. M. Down.			Up.		P. M.
12	40	00	12	50	00	0	12	45	30	12	50	10
						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. 5013 Date, Feb 27, 1912

Sdg. Mch. Hand line off Reel ~~Shot~~ / Lead 24 lbs.

Turns Cor'n Depth 5-1/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N. Y. Cor'n Instr.

No. 69479 Stem.

Bottom Reading 53.2° Cor'd Temp. 53.13

Temp. Surf. 53.3° Time 7:11 Air 51.5°

53.13 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.22 Amt. of Clouds 1 State of Sea 0

Weather hcy.

Direction and Force of Current. Surface

Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul nearly at bottom.

Apparatus and Rig used 4' Intermediate, 2 kgloids 1 sinker.

Time towing h. m.

Remarks: After haul, watch used in recording was found 15 min slow by ships time. Had apparently stopped between stations as times had been compared by recorder before preceding station.

Water bottle used

Deck Officer Lieut Stanley Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	P. M.	
12	5-8	45-	1	0-8	45-	0	12	5-8	18-	1	08	30
						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. 5017 Date, Feb 27, 1912

Sdg. Mch. Hand line Reel, ~~Shot~~ / Lead 24 lbs.

Turns Cor'n Depth 4 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make M. Z. No. 69479 Cor'n Instr. Stem.

Bottom Reading 52.9° Cor'd Temp. 52.83

Temp. Surf. 53° Time 1:52 / 52.83 Time Air 53°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.19 Amt. of Clouds 1 State of Sea 2

Weather Hazy

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Near bottom

Apparatus and Rig used 4' Intermediate, 2 Kofoids, 1 sinker.

Time towing h. m.

Remarks: Water bottle used

Deck Officer Mrs. Stanley Recorder A. R. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.		P. M.		P. M.	Down.		Up.		P. M.
1	40	40	1	50	50	0	1	42	00	1	49	50
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						3300						
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						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5015 Date, Feb 27, 1912

Sdg. Mch. Hand line ~~Reel~~ aft. ~~Shot~~ Lead } 24 lbs.

Turns ..... Cor'n ..... Depth 4 fms.

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

Character of Bottom .....

Thermom. { Make N. Z. / No. 69479 } Cor'n { Instr. ..... / Stem. .....

Bottom Reading 53° Cor'd Temp. 52.93

Temp. Surf. { 53.2° Time 2:11 / 53.03 Time ..... } Air { 53° / ..... }

Density: Surf. ..... fms.

Wind: Direction Calm Force 0

Baromet. 30.19 Amt. of Clouds 1 State of Sea ~~S~~

Weather bez

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

Tide .....

General Locality .....

Position .....

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

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

Depth of Haul Close to bottom

Apparatus and Rig used 4' Intermediate, 2 Kofoids 1 sinker

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

Remarks: Water bottle used

Deck Officer Mr Stanley Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	P. M.	
2	01	30	2	11	30	0	2	05	00	2	10	30
						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. 5016 Date, Feb 27, 1912

Sdg. Mch. Hand line ~~Reel~~ Aft ~~Shot~~ Lead 24 lbs.

Turns Cor'n Depth 4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make Nz. No. 69479 Cor'n Instr. Stem.

Bottom Reading 53° Cor'd Temp. 52.93

Temp. Surf. 53° Time 2:32 52.83 Time Air 53.5°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.17 Amt. of Clouds .2 State of Sea S

Weather bcy

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Close to bottom.

Apparatus and Rig used 4' Intermediate, 2 Kofoid, 1 sinker

Time towing h. m.

Remarks: Water bottle used

Deck Officer Mr. Stanley Recorder C.E.D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	P. M.	
2	21	00	2	31	26	0	2	22	00	2	30	00
						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						
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						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5017 Date, Feb 27, 1912

Sdg. Mch. Hand line Reel ~~Shot~~ / Lead 24 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make N.Z. No. 69479 Cor'n Instr. Stem.

Bottom Reading 52.8° Cor'd Temp. 52.73

Temp. Surf. 52.4° Time 9:01 / 52.33 Time Air 54.5°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.17 Amt. of Clouds 3 State of Sea 1

Weather Hez

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Close to bottom

Apparatus and Rig used 4' Intermediate, 2 Koford, 1 sinker

Time towing h. m.

Remarks: Water bottle used

Deck Officer Mr Stanley Recorder C E DeLong

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.		P. M.		P. M.	Down.		Up.		P. M.
2	51	00	3	01	15	0	2	51	00	2	59	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4000						
						4100						
						4200						
						4300						
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						4500						
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						4800						
						4900						

Also H. 5018

Dredge / ~~Hydrog.~~ No. D 714 Date, Feby 28, 1912

Sdg. Mch. Hand lead from Reel ~~Lead~~ Shot 24 lbs.

Turns Cor'n Depth 15 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom soft

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50° Time 10:16 A / 50° Time 10:37 A Air 59° / 61°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30:11 Amt. of Clouds 7 State of Sea S

Weather hazy

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 5' Tanner; 1 sinker 2 wing weights; 1 rail weight 2 glass floats; 1 mud bag.

Time towing h. 18 m.

Remarks:

Deck Officer Mr Rettig Recorder H. W. Price

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.	UP.		___ M.			A M.	DOWN.		UP.	A M.	
						0	10	13	30	10	36	30
						34 ~~100~~	10	16	20	10	34	20
						200						
						300						
						400						
						500						
						600						
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						4000						
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						4200						
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						4800						
						4900						

Hyd. 5018

also H. 5019

Dredge / Hydrog. No. 5715 Date, July 28, 1912

Sdg. Mch. Hand line reel Reel Shot / Lead 24 lbs.

Turns Cor'n Depth 9½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Soft

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50° Time 11:09A 50° Time 11:25A Air 65° 66°

Density: Surf. fms.

Wind: Direction Variable Force 0-1

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

Weather hazy

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 5' Tanner. 12 inches 2 swing weights. 1 Tail weight 2 glass floats. 1 mud bag.

Time towing h. 15½ m.

Remarks:

Deck Officer Mr Rettig Recorder F W Crider

11—1023

SOUNDING WIRE. ___ M. Down.	Up. ___ M.	FMS.	DREDGING CABLE. A__ M. Down.	Up. A__ M.
		0	11 07 20	11 26 00
		25 ~~100~~	11 09 10	11 24 40
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		2700		
		2800		
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		3000		
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		3200		
		3300		
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		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Hyd. 5019

Head

Also H5020

Dredge / ~~Hydrog.~~ No. 5716 Date, Feb 28, 1912

Sdg. Mch. Hand lead Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth begin: 6 fms.

Sdg. Cup Amt. Bot'm Sample end: 9 "

Character of Bottom TT

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 1:13 p / 51° Time 1:28 p Air 77° / 77°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.03 Amt. of Clouds 6 State of Sea S

Weather bay.

Direction and Force of Current. Surface / Bottom

Tide Ebb

General Locality San Pablo Bay

Position Pt. Pinole N80E - Brothers Lt S22W / R. tang. Sisters S55W

Chart used: No. CS5533 Ed'n

Drift: Direction 221° Distance 1.0

Depth of Haul Bottom

Apparatus and Rig used 5' Tanner as before, with Mudbag

Time towing — h. 15 m.

Remarks: The net or inner lining of mudbag dropped out in transit from surface water to rail

Deck Officer Mr. Rettig Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.		___ M.		___ M.	DOWN.		UP.		___ M.
						0	1	11	00	1	29	35
						~~100~~ 25	1	13	00	1	28	05
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						1700						
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						4000						
						4100						
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						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

also D 5716

~~Dredge~~ Hydrog. No. 5020 Date, Feb. 28, 1912

Sdg. Mch. Handlead Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 9 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom TT

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 1:28 p. Time Air 77°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.02 Amt. of Clouds 6 State of Sea S

Weather Bay

Direction and Force of Current. Surface Bottom

Tide E66

General Locality San Pablo Bay

Position Pt. Pinole N68E - Brothers Lt S9W - R. t. Sisters S55W

Chart used: No. CS 5533 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Heretofore hydrographic stations at end of a dredging station have not been recorded in this book, and records of such stations can only be found in Navigator's Notebook.

Deck Officer Mr. Bertig Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
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						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Also H 5021

Dredge ~~Hydrog.~~ No. 5717 Date, Feb. 28, 1912

Sdg. Mch. Hand lead Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom TT

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 2:05 p Time Air 68°

Density: Surf. fms.

Wind: Direction Variable Force 0-1

Baromet. 30.00 Amt. of Clouds 6 State of Sea S

Weather bog

Direction and Force of Current. Surface Bottom

Tide Ebb

General Locality San Pablo Bay

Position Mare Id lt N64E - Pt. Pinole S77E - Brothers lt S29W

Chart used: No. CS5533 Ed'n

Drift: Direction 224° Distance 1.0

Depth of Haul Bottom

Apparatus and Rig used 5' Tanner as before; no mudbag.

Time towing — h. 13 m.

Remarks:

Deck Officer Mr. Rettig Recorder Arnkil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0	1	05	30	2	93	25
						30 ~~100~~	2	08	20			
						35 200	2	17	00	2	21	20
						300						
						400						
						500						
						600						
						700						
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						4000						
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						4500						
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						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. } No. 5021 Date, Feb 28, 1912

Sdg. Mch. Handled Reel ~~Shot~~ Lead } 14 lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 57° Time 2:23p / Time } Air { 67°

Density: Surf. fms.

Wind: Direction Variable Force 0-1

Baromet. 30.00 Amt. of Clouds 6 State of Sea S

Weather Fog

Direction and Force of Current. { Surface / Bottom

Tide Ebb

General Locality San Pablo Bay

Position { Pt Pinole N 78 E - Brothers
H S 24 W - R. t. Sisters S 58 W

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Rettig Recorder Arnhil -

11—1023.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
---- M. Down.	Up.	---- M.		---- M. Down.	Up.	---- M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge / ~~Hydrog.~~ No. 5718 Date, Feb 28, 1912

Sdg. Mch. Hand lead Reel ____ ~~Shot~~ / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 7½ fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom M

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. { 51° Time 3:22 P / ____ Time ____ } Air { 63° / ____ }

Density: Surf. ____ ____ fms. ____

Wind: Direction Variable Force 0-1

Baromet. 29.99 Amt. of Clouds 6 State of Sea S

Weather fog

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

Tide Ebb

General Locality San Francisco Bay

Position { Quarry Pt. South - Chimney Pt N 57½ W / Southampton Shoal lt N 76 E }

Chart used: No. CS 5532 Ed'n ____

Drift: Direction 124° Distance 0.9

Depth of Haul Bottom

Apparatus and Rig used 5' Tanner x Mudbag

Time towing — h. 22 m.

Remarks:

Deck Officer Mr. Reber Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		C--- M.	DOWN.		UP.	C--- M.	
						0	3	19	25	0	45	45
						35 ~~100~~	3	21	45	3	43	45
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4800						
						4900						

~~Dredge~~ Hydrog. No. 5022 Date, Feb 28, 1912

Sdg. Mch. Hand Lead Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 9 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57° Time 3:45 P Time Air 58°

Density: Surf. fms.

Wind: Direction Force 2

Baromet. 29.98 Amt. of Clouds State of Sea S

Weather Fog

Direction and Force of Current. Surface Bottom

Tide Ebb

General Locality San Francisco Bay

Position Southampton Shoal Lt N 8 E - Blunt Pt S 38 W - Channey Pt N 57 W

Chart used: No. C&GS 532 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Rettig Recorder [illegible]

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
____ M. DOWN.	UP.	____ M.		____ M. DOWN.	UP.	____ M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			2500			
			2600			
			2700			
			2800			
			2900			
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			3100			
			3200			
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			3700			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

23

Dredge ~~Hydrog.~~ No. 5719 Date, March 1, 1912

Sdg. Mch. Hand line forid ~~Reel~~ ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 6 1/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make Cor'n Instr.

No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 51° Time 10:47 Air 55°

51° Time 11:08 55°

Density: Surf. fms.

Wind: Direction South Force 1-2

Baromet. 29.88 Amt. of Clouds 10 State of Sea S

Weather oz.

Direction and Force of Current. Surface

Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 5' Tanner, 1 sinker 2 glass floats, 1 tail weight, 2 wing weights, 1 mud bag

Time towing h. m.

Remarks: Mud bag lost.

Deck Officer Mr Stanley Recorder C. E. Le Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
@	M.	Down.	Up.	@	M.		@	M.	Down.	Up.	@	M.
						0	10	45	50	11	07	40
						~~100~~ 26	10	48	00	11	06	10
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5023 Date, March 1, 1912

Sdg. Mch. Hand line reel ~~Shot~~ / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 6 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. { 51 Time 11:08 / ____ Time ____ } Air { 55 / ____ }

Density: Surf. ____ fms. ____

Wind: Direction South Force 1

Baromet. 29.88 Amt. of Clouds 10 State of Sea 5

Weather Oz

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

Tide ____

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Jas Stanley Recorder A.L. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.		DOWN.	UP.		____ M.		____ M.		DOWN.	UP.		____ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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						900						
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						4900						

24

Dredge / ~~Hydrog.~~ No. 5720 Date, March 1, 1912

Sdg. Mch. Handlingfood Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 14 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom (Soft Mud) Hard gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 1:17 P. / 52 Time 1:28 P. Air 54 / 54

Density: Surf. fms.

Wind: Direction S.W. Force 2

Baromet. 29.89 Amt. of Clouds 10 State of Sea S

Weather Oz

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 5' Tanner: 1 Sinker 2 Glass floats: 2 wing weights: 1 Tail weight: 1 mud bag.

Time towing h. 11 m.

Remarks:

Deck Officer Mr. Stanley Recorder H. W. Prider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.		___ M.		___ M.	DOWN.		UP.		___ M.
						0	1	13	20	1	30	00
						~~100~~	1	16	30	1	27	30
						200						
						300						
						400						
						500						
						600						
						700						
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Deadman Island

~~Dredge~~ Hydrog. No. 5024 Date, March 12, 1912

Sdg. Mch. Hand line fwd Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 11 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 1:30 P Time Air 54

Density: Surf. fms.

Wind: Direction S. W. Force 2

Baromet. 29.89 Amt. of Clouds 10 State of Sea S

Weather Sh

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr S Stanley Recorder J W Sides

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.	DOWN.		UP.		____ M.		____ M.	DOWN.		UP.		____ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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Dredge / ~~Hydrog.~~ No. 5721 Date, March 1st, 1912

Sdg. Mch. Hand line reel Reel ____ ~~Shot~~ / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 8½ fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom gray sand

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 52 Time 1:52 P.M. 52 Time 2:23 P.M. Air 54° 53

Density: Surf. ____ ____ fms.

Wind: Direction S.W. Force 2

Baromet. 29.88 Amt. of Clouds 10 State of Sea S.

Weather Fog

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Bottom

Apparatus and Rig used 9' Agassiz; 1-sinker 3 glass floats; 2 swing weights; 1 tail weight; 1 mud bag.

Time towing ____ h. 28½ m.

Remarks: ____

Deck Officer W. Stanley Recorder H. A. Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.		___ M.		P___ M.	DOWN.		UP.		P___ M.
						0	/	49	20	2	22	30
						30 ~~100~~	/	51	30	2	20	30
						200						
						300						
						400						
						500						
						600						
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Lead run Stand

~~Dredge~~ / Hydrog. No. 5025 Date, March 1st, 1912

Sdg. Mch. Hand line ~~for~~ Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gray sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52 Time 2:30 / Time Air 53

Density: Surf. fms.

Wind: Direction S. W. Force 2

Baromet. 29.88 Amt. of Clouds 10 State of Sea S.

Weather Hy

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Stanley Recorder H. W. Snider

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						4900						

Dredge / ~~Hydrog.~~ No. 5722 Date, March 1, 1912

Sdg. Mch. Hand line fwd Reel ____ ~~Shot~~ / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 5 1/4 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom fine mud

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. { ____ Time 2:47 P. / ____ Time 3:12 P. } Air { 53 / 54 }

Density: Surf. ____ ____ fms.

Wind: Direction S. W. Force 2

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

Weather Dy

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

Tide ____

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Bottom

Apparatus and Rig used 5' Tanner: 1 sinker. 2 glass floats: 2 wing weights. 1 Zoid weight: 1 Hand log.

Time towing ____ h. 25 m.

Remarks: X Tow 17 minutes with 25 fms out.

Deck Officer Mr Stanley Recorder H. W. Pride

11—1023

SOUNDING WIRE. ___ M. Down.	SOUNDING WIRE. Up.	SOUNDING WIRE. ___ M.	FMS.	DREDGING CABLE. P___ M. Down.			DREDGING CABLE. Up.		DREDGING CABLE. P___ M.
			0	2	44	30	3	14	20
			~~100~~ 25 *	2	46	30			
			~~200~~ 35 *	3	04	15	3	12	15
			300						
			400						
			500						
			600						
			700						
			800						
			900						
			1000						
			1100						
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			4900						

* Lost 1 minute wire 2 fms. blown out.

~~Dredge~~ Hydrog. No. 5026 Date, March 1, 1912

Sdg. Mch. Hand line fwd. Reel ____ ~~Shot~~ Lead 14 lbs.

Turns ____ Cor'n ____ Depth 4 3/4 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom Rocks & sand

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. ____ Time 3:12 P ____ Time ____ Air 54

Density: Surf. ____ fms. ____

Wind: Direction S.W. Force 2

Baromet. 29.90 Amt. of Clouds 9 State of Sea S

Weather bc.

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer M. Stanley Recorder H.W. Snider

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.	DOWN.		UP.		____ M.		____ M.	DOWN.		UP.		____ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4900						

Dredge ~~Hydrog.~~ No. 5723 Date, Mar 6, 1912

Sdg. Mch. Hand lead Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 9½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom MSL

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50° Time 10:12 a Time Air 54°

Density: Surf. fms.

Wind: Direction SE Force 5

Baromet. 29.90 Amt. of Clouds 9 State of Sea C

Weather be

Direction and Force of Current. Surface Bottom

Tide Flood

General Locality San Francisco Bay.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom.

Apparatus and Rig used 5' Tanner & Mudbag as before.

Time towing – h. 3 m.

Remarks: When heaving in and 11 fms. out, 10:16:50, wire fouled anchor (towing stern foremost). Cleared it and hove in, wire out from gin block at boom end. Lowered boom and replaced wire in sheave.

Deck Officer Mr Clancy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		1 M.	DOWN.		UP.	2	M.
						0	10	09	05	10	28	10
						35 ~~100~~	10	12	00	10	15	00
						200						
						300						
						400						
						500						
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						4900						

~~Dredge~~ / Hydrog. No. 5027 Date, Mar 6, 1912

Sdg. Mch. Hand Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 11 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50° Time 10:30 a Air 54°

Time

Density: Surf. fms.

Wind: Direction SE Force 5

Baromet. 29.94 Amt. of Clouds 9 State of Sea C

Weather Rain

Direction and Force of Current. Surface / Bottom

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Beam Trawl

Time towing h. m.

Remarks:

Deck Officer Mr. Carey Recorder F. T. Hill

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.			Down.	Up.	____ M.		____ M.			Down.	Up.	____ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4800						
						4900						

Dredge / ~~Hydrog~~ No. 5724 Date, Mar 6, 1912

Sdg. Mch. Hand line Reel ____ Shot / Lead ____ lbs.

Turns ____ Cor'n ____ Depth 8 3/4 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 57° Time 1:25 P / 57° Time 1:35 P Air 52° / 52.5°

Density: Surf. ____ fms. ____

Wind: Direction S.S.E. Force 2-4

Baromet. 29.94 Amt. of Clouds ____ State of Sea 2

Weather hazy

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

General Locality San Francisco Bay.

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul bottom

Apparatus and Rig used 9' Agassiz, 3 glass floats 2 sinker weights, 1 tail weight, 1 sinker

Time towing ____ h. ____ m.

Remarks: Net torn entirely loose from frame & hanging to bridle by bag lashing

Deck Officer Mr. Clancy Recorder C. E. Dedong.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		P--- M.	DOWN.		UP.	P--- M.	
						0	1	21	00	1	34	40
						~~35-100~~	1	24	00	1	31	50
						200						
						300						
						400						
						500						
						600						
						700						
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						4900						

~~Dredge~~ Hydrog. } No. 5028 Date, Mar 6, 1912

Sdg. Mch. Hand line fwd ~~Reel~~ Shot Lead } lbs.

Turns Cor'n Depth 8 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 50° Time 1.39 P / Time } Air { 53°

Density: Surf. fms.

Wind: Direction S.S.E. Force 3

Baromet. 2994 Amt. of Clouds 9 State of Sea S

Weather bez

Direction and Force of Current. { Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Clancy Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M. Down.			Up.		____ M.		____ M. Down.			Up.		____ M.
						0						
						100						
						200						
						300						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5725 Date, Mar 6, 1912

Sdg. Mch. Hand line ~~Reel~~ Shot / Lead lbs.

Turns Cor'n Depth 7 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 50° Time 1.50 / 50° Time 2:05 Air 53.5° / 52°

Density: Surf. fms.

Wind: Direction S.E. Force 3

Baromet. 29.95 Amt. of Clouds 9 State of Sea S

Weather bcz

Direction and Force of Current. Surface / Bottom

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 5' Tanner, 1 sinker, 2 glass floats 2 wing weights, 1 tail weight, 1 mudbag.

Time towing h. m.

Remarks:

Deck Officer Mr. Clancy Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
	M.	Down.	Up.		M.		M.	Down.		Up.		M.
						0	1	50	30	2	01	25
						35 ~~100~~	1	50	50	2	04	30
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						1200						
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						4700						
						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5029 Date, Mar. 6, 1912

Sdg. Mch. Hand line Reel rid ~~Shot~~ / Lead 14 lbs.

Turns ____ Cor'n ____ Depth 7 fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom ____

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. { 50° Time 2:05 / ____ Time ____ } Air { 52° / ____ }

Density: Surf. ____ ____ fms. ____

Wind: Direction S.S.E. Force 2

Baromet. 29.95 Amt. of Clouds 10 State of Sea 2

Weather 0

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

Tide ____

General Locality ____

Position ____

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul ____

Apparatus and Rig used ____

Time towing ____ h. ____ m.

Remarks: ____

Deck Officer Lt. Clancy Recorder A. E. D. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.		Down.	Up.		___ M.		___ M.		Down.	Up.		___ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4000						
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						4200						
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						4800						
						4900						

Dredge / ~~Hydrog.~~ No. 5726 Date, March 8, 1912

Sdg. Mch. Hand line for Net Shot / Lead lbs.

Turns Cor'n Depth 6 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 57.1° Time 10:42 / 57.2° Time 11:02 Air 57.1° / 57.8°

Density: Surf. fms.

Wind: Direction Various Force 1

Baromet. 30.20 Amt. of Clouds 8 State of Sea 2

Weather Smg

Direction and Force of Current. Surface Bottom

Tide

General Locality San Francisco Bay.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 9' Agassiz, 150# sinker, 1 tail weight, 2 wing weights, 3 glass floats, (short Agassiz net) 1 mud bag.

Time towing h. 17 m.

Remarks: Net slightly torn

Deck Officer J.M. Rettig Recorder C.E.R. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.		___ M.		~~2~~ M.	DOWN.		UP.		~~2~~ M.
						0	10	38	00	11	02	10
						100	10	41	10	10	58	30
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4900						

~~Dredge~~ / Hydrog. No. 5030 Date, Mar 8, 1912

Sdg. Mch. Hand line Reel Shot / Lead lbs.

Turns Cor'n Depth 6 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 11.02 / Time Air 54.5

Density: Surf. fms.

Wind: Direction S Force 1

Baromet. 30.20 Amt. of Clouds 7 State of Sea 8

Weather bcy

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mc Retting Recorder C.E.D. Long

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
---- M. DOWN.	UP.	---- M.		---- M. DOWN.	UP.	---- M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			3100			
			3200			
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			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge / ~~Hydrog.~~ No. 5727. Date, March 8, 1912

Sdg. Mch. Handlead Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 5 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 12:43:20 P. / Time Air 59.5°

Density: Surf. fms.

Wind: Direction Variable Force 2

Baromet. 30.14 Amt. of Clouds 8 State of Sea S

Weather Bay

Direction and Force of Current. Surface / Bottom

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 9' Agassiz & Mudbag as before.

Time towing — h. 15 m.

Remarks: Accumulator registered nearly 4 tons just before commenced to heave in. Net came up wrecked.

Deck Officer Mr. Rettig Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		P ---- M.	DOWN.		UP.	P ---- M.	
						0	12	40	35	1	01	00
						35 ~~100~~	12	43	20	12	58	20
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4000						
						4100						
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						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5031 Date, June 8, 1917

Sdg. Mch. Hoisting Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 5 1/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 1:01 P Time Air 63°

Density: Surf. fms.

Wind: Direction North Force 2

Baromet. 30.13 Amt. of Clouds 5 State of Sea 2

Weather Fog

Direction and Force of Current. Surface Bottom

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Rettig Recorder J. Smith

11—1023

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

Dredge / ~~Hydrog.~~ No. 5728 Date, Mar. 8, 19 17

Sdg. Mch. Hamilton Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 1:21 P / Time Air 63°

Density: Surf. fms.

Wind: Direction North Force 2

Baromet. 30.17 Amt. of Clouds 5 State of Sea 2

Weather Foggy.

Direction and Force of Current. Surface / Bottom

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom.

Apparatus and Rig used 5 ft Tanner x Mesh, 150-16 sinker, 1 tailweight, 2 wingweights, 2 glass floats.

Time towing — h. 35 m.

Remarks: While reaching out mud from net at surface bottom of net carries away and contents were lost.

Deck Officer Mr. Fleming Recorder Atwell

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.	DOWN.		UP.		____ M.		B ____ M.	DOWN.		UP.	A ____ M.	
						0	1	9	00	1	58	00
						20 ~~100~~	1	21	00	1	17	00
						200						
						300						
						400						
						500						
						600						
						700						
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						4000						
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						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5032 Date, March 8, 1912

Sdg. Mch. Finished Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 52° Time 1:57 P / Time Air 61°

Density: Surf. fms.

Wind: Direction Variable Force 2

Baromet. 30.12 Amt. of Clouds 7 State of Sea S

Weather Hcpz

Direction and Force of Current. Surface / Bottom

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: While washing out mud from net at [illegible], bottom of net carried away and contents [illegible] lost.

Deck Officer Mr. Rettig Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
____ M.	DOWN.		UP.		____ M.		____ M.	DOWN.		UP.		____ M.
						0						
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge ~~Hydrog.~~ No. 5729 Date, March 8, 1913

Sdg. Mch. Hardlen Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 4 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time 2:40 p Time Air 62.5°

Density: Surf. fms.

Wind: Direction Variable Force 2

Baromet. 30.11 Amt. of Clouds 7 State of Sea S

Weather bcy

Direction and Force of Current. Surface Bottom

Tide

General Locality San Francisco Bay.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 9' Agassiz & Mud-bag. 3 glass floats, tail vts & 2 wing-vts, 150-lb sinker; short net.

Time towing - h. 13 m.

Remarks:

Deck Officer Mr. Rettig Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0	2	37	30	2	57	40
						25 ~~100~~	2	39	25	2	52	25
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4800						
						4900						

~~Dredge~~ / Hydrog. No. 5037 Date, March 8, 1917

Sdg. Mch. Hoisted Reel ~~Shot~~ / Leads 12 lbs.

Turns Cor'n Depth 4 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° / Time 7:35:40 Z } Air { 61° / Time }

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.10 Amt. of Clouds 3 State of Sea 5

Weather Clear.

Direction and Force of Current. { Surface / Bottom }

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Rettig Recorder J. Talbot

11—1023

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

Dredge / ~~Hydrog.~~ No. 5730 Date, March 8, 1912

Sdg. Mch. Handlead Reel ~~Shot~~ / Lead 14 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 62° Time 3:14 P / Time Air 65

Density: Surf. fms.

Wind: Direction Variable Force 0-1

Baromet. 30.10 Amt. of Clouds 3 State of Sea 8

Weather Hazy.

Direction and Force of Current. Surface / Bottom

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom.

Apparatus and Rig used 9' Agassiz & mud bag rigged as before.

Time towing — h. 12 m.

Remarks:

Deck Officer Mr. Rattig Recorder Atkin

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.	UP.	---- M.				C--- M.	DOWN.		UP.	C--- M.	
						0	3	11	57	3	27	00
						~~400~~	3	12	50	3	25	45
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4200						
						4300						
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						4500						
						4600						
						4700						
						4800						
						4900						

~~Dredge~~ Hydrog. No. 5034 Date, March 8, 1912

Sdg. Mch. Hand lead Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 5 1/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. Time 3:28 p Time Air

Density: Surf. fms.

Wind: Direction Variable Force 0-1

Baromet. 30.08 Amt. of Clouds 3 State of Sea S

Weather Fog.

Direction and Force of Current. Surface Bottom

Tide

General Locality San Francisco Bay.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Rettig Recorder Arakil

11—1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
---- M.	DOWN.	UP. ---- M.		---- M.	DOWN.	UP. ---- M.
			0			
			100			
			200			
			300			
			400			
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Dredge ~~Hydrog.~~ No. 5731 Date, March 11, 192

Sdg. Mch. Hand line fwd Reel ~~Shot~~ Lead 14 lbs.

Turns Cor'n Depth 16 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. 51 Time 9:50 A 51 Time 10:02 A Air 50° 50°

Density: Surf. fms.

Wind: Direction E. Force 2

Baromet. 30.10 Amt. of Clouds 10 State of Sea C

Weather Ozp

Direction and Force of Current. Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 9' Agassiz: 1 Mud bag: 1 Sinker: 2 wing weights: 1 Tail weight: 3 glass floats.

Time towing h. 10 2/3 m.

Remarks:

Deck Officer Mr. Stanley Recorder H. W. Prider

Mr. Pettig

M—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		A M.	DOWN.		UP.	A M.	
						0	9	47	00	10	05	30
						60 ~~100~~	9	51	00	10	01	40
						200						
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~~Dredge~~ Hydrog. } No. 5035 Date, March 11, 1912

Sdg. Mch. Hand line fwd Reel Shot Lead } lbs.

Turns Cor'n Depth 12 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Hard Sand

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 10:05 / Time } Air { 50°

Density: Surf. fms.

Wind: Direction E. Force 3

Baromet. 30.10 Amt. of Clouds 10 State of Sea C

Weather Ozp

Direction and Force of Current. { Surface / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Bettig Recorder H. W. Crude

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		---- M.	DOWN.		UP.		---- M.
						0						
						100						
						200						
						300						
						400						
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