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Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
State: <u>S.E. Alaska</u>	
11-5613	
DESCRIPTIVE REPORT.	
Topog.	Sheet No. <u>4052</u>
LOCALITY:	
<u>W. Coast., Prince of Wales I.</u>	
<u>El Capitan Pass</u> ^{age} <u>Capl. to</u>	
<u>Hub Rock</u>	
1923	
CHIEF OF PARTY:	
<u>T. J. Maher</u>	

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U. S. COAST AND GEODETIC SURVEY.

COLONEL E. LESTER JONES, DIRECTOR.

OFFICE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON, D. C.

4052

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

U. S. S. SURVEYOR

1923

C. K. Green
Topographer.

T. J. Maher
Chief of Party.

DESCRIPTIVE REPORT

to accompany

Topographic Sheet "E", El Capitan Pass.

This sheet includes both shores of El Capitan Pass from Hub Rock to Cap Island. The scale is 1:10 000.

The area covered is composed of irregular shore lines with many islands of various sizes, which divide the Pass into three channels. The most commonly used, however, is the eastern channel, which is the cleanest. Boats going North leave Dot Id. and Hub Rock on the Port hand. The rock 140 meters S.E. of © Fore, which bares at half tide, should be buoyed. Boats travelling between Karheen and Dry Pass usually pass to the eastward of Cap Id., and generally go between the rock off shore 100 meters, near © Tic and the shore of Tuxekan Id.

The shore is principally rock ledge, with a very few small patches of gravel at the head of bights. Some of the outcrop is marble.

The country is entirely wooded; the trees overhanging the water in most cases. The principal trees are, Spruce, Hemlock and Cedar. There are no large streams, although many small creeks enter the Pass from both shores.

The openings left in the shore line between © Go and Long (Northeast part of sheet) lead into Tuxekan Passage. The largest and southernmost is the main Tuxekan channel. The Northern opening leads into the main channel, but is extremely foul.

Practically all rocks having less than five fathoms are marked with growing kelp.

The names appearing on this sheet are in common use. Most of the islands are not named. There are no settlements within the area.

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.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

On "4052"

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. (E) 4052

4052

State . . . S.E. Alaska
General locality . West Coast Prince of Wales Id.
Locality El. Capitan ^{Passage} ~~Pass~~ — Cap. l. to Hub Rock
Chief of party . . Thos. J. Maher
Surveyed by . . . Chas. K. Green
Date of survey . . 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:

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

S.E. Alaska.
1923.

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Long *	55 55	1676.8	133 16	27.8	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 or trees unless otherwise described. These white washed rocks are all from 2 to 6 feet above High Water.
Te *	55	1570.6	15	973.9	
Fee *	55	1412.5	16	71 .4	
Bing	55	1252.0	16	449.5	
Shy *	55	1163.7	16	512.4	
Cave	55	1044.3	16	562.3	
Stick *	55	1226.4	16	569.3	
Tut *	55	1412.7	16	659.2	
Lie *	55	1446.0	16	916.0	
More *	55	1286.7	17	117.8	
Dee	55	1044.8	17	108.7	
Boat *	55	1026.7	17	289.9	
Zam *	55	800.0	17	223.8	
We *	55	509.3	16	927.0	
Let *	55	606.6	17	277.7	
No. *	55	557.3	17	231.8	
In *	56	1354.9	18	1032.8	
Bug *	56	717.9	18	827.3	
Near *	56	241.5	18	640.3	
On *	56	71.0	18	585.8	
Sic *	55	1547.6	18	416.4	
Fore *	55	1250.5	18	385.9	
Mad *	55	807.4	18	593.2	
Us *	55	424.6	18	609.4	
Muck *	55	26.0	18	834.4	
Kay *	55	602.3	17	965.7	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Hol *	55 55	535.9	133 17	993.6	
Mer *	55	513.6	17	825.0	
Bat *	55	179.2	17	698.4	
Do *	55	33.5	17	639.2	
Ob	54	1765.7	17	718.2	
Sir	54	1692.9	17	828.5	
Pole *	55	42.5	17	1016.5	
Rum *	55	83.0	17	1030.5	
Hi *	55	344.5	16	1012.1	
Fish	55	309.2	16	874.0	
Gum *	55	123.2	17	162.1	
Kame *	55	58.5	16	941.7	
Go *	54	1441.2	17	403.1	
Awl *	54	1441.4	17	642.1	
Gus *	54	1357.2	17	698.3	
Mike *	54	1275.3	17	578.4	
By	54	1168.6	17	574.5	
Set *	54	912.5	17	576.4	
Fire	54	587.2	17	727.2	
Hoe	54	576.1	17	876.3	
Jim *	54	721.0	17	915.0	
Ape *	54	928.5	17	893.0	
Del *	54	1163.7	17	830.0	
Sel' *	54	1216.8	18	232.4	
Jam *	54	1411.8	18	248.1	
Fly *	54	1608.4	18	578.2	
So *	54	1308.9	18	657.9	
Lar *	54	1121.3	18	689.7	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Sad *	55 54	749.0	133 18	893.1	
Dum *	54	1063.8	19	17.6	
Sit *	54	1055.8	19	241.9	
Ca	54	1057.7	19	561.6	
In *	54	1190.0	19	786.7	
Lock *	54	1682.1	19	677.1	
Haw	54	1815.8	19	657.7	
Ex	54	1790.7	19	758.2	
Cal	54	1572.2	19	783.0	
Moo *	54	1396.2	19	790.7	
Be	54	1236.9	19	812.9	
Slim *	54	1078.8	19	960.0	
Pie *	54	512.2	19	813.1	
Trey *	54	450.0	19	819.9	
You *	54	392.0	19	974.7	
Sid	53	1664.7	18	856.8	
Poor	53	1554.2	18	928.6	
Lee *	53	1419.9	18	780.0	
Bo *	53	1555.7	18	565.5	
Rat *	53	1675.7	18	334.0	
Hit *	53	1516.7	18	255.0	
Need *	53	1428.7	18	316.5	
Est *	53	1119.2	18	740.0	
Not *	53	1051.7	18	936.0	
Tic *	53	1530.2	19	711.0	
Lam *	53	1395.2	19	579.0	
May *	53	1315.9	19	77.0	
Rue	53	1435.7	19	61.1	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Bat*	55 53	1591.2	133 19	32.5	
Ma *	53	1188.7	19	225.5	
Lac*	53	1040.0	19	22.4	
Von *	53	782.0	19	268.0	
Tre *	53	550.0	19	705.0	
Isle*	53	1131.0	19	1008.0	
Lay *	53	1657.7	19	996.0	
End *	53	1676.7	20	946.0	
Sour *	53	1674.2	20	436.0	
Stan *	53	1435.1	20	97.6	
Vid	57	104.5	20	1030.3	
Val *	57	111.0	21	196.6	
Dee *	57	22.3	21	83.3	
Em	53	1140.7	20	362.5	
Pok *	57	92.0	22	391.0	
Zil *	57	273.8	23	188.2	
Eye *	56	1648.7	20	318.4	
Tor	56	1355.7	20	367.4	
Le	56	1280.7	20	338.4	
Sho	56	1358.7	20	193.4	
Lop *	56	1486.7	20	35.0	
Hul *	56	19.7	20	132.0	
Jack *	56	254.0	20	814.7	
Ham *	56	615.0	20	867.7	
Wet *	56	797.0	20	734.7	
Las *	56	997.8	20	747.7	
Lan *	56	775.0	20	996.2	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Mil	55 56	766.0	133 20	968.3	
Gag *	56	1423.4	20	1039.9	
Sub *	56	1819.1	20	994.2	
Cite*	56	1032.0	19	964.5	
Cro *	56	818.0	19	1019.8	
Rag *	56	780/5	19	983.2	
Fal *	56	762.0	19	721.7	
Lake	56	738.4	19	538.7	
Gat *	56	606.1	19	521.7	
Low *	56	557.3	19	465.2	
Gar *	56	427.2	19	592.1	
Gaz *	56	533.9	19	275.9	
Nox	56	353.0	19	528.1	
Llb *	56	247.3	19	537.8	
Foot	56	134.2	19	465.1	
See *	56	158.8	19	624.0	
Son *	56	181.1	19	833.5	
Nin *	56	1579.7	21	428.1	
Tok *	56	1308.7	21	731.0	
Liz *	56	1186.7	21	750.0	
Joe *	56	1121.2	21	964.1	
H *	56n	1065.7	21	442.8	
Dan *	56	1212.7	21	249.0	
Ink *	56	1022.5	21	269.1	
Dit *	56	1199.1	21	190.4	
Gip *	56	1063.7	21	92.0	
In *	56	1289.1	21	23.2	
Can	56	793.0	21	197.8	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Mex *	55 56	671.7	133 21	586.3	
Puss	56	480.8	21	671.7	
Car *	56	300.0	21	980.0	
Far	56	162.0	21	64.0	
Sing *	56	1751.4	22	639.7	
Mat *	56	1654.3	22	591.3	
Hold *	56	1712.7	22	339.9	
Ana *	56	1299.7	22	927.9	
On *	56	1088.3	22	930.6	
Lu *	56	862.8	22	1014.0	
To *	56	549.2	22	56.0	
Din *	56	385.1	22	139.9	
Mag *	56	211.6	22	969.7	
Haz *	56	117.0	22	732.7	
Pos *	56	1586.0	23	252.5	
Kap *	56	1046.9	23	67.0	
Hack *	56	812.0	23	286.8	
Dog *	56	140.7	23	280.1	
Rif *	55	1690.3	23	63.8	
Oil *	55	1512.6	23	185.5	
Par *	55	1364.1	23	390.0	
Lap	55	1167.9	23	513.7	
Sofa	55	1189.7	23	545.9	
Nel	55	1477.7	23	540.0	
Sap	55	1386.7	23	490.0	
Up *	55	1598.0	22	513.2	
Sun	55	1513.8	22	632.5	

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<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Mit *	55 55	1446.1	133 22	293.0	
Was *	55	1311.5	22	215.0	
Sil *	55	1219.6	22	322.0	
oad *	55	1312.6	22	385.4	
Ike *	55	1263.6	22	556.0	
Con *	55	715.0	22	431.0	
Ant *	55	205.0	22	550.0	
Ton *	55	1847.6	21	988.2	
Yel *	55	1672.4	21	853.2	
Mas *	55	1711.0	21	650.0	
Fel *	55	1667.4	21	490.3	
Sig *	55	1693.9	21	346.1	
Up	55	1838.6	21	209.2	
At *	55	1848.4	21	101.1	
Lo	55	1809.0	21	59.2	
Min *	55	1734.1	21	276.0	
Bed	55	1674.6	21	130.6	
Bi *	55	1554.6	21	110.8	
Al *	55	1366.6	21	41.7	
Law	55	1612.6	21	312.8	
Jeff *	55	1486.5	21	374.0	
Mit *	55	1375.6	21	514.4	
Pun *	55	1326.6	21	602.8	
Ren *	55	1609.4	21	495.1	
Fen *	55	1427.7	21	726.0	
Cap *	55	1189.8	21	84.5	
Bin *	55	62.1	21	262.0	
Wit	55	698.0	21	287.6	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Kis *	55 55	546.1	133 21	685.2	
Til	55	624.0	21	656.9	
Ram *	55	915.1	21	605.2	
Rib *	55	1169.4	21	387.8	
Roz *	55	1735.6	20	988.1	
Si *	55	1753.0	20	509.8	
Me *	55	1695.6	20	455.2	
Lem	55	1568.6	20	238.4	
Dil *	55	1544.3	20	22.0	
Hep *	55	1340.0	20	1024.1	
Mis *	55	855.0	20	1037.4	
Mi *	55	897.1	20	739.8	
He *	55	765.0	20	780.0	
Flat *	55	757.6	20	891.5	
Is *	55	691.0	20	890.3	
Bo *	55	983.6	20	859.6	
Sin*	55	389.2	20	837.8	
Dot	55	343.4	20	902.1	Small spruce Tree.
Lite*	55	664.0	20	227.9	
Pil *	55	960.6	20	123.4	
Mash*	55	1525.6	19	642.2	
all *	55	1209.3	19	963.4	
Bull *	55	147.1	19	855.0	
Zip	55	7.8	19	872.2	
Out *	54	1520.6	22	411.2	
Bud.*	54	917.6	22	407.2	
Imp	54	822.6	22	768.2	
Wel *	54	395.0	22	830.0	

<u>Name</u>	<u>Lat.</u>	<u>D.M.</u>	<u>Long.</u>	<u>D.P.</u>	<u>Description.</u>
Pro	55 54	408.3	133 22	519.8	
Sis*	54	126.6	22	677.8	
Tan	54	45.0	22	1005.5	
For	54	244.0	23	33.0	
If *	54	1716.9	21	394.0	
Nev*	54	1652.8	20	300.0	
Heel*	54	1340.3	20	339.0	
Five *	54	1089.7	20	253.1	
Aft *	54	966.2	20	76.3	
War *	54	667.4	20	286.6	
Lot *	54	811.8	20	600.0	
Mop *	53	1832.9	22	850.0	
Pass *	53	1608.1	22	695.7	

Checked-----H.L.B.

Copy Checked-----H.L.B.

12-14-23.