Department of Commerce and Cabor COAST AND GEODETIC SURVEY Superintendent. State: ... DESCRIPTIVE REPORT. LOCALITY: 190

3554

Id.

farty.

Descriptive Report to Accompany Topographic Sheet No.
Port Graham to Elizabeth Island.

Elizabeth Island is roughly triangular in plan. It is divided into two higher parts by low land which crosses theisland in a northwest-southeast direction as is noticeable from vessels approaching inside of Chugach Islands or from Point Adam. Streams drain the valley in each direction and a deserted village is found near the mouth of each. The eastern village lies about a small lake 200 meters from the beach.

The south side of the island is rugged and bold. A number of rocks and ledges at the southwest point show prominently when approaching through the channel north of Pearl Island. The west point is the well known Cape

Elizabeth. Off it a long ledge, some rocks and much kelp extend. The outermost danger seen, signal Outer, is well located. It is just awash at high tide. The land descends to the Cape from a 1450 foot hill to a low neck about fifteen feet high, rises in a wooded knob 150 feet high, then terminates in the ledges at the point.

At the northern point of the island a short spit projects at high tide, but at low tide the spit extends 300 meters further out. Signal Liz, a pinnacle rock, also shows prominently when approaching through the passage east of the island. The group of rocks on which is signal Off is about 20 feet high.

The launch anchored at various times between Signal Off and the neighboring sand spit and in the bight on the northwest side of the island. Also, when tide rips in the passage east of Elizabeth Island made it imprudent for the launch to return to Port Chatham, sholter was found on the bight in the east side of the island.

<u>Mainland - East of Port Chatham</u>. East of Port Chatham the land rises in steep, wooded slopes. There are several rocks within 300 yards of the shore near the eastern limit of the sheet.

The channel between Elizaboth Island and the Mainland is deep and

clear, but the tide currents are strong and on the flood, with the proper wind, tide rips occur which may be dangerous to small boats. Bad tide rips also occur south of the island.

For three miles eastward from Koyuktolik Bay rocks and ledges extend off shore from 200 to 400 meters. A line of kelp lays outside of all dangers seen. The large rock, signal Kay, the outermost dangers here known, is well located and may be used as a signal, although it is rather large and flat to furnish a definite point. It is only five or six feet above high tide.

The rough, broken cliffs of the east entrance point to Koyuktolik Bay show prominently from the westward. A wide kelp patch extends off this point.

The north side of <u>Koyuktolik Bay</u> is also rugged and abrupt. But a wooded flat forms the head of the bay. There are some rocks in the northeast bight. Sand from a lagoon has filled the northeast southeast part.

There are near the entrance to the lagoon a large barn and several houses. A horse only was seen about them. He was apparently in good condition. Later it was learned from the owner that he was used in winter for getting out piles but was left to forage for himself in summer.

The lagoon, which may be entered by small boats only, is shoal and full of eel grass and may show a greater area bare at lower tide. The east end is somewhat deeper. Streams running through the low, marshy ground to the northward drain the valleys in that direction.

A high mountainous ridge runs along the north side of Keyuktolik Bay.

At its west end it slopes steeply though evenly to the shore and terminates in some large flat rocks scarcely separated from the shore. This is <u>Point Adam</u>

Outside of the rocks shown the bottom drops off quickly.

For two miles northward the shore is rugged and bold; then a wooded valley opens up from which flows the largest stream found.

Magnet Rock, about 25 feet high, at low tide is surrounded by a narrow ledge. A little kelp was seen just east of the rock. Otherwise, the

e (t

water seems doep close around.

Bode Point is low and not very prominently marked. The ground rises rather gently behind it.

Flat Island Or Flat Islands are two small, grassy, oven-topped islets with vertical sides connected by rocks and ledges. Ledges also extend off from the north and south points. The north end is 60 feet high and at this place, the highest on either island, is Flat Island Light, an intermittent gas light standing about 12 feet above the ground. There is a sharp topped rock 150 meters westward of the light. A rock awash at half tide lies 400 meters west of the south point of the islands.

Bede Mountain is the highest in this neighborhood. The peak is sharp withing on high bluffs to the westward.

North of Bode Mountain to English Bay the country consists of low rolling, wooded hills.

The reef in English Bay bares shout half tide. It is surrounded by a thick kelp patch.

There is in <u>English Bay</u> a long fish trap belonging to the cannery at Seldovia. At present there is some dispute with the Bureau Of Fisheries regarding its location. A reef, bare at low water, parallels the trap a short distance northward from it. Alexandrovsk shows few signs of prosperity; a part of the houses are inhabited.

The lagoon inclosed by the flat spit may be entered by pulling boats or at high tide by launches, the current in the entrance being very swift, of course. Another lagoon leads off from the southeast corner of the first one, and this is said to connect with a sories of others.

From Point Adam to English Bay ton fathoms of water is found near the outer edge of the kelp which lines the shore. The launch always had to go rather close in to find bater shoal enough for anchorage. No rocks or dangers are known other than those shown.

The prominent landmark at the entrance to Fort Graham was photographed and is shown.

on entering Port Chatham the most prominent of the lower features is a large white rock on the west side, in the face of a bluff. A little—lower and to the right is a large, white brock, signal Boulder. The upper right hand corner of the big mark is located, signal Upper. This shows plainly when approaching through the channel east of Elizabeth Island. After passing Pearl Island, bring the mark in the middle of the pass and steer for it.

Few names could be obtained for features on this sheet.

Clam Cove: The small bay on the west side of Port Chatham between

Dog Fish Bay: The bay just east of Point Adam otherwise known as Koyuktolik Bay.

These were obtained from a man who has lived in the lower part of Cook Inlet for several years and he could give no others.

A traverse, supported by triangulation and planetable triangulation, was carried along the shores using the ordinary alidede on a mountain planetable. The topography was transferred from the small sheets to the one of standard size. The contour interval is 100 feet.

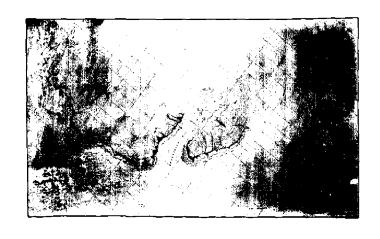
Respectfully

signals Claim and Kolp.

Asst.C.& G.Survey.

1gna	L Lat	let.	Long.	Met.	Discr	iptions		;		1	;			Recovera	1
	590		1510						<u> </u>					1.000.401.0	
			-,-				-Koyuktolil						,	¥es	3"
am	13,10		55	339			rock, the		1 i -	e	:			Yes	
0 -	14		54	785 56	Whitewas	n on large	st boulder ravel beacl					1 1		Yes	
ast in	14' 14'	152	54! 53!	125	Drown 500	le_of_harr	ravel beach the large	at_huildi	ng in gro	ID	1			Easily	L
in iddl	Y		531	14	0.000 - Edu	deted dead	tree near	beach.					,	Yes	
Pagre	14		53 1	529	Whitewas	h mark at	entrance to	anall ca	ve .			!		Yes	
en	14		54	390	Sharp to	of large	rock in le	dge in sh	ore line			1		Easily	
88	151		551	315	Whitevas	h mark on	outer supp	orting but	tress of r	atural a	rch			Unmistak	eab)
ar—	14'		_571	139	_ Natural	white mark	in vertica	al_face_of	rock.			· · · · · · · · · · · · · · · · · · ·		Yes	
op -	14'	672	571	272	Top of h	igh pinnac	le rock	1 1 1 4	- 4	1	4-1	1	1-1	Yes	ĺ
lace	141	1378	57	790	Top of r	ock 50 met	ers off be ock, west	ach .		L .	. 1			Yes	}
up	14	1400	581	205	Top of o	utermost r	ock, west	side of en	trance to	Koyuktol	ik Bay	•		Easily	1
ig	15	110	58	.627	Top of b	ig rock at	tached to	shore, wes	t end of a	sand beac	h i	12 1. 1		Yes	
						<u> </u>								 	ļ
	59°		1510	- :-	·		Point Adar	n to mreer	an Point.	1	- 1	1.		Yes	-
ull	15.		59	82	Whitewas	h in outer	face of b	ig rock		704	. 1 1 .		1	Unmistal	
all	15.		58	.823	Southern	OI TWO WA	terfalls h	TI S MITO	noten or	rice House	1 4	-	1 :		Gau
righ			59 ! 59 !	99	Whiteman	h on bulei	ng face of	no abor gr	P noint	1	ł	1 1	4 - 1	Yes Yes	-
ulge	16!		59	277		h on rock	THE THE OI	BEESTI TOC	DOING		+	- - 		Not	}
op.	16.	1	59	42	Whitemen	h on small	corner of	bluff 200	metera no	rth of s	tream			Possibly	ł
el		475	59	365	Inner of	two rocks	in ledge		1		.	1		Easily	
Seal	17	530	59	274	Whitewas	h at small	point of	bluff	1. 1. 1		. 1			Possibly	į.
ird		1805	59	671	Whitewas	h on rock!	in shore l	ine	'	1'''	1	1	1	Not	1
		685	60	642	Highest	point of M	agnet Rock	· · · · · · · · · · · · · · · · · · ·					In the	Unmistal	eab.
lack	18	1014	59	743	Signal o	nehore	' '		-		- [Not	
rip		1673	58	697	Whitemas	n on outer	most point	of rockha	11 way be	meen two	stres	ms	المراشية المرا	Yes	1
ed		666	58	401	Whitewas	h on face	of small right on no	ocky point		1111	[_];			Possibly	
ight		1341	60.	59	Intermit	tent gas l	ignt on no	rtn point					 	Unmistal	1
lue	19	- 1	58	207		h on rocky		, 5 s 4 k			1		1	Possibly	
end		150	581	150		h on rock	cle rock n	ser chare	1		ļ		1	Yes	7
on	77 7	640	58! 58!	216	uniteras	Suniq no m	with bann	er on nois	t			1	1 : :	Possibly	<u>i</u> -
ig		1013	57	790	Whitema	h on rock	vaiin	or ou born	F : 1	; ; ,				Not	ì
o x		1093	57	604	Thitags	h on rock	first smal	1 point 50	meters w	st from	stream	<u> </u>	 	Yes	
x at		1454	57.	451	Thitama	h on face	of point	z poznie od	1				1 + 1	Easily	1
[1498	57	406	Large ni	nnacle roc	k near poi		100			ì i	1 : 1	Easily	
mall		1585	57	178	Whitewas	h mark at	top of blu	11		1			1	Possibly	•
ell	201		55	934	West gat	le of hous	e south en	d of spit			,]	· i		Yes	3
110	21		56	145	Outernos	t bile in	fish trap			1	11		 	Poseibly	
all	21'	295	55	889	Tallest	pile, half	way between	n heart of	trap and	shore		1 1	1	Possibly	ř
	ey21'	220	55	647	Chimney	in middle	of house	100	· '	1				Yes	
	h 21'	485	55	586		f church			1 '	1'	: 1	' i '	1:	Unmistal	
	. 21'	433	55,	613	Trag pol	e in iront	of church Russian Po				$\perp \perp$	1 .	<u> </u>	Yes	-Vau
ext	- A - F	780	-55,1-	6 85			Mussian-Po	int	1						[
	-59°	1	151.		- , [: . <u>[]</u>		Main Shore	Port Che	them to V	wakt of the	Bav	4 + 1			
. 1			48	126	Unnerve	oht hand	oint of la	rge white-	mark in h	luff in e	ntran	e-to P	rt Chathan	Easily	
p	12 er12	956 919	48	63	White ro	ck near Un		i .			1	i i i	1	Easily	
lain				226	Agrass	covered kr	ob-of-rock	about-18	high-in-	ledgeSe	e-Top.	Sheet-	795	Easily_	ļ <u> </u>
ar	11'		491		Whitewas	h on rock	- , , .			1	1.			Not	1
at	121		50	319			irst ledge		ide of sa	nd beach		1 .		Possibl	ý
0	12	915	501		Whitewas	h on rock	_			1	- 1	. 1	4	Not	
on	121			596	Whitewas	sh on rock		سو د باسود	1-4-1		í	- F	1	Not	-
harp	-131-	-351	-51-1-		—-Woll-do:	ined-peak-			 	 			1	Easily	
or	13:		521	28	Whitewas	sh on sharp	rock		·	1			1 .	Yes	1
ab-	121			748	Highest	point of b	road flat	rock in le	dge at sm	all point		:	ļ·	Yes	1
ing	128			575	Whitewas	sh on sharr	rock at s	mall point	200 mete	re_east Lo	I stre	en .	1	Yes	<u> </u>
ot	13			297	Whitevas	n on rock	at small p	oint 300 n	etors eas	tion stre	en l	1-1-	1 :	Possibl	
1-	13!_		_55!_	91	uniteva	n on wedge	shaped po k in beach	INT_OI_FOC	ntranca -	nint to V	071274	1115 Re-	 	Ummista	
mp	13		551		rarge p	THE PARTY TO	ck 400 met	are off T-	n A for	feet abor	e hiel	n water	1	Unmista	
ау	13*	1,18	551	508			Tom core	ore orr III	A TOW	الولية ماده			} !		1
- 1	590		1510				ain shore	- East of	Port Chat	ham.		- 1 - 1	1	- - - -	-
ead	121		461	714	Ton of	all tree	he highest	tree on i	sland in	ntrance	to Por	rt Chat	ham	Probabl	¥ -
	k 11 n			944	Promine	nt nearly	ertical ve	in 500 met	ers north	of stream	uzn i	1	T	Easily	Ī
in	.E:11:n			. 31	Whitema	h on rock	100 meters	from mout	h of etre	euto.	Ŧ		1 :	Easily	ĺ
	m 11				Mouth o	i stream				1 1	+		1	Easily	
og.	10				Thitwwai	sh on rock		1 1 1	(Not	(
/11_	10	940	46	181	Whitewa	sh on rock	at small p	oint		<u> </u>			<u></u>	Possibl	У
ac	10			941		sh on rock		-	-				i	Not	
te	101	117	6 5 '	733		sh on rock								Not	
en	09	1320	45				at small p	oint		1	l	1.4	1 1 1	Yes	}
ar	09	988	45			h on face		والمنابع والمنابع	: 1		-	1		Not Yes	
OC	09 •	566	441	862	Signal i	nighest poi	nt small s	noulder al	out 20 fe	et nigh.	<u> </u>		<u> </u>	168	
)	T - j	.]			1		, : 1			}	1			- ;	
`			; '	5 I	<u>.</u> .		, ,				; }	1 -	J. J. J. J.		-
1			The	asser	tions cond	erning th	e recoveral	bility of	these post	tions ar	e made	with t	he		
	•	ĺ	н п рр	USILI	on that th	e searcher	TB ednibbe	ad with B	pnotograpi i	or the	ropogr	apn she	et.		
									<u> </u>	 	++:		ļ	 	
	,	1					· •						1	!	
1		.	. 1		i	. 1	l	A		1			J 1.]	
		- 1		(1		i	÷	ı	1 .	- 1		L ·		ı
-		1		ı	ſ	ĺ				į.	, 1				

Signal-tate-few Fours, their Control of the Control		; -	.	() () ()	1 :	j •	. +		ļ · ,			•	1			1 !	- 1	, 1		د ا
Off: 100 1264 480 366 Highest point of Largest road 300 interes north of north end of Island Densitakoshle Lie 101 989 480 Entirement on larger juncation reck. data to 1989 480 Entirement on larger juncation reck. data to 1989 480 180 180 180 180 180 180 180 180 180 1					Met.		iscript	ion	 	 						╁	·	1	lecoverabl	B 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2
List 101 967 48 560 Uniterant on large pinnade rock that 202 242 47 1672 Uniterant on unable projecting shorted to the property of the propert		590		1510				,												/
Ab 10 323 -431 -531 miles with the property of the St. Communication to the Communication to						Righ	est poin	nt o	of largest	rock a	00 m	sters nort	h of north	end of	I I a	land	: :			ble
Lie C9 1370 471 500 Unitemah on top of rock 100 matery of shore	Ab	10	a	23-471-	797	Whit	ewash or	n [†] sr	mall proje	cting g	houl	der	i					-1	ossibly—	
Discovery of the control of the control of two small shacks Discovery of the control of the control of two small shacks Discovery of the control of two small shacks Discovery of the control of two small shacks Discovery of two shacks Discove	Ile	·- 09	11	70 471	604	Whit	ewash o	n t	op of rock	100 me	tere	off shore					1 1			
Etch 88 1332 - 0" 238 40 120 Chatchesh on other point of rock						White Oute	ewash or	n to able	op of rock	50 met	ers	off shore			ì • • •					
Get 08: \$70. 471 081 Signal highest point of big rook Fam 07: 1365 491 72. Rounded top of wheters and higher of two large outer rocke Family From 08: 1376 491 542 543 Signal top of high grassy knob. Family Fam 08: 1376 541 545 Signal top of high grassy knob. Hen 08: 1879 511 131 Unitemant hop of conter rock adjacont to shore Far 08: 1005 123 53 54 Finithment top of rock adjacont to shore Chan 08: 1391 521 535 Unitemate top of rock adjacont to shore Chan 08: 1391 521 535 Signal Far 08: 1005 123 53 53 Signal Far 1005 123 53 Signal Far 1005 12				22-47	923	Whit	owesh-or	n-Ot	ator-point	of-roc	k			<u> </u>		-		j	robably	
Brown Get 176 49 545 Signal top of high grassy knob. Possibly Lat. 108 128 501 127 Unitermant no uniter-root. Banally	Get	081	ı 5	70 47	361	Sign	al highe	est	point of	big roc	k									
Let (98 23 SOL 27 Thickmash can other rook Panily Plank (98 97 5 51 31 Whitemash top of rock 70 poters off whore Readly Read (98 97 5 31 32 32 Whitemash top of rock 70 poters off whore Readly Read (98 98 32 32 32 Whitemash top of rock 70 poters off whose Readly Read (98 199 32 32 32 Whitemash top of rock adjacent to shore Readly Read (98 199 32 32 32 Whitemash top of rock connected to shore, by beigen Readly Read (98 199 32 32 Whitemash top of rock connected to shore, by beigen Readly Readl					1	Roun	ded top	of of i	western a high grass	nd high	er c	f two larg	e outer ro	cks		!				
Hen 08: 379 51; 925 Whitewash top of outer rick adjacent to shore for Ton 07: 1005 52; 934 Whitewash top of rows adjacent to shore by 1005 52; 934 Whitewash top of the commercial to shore by ledges for the commercial top of the commercial top						Uhit	ewash_or	n_ot	ater_rock_	<u> </u>		ahama		-					Casily	
Cham Gos 193 52 915 Signal Page Gos 30. 531 305 Signal Page Gos 30. 531 303 Signal Page Gos 31 533 Signal Page Gos 31 534 Signal Page Gos 31 534 Signal Page Gos 32 Signal P	Hen	. 081	8	79 511	925	Whit	ewash to	op d	of outer r	ock adj	acen	t to shore						Ī	(es	
Cape 004 331 531 861. Faction and highest of two small tall trees at top of small hill, Cape Elias. Easily Nand 004, 406 534 831 000 Unter rock 300 Unitered rock of high water mark at tops Elias. Easily, Easily 104 004 416 534 831 000 Unter rock 300 Unitered of Cape Eliasbeth. Just shows at high tide 700 104 007 007 007 104 104 104 104 104 104 104 104 104 104						Sign	1	- 1	1											
Wanh 091 401 531 803 Whitemash on face of first detached rock off high water ark at Cape Ellis. Easily Total of 345 831 832 Mintermash on other high point of ledge Family 16 20 16 16 16 16 16 16 16 16 16 16 16 16 16	Beg					White East	emash_to	op_c	frock_co	nnected	to_	shore by l	edges	mall hi	33 (-	F2 4 4		es	
Lo 09 675 533 127 Enterman on outer high point of ledge Fearly 1909 09 1405 52' 1305 129 328 Highpsis point of rock in ledge Really Enterman Co. 1014 100 1014 100 100 100 100 100 100 1	Wash	09	4	01 531	503	White	ewash or	n' fé	ice of fir	at deta	ched	rock off	high water	mark a	it C	De .	Eliz	<u>.</u>	asily	
It 09 1465 51* 817 White boulder in gravel beach Ham 09 1515 51* 512 White boulder in gravel beach Con 100 614 50* 420 Unitermah on reck To 100 1014 49* 555 Whitemah on reck Ently Possibly Ently Possibly Ently Possibly But readily. Hill 09 49* 52* 55 Whitemah, on face of reck at and of shoulder Hill 09 49* 52* 55 Hatemah, on face of reck at and of shoulder Hill 09 49* 52* 55 Hatemah, on face of reck at and of shoulder Foundly. The assertions concerning the recoverability of those positions are made with the supposition that the searcher is equipped with a photograph of the topographic sheet.	Lo	09	6	75 531	137	White	ewash or	n oi	iter high	point d	f le	apern. Jus dge	snows at	nign t	140			3	les .	
Ham 09 1515 51* 312 Emité boulder in gravel beach On 10' 614 50' 320 Emitément on réck To 10' 1014 49' 565 Emitément on réck To 10' 1034 49' 565 Emitément on réck To 10' 1034 52' 25 1450 foot bill 50c neters weetward of triangulation station Egg, from which the ridge elopse down to Cape Elizabeth. The assertions concerning the recoverability of these positions are made with the supposition that the searcher is equipped with a photograph of the topographic sheet.					_,	High White	pst point	nt_d	of_rock_in in gravel	ledge_ beach	-			 	!	 				
To 10' 1014 49' 685 Unitewash on rock El 10' 103' 69' 284 Distrument not foce of rock at end of shoulder Possibly Hall 09' 434 53' 25 1450 foot hill soo meter westward of triangulation station Egg, from which the ridge slopes down to Cape Elizabeth. The assertions concerning the recoverability of these positions are made with the supposition that the searcher is equipped with a photograph of the topographic_sheat.			15	15 51	312	White	boulde	er i	in gravel						ļ			į	lasily,	
Hill 09, 434 52 25 1450 foot hill 600 meters weetward of triangulation station Egg, from which the ridge elopes down to Cape Elizabeth. The assertions concerning the recoverability of these positions are made with the supposition that the searcher is equipped with a photograph of the topographic sheet.	To	10	10	14 49	685	White	ewash or	n ro	ck			3. 9.		1: '				b	lot readil	y
The assertions concerning the recoverability of these positions are made with the supposition that the searcher is equipped with a photograph of the topographic sheet.				34 521		1450	foot hi	111	600 meter	s gesta	ard	of triangu	lation sta	tion Eg	E,	rom			ossibly.	
The assertions concerning the recoverability of these positions are made with the supposition that the searcher is equipped with a photograph of the topographic, chest.		. !		•		which	h the ri	idge	slopes d	om to	Cape	Elizabeth	•					. i	es .	
the searcher is equipped with a photograph of the topographic cheet.			,	:				ï							i	1				ļ
the searcher is equipped with a photograph of the topographic cheet.					 					 	 			-	 	 	+	-		
		1	The a	esertions earcher i	conc	erning	the rewith a	cov	erability	of the	se po	sitions ar	e made vii	h the	Bupp	0911	ion	tha	t i	ئد.
	- 1	1	. [i i					Ł			1	1.5-4	+ 1-		4.			
								:	 				. ,		1					
		. !			1	ı	;						. :		:					
								-,:-	1 1-1	1.					:	1	٠		+	
								1			1	- 1	1		-				4 4 24 da	-
				· .	1-0	1		FA . =	+	1					1			-		
							-					1								
	2 . •				-	1 -+ -									}		-			
				i da jaja ara marana	14:	مسار در است جو			1		 	ر پهلوا مان ادار محمد		1-1-1-	ļ 			ŀ	-1 4 :	
		- [,			-			. '			<u> </u>				1 +				- h =	
		- ; ;		1 7	-	1		1	- 1 -		1 4				!	T	:			
		ا ایسا				h. L.	- i +	· †			- 1 -		. 4							
		!					, ,	- 1				<u>-</u>			 <u>L</u> .					
		į-		1 ,=1	1		÷ •		+										1	
	€ = +·	1	'				- L 1 1	÷		_ +	: :		File.	;						
	2 -					1	4-1-1	‡	1-1-		ł	, -							4.	
		• •						,			1 - 1									
						+ - h								1 ;	1 -			•	1 m	
			1			h- -	1 1			17 :		1 L	1 1	1	1::	-!	4 +		- - - - - - - - - -	<u> </u>
									e Par L			_~ *				'			1	
		1 -						ч	, r &		ŧ,	,	1.3	1 .	•				11.77.17	
					1.	<u> </u>					1 ~ * ·			1	 	 	·	_]		
		111			1 .			٠				. :			ĺ		1		1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 ·	
		. '			1										i I					
					1	 		-(:			ļ		 		_		<u></u>
				į.	:						-ويون									
	1			•														- {		
			-				l		l	1	· 	<u> </u>	1	1 .		1				<u> </u>



Kenai Peninsula Alaska

Port Graham to Elizabeth ld.

Port Graham to Elizabeth ld.

Descriptive report of Topographie Sheet

R. S. Patton, Chief of Party

Str. Explorer

Descriptive Report to Accompany Topographic Sheet No.
Port Graham to Elizabeth Island.

Elizabeth Island is roughly triangular in plan. It is divided into two higher parts by low land which crosses theisland in a northwest-southeast direction as is noticeable from vessels approaching inside of Chugach Islands or from Point Adam. Streams drain the valley in each direction and a deserted village is found near the mouth of each. The eastern village lies about a small lake 200 meters from the beach.

The south side of the island is rugged and bold. A number of rocks and ledges at the southwest point show prominently when approaching through the channel north of Pearl Island. The west point is the well known Cape Elizabeth. Off it a long ledge, some rocks and much kelp extend. The outermost danger seen, signal Outer, is well located. It is just awash at high tide. The land descends to the Cape from a 1450 foot hill to a low neck about fifteen feet high, rises in a wooded knob 150 feet high, then terminates in the ledges at the point.

At the northern point of the island a short spit projects at high tide, but at low tide the spit extends 300 meters further out. Signal Liz, a pinnacle rock, also shows prominently when approaching through the passage east of the island. The group of rocks of which is signal Off is about 20 feet high.

The launch anchored at various times between Signal Off and the neighboring sand spit and in the bight on the northwest side of the island. Also, when tide rips in the passage east of Elizabeth Island made it imprudent for the launch to return to Port Chatham, shelter was found on the bight in the east side of the island.

<u>Mainland - East of Port Chatham</u>. East of Port Chatham the land rises in steep, wooded slopes. There are several rocks within 300 yards of the shore near the eastern limit of the sheet.

The channel between Elizabeth Island and the Mainland is deep and

clear, but the tide currents are strong and on the flood, with the proper wind, tide rips occur which may be dangerous to small boats. Bad tide rips also occur south of the island.

For three miles eastward from Koyuktolik Bay rocks and ledges extend off shore from 200 to 400 meters. A line of kelp lays outside of all dangers seen. The large rock, signal Kay, the outermost dangers here known, is well located and may be used as a signal, although it is rather large and flat to furnish a definite point. It is only five or six feet above high tide.

The rough, broken cliffs of the east entrance point to Koyuktolik Bay show prominently from the westward. A wide kelp patch extends off this point.

The north side of <u>Koyuktolik Bay</u> is also rugged and abrupt. But a wooded flat forms the head of the bay. There are some rocks in the northeast bight. Sand from a lagoon has filled the northeast southeast part.

There are near the entrance to the lagoon a large barn and several houses. A horse only was seen about them. He was apparently in good condition. Later it was learned from the owner that he was used in winter for getting out piles but was left to forage for himself in summer.

The lagoon, which may be entered by small boats only, is shoal and full of eel grass and may show a greater area bare at lower tide. The east end is somewhat deeper. Streams running through the low, marshy ground to the northward drain the valleys in that direction.

A high mountainous ridge runs along the north side of Koyuktolik Bay.

At its west end it slopes steeply though evenly to the shore and terminates in some large flat rocks scarcely separated from the shore. This is <u>Point Adam</u>

—Outside of the rocks shown the bottom drops off quickly.

For two miles northward the shore is rugged and bold; then a wooded valley opens up from which flows the largest stream found.

Magnet Rock, about 25 feet high, at low tide is surrounded by a narrow ledge. A little kelp was seen just east of the rock. Otherwise, the

water seems deep close around.

Bede Point is low and not very prominently marked. The ground rises rather gently behind it.

Flat Island Or Flat Islands are two small, grassy, even-topped islets with vertical sides connected by rocks and ledges. Ledges also extend off from the north and south points. The north end is 60 feet high and at this place, the highest on either island, is Flat Island Light, an intermittent gas light standing about 12 feet above the ground. There is a sharp topped rock 150 meters westward of the light. A rock awash at half tide lies 400 meters west of the south point of the islands.

Bode Mountain is the highest in this neighborhood. The peak is sharp withting on high bluffs to the westward.

North of Bede Mountain to English Bay the country consists of low rolling, wooded hills.

The reef in English Bay bares shout half tide. It is surrounded by a thick kelp patch.

There is in <u>English Bay</u> a long fish trap belonging to the cannery at Seldovia. At present there is some dispute with the Bureau Of Fisheries regarding its location. A reef, bare at low water, parallels the trap a short distance northward from it. Alexandrovsk shows few signs of prosperity; a part of the houses are inhabited.

The lagoon inclosed by the flat spit may be ertered by pulling boats or at high tide by launches, the current in the entrance being very swift, of course. Another lagoon leads off from the southeast corner of the first one, and this is said to connect with a series of others.

From Point Adam to English Bay ten fathoms of water is found near the outer edge of the kelp which lines the shore. The launch always had to go rather close in to find water shoal enough for anchorage. No rocksher dangers are known other than those shown.

The prominent landmark at the entrance to Port Graham was photographed and is shown.

On entering Port Chatham the most prominent of the lower features is a large white rock on the west side, in the face of a bluff. A little lower and to the right is a large, white arock, signal Boulder. The upper right hand corner of the big mark is located, signal Upper. This shows plainly when approaching through the channel east of Elizabeth Island. After passing Pearl Island, bring the mark in the middle of the pass and steer for it.

Few names could be obtained for features on this sheet.

Clam Cove: The small bay on the west side of Port Chatham between signals Claim and Kelp.

<u>Dog Fish Bay</u>: The bay just east of Point Adam otherwise known as Koyuktolik Bay.

These were obtained from a man who has lived in the lower part of Cook Inlet for several years and he could give no others.

A traverse, supported by triangulation and planetable triangulation, was carried along the shores using the ordinary alidade on a mountain planetable. The topography was transferred from the small sheets to the one of standard size. The contour interval is 100 feet.

Respectfully

Asst.C.& G.Survey.



C. Elizabeth from Southeast ward



Elizabeth ld. from East



hooking Northeastward

Into Port Chatham
from a breast of
the island at the
entrance

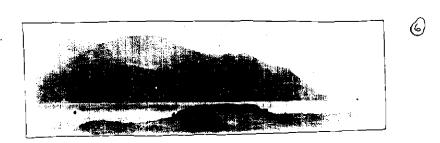


0

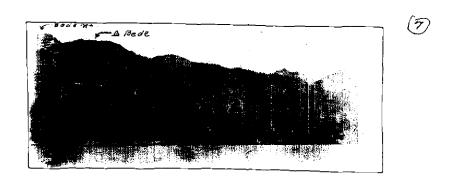
Pt. Adam from
Magnet Rock.
Note low, flat rocks
on point.



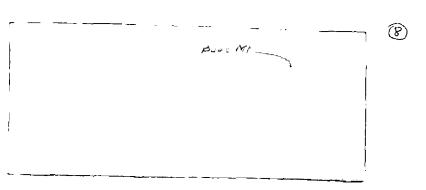
Toward Pt. Adam from Flat Id. hight.
The point is just hidden from view



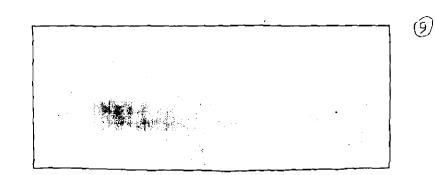
Bede Mt. trom Magnet RK



Dede Mt. From Magnet RK.



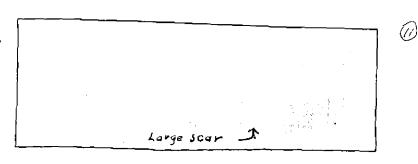
Pede Mt. from Flat ld. Light.



From Flat Id. Light
Hills north of
Bede Mt.
The high ridge is the
one running along the
South Side of
Port Graham.

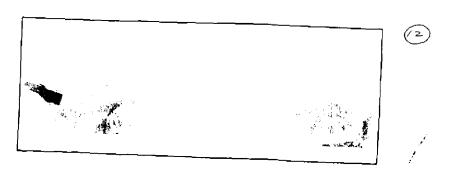


how land running out
Toward Dangerous Cape,
North side of entrance
to Port Chatham
Note land mark shown
below.



targe Scar marking
the entrance to

Port Graham



Signal	Lat Met.	Long. Met.	Discriptions		*	1 0			'	Recoverable.
5	-590	1510		Koyuktolik	Bay and P	oint Adam.	h =:[===================================			Ves
Jam	13'1600	551 2339	Top of outer black	rock, the	highest in	the ledge				Yes
Jo	14' 246		Whitewash on large Brown boulder in							Yes
Last	14 152 14 159		West cable of har	the large	st buildin	g in group		+ + 4		Easily
Min	14' 1065						 			Yee Yes
Ор	14' 1749	53 529				е				Easily
Pen	14' 1735		Sharp top of large	rock in le	dge in sho	re Tine	l tural arch			Unmistakeable
Res	15' 42	55 315 57 139	Whitewash mark on Natural white mar	din vertica	l face of	rock.	- 1 -			Yes
Sar Top	14' 1802 14' 1672		Ton of high pinna	cle rock			 	 		Yes Yes
Place	14' 1378	571 790	EA	have all had	ch			Par		Easily,
Pup	14 1400		Top of outermost	cock, west s	ide of ent	rance to K	nd beach	bay.		Yes
Big	15' 110	58' 627	Top of big rock a					1		
	59°	1510		Point Adam	-to-Russia	n-Point			1	Yes
Dull	15' 633		Whitewash in oute	r face of bi	grock		A 4 4 - m	+ + +	1	Unmistakeable
Fall	15' 1 6 50	58' 823	Southern of two w	aterialls na	TI a mile	morth of r	t Augus		1	Yes
	15' 1445 16' 167	591 99	Whitewash on bulg	ing face of	small-rock	point	1	1		Yes
Bulge	16 544									Not
Wop Toe	16 1575		Whitewash on smal	1 corner of	bluff 200	meters nor	rth of stre	em .		Possibly Easily
Wel	17! 1475	591 365	Inner of two rock	s in ledge	e 🔫 i e e je e e		+ +		11	Possibly
Seal	17: 530		Whitewash at small Whitewash on rock	in shore if	ine					Not
Bird	17' 1805 18' 685		Hychest-point-of-	Magnet-Rock		<u> </u>	 	 	 	Unmistakeable Not
Black	18' 1014	59 743	-Campan Sanahore					reams		Not Yes
Trip	18' 1673		Whitewash on oute	rmost point	of rockha	II way bet	wasen two s	reams .		Possibly
Red	19' 666			light on not	th point	of Flat Is	and			Unmistakeable
Light	19' 1341 19' 1362								<u>:</u>	Possibly
Blue Lend	20' 150			in ledge -						Possibly Yes
Ton	201 640	581 216	Whitewash on ping	acle rock ne	ear shore	1				Possibly
Sig	20' 1013	1	Braced pole signs	ir with panne	er on born	Ĩ	1			Not
Ио	20' 1111 			-first-smal	1_point_50	meters_we	st_from_st	ream	 	Yes
Ex Nat	20' 1093								1 1	Easily
	k.20' 1498	571 406	Large pinnacle r	ck near poi	nt		,	•		Easily Possibly
	20' 1585			top of blu	ff. d of enit		i			Yes
Bell	20' 1537			leigh tran	-			1 1		Possibly
Tall	21'325 21' 295		Tallest pile, ha	liway betwee	n heart of	trap and	shore	1		Possibly Yes
Chimn	ey21' 220	551 647	Chimney in middle	of house			1	1		res Unmistakeable
Churc	h 21 485	55° 586		ال المساور والما		1	1 1			Unmistakeable
Flg.P	. 21' 433	55' 613 -55'-685	Flag pole in iro	n Russian Po	int					Yes
TXON			WILL CO WAS IT - MALE - O	1					1.	
:	59°	157°		Main Shore	- Port Cha	tham to Ko	yuktolik E	lay.	ont Chatham	Fasily
Up	121 956	48 126	Upper right hand	point of la	rge white	mark in bi	uii in ent	rance to r	or Conathan	Easily
Bould	ler12' 919	48 63		up.	about 16	high in	edge. See	Top Sheet	2795	Easily
—Clain Bar	11' 1778 11' 1778	491 226	Whitewash on roc	ki i		i	ì			Not
Cat	12 520	1	Whitewash top of	first ledge	on east	ide of sar	nd beach			Possibly Not
Do -	12' 91	50 927	Whitewash on roc	k		2.0		-		Not
Men	12' 86			r k						Easily
—Shari For	13! 35. 12! 88!		Whitemach on sha	rn rock		 	 		 	Yes
Gab	12' 112'		Higheat point of	broad flat	rock in le	dge at sma	ill point			Yes Yes
Fing	128:172	4 531 575	Whitewach on sha	rn rock at s	small poin	t 200 meter	rs east of	stream		Possibly
Got	13' 33		mittaged on made	ge shaned no	hint of ro	čk –	1			Possibly
Hi	13' 89 13' 104	YYY	Tarra minnecle r	ock in beach	at east	entrance p	olint-to-Ko	yuktolik-Ba	· ÿ · · · · ·	Unmistakeabl
Imp Kay	13 71	T		rock 400 me	ters off I	mp. A few	feet above	high water	1	Unmistakeabl
						:	1	1		
	59°	157°	Top of dead tree	Main shore	- Last OI	island in	entrance to	Port Chat	ham	Probably
Dead Stro	12' 75 ak 11'n 79		Draminant page 13	vertical ve	ain 500 me	ters north	Toi stream	 	 	Easily
Pin	11', 37	0 46 1 🚉	i Whitewash on roo	k 100 meter	s from mou	th of stre	am	1 : !		Easily Easily
Stre	am 11' 31	6 451 90	5 Mouth of stream		·	1		1	!	Not
Dog		4 46 13 0 46 18		k at small	point +			1.4		Possibly
Wil	10' 94		Whitewash on ro	sk -		 	-	-	 	Not .
Vac		.7 9 5 1 73	à Whitewash on ro	ik i					1 :	Not Yes
Yac Ate	10' 11	0 45 48	9 Whitewash on ro	k at small	point				1.	Not
Ate Ben	09 132		O Whisewash on fa	oint small	shoulder a	bout 20 fe	et high.			Yes.
Ate Ben Car	09 132 09 95		o Camana i in ama na arr ∵				1	1	 	ļ ————————————————————————————————————
Ate Ben	09 132 09 95	8 45' 24 6 44' 86	2 Signal nignest				1		1	
Ate Ben Car	09 132 09 95		2 Signal nighest		*				1	
Ate Ben Car	09 132 09 95	6 44' 86		the recover	ስለተገኝተው <i>ላይ</i>	these ros	itions are	made with	the	
Ate Ben Car	09 132 09 95	6 44' 86	ertions concerning	the recovers	ability of eed with a	these pos	itions are	made with	the	
Ate Ben Car	09 132 09 95	6 44' 86		the recovers	ability of ped with a	these pos	itions are	made with	the	
Ate Ben Car	09 132 09 95	6 44' 86		the recovera	ability of ped with a	these pos	itions are h of the to	made with	the	
Ate Ben Car	09 132 09 95	6 44' 86		the recovers	ability of good with a	these pos	itions are n of the to	made with	the	
Ate Ben Car	09 132 09 95	6 44' 86		the recovers	ability of good with a	these pos	itions are	made with	the	

	1	1	1			ì					
Sign		et. Long. M	et. I	iscription	3						Recoverable
	59°	1510			Flizabe	th Island					
Off Liz		184 481 987 481		est point of laws on la			eters nort	h of north	end of Is	land	Unmistakeable Easily
Ab	101	323 471	797 Whit	ewash on sr	nall projec	ting shou	der				Possibly
Bet Ile	091 1	.611 47' .170 47'	604 Whit	ewash on to	p of rock	100 meters	off shore				Yes Easily
And De	091		927 Whit 350 Oute	ewash on to	or of rock	50 meters	off shore mall shacks				Yes Easily
Ebb Far		322 47 938 48 9	923 Whit	ewash on or ewash face	iter point	of rock	<u> </u>	<u> </u>		1 :	Probably Not
Get	081	570 471	761 Sign	al highest	point of 1	ig rock					Easily
Tan Brov	m 08!	365 49' 176 49'	645 Sign	ded top of	nigh grass		i two larg	e outer ro	cks		Easily Possibly
Let Pin		23 50' 976 51'		ewash on or		meters of	shore			 	Easily Easily
Hen Tar	081	879 511	925 Whit	ewash top	of outer re	ck adjacer	it to shore			[:	Yes Yes
Char	n 08' 1	191 52'	915 Sign	الم							Not
Beg	09 1	331 531	361 East	ewash top o	hest of tw	o small ta	ill trees; a	t top of s			Yes Easily
Wasi Out	1		831 Oute	ewash on fa r rock 300	meters of	Cape Elis	abeth. Jus				Easily Easily
Lo Joy	091	675 531	137 Whit	ewash on or	iter high	oint of le	dge	1			Yes Easily
-It	09 1 - 1	485—51··	317 Whit	e-boulder-	in-gravel-l	each	 			 	Easily
Ham On	10'	614 50'	420 Whit	e boulder on re	ck	eacn					Easily Possibly
To El		014 49' 037 49'	264 Whit	ewash on re	ace of roc	at end of	 shoulder				Not readily Possibly
—н11	i091	434 521	25 1450	foot hill h the ridge	600 meters	-westward	of-triangu	lation sta	tion Egg,	from	Yes
			1		,				1 P +		
				1	•						: , , ,
	The	assertions	concerning	the recov	erabilitv	of these	ositions a	ce made wit	h the auro	paition th	l at
	the	searcher i	e edribbed	with a pho	tograph of	the topog	raphic shee	t.	sile supp		ī
	1										
		, ,									
		1 .		1	l	1	1	T g			
				•	^			· . · · · · · · · · · · · · · · · · · ·			
			1 . 9	Mes Sh	v. yo 2	581		1.3		1	: 1
			"	" Lan	net.	576 14					
				<i>W</i> -1		1/1	-	<u> </u>			
-					31	5.7-1/4		; ;			
	1			6 a 01.	<i>a</i>	. 22					1
	1		M	ngles. Ship	, 91	35		1			
				<i>c</i> '		r	, —— —	ب	1 1 1		. :
			1		•						
		+	 	 			 	<u> </u>		 	
				-		1 ,	[
]			,		: '		
		 		 				-	., 1		
									1		
i					*				i		a ; ,
			<u>, , , , , , , , , , , , , , , , , , , </u>					<u> </u>		:	: - :
			1	-		,					
	,	T .		· ·							
	;	-				1 1				1 1	
					_					F	
										1	
	1.					4			1 1		
	<u> </u>	<u>L</u>		<u> </u>		l 1		<u> </u>			<u></u>
											•