No 3.
From D. 5154
to D. 5215.

Recorders: Please mark on this page the next Hy. no. to be used. — First no. this

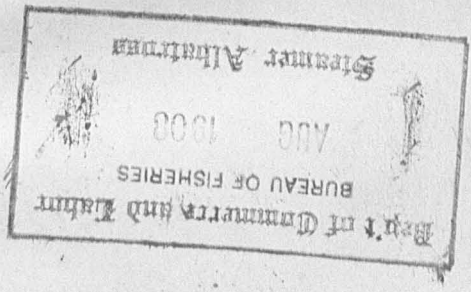
book D 5154

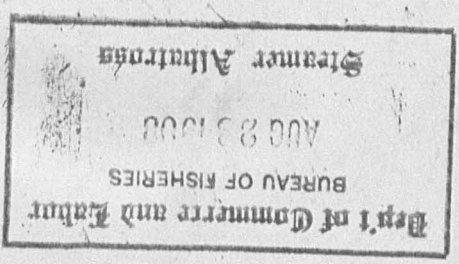
H. 4906

next Hy = 4907

Dep't of Commerce and Labor
BUREAU OF FISHERIES
AUG 23 1908
Steamer Albatross

Dep't of Commerce and Labor
BUREAU OF FISHERIES
AUG 1908
Steamer Albatross





Next Hydr No 4909

OK Pl

Dredge ~~Hydrog.~~ No. 5154 Date, Feb 19, 1908

Sdg. Mch. Tanner Reel T.N. ~~Shot~~ Lead 35 lbs.

Turns 12 Cor'n — Depth 12 fms.

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

Character of Bottom Co. S.

Thermom. Make None used. No. Cor'n Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 81° Time 10.25 81° Time Air 85° 88°

Density: Surf. 1.02437 fms.

Wind: Direction N. x W. Force 2

Baromet. 2974 Amt. of Clouds .5 State of Sea S

Weather bc.

Direction and Force of Current. Surface Bottom

Tide

Bakeen Pt. S 11° W 0.7 mi.

General Locality Pt opp Kanbankanna Id S 42° W Similan Ids. (E) N 39 W.

Position 5° 14' 50" N., 119° 58' 45" E.

Chart used: No. 1852 H.O. Ed'n

Drift: Direction S 42° W Distance .3 mi.

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz N.R., 2 trimming weights, 1 tail weight, 5 glass floats, 1 chain, 1 mud bag.

Time towing h. 15 m.

Remarks: Net was on bottom from time 20 fath was out.

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

11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M.		DOWN.	UP.		A. M.		A. M.		DOWN.	UP.		A. M.
10	22	50	10	28	25	0	10	26	20	10	42	80
10	23	05	10	23	10	12 ~~100~~ 20	10	27	40			
						~~200~~ 30	10	35	20	10	40	40
						300						
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OK. Pl.

Dredge / Hydrog. No. 5156 Date, Feb 21, 1908

Sdg. Mch. Tanner Reel TN ~~Shot~~ / Lead 10 lbs.

Turns 18 Cor'n Depth 18 fms.

Sdg. Cup Tallow on lead Amt. Bot'm Sample about 2 oz

Character of Bottom fn sw & shell

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

Bottom Reading — Cor'd Temp. —

Temp. Surf. 79° Time 8:38 AM / 79 Time 8:45 " Air 79° / 79°

Density: Surf. 1.02422 fms.

Wind: Direction N.E. Force 1

Baromet. 29.69 Amt. of Clouds 7 State of Sea S

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

Tinakta Id. (N) S 76° W. 3.4 mi.

General Locality Sulu Sea

Kabankanan Id tree (W) N 24° E Bakun Pt N 64° E

Position 5°-12'-50" N - 119°-55'-55" E

Chart used: No. 2401852 Ed'n

Drift: Direction S 28 E Distance 250 yds

Depth of Haul bottom

Apparatus and Rig used 9' Albatross blake 1 tail wt 1 glass float, harrow attachment

Time towing — h. 2 m.

Remarks:

Deck Officer Mr Metters Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M.	Down.		Up.	a M.			a M.	Down.		Up.	a M.	
8	34	40	8	35	30	0	8	37	20	8	48	30
8	35	–	8	35	05	18 ~~100~~ 33	8	39	–			
						~~200~~	8	43	30	8	45	10
						300						
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OK Pl

Dredge / Hydrog. No. 5158 Date, Feb 21, 1908

Sdg. Mch. Tanner Reel T.N. Shot / Lead 10 lbs.

Turns 12 Cor'n Depth 12 fms.

Sdg. Cup Tallow on lead Amt. Bot'm Sample about 2 oz.

Character of Bottom Shell & coarse sand

Thermom. Make None used / No. Cor'n Instr. / Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 79° Time 9:25 AM / 79° Time 9:32 " Air 80° / 80°

Density: Surf. 1.02422 fms.

Wind: Direction N.E. Force 1-2

Baromet. 29.72 Amt. of Clouds 7 State of Sea 8

Weather Very

Direction and Force of Current. Surface / Bottom

Tide

1.9 mi.

General Locality Sulu Sea

Tinakta Id (N) N 89° W Basun Sibisibi (W) N 20° W

Position 5°-12'-00" N - 119°-54'-30" E

Chart used: No. Ho 18,52 Ed'n

Drift: Direction N 80° W Distance 250 yds.

Depth of Haul bottom

Apparatus and Rig used 9' albatross blake 1 tail wt 1 glass float with harrow attachment

Time towing — h. 4 m.

Remarks: net first let out to 20 fms, towing 2 mis, let out 10 fms more towing 4 mis.

Deck Officer Mr Metters Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.M.			Down.				A.M.			Down.		
9	21	—	9	21	30	0	9	24	10	9	34	0
9	21	10	9	21	10	12 100 200	9	25	20			
							9	28	20	9	32	40
						300						
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Ok Pl.

Dredge ~~Hydrog.~~ No. 5160 Date, 22 Feb., 1908

Sdg. Mch. T. N. Reel T. N. ~~Shot~~ Lead 10 lbs.

Turns 12 Cor'n — Depth 12 fms.

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

Character of Bottom S.

Thermom. Make / No. None Cor'n Instr. — / Stem. —

Bottom Reading — Cor'd Temp. —

Temp. Surf. x) 82° Time 8:34 a. / Time Air 85°

Density: Surf. ——— fms.

Wind: Direction Calm Force 0

Baromet. 29.70 Amt. of Clouds 5 State of Sea S

Weather bc.

Direction and Force of Current. Surface / Bottom

Tide

2.75 mi.

General Locality Sulu Sea

Tinakta I (N) S 72° W – Basun Sibisibi (E) N 52 W

Position 5°12'40" N – 119°55'10" E.

Chart used: No. HO 1852 Ed'n ?

Drift: Direction S 67° W Distance 300 yds.

Depth of Haul Bottom

Apparatus and Rig used 9' A-B "Harrow", 1 glass ft. & 1 tail vert.

Time towing — h. 3 m.

Remarks: x) Only one reading of the thermometers was taken, on account of the short duration of the haul.

Deck Officer Mr. Hazard Recorder Arnkil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	Down.		Up.	M.			M.	Down.		Up.	M.	
8	26	05	8	26	45	0	8	28	00	8	33	20
8	26	20	8	26	20	100	8	29	00	8	32	10
						200						
						300						
						400						
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Ok. Pl

~~Dredge~~ Hydrog. No. 4906 (2) Date, 22 Feby, 1908.

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

Turns 55 Cor'n — Depth 55 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample Slightest trace

Character of Bottom S. bkn Sh.

Thermom. Make N. Z. No. 108023 Cor'n Instr. -.4 Stem. -.3

Bottom Reading 64.2 Cor'd Temp. 63.5

Temp. Surf. 82° Time 10:00 a. Time Air 94°

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current. Surface Bottom

Tide

Tinakta Id(S) N62°E 4.1 mi.

General Locality

Tinakta I (Center) S80°E. Sangasanga I (NW pt) S40°W

Position 5°09'55"N - 119°48'55"E.

Chart used: No. CS 4514 Ed'n ?

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Water bottle was used.

Deck Officer Mr. Hazard Recorder Arikil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.						
[illegible] M.	Down.		Up.	[illegible] M.			___ M.	Down.		Up.	___ M.		
9	50	00	9	57	45	0							
9	57	00	9	57	00	100							
						200							
						300							
						400							
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Okpe

Dredge ~~Hydrog.~~ No. 5162 Date, 22 Feb, 1908

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

Turns 230 Cor'n — Depth 230 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample (mud bag: 1/2 full.

Character of Bottom none in Sdg Cup (mud bag: crs S bkn Sh & For).

Thermom. Make N. Z. No. 108023 Cor'n Instr. -.4 Stem. -.6

Bottom Reading 53.9° Cor'd Temp. 52.9

Temp. Surf. 82° Time 10:20 a 82° Time 11:00 a Air 90° 85°

Density: Surf. 1.02447 fms.

Wind: Direction N.N.W. Force 2-3

Baromet. 29.68 Amt. of Clouds 4 State of Sea S

Weather bc.

Direction and Force of Current. Surface Bottom

Tide

Tinakta Id. (S) N71°W 5.4 mi.

General Locality Sulu Sea

Tinakta I (center) N83°E - Sangasanga Is (NW pt) S26W

Position 5°10'00" N - 119°47'30" E.

Chart used: No. SC 4514 Ed'n ?

Drift: Direction S9°E Distance 0.4 m.

Depth of Haul Bottom

Apparatus and Rig used 12' Agassiz NR with chain, 5 glass floats, 2 wing wts., 1 tail wt., 1 mud bag.

Time towing — h. 15 m.

Remarks: Water bottle used in sounding. — Trawl fouled on bottom at 10:45 and veered out about 10 fms. dredge rope. At 10:46 hove in.

Deck Officer Mr. Hazard Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M. Down.			Up.	A. M.			A. M. Down.			Up.	A. M.	
10	07	00	10	13	15	0	10	18	25	11	00	10
	09	00		12	30	100		21	55		56	45
	10	00		11	50	200		25	20		53	00
10	10	25	10	11	25	230 300		29	15		49	50
						400	10	30	40	10	46	00
						500						
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Ok pl

Dredge / Hydrog. No. 5164 Date, Feb 24, 1908

Sdg. Mch. Tanner Reel T. N. ~~Shot~~ Lead 35 lbs.

Turns 18 Cor'n — Depth 18 fms.

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

Character of Bottom gn. M.

Thermom. Make None used Cor'n Instr. Stem.

No.

Bottom Reading Cor'd Temp.

Temp. Surf. 80° Time 10.21 Air 89°

80° Time 10.30 90°

Density: Surf. 1.02442 fms.

Wind: Direction N.W. Force 2

Baromet. 29.70 Amt. of Clouds .5 State of Sea S

Weather bc.

Direction and Force of Current. Surface

Bottom

Tide

8 mi.

General Locality Sulu Sea

Observation I'd S. 82° W, Sanguisiapo I (E) S 4° W

Position Lat. 5° 01' 40" N. 119° 52' 20" E.

Chart used: No. 4514 C. S. Ed'n

Drift: Direction N. 30° E Distance 4 mi.

Depth of Haul bottom

Apparatus and Rig used 9' Alb Blk, harrow. 1 glass float, 250# weight

Time towing h. 8 1/3 m.

Remarks: Net torn slightly & teeth of harrow bent

Deck Officer Mr Nitters Recorder C. E. Ed. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
@ M.	Down.		Up.		@ M.		@ M.	Down.		Up.		@ M.
10	16	00	10	17	00	0	10	18	20	10	31	10
10	16	10	10	16	20	18 ~~100~~ 23	10	19	10			
						~~200~~ 32	10	20	30	10	28	50
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OKPl

Dredge ~~Hydrog.~~ No. 5166 Date, Feb 24, 1905

Sdg. Mch. Tanner Reel T.N. ~~Shot~~ Lead 35 lbs.

Turns 98 Cor'n Depth 97 fms.

Sdg. Cup tallow on lead Amt. Bot'm Sample about 2 oz

Character of Bottom cor sn (= co S)

Thermom. Make N.L. No. 108023 Cor'n Instr. -.4 Stem. -.2

Bottom Reading 70° Cor'd Temp. 69.4

Temp. Surf. 81° Time 3:00 PM 81 Time 3:16 " Air 83° 83°

Density: Surf. 1.02644 fms.

Wind: Direction N.N.W Force 2

Baromet. 29.60 Amt. of Clouds 7 State of Sea S

Weather bc

Direction and Force of Current. Surface Bottom

Tide

Observation Isd. N20°W 4.6 mi.

General Locality Sulu Sea

Bongao I(W) N25°W Langusapo I(W) N65°E

Position 4°-56'-10" N - 119°-46'-00" E

Chart used: No. 4514 C.S. Ed'n

Drift: Direction S 5° E Distance .7 mi

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz N.R. 1 m bag 1 tail wt 2 wing wts 5 glass floats

Time towing — h. 2 m.

Remarks: Net came up with one bridle stop carried away

Deck Officer Mr Metters Recorder M C Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			P M.	Down.		Up.	P M.	
2	45	20	2	56	30	0	2	59	—	3	16	30
2	53	40	2	03	45	100	3	01	30	3	12	45
						200	3	05	10	3	07	10
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Ok pe

Dredge / ~~Hydrog.~~ No. 5168 Date, 25 Feb., 1908

Sdg. Mch. Lucas Reel Lucas ~~Shot~~ Lead 30 lbs.

Turns 80 Cor'n Depth 80 fms.

Sdg. Cup Aoming Amt. Bot'm Sample Trace

Character of Bottom co. S.

Thermom. Make / No. None used Cor'n Instr. — Stem. —

Bottom Reading Cor'd Temp. —

Temp. Surf. 79° Time 7:15 a. / 79° Time 7:32 a. Air 79° / 79½°

Density: Surf. 1.02386 fms.

Wind: Direction East Force 1

Baromet. 29.69 Amt. of Clouds 6 State of Sea S

Weather bcp

Direction and Force of Current. Surface / Bottom

Tide

Observation Isd. N17°W 4.2 mi.

General Locality Sulu Sea.

Bongao (W) N22°W.-

Position 4°56'30" N. 119°45'40" E. Sangiusiapa N73°E.

Chart used: No. C.S. 4514 Ed'n 2

Drift: Direction South Distance 0.9 m.

Depth of Haul Bottom

Apparatus and Rig used 12' Ag. NR; 2 wing wts.; 1 tail wt.; 1 mud bag; 5 gl. floats; chain

Time towing — h. 3 m.

Remarks: Net fouled on bottom and reeved out from 168 to 198 fms. Then hove in. Found chain broken and tailwt gone.

Deck Officer Mr. Metters Recorder Arukil.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
~~A.~~ M. Down.			Up. ~~A.~~ M.				~~A.~~ M. Down.			Up. ~~A.~~ M.		
7	07	40	7	11	00	0	7	14	15	7	33	10
7	08	35	7	10	00	80 100		17	30		28	35
						200 168	7	20	10			
						300 198	7	22	50	7	23	30
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Ckpl

Dredge / ~~Hydrog.~~ No. 5170 Date, Feb 27, 1908

Sdg. Mch. Lucas Reel Lucas ~~Shot~~ / Lead 35 lbs.

Turns 128 Cor'n none Depth 128 fms.

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

Character of Bottom Cse. S.

Thermom. Make / No. None used Cor'n Instr. / Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 78° Time 11.12 / 78° Time 11.25 Air 80½° / 81°

Density: Surf. 1.02426 fms.

Wind: Direction N.N. W Force 2

Baromet. 29.71 Amt. of Clouds .3 State of Sea S.

Weather bc.

Direction and Force of Current. Surface / Bottom

Tide

Sibutu Id. S. End N38°W. 13.5 mi.

General Locality Sulu Sea

Bulubulu Id N27°W Sibutu Reef (N.E. Id.) N49°E.

Position 4°-28'-00"N 119-19'-30"E.

Chart used: No. C.S. 4722 Ed'n

Drift: Direction S 27E. Distance .5

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz N.R. 5 glass floats 2 trimming weights, 1 tail weight 1 sinking weight 250#, 1 mud bag, 1 chain

Time towing h. 1 2/3 m.

Remarks: Chain broken, frame of mud bag broken, 1 bridle stop carried away.

Deck Officer Mr Metters Recorder C.E. McLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
@ M.	Down.		Up.	@ M.			@ M.	Down.		Up.	@ M.	
11	03	45	11	08	25	0	11	11	35	11	25	55
11	05	00	11	07	20	100	11	14	55	11	21	40
11	05	40	11	07	00	128 ~~200~~ 150	11	16	30	11	18	30
						300						
						400						
						500						
						600						
						700						
						800						
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						4800						
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Dredge ~~Hydrog.~~ No. 5172 Date, March 5, 1908

Sdg. Mch. Lucas Reel Lucas Shot ~~Lead~~ 30 lbs.

Turns 318 Cor'n —— Depth 318 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample plentiful

Character of Bottom fne S., sh.

Thermom. Make See the No. remarks Cor'n Instr. -.4 3 Stem. -.6 4

277 fm ~~Bottom~~ Reading 54° Cor'd Temp. 53.3

Temp. Surf. 82° Time 10.15 82° Time 10.52 Air 84° 85°

Density: Surf. 1.02447 ✓ 277 fms. 1.02496

Wind: Direction E.N.E. Force 2

Baromet. 29.71 Amt. of Clouds .8 State of Sea S

Weather bc

Direction and Force of Current. Surface Bottom

Tide Chrt. plotted on H.O. 1704

Jolo St. E. 24.75 mi.

General Locality

Usada Id. (E) N 18° W Basbas Id. (S) S 80° W.

Position 6°-03'-15" N 120°-35'-30" E

Chart used: No. C.S. 4722 Ed'n

Drift: Direction N-47° W Distance 1 mi.

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz, 5 glass floats, 2 trimming weights, 1 tail weight, 1 mud bag, 1 chain,

Time towing h. 20 m.

Remarks: Tried sounding with Tanner mach. + stopped at 277 fath (309 turns) Used therm # 108023, N.Z. Temperature with same 54°. Used water bottle with this sounding.

Chain broken + net slightly torn on outside of bag.

Deck Officer Mr Metters Recorder C.E. DeLong.

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
@ M.	Down.		Up.		@ M.		@ M.	Down.		Up.		@ M.
10	02	50	10	09	15	0	10	14	50	11	05	55
10	04	00	10	08	30	100	10	18	30	11	02	00
10	05	00	10	07	55	200	10	22	05	10	58	25
10	00	50	10	07	10	300	10	25	45	10	54	40
10	06	05	10	06	50	318 400	10	28	40			
						500	10	30	30	10	50	30
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400				5172		
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		50				1700						
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Ok pl.

Dredge / Hydrog. No. 5174 Date, Mar 5, 19

Sdg. Mch. Tanner Reel TN ~~Shot~~ Lead 10 lbs.

Turns 20 Cor'n Depth 20 fms.

Sdg. Cup Forming Amt. Bot'm Sample 20 (about)

Character of Bottom Cr, sw

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

Bottom Reading Cor'd Temp.

Temp. Surf. 82 Time 3:52 P / Time Air 100°

Density: Surf. fms.

Wind: Direction N.E. Force 2

Baromet. 29.62 Amt. of Clouds 5 State of Sea S

Weather Vc

Direction and Force of Current. Surface / Bottom

Tide Jolo St. E, 2.6 mi.

General Locality Sulu Sea

Marongas Id W N 3° W Daingapic Pt. N 67° E.

Position 6-03-45 N - 120-57-00 E

Chart used: No. 4542 E.S. Ed'n

Drift: Direction N 58° E Distance .4

Depth of Haul bottom

Apparatus and Rig used 9' Albatross blake "harrow" 1 tail wt. 1 glass float 250# cable wt.

Time towing — h. 6 m.

Remarks:

Deck Officer Mr. Hazard Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			___ M.	Down.		Up.		___ M.
3	45	30	3	46	-	0	3	49	-	3	59	-
3	45	40	3	45	45	20 38 100	3	50	40	3	57	-
						200						
						300						
						400						
						500						
						600						
						700						
						800						
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						4900						

Dredge / ~~Hydrog~~ } No. S-176 Date, March 24, 19

Sdg. Mch. [illegible] Reel Shot / Lead } lbs.

Turns No Cor'n Depth fms.

Sdg. Cup Lowering Amt. Bot'm Sample

Character of Bottom

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

Bottom Reading Cor'd Temp.

Temp. Surf. { 79° Time 702 / 79° Time } Air { 80° / 80° }

Density: Surf. fms.

Wind: Direction E. NE. Force 3

Baromet. 29.83 Amt. of Clouds 6 State of Sea 2

Weather Clear

Direction and Force of Current. { Surface / Bottom }

Tide

7 miles

General Locality

Malabrigo Lt N 88° E, Escarpada Lt S 87° E

Position Lat 13°35' 15" N Long 120° 53' 20" E

Chart used: No. CS 4240 Ed'n

Drift: Direction S 72° E Distance 1 mi

Depth of Haul Surface

Apparatus and Rig used 10' intermediate used as surface

Time towing h. 2½ m.

Remarks:

Deck Officer Mr Mitters. Recorder N & Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		P ---- M.	DOWN.		UP.		P ---- M.
						0	7	01	00	7	21	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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Dredge ~~Hydrog.~~ No. 5178 Date, Mar 25, 1908

Sdg. Mch. Lucas Reel Lucas Shot ~~Lead~~ 30 lbs.

Turns — Cor'n — Depth 78 fms.

Sdg. Cup Bottom spec cup Amt. Bot'm Sample 6 oz about

Character of Bottom fn sn

Thermom. Make N L Cor'n Instr.

No. 108023 Stem.

Bottom Reading ? (see remarks). Cor'd Temp.

Temp. Surf. 80° Time 8.45 a Air 80°

80° Time 9.15 80°

Density: Surf. 1.02515 fms. 1.02516

Wind: Direction NE Force 3

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

Weather bcy

Direction and Force of Current. Surface

Bottom

Tide

Pt Origon S 5°E - 2.3 mi.

General Locality

East pt. Tablas Id. S 45 E. Pt. N of Sangilan Pt S 41 W.

Position 12°-43'-00 N 122°-06'-15" E

Chart used: No. CS 4714 Ed'n

Drift: Direction N 84° W Distance 2.

Depth of Haul 78

Apparatus and Rig used 12' Agassiz N.R. 1 tail w/ 1 m bag 5 glass balls, towing wts 2 wing bags 1 chain

Time towing h. 20 m.

Remarks: Then failed to trip.

Deck Officer Mr Hazard Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M.	Down.		Up.		A. M.		A. M.	Down.		Up.		A. M.
8	33	20	8	36	20	0	8	44	30		18	10
	84	30	8	35	30	78 100		48	30		14	40
						150 200	8	51	20	9	11	20
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
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Dredge / ~~Hydrog.~~ No. 5180 Date, 26 March, 1908

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

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

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

No Sdg

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. 80° Time 7:35p. / 80° Time 7:50p Air 79° / 79°

Density: Surf. 1.02530 _____ fms.

Wind: Direction NE Force 2

Baromet. 29.76 Amt. of Clouds 4 State of Sea S

Weather tc.

Direction and Force of Current. Surface _____ Bottom _____

Tide _____

Romblon St N 6°30'E. 7.1 mi.

General Locality _____

Romblon Id (S) N 85° E - Tables Id (NE)

Position 12°28'30" N - 122°15'00" E. N 25° W

Chart used: No. C.S. 4715 Ed'n —

Drift: Direction S 5° E Distance —

Depth of Haul Surface.

Apparatus and Rig used 10' Inter. used as surface net. big sinker 250# and 13 fms. dredge rope.

Time towing — h. 20 m.

Remarks: _____

Deck Officer Mr. Cassidy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		Ø ---- M.	DOWN.		UP.		Ø ---- M.
						0	7	32	00	7	54	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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Dredge / ~~Hydrog.~~ No. 5182 Date, March 27, 1908

Sdg. Mch. Tanner Reel T. U. ~~Shot~~ / Lead 35 lbs.

Turns 24 Cor'n — Depth 24 fms.

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

Character of Bottom fine S. M.

Thermom. Make None Cor'n Instr.
No. Stem.

Bottom Reading Used Cor'd Temp.

Temp. Surf. 80° Time 9 43 Air 81°
80° Time 9.55 81°

Density: Surf. 1.02515 fms.

Wind: Direction N.N.E. Force 3-4

Baromet. 2976 Amt. of Clouds .8 State of Sea C

Weather bc.

Direction and Force of Current. Surface
Bottom

Tide

3.7 mi.

General Locality
Sipota Pt. S 56° W, antonio Id. (S) N 43° W

Position 11°-30'-40" W - 123°-23'-20" E.

Chart used: No. C.S. 4417 Ed'n

Drift: Direction S. 39° W Distance .7

Depth of Haul bottom

Apparatus and Rig used 9' Alb Bdk. harrow at 250# weight, 1 tail wt, 1 glass float

Time towing h. 8 m.

Remarks:

Deck Officer Mr Metters Recorder C. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M.	DOWN.		UP.	9 M.			9 M.	DOWN.		UP.	9 M.	
9	42	35	9	43	30	0	9	44	50	9	56	40
9	42	45	9	42	50	24 ~~100~~ 23	9	46	30			
						~~200~~ 49	9	47	20			
						~~300~~ 55	9	51	20	9	57	20
						400						
						500						
						600						
						700						
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Dredge / Hydrog. No. 5183 Date, Mar 30, 1928

Sdg. Mch. Lucas Reel Lucas Shot / Lead 30 lbs.

Turns — Cor'n — Depth 96 fms.

Sdg. Cup botm. spec. Amt. Bot'm Sample cup full

Character of Bottom sft gn. M.

Thermom. Make N.T. No. 108023 Cor'n Instr. -.3 Stem. -.26

Bottom Reading 64 Cor'd Temp. 63.44

Temp. Surf. 81° Time 10:35 / 81° Time 11:15 Air 83° / 84°

Density: Surf. 1.02489 botm. fms. 1.02551

Wind: Direction E Force 3

Baromet. 29.76 Amt. of Clouds 4 State of Sea S

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

General Locality

Tusaran Lt. S 29° E Bundulan Pt N 45° E

Position 10°-32'-48" N - 122°-26'-00" E.

Chart used: No. CS 4476 Ed'n

Drift: Direction S 78° W Distance .7

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz N.R. 1 m. bag, 1 tail ut. 2 wing bags, 5 glass balls, 1 chain, 2 wing nuts

Time towing — h. 20 m.

Remarks: water bottle was used with sounding. towing for 9 minutes with 192 fms out and then let out to 250 fms. towing 11 mi

Deck Officer McCassidy Recorder Roberts

11—1023

SOUNDING WIRE. P.M. Down.			SOUNDING WIRE. Up.			FMS.	DREDGING CABLE. P.M. Down.			DREDGING CABLE. Up.		DREDGING CABLE. A.M.
10	25	30	10	28	30	0	10	33	40	11	11	10
10	26	50	10	27	50	96 100	10	37	–		07	30
						~~200~~ 192	10	40	10		04	10
						~~300~~ 350	10	51	–	11	02	–
						400						
						500						
						600						
						700						
						800						
						900						
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						4900						

Dredge ~~Hydrog.~~ No. 5184 Date, Mar. 30th, 1908

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

Turns 565 Cor'n — Depth 565 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 1 oz.

Character of Bottom gn. M.

Thermom. Make N.3. No. 108023 Cor'n Instr. -.23 Stem. -.76 4.5

Bottom Reading 50.5 Cor'd Temp. 49.58

Temp. Surf. 83° Time 1:20p. 82° Time 2:37p Air 90° 92°

Density: Surf. 1.02489 fms. 1.02505

Wind: Direction NE Force 1-2-4-3

Baromet. 29.69 Amt. of Clouds 9 State of Sea S

Weather Bctl

Direction and Force of Current. Surface Bottom

Tide

11.25 mi.

General Locality

Lusaran Lt. N 22° E - Unisan Ld. N 82° E.

Position 10°18'30" N - 122°23'30" E.

Chart used: No. C.S. 4718 Ed'n —

Drift: Direction S 52° W Distance 2.0 m.

Depth of Haul Bottom.

Apparatus and Rig used 12' Agassiz N.R.; 5 glass floats; chain; wing wts & wing mud-bags; tail wt & tail mud bag.

Time towing — h. 20 m.

Remarks: Waterbottle used in sdg. — Brahm was lowered to pick up floating sea weed, etc. —

Deck Officer Mr Metters Recorder Anikit

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	Down.		Up.	M.			M.	Down.		Up.	M.	
1	02	55	1	13	20	0	1	18	00	2	52	20
	03	55		12	40	100		21	45		48	45
	04	57		12	10	200		25	30		45	30
	05	55		11	35	300		29	00		42	00
	06	55		11	00	400		32	20		38	25
	08	00		10	25	500		35	20		34	50
1	08	40	1	09	50	565 600		38	15		31	10
						700		41	10		27	35
						800		44	10		24	10
						900		47	20		20	40
						1000		50	05		17	10
						1100	1	53	10	2	13	10
						1200						
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Dredge / ~~Hydrog.~~ No. 5185 Date, Mar 30, 1908

Sdg. Mch. Lucas Reel Shot / ~~Lead~~ 35 lbs.

Turns 638 Cor'n — Depth 638 fms.

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

Character of Bottom gn. M.

Thermom. Make N.Z. No. 108023 Cor'n Instr. -.23 Stem. -.~~75~~ 5

Bottom Reading 50.5 Cor'd Temp. 49.~~58~~

Temp. Surf. 82° Time 4.52 / 82° Time 6.20 Air 81° / 81°

Density: Surf. 1.02481 ✓ bottom fms. 1.02492

Wind: Direction N.E. X N. Force 3

Baromet. 29.69 Amt. of Clouds 10 State of Sea S

Weather O

Direction and Force of Current. Surface / Bottom

Tide

Susaran St. N 22 E. 25.5 mi.

General Locality Isio Pt S 68° E, Binigsian Pt S 14° E.

Position 10° 05' 45" N. 122° 18' 15" E

Chart used: No. 4718 Ed'n

Drift: Direction S 64° W Distance 2.5 mi.

Depth of Haul from 520 to 600 fath.

Apparatus and Rig used 10' Intermediate, 250# weight

Time towing h. 20 m.

Remarks:

Deck Officer Mr Haggard Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.		P. M.		P. M.	Down.		Up.		P. M.
4	32	20	4	46	30	0	4	50	30	6	34	35
4	33	40	4	45	40	100	4	54	00	6	29	15
4	34	40	4	44	00	200	4	58	10	6	24	50
4	35	40	4	43	20	300	5	01	50	6	20	10
4	36	40	4	42	30	400	5	05	20	6	15	30
4	37	45	4	41	50	500	5	08	50	6	10	40
4	38	50	4	41	00	600	5	12	25	6	05	50
4	39	25	4	40	40	~~700~~ 637	5	15	55	6	00	50
						800	5	19	20	5	56	00
						900	5	22	40	5	51	10
						1000	5	26	00	5	46	00
						1100						
						1200						
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Dredge / ~~Hydrog.~~ No. 5186 Date, Mar 30, 19 08

Sdg. Mch. — Reel — Shot / Lead — lbs.

Turns — Cor'n — Depth — fms.

Sdg. Cup — Amt. Bot'm Sample —

Character of Bottom —

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

Bottom Reading — Cor'd Temp. —

Temp. Surf. 80° Time 8:05 / 80° Time 8:24 Air 81° / 81

Density: Surf. 1.02530 fms.

Wind: Direction Variable Force 1

Baromet. 29.72 Amt. of Clouds 9 State of Sea 5

Weather bcf

Direction and Force of Current. Surface — Bottom —

Tide —

Lusaran St. N 20° E. 39 mi.

General Locality Lusaran St.
No bearings taken

Position 9°-53'-30" N. - 122°-35'-30" E.

Chart used: No. 4718 Ed'n

Drift: Direction S. 4° W. Distance 8

Depth of Haul Surface

Apparatus and Rig used 10' inter.

Time towing — h. 20 m.

Remarks:

Deck Officer Mr Mathews Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.		DOWN.	UP.		M.		M.		DOWN.	UP.		M.
						0	8	01	10	8	22	10
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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Dredge / ~~Hydrog.~~ No. 5187 Date, Mar. 31, 1908

Sdg. Mch. Lucas Reel Lucas Shot / ~~Lead~~ 35 lbs.

Turns 225 Cor'n — Depth 225 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 2 1/2 q.

Character of Bottom Sft. gn. M.

Thermom. Make N.Y. Cor'n Instr. -.25

No. 108022 Stem. -.4

Bottom Reading 54.2° Cor'd Temp. 53.55

Temp. Surf. 81° Time 1:13 p.m. Air 87°

81° Time 1:48 p.m. 96.5°

Density: Surf. 1.02475 Bottom fms. 1.02492

Wind: Direction NNE Force 3

Baromet. 29.71 Amt. of Clouds 6 State of Sea 5

Weather Fr.

Direction and Force of Current. Surface

Bottom

Tide Kunaguete St. N 52° W. - 3.5 mi.

General Locality

No bearings taken.

Position 9° 16' 45" N - 123° 21' 15" E

Chart used: No. C.S. 4718 Ed'n —

Drift: Direction W by S. (S. 79° W). Distance 0.6 m.

Depth of Haul Bottom.

Apparatus and Rig used 9' S.-B. "Harrow", 1 glass float, 1 trawl

Time towing — h. 11 m.

Remarks: Wtr. cup used at sdg. — Accumulator lively during entire haul. After towing 10 min. regulated & then commenced to lower in. Under a pressure of 2-3, until 200 fms.; then acc. regulated 4-5 till net at surface with head of mud. While —

Deck Officer Mr. Hazard Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M.	Down.	Up.	P.	M.		P.	M.	Down.	Up.	P.	M.
1	03	30	1	09	30	0	1	12	35	2	27	30
	04	45		08	30	100		16	25	2	06	20
	05	50		07	35	200		19	50		48	00
1	06	10	1	07	10	225 300		24	20		43	10
						~~400~~ 380	1	26	00	1	37	20
						500						
						600						
						700						
						800						
						900						
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playing the hose on contents, the tail lashing gave way and the load was lost. Also the tail weight.

Dredge / Hydrog. No. 5188 Date, April 1, 1908

Sdg. Mch. Lucas Reel Lucas Shot / ~~Lead~~ 35 lbs.

Turns 299 Cor'n — Depth 299 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 1½ oz.

Character of Bottom gn. M.

Thermom. Make N.Z. No. 108023 Cor'n Instr. -.3 Stem. -.27

Bottom Reading 63.2 Cor'd Temp. 62.63

Temp. Surf. 81° Time 10.30 / 81° Time Air 82½° / 84¾°

Density: Surf. 1.02475 botm. fms. 1.02502

Wind: Direction N. Force 3

Baromet. 29.75 Amt. of Clouds 1 State of Sea S

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

Pescador Id. N 16° E - 14 mi.

General Locality North Bais Id. S 35° W

Amonoyong Mt N. 5° W

Position Lat 9° 44' 00" N 123° 14' 20 E"

Chart used: No. 4718 Ed'n

Drift: Direction N 63° W Distance .6 mi

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz, 2 trimming weights, 1 tail weight, 3 mud bags 5 glass floats, 1 chain

Time towing h. 20 m.

Remarks:

Deck Officer Mr. Mitters Recorder C. E. McLaug

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
a M.	Down.		Up.	a	M.		a M.	Down.		Up.	a	M.
10	17	50	10	23	45	0	10	29	00	11	20	20
10	18	40	10	23	00	100	10	33	00	11	16	20
10	19	35	10	22	20	200	10	36	35	11	12	35
10	20	35	10	21	35	~~300~~ 289	10	40	15	11	08	45
						400	10	44	10	11	04	10
						500						
						600						
						700						
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Dredge / Hydrog. No. 5189 Date, April 1, 1908

Sdg. Mch. Lucas Reel Lucas Shot ~~Lead~~ 30 lbs.

Turns Cor'n Depth 300 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 2 oz

Character of Bottom gn m

Thermom. Make N.T. No. 108023 Cor'n Instr. -.30 Stem. -.27

Bottom Reading 63.4 Cor'd Temp. 62.83

Temp. Surf. 82° Time 1:18 P. 82 Time 2:17 P. Air 85° 89°

Density: Surf. 1.02468 botm fms. 1.02495

Wind: Direction N.W. Force 3

Baromet. 29.70 Amt. of Clouds 2 State of Sea S

Weather VC

Direction and Force of Current. Surface Bottom

Tide

3.3 mi.

General Locality

Pescador Id. N72°E Capton Pt N46°E

Position 9°56'45 N - 123°15'00" E

Chart used: No. 4718 C8. Ed'n —

Drift: Direction N70°E Distance 1.0 m

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz N.R. two wing wts and bags 1 m bag 1 tailout 1 chain, 5 glass balls

Time towing h. 20 m.

Remarks:

Deck Officer Mr Hagard Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P.	M. Down.		Up.	P.	M.		P.	M. Down.		Up.	P.	M.
1	04	30	1	11	20	0	1	15	–	2	14	20
	05	40		10	20	100		19	50		09	25
	06	35		09	30	200		23	30		04	50
1	07	40	1	08	40	300		27	20	2	–	10
						400		30	40		55	30
						~~500~~ 450	1	32	40	1	52	40
						600						
						700						
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Dredge / Hydrog. No. 5190 Date, 1 Sept., 1928

Sdg. Mch. Lucas Reel Lucas Shot / Lead 35 lbs.

Turns 295 Cor'n Depth 295 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 1½ oz

Character of Bottom gn. M.

Thermom. Make NB No. 108023 Cor'n Instr. -.3 Stem. -.26

Bottom Reading 63.5° Cor'd Temp. 62.94

Temp. Surf. 83° Time 4:26 p. 63° Time 5:06 Air 72.5° 90°

Density: Surf. 1.02468 bottom fms. 1.02482

Wind: Direction North Force 2

Baromet. 29.66 Amt. of Clouds 3 State of Sea S

Weather bc

Direction and Force of Current. Surface Bottom

Tide

10.7 mi.

General Locality Pescadero Pt. S 9° E. San Jose N 25° W

Position 10°08' 45" N - 123°16' 45" E

Chart used: No. CS 4718 Ed'n —

Drift: Direction N 43° W Distance 0.8 m.

Depth of Haul bet 240 and 270 fms.

Apparatus and Rig used 10' Inter.; 250 ft Sinker

Time towing — h. 20 m.

Remarks: Wt. bottle used in sounding.

Deck Officer Mr. Cassidy Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M.	Down.	Up.	P	M.		P	M.	Down.	Up.	P	M.
4	13	00	4	19	15	0	4	23	25	5	18	50
	14	00		18	20	100		27	30		14	20
	15	00		17	40	200		31	35		09	40
4	15	50	4	17	00	295 300		35	15	5	05	00
						400	4	39	00	4	59	00
						500						
						600						
						700						
						800						
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Dredge / Hydrog. No. 5191 Date, April 2, 1908

Sdg. Mch. Lucas Reel Lucas Shot / Lead 30 lbs.

Turns 258 Cor'n Depth 258 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 3 oz

Character of Bottom gn M.

Thermom. Make N.Z. No. 108023 Cor'n Instr. -.30 Stem. -.27

Bottom Reading 63.4 Cor'd Temp. 62.83

Temp. Surf. 83° Time 3.15 / 83 Time Air 93° / 91½

Density: Surf. 1.02497 botm fms. 1.02516

Wind: Direction N.N.W. Force 1

Baromet. 29.68 Amt. of Clouds .7 State of Sea S

Weather bc.

Direction and Force of Current. Surface / Bottom

Tide

7.75 mi

General Locality (3)
Refugio Id S 74° W Calatrava Town N 29° W

Position 10°29'-45" N - 123°-31'-15" E

Chart used: No. CS 4718 Ed'n —

Drift: Direction S 88° W Distance 0.9

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz, 2 trimming weights, 1 tail weight, 3 mud bags, 1 chain, 5 glass floats.

Time towing h. 20 m.

Remarks: Watch used 1½ min slower than ships time.

Deck Officer Mr Mettas / Mr Cassidy Recorder M C Roberts / C E D Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	P. M.	
2	55	35	3	00	45	0	3	10	45	4	02	00
2	56	20	3	00	00	100	3	14	20	3	58	15
2	57	15	2	59	15	200	3	18	00	3	54	30
2	57	50	2	58	50	300	3	21	40	3	50	20
						400	3	25	40	3	45	40
						500						
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Dredge / Hydrog. No. 5192 Date, April 3, 1908

Sdg. Mch. Tanner Reel Tanner Shot / Lead 35 lbs.

Turns 32 Cor'n Depth 32 fms.

Sdg. Cup Snapper Amt. Bot'm Sample cupfuse

Character of Bottom gn sn

Thermom. Make none used Cor'n Instr. / Stem.

No.

Bottom Reading Cor'd Temp.

Temp. Surf. 82° Time 9:40 a Air 82°

82° Time 9:50 a 82°

Density: Surf. 1.02518 fms. —

Wind: Direction NE Force 4

Baromet. 29.80 Amt. of Clouds 6 State of Sea 8

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

3 mi.

General Locality

Ogden Pt S 78 W Jalantaguan I (E) N 13 W

Position 11-09-15 N-123-50-00 E

Chart used: No. CS 4718 Ed'n —

Drift: Direction NW Distance .2

Depth of Haul bottom

Apparatus and Rig used 9' Albatross Blake, Larrow, 1 tail wt 1 glass ball, 250# wt.

Time towing — h. 3 m.

Remarks:

Deck Officer Mr Cassidy Ensn Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
AM.	DOWN.		UP.	AM.			AM.	DOWN.		UP.	AM.	
9	27	20	9	28	20	0	9	58	30	9	46	30
9	27	30	9	27	40	37 68 100	9	40	20	9	43	40
						200						
						300						
						400						
						500						
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Dredge / Hydrog. No. 5193 Date, Apr 3, 19

Sdg. Mch. Tanner Reel TN ~~Shot~~ Lead 30 lbs.

Turns 71 Cor'n Depth 71 fms.

~~Sdg. Cup~~ tallow on lead Amt. Bot'm Sample 2 oz

Character of Bottom gn. m.

Thermom. Make None used Cor'n Instr.

No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 82° Time 11:10 a Air 86°

82 Time 11:40 a 90°

Density: Surf. 1.02503 fms. —

Wind: Direction NE Force 2

Baromet. 29.77 Amt. of Clouds 3 State of Sea S

Weather Vc

Direction and Force of Current. Surface

Bottom

Tide Chocolate Id. N 77° E. 7.75 mi.

General Locality Gate 2. N 25 E Chocolate 2 N 77 E

Position 11-16-45 N - 123-55-45 E

Chart used: No. CS 4718 Ed'n —

Drift: Direction N 44° W Distance 1.3

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz NR 1 chain, 2 wing wts, 2 wing bags, 1 tail wt 1 m bag, 5 glass balls

Time towing — h. 20 m.

Remarks:

Deck Officer McCassidy Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M.	Down.		Up.	P. M.			P. M.	Down.		Up.	G. M.	
11	02	10	11	05	10	0	11	06	—	11	37	30
11	02	40	11	08	10	71 100		10	20		38	40
						~~200~~ 132	11	12	—	11	02	—
						300						
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Dredge ~~Hydrog.~~ No. 5194 Date, Apl. 3, 1908

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

Turns 148 Cor'n Depth 148 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 2 1/2 oz.

Character of Bottom gn. M.

Thermom. Make NZ. No. 108023. Cor'n Instr. -.25 Stem. -.37

Bottom Reading 57.1° Cor'd Temp. 56.5

Temp. Surf. 83° Time 2:00p. 83° Time 2:44p. Air 85° 84°

Density: Surf. 1.02447 botm fms. 1.02597

Wind: Direction NW by W Force 2.

Baromet. 29.70 Amt. of Clouds 4 State of Sea S

Weather bc

Direction and Force of Current. Surface Bottom

Tide Chocolate Id. N 65° W - 8 mi.

General Locality Bulalaqui Pt. N 75 W. Malapasqua Id. (E)

Position 11°15'30" N - 124°11'00" E. N 36 W

Chart used: No. CS 4718 Ed'n -

Drift: Direction S 25° W Distance 0.8 mile

Depth of Haul Bottom.

Apparatus and Rig used 12' Agassiz NR as before; also chain.

Time towing - h. 20 m.

Remarks: Wtr. bot. used at sdg.

Deck Officer Mr. Mathers Recorder Amkit

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M. Down.			Up. P M.				P M. Down.			Up. P M.		
1	56	00	1	59	30	0	2	03	00	2	45	30
	56	55		58	50	100		07	00		41	40
1	57	30	1	58	30	148 200		11	00		37	40
						300 214		11	40			
						400 250	2	15	00	2	35	10
						500						
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Dredge / Hydrog. No. 5195 Date, Apr 3, 1908

Sdg. Mch. Reel Shot / Lead lbs.

Turns No Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Sndg

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

Bottom Reading Cor'd Temp.

Temp. Surf. 84° Time 7 03 / 84° Time 7 22 Air 82½° / 82°

Density: Surf. 1.02514 fms.

Wind: Direction Variable Force 0-1

Baromet. 29.74 Amt. of Clouds .1 State of Sea S

Weather bc

Direction and Force of Current. Surface / Bottom

Tide

Capitancillo Id. St. N 11.75 mi.

General Locality

no bearing

Position 10-47-00-124°-06'-30"E

Chart used: No. CS 4778 Ed'n

Drift: Direction S. 22°30' E. Distance 1.5

Depth of Haul Surface

Apparatus and Rig used 10' Intermediate

Time towing h. 20½ m.

Remarks:

Deck Officer Mr Cassidy Recorder C.E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M. Down.			Up.		---- M.		P ---- M. Down.			Up.		P ---- M.
						0	7	03	00	7	23	30
						100						
						200						
						300						
						400						
						500						
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Dredge / Hydrog. No. S-196 Date, April 3, 1928

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

Turns 200 Cor'n ____ Depth ____ fms.

Sdg. Cup Sounding Amt. Bot'm Sample ____

Character of Bottom ____

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 82° Time 7.42 / 82° Time 8.02 Air 81½° / 81°

Density: Surf. 1.02578 ____ fms. ____

Wind: Direction variable Force 0-1

Baromet. 29.76 Amt. of Clouds 2 State of Sea 2

Weather Clear.

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

Capitanello St. N 5°-30' W - 143 mi.

General Locality ____

no bearings

Position 10°-44'-30' - 124°-07'-30" E.

Chart used: No. ____ Ed'n ____

Drift: Direction ____ Distance ____

Depth of Haul Surface

Apparatus and Rig used 10' Intermediate

Time towing ____ h. 20 m.

Remarks: ____

Deck Officer Wm Cassidy Recorder C. E. Long

11—1923

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.	___ M.			2 M.	DOWN.		UP.	2 M.	
						0	7	42	00	8	02	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
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					○	4700						
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						4900						

Dredge ~~Hydrog.~~ No. 5197 Date, April 9, 1908

Sdg. Mch. Lucas Reel Lucas Shot ~~Lead~~ 30 lbs.

Turns Cor'n Depth 17 x fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample none

Character of Bottom gn-m. (m-bag)

Thermom. Make T.Z. No. 108023 Cor'n Instr. -.25 Stem. -.4

Bottom Reading 55 Cor'd Temp. 54.3

Temp. Surf. 81° Time 8:48 A 81° Time 9:27 A Air 89° 91°

Density: Surf. 1.02489 Botm fms. 1.02513

Wind: Direction Various Force 0-1

Baromet. 29.75 Amt. of Clouds 3 State of Sea 8

Weather bcw

Direction and Force of Current. Surface Bottom

Tide Baliscasag Id. S - 22 mi.

General Locality Cruz Pt. (Bohol) S 36° E Cabelao Id (N) N 81° E

Position 9-52-30 N - 123-40-45 E

Chart used: No. CS 4718 Ed'n 1.0

Drift: Direction N 58° W Distance 1.0

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz N.R. 1 chain 5 glass balls, 2 wing bags 2 wing nts 1 tail wt. 1 m. bag.

Time towing — h. 20 m.

Remarks:

Deck Officer Mr Cassidy Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A	M. Down.		Up.	A	M.		A	M. Down.		Up.	A	M.
8	32	30	8	37	—	0	8	44	50	9	25	30
	33	40		36	20	100		48	30		21	40
8	36	25	8	35	25	200		52	—		17	30
						~~300~~ 250	8	55	—	9	15	—
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4900						

Dredge ~~Hydrog.~~ No. 5198 Date, Apr 9, 1909

Sdg. Mch. Lucas Reel Lucas Shot ~~Lead~~ 30 lbs.

Turns Cor'n Depth 220 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 2 oz.

Character of Bottom gn m.

Thermom. Make T.L. No. 108023 Cor'n Instr. -.25 Stem. -.40

Bottom Reading 54.5 Cor'd Temp. 53.9

Temp. Surf. 81° Time 11:12 a. Time Air 84°

Density: Surf. 1.02434 fms. 1.02500

Wind: Direction N Force 2

Baromet. 29.73 Amt. of Clouds 3 State of Sea S

Weather bc.

Direction and Force of Current. Surface Bottom

Tide

10.25 mi.

General Locality

Cruz Pt N 71° E Balicasag 2d S 6° E

Position 9-40-50 N - 123-39-45 E

Chart used: No. CS 4718 Ed'n —

Drift: Direction S 54° W Distance 1.1

Depth of Haul Bottom

Apparatus and Rig used 12' Agassiz N.R. 1 chain 5 glass balls, 2 brinning sets 2 wing bags 1 m. bag 1 tail ut.

Time towing h. 20 m.

Remarks:

Deck Officer Mr Cassidy Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.M.	Down.		Up.	A.M.			A.M.	Down.		Up.	A.M.	
11	02	50	11	07	30	0	11	11	40	11	58	50
	03	40		06	50	100		15	30		54	00
	04	40		06	10	200		19	00		50	30
11	05	00	11	06	00	220 300 ~~400~~		22	40		46	50
							11	25	00	11	45	00
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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Dredge / ~~Hydrog.~~ No. 5199 Date, 9 Apl., 1908

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

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

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

Bottom Reading No sdg. Cor'd Temp. _____

Temp. Surf. 79° Time 7:38 p. 79° Time 7:57 p. Air 83° 83°

Density: Surf. 102530 fms. —

Wind: Direction NNE Force 1-2

Baromet. 29.69 Amt. of Clouds 0 State of Sea S

Weather b.

Direction and Force of Current. Surface _____ Bottom _____

Tide _____

Pamilacan Id (E) S 63°30'W 6.25 mi.

General Locality _____

Position 9°31'50"N - 124°00'40"E.

Chart used: No. CS 4719 Ed'n -

Drift: Direction East Distance 0.6 m.

Depth of Haul Surface

Apparatus and Rig used 10' Inter. as Surf.; 250# sinker.

Time towing _____ h. 20 m.

Remarks: _____

Deck Officer Mr. Mettus Recorder [signature]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.			Down.	Up.	M.		M.			Down.	Up.	M.
						0						
						100	7	55	50	7	55	55
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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Dredge / ~~Hydrog.~~ No. S-210 Date, April 9, 1908

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

Turns No Cor'n ____ Depth ____ fms.

Sdg. Cup ____ Amt. Bot'm Sample ____

Character of Bottom Sounding

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

Bottom Reading ____ Cor'd Temp. ____

Temp. Surf. 79° Time 7.08 Time ____ Air 82½

Density: Surf. 1.02468 ____ fms. ____

Wind: Direction NE, Force 2

Baromet. 29.76 Amt. of Clouds 0 State of Sea 2

Weather 2

Direction and Force of Current. Surface ____ Bottom ____

Tide ____

Pamilacan 2d (C) S. 66° W 7.25 mi.

General Locality ____

Position Lat 9° 31' 50" N. Long 124° 02' 05" E.

Chart used: No. C.S. 4719 Ed'n ____

Drift: Direction (C) Distance (0)

Depth of Haul Surface

Apparatus and Rig used 40' Intermediate, 250# weight

Time towing ____ h. 18½ m.

Remarks: ____

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

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.		DOWN.	UP.		____ M.		P___ M.		DOWN.	UP.		P____ M.
						0	8	0	700	7	25	40
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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						4900						

Dredge / Hydrog. No. 5201 Date, April 10, 1908

Sdg. Mch. Lucas Reel Lucas Shot / Lead 30 lbs.

Turns 554 Cor'n Depth 554 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 2 oz.

Character of Bottom gy S. M.

Thermom. Make N. Z. No. 108023 Cor'n Instr. -.25 Stem. -.36

Bottom Reading 53.4° Cor'd Temp. 52.8°

Temp. Surf. 79° Time 8 30 / 80° Time 9 45 Air 80° / 85°

Density: Surf. 1.02440 Botm fms. 1.02497

Wind: Direction N.N.W. Force 1

Baromet. 29.75 Amt. of Clouds 8 to 10 State of Sea S

Weather bc, to [illegible] op.

Direction and Force of Current. Surface / Bottom

Tide

14.8 mi.

General Locality Malitbog (town) S 83° W

Limasana I'd (E) S 1° E.

Position Lat 10° 10' 00" N. Long 125° 04' 15" E

Chart used: No. 4719 Ed'n

Drift: Direction S 24° W Distance 1.5'

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz, 1 chain, 3 mud bags, 2 trimming weights, + 1 tail weight, 5 glass floats.

Time towing h. 20 m.

Remarks: Stopped with 800 fath out for five min, and at 900 fath for 2 1/2 min. Time out counted from 900 faths.

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

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
@ M.	Down.		Up.	@ M.			@ M.	Down.		Up.	@ M.	
8	17	50	8	29	40	0	8	34	00	10	03	00
8	19	00	8	28	50	100	8	38	10	9	59	30
8	20	10	8	28	10	200	8	41	45	9	56	00
8	21	15	8	27	30	300	8	45	20	9	52	35
8	22	30	8	26	45	400	8	48	50	9	49	05
8	23	45	8	26	00	500	8	52	30	9	45	25
8	24	25	8	25	30	534 600	8	56	00	9	41	50
						700	8	59	00	9	38	20
						800	9	02	30	9	34	50
						900	9	10	10	9	31	05
						1000 972	9	13	10	9	30	10
						1100						
						1200						
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						4900						

Dredge / Hydrog. No. 5202 Date, Apr 1 [illegible], 1918

Sdg. Mch. Lucas Reel Lucas Shot / Lead 30 lbs.

Turns 502 Cor'n — Depth 502 fms.

Sdg. Cup Sigsbe Amt. Bot'm Sample 1 oz

Character of Bottom gy. M.

Thermom. Make N.Z. No. 108023 Cor'n Instr. Stem.

Bottom Reading See remarks Cor'd Temp.

Temp. Surf. 80° Time 10 45 / 80° Time 11 30 Air 79 3/4 / 79 1/2

Density: Surf. 1.02440 Botm fms. 1.02467

Wind: Direction N.N.W. Force 1

Baromet. 29.74 Amt. of Clouds 10 State of Sea S

Weather ok.

Direction and Force of Current. Surface Bottom

Tide

Simasana Id (E) S 2° E. 16.5 mi.

General Locality Malitbog town S 67° W

Tabucan Pt S 11° W.

Position 10° 12' 00" N ; 125° 04' 10" E

Chart used: No. 4719 C.S. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz 1 chain 2 trimming weights, 1 tail weight 5 glass floats, 3 mudbags.

Time towing h. 20 m.

Remarks: Ther. failed to work.

Deck Officer Mr. Hayward Recorder C.E. Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
Q.	M.	Down.	Up.	Q.	M.		Q.	M.	Down.	Up.	Q.	M.
10	25	40	10	35	10	0	10	44	30	11	53	35
10	26	50	10	34	20	100	10	45	30	11	50	10
10	27	45	10	33	45	200	10	49	10	11	46	40
10	28	40	10	33	10	300	10	52	45	11	43	10
10	29	30	10	32	20	400	10	56	05	11	39	50
10	30	30	10	31	35	500	10	59	30	11	36	20
10	30	35	10	31	35	600	11	03	00	11	32	20
						700	11	05	35			
						800	11	07	40	11	27	40
						900						
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Dredge ~~Hydrog.~~ No. 5203 Date, Apr 10, 1908

Sdg. Mch. Lucas Reel Lucas Shot ~~Lead~~ 30 lbs.

Turns Cor'n Depth 775 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 4 oz.

Character of Bottom gr m.

Thermom. Make N.L. No. 108023 Cor'n Instr. -.25 Stem. -.37

Bottom Reading 53.5 Cor'd Temp. 52.9°

Temp. Surf. 80° Time 2:36 P 81° Time 4:00 p. Air 82° 83°

Density: Surf. 1.02468 Bottom ~~fms.~~ 1.02606

Wind: Direction N Force 2

Baromet. 29.65 Amt. of Clouds 7 State of Sea S

Weather bcm

Direction and Force of Current. Surface Bottom

Tide

5.5 mi.

General Locality

Limasana Id. (S), S 38° W - Taanaan Pt N 75 W.

Position 9° 58' 00" N - 125° 07' 40" E.

Chart used: No. CS 4719 Ed'n —

Drift: Direction N 72° W Distance 2.7 m —

Depth of Haul Bottom

Apparatus and Rig used 12' Agassiz N R. 1 chain, 2 wing bags, 2 trimming wts, 1 m bag, 1 tail wt. 5 glass balls

Time towing — h. 31 m.

Remarks: 9

Deck Officer and Recorder relieved at 4:00 p. — 2 glass floats missing when travel came up.

Deck Officer Mr Cassidy Mr. Metters Recorder Roberts Fritzsil —

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.			Up.	M.		P	M. Down.			Up.	M.
2	12	50	2	28	00	0	2	35	00	4	47	10
	14	00		27	00	100		38	40		43	45
	15	00		26	10	200		42	50		40	00
	16	00		25	30	300		46	20		36	10
	17	00		24	40	400		50	10		32	20
	18	00		23	55	500		54	15		28	30
	19	00		23	20	600		57	46		24	40
	20	05		22	55	700	3	00	50		20	40
2	20	50	2	21	50	775 800		04	10		16	45
						900		07	20		12	00
						1000		10	35		07	35
						1100		13	50	4	03	10
						1200		17	20		58	45
						1300 1330		27	00			
						1400 1330		46	20		54	00
						1500	3	47	00	3	52	00
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Dredge ~~Hydrog.~~ No. 5204 Date, 11 Apl, 1908

Sdg. ~~Mch.~~ Land line Reel Shot Lead lbs.

Turns Cor'n Depth 15 fms.

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

Character of Bottom gn. M.

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

Bottom Reading Cor'd Temp.

Temp. Surf. 82° Time 9 49 Time Air 84° 78°

Density: Surf. 1.02391 fms.

Wind: Direction E Force 1-5

Baromet. 29.76 Amt. of Clouds 1 State of Sea S

Weather bc to op

Direction and Force of Current. Surface Bottom

Tide

3.5 mi.

General Locality Dio Ld N. 18° W Mariquitdaquit I N 88° E (?)

Position Lat 11° 04' 18" N. Long 125° 05' 30" E

Chart used: No. 4423 C.S. Ed'n

Drift: Direction N. 57° W Distance 1.0 mi.

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz, 1 chain 2 trimming weights, 1 tail weight, 3 mud bags. 5 glass floats

Time towing h. 20 7/15 m.

Remarks:

Deck Officer Mr. Cassidy Recorder C. E. De Long

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
---- M.	DOWN.		UP.		---- M.		a M.	DOWN.		UP.	a M.	
						0	9	46	30	10	10	35
						~~100~~ 30	9	48	25	19	09	00
						200						
						300						
						400						
						500						
						600						
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						4900						

Dredge ~~Hydrog.~~ No. 5205 Date, April 13, 1928

Sdg. Mch. hand lead Reel Shot Lead 14 lbs.

Turns — Cor'n — Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom lost

Thermom. Make None used No. Cor'n Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 83 Time 9:30 a 83 Time 9:35 a Air 84 84

Density: Surf. 1.02448 ~~fms.~~ —

Wind: Direction Calm Force 0

Baromet. 29.82 Amt. of Clouds 9 State of Sea S

Weather bcy

Direction and Force of Current. Surface Bottom

Tide

Caguayan Pt. N 2° E., 7 mi.

General Locality

Cabalanau I (W) S 7° E 1½ mi N E of Sd N 53° E

Position 11-19-30 N-124-58-00 E

Chart used: No. 4769 Ed'n

Drift: Direction Dredge Distance —

Depth of Haul bottom

Apparatus and Rig used 12' Aggassiz N 1 chain, 1 tail ut 1 m bag two trimming wt 2 wing bags 5 glass balls

Time towing h. 5 m.

Remarks: Net became foul on bottom and every-thing carried away except bridal stops and part of net, 3 glass balls, and mud bag

Deck Officer Mr Cassidy Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
___ M.	DOWN.		UP.		___ M.		a M.	DOWN.		UP.	a M.	
						0	9	27	-	9	34	30
						25 100	9	28	30	9	39	—
						200						
						300						
						400						
						500						
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Dredge ~~Hydrog.~~ No. 5206 Date, April 14, 1906

Sdg. Mch. Tanner Reel 7 N ~~Shot~~ Lead 30 lbs.

Turns Cor'n Depth 32 fms.

Sdg. Cup - below on bed Amt. Bot'm Sample 2 oz

Character of Bottom gr. m

Thermom. Make None used Cor'n Instr.

No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 83° Time 10:00 a Air 83°

83° Time 10:27 a 83

Density: Surf. 1.02406 ~~fms.~~ —

Wind: Direction NW Force 0-1

Baromet. 29.78 Amt. of Clouds 5 State of Sea 8

Weather Vcz.

Direction and Force of Current. Surface

Bottom

Tide

5.75 mi.

General Locality Bassal Is. (N. East); Badian 2 (N)

N 27° E Daram Channel between Samar & Leyte

Position 11-31-40 N - 124-42-40 E

Chart used: No. CS 4420 Ed'n -

Drift: Direction N 18° W Distance .7

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz N.R. ~~2 wing nets~~

1 m veg, 1 tail rt. 3 glass balls

Time towing — h. 20 m.

Remarks:

Deck Officer Mr Metters Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M.	Down.		Up.	A. M.			A. M.	Down.		Up.	A. M.	
9	54	-	9	56	-	0	9	59	10	10	26	30
9	54	30	9	55	-	52 ~~100~~ 65	10	02	00	10	22	00
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
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Dredge ~~Hydrog.~~ No. 5207 Date, April 14, 1909

Sdg. Mch. Tanner Reel M. ~~Shot~~ Lead 30 lbs.

Turns 35 Cor'n — Depth 35 fms.

Sdg. Cup Tallow on lead Amt. Bot'm Sample 2 oz.

Character of Bottom gn M & S.

Thermom. Make None use No. Cor'n Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. 84° Time 11:30 a 84° Time 11:50 a Air 86° 85°

Density: Surf. 1.02395 fms. —

Wind: Direction Calm Force 0

Baromet. 29.73 Amt. of Clouds 6 State of Sea S

Weather bcz

Direction and Force of Current. Surface Bottom

Tide

4.7 mi.

General Locality Summit Pt N 18° E Bardian 2 (N) S 14° E Dawan Channel between Samar & Leyte

Position 11-38-05 N-124-40-45 E

Chart used: No. CS4420 Ed'n —

Drift: Direction N 16° E Distance .5

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz N.R. 3 glass balls 2 wing wts, 1 m bag 1 tail wt.

Time towing h. 15 m.

Remarks:

Deck Officer Mr Metters Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A M.	Down.		Up.	A M.			A M.	Down.		Up.	A M.	
11	21	40	11	23	20	0	11	24	30	11	26	30
11	22	00	11	22	–	~~30~~ 100	11	27	30	11	27	30
						200						
						300						
						400						
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Dredge / ~~Hydrog.~~ No. 5208. Date, 14 Feb., 1908

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

Turns 26 Cor'n — Depth 26 fms.

Sdg. Cup Arming. Amt. Bot'm Sample Shot & lead covered with Sft. gn. M.

Character of Bottom Sft. gn. M

Thermom. Make / No. none used Cor'n Instr. — Stem. —

Bottom Reading — Cor'd Temp. —

Temp. Surf. 84° Time 1:00 p. 84° Time 1:20 p. Air 84° 84°

Density: Surf. 1.02483 fms.

Wind: Direction WSW Force 1-2

Baromet. 29.70 Amt. of Clouds 8 State of Sea S

Weather bc

Direction and Force of Current. Surface Bottom

Tide 4.1 mi

General Locality New Catbalogan, Samar

Cavantiguianeo I (C), N76E - Tarataran I (C),

Position 11°45'53"N - 124°42'50"E. S67E

Chart used: No. C.S. 4451 Ed'n —

Drift: Direction N27°E. Distance 0.6 m.

Depth of Haul Bottom.

Apparatus and Rig used As before

Time towing — h. 20 m.

Remarks:

Deck Officer Mr. Hazard Recorder Smith

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M.	Down.		Up.	P. M.			A. M.	Down.		Up.	P. M.	
12	53	30	12	54	25	0	12	57	10	1	22	30
						26 100.50	12	57	15	1	19	30
						200						
						300						
						400						
						500						
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Dredge ~~Hydrog.~~ No. 5209. Date, 14 Apr., 1908

Sdg. Mch. Tanner Reel Shank ~~Shot~~ Lead 25 lbs.

Turns 20 Cor'n — Depth 20 fms.

Sdg. Cup Arming Amt. Bot'm Sample arming & lead covered

Character of Bottom gn. M.

Thermom. Make / No. none used. Cor'n Instr. — / Stem. —

Bottom Reading — Cor'd Temp. —

Temp. Surf. 84° Time 2:10p / 84° Time 2:35p Air 81° / 81°

Density: Surf. 1.02493 fms. —

Wind: Direction NNW Force 3

Baromet. 29.69 Amt. of Clouds 8 State of Sea S.

Weather Lc

Direction and Force of Current. Surface / Bottom

Tide

Taratara Id. (N) S 53°W 1.8 mi.

General Locality Near Catbalogan, Samar.

Cavantiguianeo I (S) N 72 W - Masasungiao (W)

Position 11°45'95" N - 124°48'05" E. K 12 E.

Chart used: No. C.S. 4451 Ed'n —

Drift: Direction S 28° E Distance 0.6 m.

Depth of Haul Bottom.

Apparatus and Rig used As before.

Time towing — h. 20 m.

Remarks: Lost the Mudbag.

K. 20 plankton tow. 10 min.

Deck Officer Mr. Hazard Recorder Arukil

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P M.	Down.		Up.	P M.			P M.	Down.		Up.	P M.	
2	03	10	2	03	50	0	2	10	30	2	36	30
2	03	25	2	02	26	20100 50	2	12	50	2	32	50
						200						
						300						
						400						
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Dredge / Hydrog. No. 5210 Date, April 17, 1908

Sdg. Mch. Lucas Reel Lucas Shot / Lead 30 lbs.

Turns 50 Cor'n — Depth 50 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 1 oz.

Character of Bottom fne. gy. S.

Thermom. Make N No. 108023 Cor'n Instr. -.42 Stem. -.11

Bottom Reading 76.8° Cor'd Temp. 76.3°

Temp. Surf. 84° Time 10.25 83° Time 10.50 Air 81½ 83°

Density: Surf. 1.02406 fms. 1.02523

Wind: Direction E. Force 1

Baromet. 29.78 Amt. of Clouds .1 State of Sea S.

Weather bc.

Direction and Force of Current. Surface Bottom

Tide

General Locality Simbancanayan Id (S.W) N 42° W. 3.6 mi.
Simbancanayan Id (E) N. 1° W.

Position 11°-49'-55" N - 124°-28-05 E.

Chart used: No. 4420 Ed'n

Drift: Direction N 1° W Distance .2

Depth of Haul bottom

Apparatus and Rig used 12' Agassiz, 1 chain, 2 trimming weights, 1 tail weight, 1 mud bag, 3 glass floats.

Time towing h. 11 m.

Remarks: Register at from 4½ to 5 tons all the time while heaving in.

K:20 plankton tow made 20 mi

Deck Officer Recorder C. E. DeLong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M.		Down.	Up.		9 M.		9 M.		Down.	Up.		9 M.
10	17	10	10	16	50	0	10	23	20	10	56	00
10	17	40	10	16	30	50 ~~100~~ 160 ~~200~~	10	25	05	10	44	15
							10	30	00	10	41	00
						300						
						400						
						500						
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Dredge ~~Hydrog.~~ No. 5211 Date, April 17, 1908

Sdg. Mch. Lucas Reel Lucas Shot ~~Lead~~ 30 lbs.

Turns — Cor'n — Depth 155 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 2 oz.

Character of Bottom gn m & sn

Thermom. Make T L No. 108023 Cor'n Instr. -.3 Stem. -.45

Bottom Reading 57.3 Cor'd Temp. 56.6°

Temp. Surf. 84° Time 1.15 P 84 Time 1.55 P Air 83 84

Density: Surf. 1.02482 — fms. 1.02509

Wind: Direction N.E. Force 1

Baromet. 29.72 Amt. of Clouds 2 State of Sea S

Weather bcz

Direction and Force of Current. Surface Bottom

Tide

General Locality 5.25 mi. Maripipi I (NE) S 64° E Talajit I (NW) N 33° E Between Masbate & Samar

Position 11-51-35 N-124-14-00 E

Chart used: No. CS 4715 Ed'n

Drift: Direction N 31° W Distance 1.7

Depth of Haul

Apparatus and Rig used 10' Inter. 250# wt

Time towing — h. 20 m.

Remarks:

Plankton in tow with K20

Deck Officer Mr Hazard Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P	M. Down.		Up.	P	M.		P	M. Down.		Up.	P	M.
1	02	55	1	07	00	0	1	14	05	1	50	30
	04	00		06	10	100		15	30		45	10
1	04	40	1	05	40	155 200	1	20	00	1	40	00
						300						
						400						
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Dredge / ~~Hydrog.~~ No. 5212 Date, 20 Apl., 1908

Sdg. Mch. Lucas Reel Lucas Shot / ~~Lead~~ 35 lbs.

Turns 108 Cor'n — Depth 108 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 4 oz.

Character of Bottom gy S M

Thermom. Make NB No. 108023 Cor'n Instr. -.3 Stem. -.34

Bottom Reading 60.5° Cor'd Temp. 59.9

Temp. Surf. 80° Time 8:37 a 80° Time 9:00 a Air 82° 83°

Density: Surf. 1.02467 fms. 1.02476

Wind: Direction Calm Force 0

Baromet. 29.80 Amt. of Clouds 2 State of Sea 5

Weather Cc

Direction and Force of Current. Surface Bottom

Tide

General Locality Bet. Masbate and Samar. 12.9 mi.

Destacado I (W) N 3°E - Madrilejo Id. (N) N 83 E

Position 12°04'15"N - 124°04'36"E.

Chart used: No. CS 4715 Ed'n —

Drift: Direction N 21° W Distance 0.9 m.

Depth of Haul Bottom.

Apparatus and Rig used 12' Agassiz NR trawl; chain, 2 wing weights, tail weight, 3 glass floats, mud bag.

Time towing — h. 20 m.

Remarks: Water bottle used in Sdg. — Trawling commenced from 8:41:30, when 180 fms. were out.

Deck Officer W. Metter Recorder Arnold

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
[illegible]	M.	Down.	Up.	[illegible]	M.		[illegible]	M.	Down.	Up.	[illegible]	M.
8	27	50	8	31	00	0	8	34	45	9	11	00
	29	00			25	100		38	40		06	30
8	29	15	8	30	15	108 200/80	8	41	30			
						300/88		44	50	9	01	30
						400						
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Dredge / Hydrog. No. 5213. Date, 20 Sept., 1908.

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

Turns 81 Cor'n 80=79 Depth 80 fms.

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

Character of Bottom S M St

Thermom. Make / No. none used Cor'n Instr. — Stem. —

Bottom Reading — Cor'd Temp. —

Temp. Surf. 81° Time 10:42a / 81° Time 11:12a Air 82° / 85°

Density: Surf. 1.02489 fms.

Wind: Direction NE Force 1

Baromet. 29.80 Amt. of Clouds 3 State of Sea S

Weather Fog

Direction and Force of Current. Surface Bottom

Tide

Destacado 2d.(N.) N74°E.; 8.5 mi.

General Locality Bet. Masbate & Samar.

Position 12°15'08"N-123°57'30"E. San Andreo I.(W), N18E.-Magaraguit I.(N), N81W.

Chart used: No. CS 4715 Ed'n —

Drift: Direction N22W Distance .8 m.

Depth of Haul Bottom.

Apparatus and Rig used As before, but no chain.

Time towing — h. 20 m.

Remarks:

Deck Officer Mr. Metten Recorder [illegible]

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A. M. Down.			Up. A. M.				A. M. Down.			Up. A. M.		
10	37	15	10	39	50	0	10	41	45	11	13	40
10	38	15	10	38	15	81 100		45	30		09	25
						200	10	47	45	11	07	30
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Dredge ~~Hydrog.~~ No. 5-214 Date, 21 Apl., 1908

Sdg. Mch. Lucas Reel Lucas Shot ~~Lead~~ 30 lbs.

Turns 218 Cor'n — Depth 218 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 4 oz.

Character of Bottom gn M

Thermom. Make N.Z. No. 108023 Cor'n Instr. -.25 Stem. -.42

Bottom Reading 52.1° Cor'd Temp. 51.4°

Temp. Surf. 82° Time 9:10 a. 81° Time 9:40 Air 81° 81¼°

Density: Surf. 1.02475 fms. 1.02485

Wind: Direction Calm Force 0

Baromet. 29.79 Amt. of Clouds 1 State of Sea S

Weather bc.

Direction and Force of Current. Surface Bottom

Tide

2.6 mi.

General Locality 1

Bagaband Pt. N 56 W Palanog St. S 17° W (Masbate)

Position 12°-25-18 N - 123°-37-15" E

Chart used: No. 4715-C.S. Ed'n —

Drift: Direction N 36° E. Distance 1.0.

Depth of Haul Bottom.

Apparatus and Rig used 12' Agassiz N.R. 3 glass floats 2 trimming weights, 1 tail weight, 1 mud bag. (Net slightly torn before going over.)

Time towing h. 20 m.

Remarks:

Deck Officer Mr. Hazard Recorder C.E. Pedlong

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
A.M.	DOWN.		UP.		A.M.		P.M.	DOWN.		UP.		A.M.
8	56	45	9	01	50	0	9	05	00	9	53	15
8	57	50	9	01	05	100	9	09	20	9	49	15
8	59	00	9	00	30	200	9	13	20	9	45	10
8	59	20	9	00	20	218 ~~300~~ 350 ~~400~~	9	17	00	9	41	20
							9	19	00	9	39	00
						500						
						600						
						700						
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Dredge / Hydrog. No. 5215 Date, Apr. 21, 1908

Sdg. Mch. Lucas Reel Lucas Shot / Lead 35 lbs.

Turns 604 Cor'n — Depth 604 fms.

Sdg. Cup Sigsbee Amt. Bot'm Sample 3 oz.

Character of Bottom gm M.

Thermom. Make N.Z. No. 108023 Cor'n Instr. -.25 Stem. -.41

Bottom Reading 51.2 Cor'd Temp. 50.5

Temp. Surf. 81° Time 11 05 / 82° Time 11 53 Air 82° / 82½°

Density: Surf. 1.02440 fms. 1.02441

Wind: Direction Force 0

Baromet. 29.76 Amt. of Clouds .1 State of Sea S

Weather bc.

Direction and Force of Current. Surface / Bottom

Tide

Palanog St. S 5°30' E., 8.75 mi.

General Locality Catbalan Pt W Pandan Pt (Licao) N5½W between Masbate and Licao

Position 12-31-30 N - 123-35-24 E.

Chart used: No. 4715 CS Ed'n —

Drift: Direction S77°E Distance 1.2

Depth of Haul bottom

Apparatus and Rig used as before

Time towing h. 20 m.

Remarks: Watch broken so could not record times at sounding.

Deck Officer Mr. Cassidy Recorder Roberts

11—1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M.	DOWN.		UP.		M.		M.	DOWN.		UP.		M.
10	20	10				0	11	03	45	12	20	10
						100	11	07	45		17	00
						200	11	11	20		13	50
						300	11	14	55		10	20
						400	11	18	00		06	45
						500	11	21	30	12	03	20
						600	11	25	00		59	40
						604 700	11	28	15		56	20
						800	11	32	00	11	52	00
						900						
						1000						
						1100						
						1200						
						1300						
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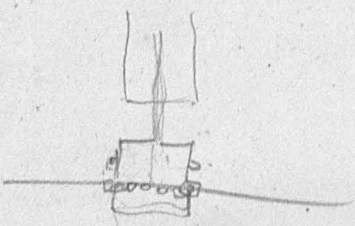
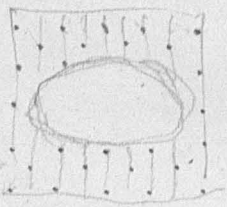
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

7.2 6-46
7-00
1 8 40



130
78
52



D. 5181.- 1.02544.

Dehong.
5200 -02