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

State: S.E. Alaska

11-5613

DESCRIPTIVE REPORT.

Topog. Sheet No. 4053

LOCALITY:
West Coast
Prince of Wales Island

El Capitan Pass ^{age} Hub Rock to

Tenass Pass

1923

CHIEF OF PARTY:

T. J. Maher

DEPARTMENT OF COMMERCE.

U. S. COAST AND GEODETIC SURVEY.
COLONEL E. LESTER JONES, DIRECTOR.

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DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC sheet of survey of
EL CAPITAN PASS
from TENASS PASS to HUB ROCK.

U. S. S. SURVEYOR

1923

C.K.Green
Topographer.

T.J.Maher
Chief of Party.

DESCRIPTIVE REPORT

to accompany
Topographic Sheet "F" El Capitan Pass.

This sheet includes both shores of El Capitan Pass from Tenass Pass (the northern entrance to Token Bay) to Hub Rock. The scale is 1 : 10 000.

The area covered is composed of very irregular shore lines and many low, wooded, islands of various sizes. The country is without exception, heavily wooded down to the shore; the trees overhanging the water in most cases. Good timber (Spruce, Hemlock, Red and Yellow Cedar) may be had along both shores of the Pass. Numerous small creeks enter the Pass from the low hills along the shores. There are no large streams. A great deal of the outcrop along the shores is marble.

Deweyville is the only settlement within the area, and is on the most important bay. The head of this bay is connected with a lake by a series of rapids. The lower end of the lake is brackish, while the upper ends are fresh. On average tides there is about 20 hours of ebb out of the lake, and 4 hours of flood. This is the most important red salmon (sockeye) lake on the west coast of Prince of Wales Id. The Topography of the lake is shown on a separate sheet. The village of Deweyville consists of a cannery building, (not in use) six houses, two warehouses, and a dock, at which five fathoms may be had at mean low water.

Parts of the area included in this sheet are foul, and special care was taken to rod in all the rocks that bare.

The two passes into Token Bay (Tenass and Brockman) are used a great deal by the small boats of the Vermont Marble Co., and by fishing and pleasure boats. Occasionally the mail boats use them.

Boats drawing seven feet have gone through Brockman pass on extreme high tides. Both passes bare at about zero tide. Tenass Pass carries slightly more water than Brockman, but is very narrow, (twenty-five feet at one place) where the current exceeds five knots, at times.

The salt water lagoon one-half mile north of Deweyville is connected with sea level by a short rapids near O THREE. Water ebbs from the lagoon for about two and one-half hours after low water. At slack water (about two hours after high water) a launch drawing four feet may pass through. There is a trail from Deweyvill through the woods to the lagoon.

Most boats travelling North through El Capitan Pass leave Hub Rock and Burnt Id. on the Port hand. Some use the East channel; passing Southeast of Graveyard Id., then head North past Clam Id. This latter channel is the cleanest and would probably be the best, if the reef one-third mile East of Graveyard, and the channel rock, one-half mile N.N.W. of Clam Id. were buoyed. Boats enter Deweyville either North or South of the reef at the entrance.

Burnt Id. is the landmark of the vicinity. There are three or four large dead trees on the island, and heavy brush. There are no large living trees on this island.

Graveyard Id. has four or five Indian gravehouses on the East end.

The names appearing on this sheet are in common use. Most of the islands are not named.

Elevations are to the ground. 125 feet was used as the average height of trees. This amount was subtracted from the computed elevations, giving the height that appears on this sheet.

No large closing errors were experienced.

Chas. K. Green
Lieut. Chas. K. Green.

U.S.S. Surveyor
T.J. Maher, Cmdg.

S.E. Alaska.
1923.

List of D.M. and D.P. of Hydrographic signals of the North sheet
of El Capitan Pass, S.E. Alaska.

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description</u>
Long *	55 55	1667	133 16	12	All signals which are starred are marked with a 1/2" brass tube cemented in rock, or a standard disk hydrographic mark. All signals are white wash on rocks and trees unless otherwise described. These white washed rocks are all from 2 to 6 feet above high water.
Bon*	56	1675	14	335	
New*	56	1828	14	494	
Moze	56	808	15	1000	
Red*	56	456	16	96	
Ill*	56	954	16	295	
Sold*	56	1263	16	269	
Pen*	56	1361	16	549	
Sad*	56	1527	16	317	
Bight*	56	1700	16	885	
Mid	56	1767	18	307	
Bug*	56	712	18	825	
In *	56	1356	18	1024	
Eye *	56	1647	20	317	
Tor	56	1333	20	368	
Seam	57	56	14	398	
Sac *	57	238	14	687	
Dub *	57	305	14	603	
Ham	57	415	14	821	No Fishing Sign
•x *	57	455	14	636	
Tan *	57	493	14	910	No Fishing Sign
Boat	57	538	14	561	
House	57	715	14	575	Off shore gable of house.
Dock	57	693	14	697	W.W. pile on dock.
Nin	57	1210	14	22	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Ten	55 57	1336	133 14	209	
Ape*	57	1447	14	85	
El*	57	1458	14	237	
Sev*	57	1698	14	193	
Thi*	57	1749	14	297	
Twe *	57	1644	14	472	
Tee *	57	1753	14	390	
Tail	57	874	14	974	
Pin *	57	483	15	109	
Sec *	57	660	15	310	
Lit	57	839	15	469	
Cat *	57	1044	15	570	
Ape *	57	1087	15	1025	
Dog *	57	1127	15	852	
Try *	57	1079	15	135	
Tin *	57	1162	15	233	
Sin	57	1253	15	420	
Can	57	1388	15	636	
How	57	1641	15	702	Off Shore gable
Trap	57	1723	15	936	Highest pole off shore
Bob *	57	188	16	996	face of fish trap.
Stik *	57	734	16	896	
Line *	57	938	16	374	
Dead *	57	1292	16	745	
Mum *	57	1324	16	861	
Mar *	57	1681	16	782	
Tom *	57	1720	16	900	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Sid*	55 57	1744	133 16	722	
Reef*	57	1743	16	428	
Sum *	57	1439	17	249	
Ball *	57	1443	17	387	
Rub *	57	1528	17	235	
Ti	57	1652	17	842	
Toc *	57	1680	17	953	
His	57	1804	17	789	
Wet *	57	67	18	731	
Two *	57	296	18	313	
Kill	57	384	18	479	
End *	57	1065	18	556	
Show*	57	1190	18	870	
Lone*	57	254	19	132	
Zip	57	350	19	442	
Pea* "	57	427	19	87	
Zed *	57	540	19	309	
Pan *	57	771	19	588	
Cord*	57	890	19	112	
Ink *	57	1290	19	427	
Val	57	105	20	1033	
S	57	243	20	351	
Nor	57	288	20	325	
Yel	57	542	20	2	
Air	57	767	20	500	
Ket	57	952	20	364	
Wod	57	1020	20	1539	
Nay *	57	1505	20	1037	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Vid	55 57	113	133 21	200	
Low*	57	235	21	226	
Tec*	57	1034	21	424	
Fine*	57	1191	21	42	
Abe	57	1291	21	355	
Be	57	1318	21	226	
Nik*	57	1487	21	375	
Boy*	57	1546	21	489	
Good*	57	1657	21	879	
Lur	57	626	22	912	
Sok*	57	601	22	687	
Ret*	57	734	22	928	
Nut	57	823	22	998	
Dol	57	770	22	621	
Bix*	57	895	22	922	
Kuz*	57	1090	22	369	
Rum*	57	1299	22	139	
Boo*	57	1450	22	336	
Vin	57	1754	22	43	
Zil*	57	278	23	188	
Tow	57	711	23	48	
Dot*	58	71	14	408	
Her	58	192	14	975	
Swe	58	242	14	567	
Sic	58	253	14	356	
Three	58	431	14	916	
One	58	424	14	738	
Fum*	58	479	14	482	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Fo*	55 58	562	133 14	815	
Fi*	58	635	14	657	
Me*	58	2	15	702	
Hid	58	200	15	100	
Ont*	58	296	15	901	
Put *	58	384	15	346.	
Bile*	58	374	15	8	
Not *	58	402	15	478	
Pop *	58	478	15	634	
Do*	58	507	15	482	
Let	58	525	15	241	
Him *	58	583	15	768	
Cold *	58	954	15	702	
Bad *	58	1059	15	509	
Gun	58	1148	15	582	
Back	58	1187	15	71	
Cow	58	1277	15	9	
Did	58	1337	15	628	
Hill	58	1342	15	82	
Pod	58	1354	15	395	
Nob *	58	1455	15	69	
Bo *	58	1622	15	101	
Eye *	58	1625	15	317	
Pull *	58	1745	15	735	
Char	58	247	16	918	
Sal *	58	289	16	768	
Big *	58	396	16	486	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description</u>
Job *	55 58	478	133 16	602	
Hun *	58	518	16	1005	
Mol *	58	650	16	528	
Coal *	58	886	16	684	
Pie	58	1067	16	884	
Jem *	58	1406	16	380	
Per *	58	1478	16	486	
Los *	58	1615	16	436	
An *	58	1660	16	491	
Cal *	58	1644	16	858	
Kit *	58	276	17	194	
It *	58	425	17	865	
Bot *	58	939	17	945	
Weep	58	1086	17	307	
Lac *	58	1130	17	400	
Von *	58	1178	17	354	
San *	58	1755	17	53	
She	58	273	17	33	
Is *	58	466	18	59	
Box *	58	579	18	320	
Hob *	58	823	18	797	
Col *	58	922	18	558	
Vid *	58	1240	18	153	
Rag	58	1492	18	37	
Nec *	58	1494	18	397	
Fat *	58	1663	18	111	
Soon *	58	1670	18	806	
Sit *	58	1275	19	543	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Still *	55 58	1263	133 19	177	
Ton	58	1392	19	505	
Core	58	1507	19	1015	
Lot *	58	1550	19	783	
Pet *	58	1749	19	217	
bow *	58	1113	20	62	
Loud *	58	1151	20	882	
Mic *	58	1563	20	147	
Sel *	58	1567	20	806	
Trip *	58	1633	20	411	
Bid	58	1657	20	3	
Soda	58	1816	20	137	
Mil	58	1830	20	477	
Bolo	58	106	21	943	
Rain	58	216	21	112	
Kip *	58	659	21	27	
Wed	59	145	15	767	
Row *	59	313	15	964	
Bit *	59	424	15	908	
Wall	59	583	15	655	
Tar *	59	710	15	1007	
Abe *	59	1351	15	967	
Ton	59	1456	15	881	
Wash *	59	1635	15	996	
Joe *	59	1768	15	1002	
Tie	59	1853	15	968	
Why *	59	7	16	5	
If *	59	92	16	946	

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<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Til *	55 59	113	133 16	590	
Gee *	59	198	16	460	
Lik *	59	200	16	58	
Mass *	59	428	16	831	
Pete *	59	427	16	586	
Mr *	59	493	16	789	
Are *	59	756	16	661	
Ask *	59	958	16	15	
Al	59	1060	16	2	
Con *	59	1168	16	67	
Lin *	59	1272	16	56	
Ban *	59	494	17	882	
Dim *	59	671	17	765	
Veh	59	846	17	872	
Com *	59	1050	17	668	
Sir *	59	1123	17	974	
Dry *	59	1149	17	526	
Sec *	59	1289	17	413	
Ko	59	1433	17	903	
Ver *	59	1551	17	384	
Bet *	59	1636	17	743	
Yop	59	1807	17	483	
Yet *	59	221	18	697	
Mop *	59	226	18	430	
Gas *	59	659	18	308	
Lob *	59	822	18	463	
Tim *	59	1025	18	96	
Job *	59	1433	18	300	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Sod *	55 59	1449	133 18	650	
Ed *	59	1413	18	981	
Gin *	59	1826	18	624	
Key *	56 00	105	18	971	
Nes *	00	201	18	811	
Rut *	00	213	18	473	
Isle *	00	282	18	986	
Lit *	00	345	18	687	
Car *	00	494	18	854	
Coo *	00	567	18	653	
Nip *	00	698	18	852	
Pin *	00	928	18	832	
Sid	55 59	31	19	287	
Law	59	101	19	825	
Rah *	59	137	19	717	
Chet *	59	345	19	520	
Doo *	59	385	19	877	
Jim	59	467	19	855	
Hef *	59	1173	19	1011	
Er *	59	1278	19	925	
Dus *	59	1323	19	795	
Min *	59	1409	19	898	
Ter *	59	1487	19	500	
Not *	59	1570	19	705	
Who *	59	1593	19	296	
Gump *	59	1659	19	707	
Lig *	59	1705	19	122	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Dee*	55 59	1807	133 19	942	
No	59	1811	19	811	
Mis*	56 00	58	19	589	
Dee	00	216	19	562	
Cob*	00	211	19	780	
Pen*	00	297	19	982	
Tid*	00	470	19	343	
Dit*	00	459	19	72	
Bit*	55 59	119	20	295	
Ko	59	138	20	352	
Fib	59	172	20	251	
Pot*	59	218	20	440	
Lim*	59	308	20	327	
Top*	59	457	20	396	
Lok	59	547	20	56	
Gob	59	588	20	557	
Sag	59	454	20	1022	
Bulb*	59	611	20	900	
Bin *	59	676	20	754	
Nul *	59	686	20	455	
Kol *	59	704	20	316	
Son *	59	621	20	79	
Ol *	59	667	20	155	
Wee	59	750	20	205	
Lu *	59	790	20	312	
Note*	59	837	20	396	
Mus	59	839	20	555	
Lag*	59	853	20	360	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Tre	55 59	876	133 20	458	
Bag *	59	926	20	516	
Des *	59	926	20	655	
Bur *	59	829	20	700	
Key *	59	751	20	921	
N	59	771	20	674	
Back	59	1154	20	82	
Off *	59	1325	20	776	
Rip *	59	1490	20	968	
Tul *	59	1552	20	351	
And *	59	1628	20	10	
Out *	59	1613	20	680	
Raw *	59	1621	20	812	
Lef *	59	1829	20	144	
Rit	56 00	5	20	100	
Lip *	00	33	20	597	
Pod *	00	60	20	105	
Nig *	00	113	20	26	
Ned *	00	116	20	216	
Dim *	00	170	20	430	
Tes	55 59	182	21	98	
11	59	300	21	24	
Duck *	59	313	21	72	
Cop	59	453	21	135	
Set *	59	511	21	8	
Dob *	59	512	21	655	
Rot *	59	582	21	296	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Kin *	55 59	593	133 21	494	
Pick*	59	878	21	825	
Tup *	59	921	21	127	
Les *	59	934	21	536	
Nat *	59	1017	21	346	
Sil *	59	1043	21	324	
Pil *	59	1041	21	394	
Mis *	59	1120	21	274	
Nug *	59	1155	21	262	
Pass *	59	1194	21	205	
Kid *	59	1205	21	165	
Dik *	59	1208	21	135	
Sin	59	1226	21	000	

Approved.
J. B. Baker
Comdg. In Charge.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

4053-11

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. (F) 4053 4053

State **S.E. Alaska**
General locality **West Coast**
Prince of Wales Island. (West Coast)
Locality **El Capitan Passage Hub. Rock to Tenass Pass**
Chief of party . **Thos. J. Maher**
Surveyed by . . **Chas. K. Green**
Date of survey . **1922--1923.**
Scale **1 : 10 000**
Heights in feet above . **Mean high water**
Contour interval **100** . . feet.
Inked by **A.W. Skilling** Lettered by **A.W. Skilling.** . . .
Records accompanying sheet (check those forwarded): Photographs,
Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet

Remarks: