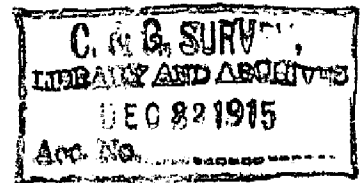


3542



Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: _____
11-5913

DESCRIPTIVE REPORT.

Top. Sheet No. *3542*

LOCALITY:

191

CHIEF OF PARTY:

3542

Coast and Geodetic Survey,
E. L. Jones, Superintendent.

A Descriptive Report to Accompany Topographic Sheet ① 3542

Ulloa Channel and Northern part of Bucareli Bay.

Southeast Alaska.

May - July 1915.

By Party on Steamer "GEDNEY"

F. H. Hardy, Assistant,
Chief of Party.

Limits, Scale, Method:

Topographic Sheet "A", includes the following:-
Ulloa Channel, joining on the southeast end with work of Ass't.
Derickson, in 1912, and on the northwest end with topographic
Sheet #3453, survey of 1914; the northwest coast of Suemez Id.
from the limits of Topographic Sheet #3453, to Point San Jose;
the southern end of St. Ignace Island, from ^{the easternmost point} ~~Point San Jose~~ to the
Sta. Rita Islands; the coast of Baker Island from the Sta. Rita
Islands to Point San Roque.

The Scale is 1/20,000

The work was done by a party from the Steamer "GEDNEY",
with G. C. Mattison, Assistant, in charge. Launch #27 and a
skiff, with five men comprised the party.

Owing to the open waters of Bucareli Bay, advantage
was taken of favorable weather to complete the shore-line, while
the contouring was left to be done on more unfavorable working days.

All contouring was done from stations along the shore.

The work was controlled by triangulation and intersection stations, or by three point fixes.

General Description;

In general the coast line is irregular and rocky. The country in general is irregular, there being no regular ridges. The country is covered with spruce trees, except on the tops of some of the higher peaks, which ~~is~~^{are} bare.

Description of the Shore;

The shore-line of Ullea Channel is mostly rocky and in general free from dangers, except in vicinity of San Adrian Island, where the rocky ledges extend in some cases 100 meters from the high water line. Nearly the whole shore-line is fringed with kelp.

Port Refugio has a low rocky shore-line, with sand or pebble beaches at the heads of the various small bights.

Point Cangrejo has a low, steep rocky shore-line. The group of rocks off the point are bare.

The Cabras Islands, is a group of wooded islands lying one mile north of Point Arucenas.

Point Arucenas has a low, steep rocky shore-line.

Port Refugio has a low shore-line, with a sand beach at the head. A group of bare rocks lies about in the center of the bay.

From Point Remedios to Point San Jose, the shore-line

in general is very irregular, steep and rocky.

Between Point Arboleda and Point San Jose, the low cliffs vary from 20 to 50 ft. in height, rising gradually from the waters edge.

The shore-line of the north side of Bucarelie Bay is in general irregular and rocky.

The bare peak ²⁵⁰⁰ 2300 ft. high, just northeast of Port Asumcion is very prominent especially from the northern end of Bucarelie Bay.

Waterfall;- a small settlement on the east side of Ullca Channel, consisting primarily of a salmon cannery, with a store and various bunk houses. A dock is built across the mouth of a deep cove. The cove is mostly bare at low(tide) water. A small lift bridge allows entrance to the cove, where there is a small marine railway. A pipe line from the hills supplies the place with plenty of fresh water.

Gasoline and distillate may be obtained here. The stores carries a small line of ship chandlery for small boats.

Respectfully submitted,

G.C. Mattison

Assistant, C. & G. Survey.

Forwarded,

Assistant, C. & G. Survey,
Commanding Str. "GEDNEY"

Sheet A.								
	Name	Kind	Height	Remarks	Name	Kind	Height	Remarks
	Red	W.W.	6'		Key	Pole	2'	
	Mid.	"	7'		Bill	W.W.	6'	
	Dim	"	9'		CD	Flag	9'	
	Red	"	8'		Seo	W.W.	8'	
	Red	"	5'		Canopy		3'	
	Cor	"	6'		Gun	W.W.	4'	
	Etc	"	6'		Red	"	3'	
	Wet	"	10'		Far	"	3'	
	Wash	"	12'		Pile	pile		along 5' high
	White	"	9'		Jak	W.W.	4'	
	Med	"	8'		Kal	"	3'	
	Man	"	8'		Ro	"	4'	
	Red	"	9'		So	"	4'	
	Sol	"	8'		and	Flag	8'	
	Red	"	6'		Dik	W.W.	4'	
	Sin	W.W. log	5'		DD	"	6'	
	How	W.W.	3'	Rock	Cell	"	8'	
	Fan	"	8'		Pad	"	3'	
	Cul	flag	7'		Red	"	3'	
	Gay	W.W.	7'		Gun	"	2'	
	Pro	"	16'		Red	"	3'	
	Jaw	"	10'		Bock	"	5'	
	Christina		8'		Com	"	4'	
	Fred	W.W.	20'		Tat	Flag	7'	
	DD	"	7'		Can	W.W.	4'	on rock
	Hill	"	6'		Rue	"	3'	
	Maria		25'		Dry	"	5'	
	Oar	W.W.	23'		Sol	"	4'	
	Lain	"	25'	Cairn	Boo	"	4'	
	Mad	"	6'		Rud	Flag	6'	
	Job	"	6'		Dur	W.W.	6'	
	Lie	"	4'		Isl	Flag	12'	in tree
	By	"	7'		Dilores		6'	
	Dad	Flag	4'		Lor	W.W.	7'	
	Haw	"	8'		Ab	"	7'	
	Jag	W.W.	5'		Pen	"	6'	
	See	Flag	7'		Boo	"	7'	
	Egg	W.W.	8'		Las	"	4'	
	Mad	W.W.	5'		Dul	Flag + W.W.	13'	
	Sal	Flag	7'		Dip	W.W.	4'	
	Odd	W.W.	7'		Ego	"	6'	
	Fix	"	6'		Jam	Flag	9'	
	Fly	Flag	6'		Bar	W.W.	10'	
	Hog	W.W.	8'		Pa	"	10'	
	Cle	W.W.	12'		Ge	"	11'	
	As.	Pole	26'		Wis	"	14'	
	Lax	W.W.	12'	on rocky water	Dubled		25'	
	Top	"	16'		For	W.W.	13'	
	Ban	Flag	32'		Sen	"	17'	
	Mid	"	31'		Da	Flag	3.8'	
	Fog	W.W.	19'		Red	W.W.	12'	
	Cid	"	18'		Rep	"	11'	
	Calbras	Pole	3'		Ero	"	15'	
	Tan	"	8'		Den	Flag	27'	in tree
					Hon	W.W.	11'	

Name	Kind	Height	Shed H. Remarks						
On	w.w.	22'							
Sox	H.P. of rock	6'							
Yak	Flag	19'							
Jab	"	17'							
Ele	"	14'							
Pun	"	16'							
Rod	"	20'							
Pad	"	9'							
off	w.w.	4'							
Eve	"	5'							
Oum	"	5'							
ad	"	4'							
Up	"	12'							
Reed	"	40'							
Tar	"	36'							
Spy	Flag	40'							
Rod	w.w.	30'							
Doad	"	15'							
Sm	"	18'							
Chlod	H.P. of rock	9'	Np						
Shed	w.w.	8'	H.P. of rocky hole						
Bib	Flag	2'							
Mud	"	5'							
End	pole	3'							
Zur	w.w.	4'							
Kim	Flag	8'							
CE	"	7'							
Cup	"	6'							
Roe	w.w.	4'	H.P. of rock						
Sch	"	3'							
Sig	dup. wood sig.	2'							
Sum	Pole	8'							
One	w.w.	9'							
Boy	Flag	7'							
Ch	w.w.	4'							
Sol	w.w.	3'							
Flab	"	4'							
Row	"	4'							
Man	"	4'							
Am	"	3'							
Sim	pole	3'							
Trix	w.w.	2'							
Col	Flag	5'							
Beam	Flag	6'							
Ebb	"	12'							
Bale	"	10'							

Topographic Sheet 3542

Marginal projection figures should
be placed on all four sides of the sheet.

There is an unsurveyed area south of
Port Refugio.

E.D.E.

12-28-'15