

3880

Diag. Cht. No: 8152-1

Alaska
West Coast of Prince of Wales Island
Bucareli Bay

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Department of Commerce,
Coast and Geodetic Survey,
E. Lester Jones, Superintendent,

HYDROGRAPHIC SHEET #2

Bucareli Bay,
West Coast of Prince of Wales Island,
S. E. Alaska.

A. M. Sobieralski, Assistant, and W. S. P. Keyes,
In Charge of Sounding.

F. H. Hardy, Assistant, Chief of Party.
Steamer "GEDNEY"

June - September 1915.

Scale 1:20,000

U. S. COAST AND GEODETIC SURVEY
Register No. 3880

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Place with descriptive report
of hydrographic sheet No. 3870

Drawing Section,
STW

STATE Alaska
GENERAL LOCALITY West Coast of Prince of Wales Id.
LOCALITY Bucareli Bay
Surveyed by S'tr. Goduey
Chief of Party F. H. Hardy, Asst.
Date June, July & Aug. 1915.
Scale 1:20,000.

SOUNDINGS IN Fathoms.

Plane of reference M. L. L. W.

Protracted by H. B. Campbell, V. P. White, & J. Luce.

Soundings plotted by J. Luce.

Inked by J. D. Torrey

Verified by J. D. Torrey

The 6 foot curve is shown thus

" 12	"	"	"	"	"
" 18	"	"	"	"	"
" 30	"	"	"	"	"

STATISTICS.

For Hydrographic Sheet (#2) 3880

(WIRE DRAG WORK)

Bucareli Bay,

West Coast of Prince of Wales Island,

S. E. Alaska.

Season 1915.

F. H. Hardy,

Date.	Letter.	Vol.	Posi tions.	Sound ings.	Miles Statute.	Angles.	Vessel.
July 29	a	1	36	--	4.8	106	Launch #117
" 29	a	1	32	--	4.5	96	" #27
" 30	b	1	52	--	7.1	156	" "
" 30	b	1	72	--	8.6	215	" #117
" 31	c	1	96	--	12.0	288	" "
" 31	c	1	83	--	12.4	249	" #27
Aug. 2	d	1	23	--	2.7	69	" "
" 2	d	1	31	1	2.9	94	" #117
" 3	e	1	63	--	7.2	189	" "
" 3	e	1	57	--	8.0	167	" #27
" 4	f	1	76	--	11.2	223	" "
" 4	f	1-2	89	--	11.3	267	" #117
" 5	g	2	65	--	6.5	195	" "
" 5	g	2	64	--	7.7	191	" #27
" 6	h	2	19	--	2.8	57	" "
" 6	h	2	28	--	3.4	78	" #117
" 7	j	2	37	--	3.8	111	" "
" 7	j	2	33	--	4.3	95	" #27
TOTAL.....			956	1	121.2	2846	

STATISTICS.

For Hydrographic Sheet # 3880

Bucareli Bay,

West Coast of Prince of Wales Island,

S. E. Alaska.

Season 1915.

F. H. Hardy.

Date.	Letter.	Vol.	Posi tions.	Sound ings.	Miles Statute.	Angles.	Vessel.
June 8	a	1	71	71	11.8	142	Cosmos.
" 8	a	1	142	356	16.6	284	Launch #117
" 9	b	1	175	175	19.9	350	Cosmos.
" 9	b	1	136	258	19.7	272	Launch #117
" 10	c	1-2	120	268	15.4	239	" "
" 11	d	2	122	259	13.3	231	" "
" 11	c	1	14	14	2.2	28	Cosmos.
" 12	d	1	145	145	15.0	290	" "
" 12	e	2	84	154	9.3	157	Launch #117
" 14	f	2	106	198	10.4	212	" "
" 14	e	1	122	123	13.7	246	Cosmos.
" 16	f	1-2	147	147	26.1	294	" "
" 16	g	3	66	128	9.2	132	Launch #117
" 17	h	3	183	372	16.3	266	" "
" 17	g	2	169	169	19.6	338	Cosmos.
" 18	h	2	146	147	18.6	292	" "
" 18	j	3-4	175	361	18.1	341	Launch #117
" 19	k	4	63	108	6.4	115	" "
" 21	l	4	99	176	13.1	190	" "
" 21	j	3	112	112	9.8	224	Cosmos.
" 22	k	3	183	183	20.8	366	" "
" 22	m	4	145	282	14.6	281	Launch #117
" 23	n	4-5	124	255	14.4	234	" "
" 23	l	3-4	202	202	20.8	406	Cosmos.
" 24	m	4	16	16	2.4	32	" "
" 24	p	5	13	23	.6	26	Launch #117
" 25	q	5	113	212	14.4	214	" "
" 25	n	4	213	213	23.4	426	Cosmos.
" 26	o	4-5	163	161	18.2	326	" "
" 26	r	5	106	225	11.8	206	Launch #117
" 29	s	5	46	118	4.7	88	" "
" 30	t	6	129	251	16.0	252	" "
" 30	p	5	168	167	19.4	337	Cosmos.
July 1	q	5	141	142	15.8	284	" "
" 1	u	6	138	290	16.5	276	Launch #117
" 2	v	6	119	233	15.7	232	" "
" 2	r	5-6	118	119	9.1	236	Cosmos.
" 7	s	6	169	169	17.8	338	" "
" 7	w	7	136	260	17.3	270	Launch #117
" 8	x	7	100	227	11.3	190	" "
" 8	t	6	65	65	6.4	130	Cosmos.
Amount Carried Forward.....			5004	7554	575.9	9793	

STATISTICS.

For Hydrographic Sheet #2

Bucareli Bay,

West Coast of Prince of Wales Island,

S. E. Alaska.

Season 1915.

F. H. Hardy.

Date.	Letter.	Vol.	Posi tions.	Sdand ings.	Miles Statute.	Angles.	Vessel.
Amount Brought Forward.....			5004	7554	575.9	9793	
July 9	u	6-7	250	250	22.8	500	Cosmos.
" 9	y	7-8	170	503	14.2	336	Launch #117
" 10	z	8	131	253	15.3	260	" "
" 10	v	7	196	197	18.3	292	Cosmos.
" 12	w	7-8	225	225	20.2	450	" "
" 12	a'	8	143	266	11.7	186	Launch #117
" 13	b'	8-9	157	353	16.2	312	" "
" 13	x	8	140	140	20.1	280	Cosmos.
" 14	y	8	161	161	16.9	322	" "
" 14	c'	9	163	430	19.0	335	Launch #117
" 15	d'	9-10	136	358	13.1	269	" "
" 15	z	9	132	132	8.3	268	Cosmos.
" 16	e'	10	96	185	10.2	171	Launch #117
" 17	f'	10	43	77	3.7	98	" "
" 19	g'	10	82	166	8.5	164	" "
" 20	h'	10-11	129	291	15.3	290	" "
" 23	j'	11	68	146	7.2	136	" "
" 24	k'	11	113	247	12.6	211	" "
" 27	l'	11	128	300	12.3	256	" "
" 28	m'	12	131	540	10.6	270	" "
" 29	n'	12	123	480	10.7	246	" "
Aug. 10	p'	13	70	434	7.3	136	" "
" 14	q'	13	150	356	14.2	298	" "
TOTAL AMOUNT.....			8141	14044	884.6	15879	

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FEB 16 1917

DEPARTMENT OF COMMERCE

Place with descriptive report
of hydrographic sheet No. 3880

Hydrographic Sheet No. 3880.

Bucareli Bay S. E. Alaska.

Drawing Section.

The position for the work on this sheet was protracted by members of the field force but not of the survey party on the work. This work has been taken as correct being verified only in cases where necessary to locate a position or to reconcile apparent errors. No errors were found therefore this portion of the work can be considered good. There are however 14 positions and soundings on line C day vol. 1 "Cosmos" which were not protracted owing to apparent errors in signals. It does not appear possible to reconcile the error therefore this line is not plotted. It appears however that nothing serious will result in respecting this line as the evident location is closely sounded on other lines and this line C day show no soundings under 31 fathoms. All positions, both for "Cosmos" + "Lanuch" work are marked with some colored ink which is not in accordance with "General Instructions" and is apt to confuse.

The soundings were pencil plotted in this office and found generally correct.

The field work appears especially good and is sufficient for good development of the bottom conditions. The question of inshore rocks as to number and exact location is, in some cases, in question as the boat sheet, the Topographic sheets and rocks already plotted and inked on this sheet conflict.

No Descriptive Report accompanies this sheet which would appear an oversight in view of the condition developed.

Soundings are plotted in fathoms.

John D. Torrey
2/10/17

Hyd. Sheet 3880^a

Wire drag tracing no. 1 to accompany Hyd. Sheet No. 3880.

Obtained by Field Party. Verified and inked by S. L. R.

In verifying, it was assumed that the positions were plotted correctly except where they appeared doubtful, when they were checked and corrected if found in error.

Several areas were missed by the drag, either intentionally or through an oversight, and these areas are indicated on the tracing by arrows.

The drag, set at 41 feet, grounded at position 20 D of Sound 117, and again at position 24 D, set at 22 feet; but as later the drag, still set at 22 feet, passed over these same spots without striking, it was assumed that there is at least 22 feet of water at these two positions.

The drag grounded four additional times and the least depth was determined in each instance. The shoalest soundings found appear on the tracing in black.

Samuel L. Rosenberg.
April 5, 1917.

Drag depths and soundings in feet.