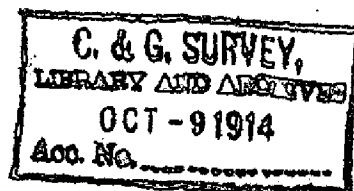


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Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: *S. E. Alaska*

11-5013

DESCRIPTIVE REPORT.

Topos Sheet No. *34534 a-b*

LOCALITY:

Treaders Bay
West coast of Prince
of Wales Island
S. E. Alaska

191
F. H. Hardy assisted.

CHIEF OF PARTY:

453 a + b

Fig.

3453

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET No. 3.

Trocadero Bay.

West Coast of Prince of Wales Island.

S. E. Alaska.

LIMITS, ETC.

The sheet, scale 1 : 20,000 has the following limits:
Lat. $55^{\circ} - 20'$ to $55^{\circ} - 28'$; Long. $132^{\circ} - 56'$ to $133^{\circ} - 21'$. There are two unattached sub-sheets; one with contours to the northeast of the main sheet with a north limit of $55^{\circ} - 29'$ and east limit of $132^{\circ} - 51'$; the second with shoreline and contours to east of main sheet, the eastern limit being $132^{\circ} - 49'$.

SHORELINE, ETC.

There are 108 miles of shoreline and approx. 119 square miles of area. The coast is of the usual S. E. Alaska type -steep and rocky in most places with shingle formation in between. Sand and gravel beaches are found near the head of small protected bights, and a large mud flat at the head of Trocadero Bay. With the exception of a few of the higher peaks which are either bare and rocky or covered with alders, and a few rocky islands, all the land is covered with the usual S. E. Alaska timber growth, which is mostly pine, spruce and cedar.

NAMES, ETC.

The names given on the sheet in ink are taken from previous charts and sketches of the area, while those in pencil are names from the old Spanish chart of 1779. According to the older charts the name Rubber Island was given to the whole group to eastward of Madre De Dios Island, but the island named Rubber Island on chart has that name locally and on the preliminary chart of the work of 1913. There are a number of fresh water streams where small fish-boats could obtain water, but the only place for a ship to obtain fresh water

is at Craig, and Waterfall Cannery in Ulloa Channel which fall off the sheet.

LANDMARKS, ETC.

The most prominent landmark is the high hill North of Port St. Nicholas which is covered with alders and shows a brilliant green against the skyline, and is visible for many miles both to north and south .

INDUSTRIES, ETC.

There is a copper mine near the head of Trocadero Bay, but the main industry is fishing for halibut and salmon.

METHODS, ETC.

Great difficulty was experienced in use of plane table due to rainy weather. The usual plane table methods were used in determining the shoreline. Two small stretches were obtained by use of celluloid sheet due to extreme rains and transferred to sheet. All heights were determined from three points except a few low rocks whose elevation was estimated. The 100 ft. contours were sketched in and represent the elevation of the tree-tops, where trees grow. The work is partly that of Ass't. P. R. Bettison and part of Nelson W. Smith, Aid.

Respectfully Submitted.

Nelson W. Smith

Aid, C. & G. Survey.
Topographer.

Approved and Forwarded.

J. H. Stanley
Assistant, C. & G. Survey.
Commanding Str. GEDNEY.

LIST OF D. M's and D. P's.

of

PLANE TABLE POSITIONS.

in

TROCADERO BAY.

PLANE TABLE POSITIONS.

Stations.	Lat.	Sec. in Meters.	Long.	Sec. in Meters.	Remarks.
Da. -△ Station Agueda.					
Mist.	55 - 25	845 1010	133 - 14	184 -872	Unmarked.
Nito.	- 24	762 -1093	- 14	773 -283	Rock; recover- able.
Ran.	- 24	24 -1831	- 18	556 -500	Unmarked.
Wind.	- 21	1483 -372	- 15	812 -245	Center of rock; recoverable.
Fog.	- 22	240 -1615	- 15	176 -881	Rock on Point; recoverable.
Hal.	- 22	826 -1029	- 14	243 -814	Unmarked.
Bet.	- 22	1800 -55	- 12	872 -185	" "
Te.	- 22	1581 -274	- 12	221 -835	" "
Son.	- 22	1505 -350	- 11	65 -992	Rock; recover- able.
Lad.	- 22	1088 -767	- 10	507 -550	Unmarked.
In.	- 22	74 -1781	- 09	961 -96	Rock; recover- able.
Bit.	- 21	1462 -393	- 09	760 -297	Unmarked.
Din.	- 21	1112 -743	- 09	673 -384	" "
Ton.	- 21	1523 -332	- 09	515 -542	" "
Tif..	- 22	240 -1615	- 09	459 -598	" "
Del.	- 22	723 -1132	- 09	341 -716	Unmarked.
Ned.	- 22	1841 -514	- 09	1005 -52	" "

Mor.	55 - 22	1478 -377	133 - 08	856 -201	Unmarked.
Cus.	- 23	1007 -848	- 09	653 -404	"
Nan.	- 23	514 -1341	- 09	293 -764	"
Sub.	- 23	396 -1459	- 08	731 -326	"
Mag.	- 23	660 -1195	- 08	34 -1023	"
Les.	- 23	49 -1806	- 07	652 -405	"
Dub.	- 22	1293 -562	- 07	653 -404	"
Net.	- 22	1654 -201	- 07	33 -1024	"
Sin.	- 22	1078 -777	- 07	112 -945	"
Jog.	- 22	975 -880	- 06	692 -365	"
Col.	- 22	770 -1085	- 06	146 -911	"
Port.	- 22	1512 -343	- 06	416 -641	Center of rock- -Recoverable.
Dad.	- 22	1809 -46	- 06	182 -875	" "
Bal.	- 23	* 262 -1593	- 06	609 -448	" "
Nun.	- 23	729 -1126	- 05	813 -244	" "
Mis.	- 23	1644 -211	- 05	384 -673	Unmarked.
Bum.	- 21	1800 -55	- 04	468 -589	"
Lum.	- 26	1417 -438	- 07	239 -817	Point of the rock- Recoverable.

Lost	55 - 27	241 -1614	133 - 07	625 -431	South end of rock -recoverable.
Rok.	- 27	947 -308	- 07	322 -734	Rock on beach; re- coverable.
Big.	- 27	152 -1708	- 05	1026 -30	Unmarked.
Log..	- 26	1754 -101	- 05	379 -677	"
Rig.	- 26	1825 -30	- 03	756 -300	"
Fig.	- 27	551 -1304	- 02	488 -568	"
Pen.	- 27	373 -1482	- 01	963 -93	"
Stump.	- 27	458 -1397	- 00	627 -429	"
End..	- 27	85 -1770	132 - 59	654 -402	"
Wit.	- 26	1623 -232	133 - 00	216 -840	Rock, -Recover- able.
Dead.	- 26	1483 -372	- 01	206 -850	Large dead tree- Recoverable.
Isle.	- 26	1004 -851	- 02	590 -465	Unmarked.
Ed.	- 26	261 -1594	- 03	510 -546	"
Po.	- 25	1447 -411	- 05	188 -868	"
Al.	- 25	1671 -184	- 05	712 -344	Rock - Recoverable.
Pass.	-25	1473 -382	- 05	961 -95	Unmarked.
Ban.	- 25	1602 -253	- 05	1020 -36	"
Ben.	- 24	1137 -718	- 04	800 -256	"
Da.	- 25	1410 -445	- 05	747 -309	"
Yon.	- 24	1785 -70	- 02	100 -956	"

Ted.	55 - 25	427 -1428	133 - 04	746 - 310	Unmarked.
Bud.	- 25	590 -1265	- 04	521 -535	"
Shot.	- 25	602 -1253	- 04	294 -762	"
Sum .	- 25	322 - 1533	- 03	1036 -20	"
Tub.	- 25	229 -1627	- 03	763 -293	"
Lit.	- 25	141 -1714	- 03	259 - 697	"
Man.	- 25	92 -1763	- 03	144 -912	"
Tar.	* 25	78 -1877	- 03	27 -1029	"
Gul.	- 24	1747 - 108	- 02	283 -773	"
Pil.	- 24	1167 -688	- 02	358 - 698	"
Bol.	- 24	808 -1047	- 02	337 -719	"
Ink.	- 21	470 -1396	132 - 59	332 -725	"
Nag.	* 20	1811 -45	- 59	715 -342	"
Dim.	- 22	202 -1654	- 57	888 -169	"
Guy.	- 22	173 -1683	- 57	498 -559	"
Pal.	- 21	1667 -189	- 57	106 -951	"
Don.	- 21	1530 -326	- 56	780 -277	"
Out.	- 21	1162 -694	- 56	332 -725	"
Gas.	- 21	471 -1385	- 55	443 -614	Center of grassy point on Id. Recoverable.
Sol.	- 21	619 -1237	- 55	170 -887	S. side of small lone tree on point. Recover- able. ✓

Sat.	55 - 21	295 -1561	132 - 54	19 -1038	Unmarked.
Fle.	-21	344 -1512	- 53	933 -124	Dead tree in center of Id.; Recoverable.
Fin.	- 21	316 -1540	- 52	970 -87	Unmarked.
Tak.	- 21	3 -1853	- 53	585 -472	"
El.	- 20	1729 -127	- 55	92 -965	N. side of lone tree on Id.; Recoverable.
Pro.	- 20	1730 -126	- 55	900 -157	Unmarked.
Ter.	- 21	162 -1694	- 57	325 -732	"
Gul.	- 21	330 -1526	-57	667 -390	"
Rig.	- 21	290 -1566	-58	650 -407	"
Mon.	- 22	452 -1404	133 -00	290 -767	"
Con.	- 22	40 -1816	132 -59	942 -115	"
Sex.	- 22	271 -1585	- 59	324 -733	"
Map.	- 22	127 -1729	- 59	326 -731	"
Ben.	- 21	1798* -58	-59	200 -857	"
New.	- 21	1624 -232	- 59	60 -997	"
Bog.	- 21	1416 -440	- 58	1023 -34	"
Bel.	- 21	1408 -448	- 59	157 -900	"
Nek.	- 21	1731 -125	-58	568 -489	"
Mine.	- 22	320 -1536	-58	312 -845	"

Lan.	55 - 21	276 -1580	132 - 58	263 -794	Center of grassy rock-Recoverable.
Nic.	- 20	1772 -84	- 58	129 -928	Unmarked.
Act.	- 20	1396 -460	- 57	893 -164	"
Las.	- 20	1117 -739	- 57	808 -249	"
Set.	- 20	1601 -255	- 58	336 -721	"
Shot.	- 21	1184 -672	- 58	31 -1026	"
Doe.	- 21	997 -859	- 58	128 -929	"
Gun.	- 21	756 -1100	- 58	207 -850	"
Jim.	- 21	550 -1306	- 57	887 -170	"
Mid.	- 21	947 -909	- 57	301 -756	"
Wag.	- 21	978 -878	- 57	1010 -47	Unmarked.
Fun.	- 21	814 -1042	- 56	522 -535	"
Rad.	- 21	373 -1483	- 55	909 -148	"
Son.	- 21	285 -1571	- 56	37 - 1020	"
Red.	- 21	304 - 1552	- 56	334 -723	"
Cor.	- 21	276 -1580	- 56	930 -127	"
Pub.	- 21	610 -1248	- 57	196 -861	"
Rat.	- 23	418 -1438	133 - 04	654 -403	"
Sut.	- 23	90 -1756	- 05	262 -795	"

Hit.	55 - 23	29 -1827	133 - 04	901 -150	Unmarked.
Raj.	- 22	1712 -144	- 04	380 -677	"
Lut.	- 22	1483 -373	- 04	1037 -20	"
One.	- 22	1097 -759	- 04	885 -172	"
Bug.	- 22	1075 -781	- 04	835 -222	"
Hel.	- 22	1002 -854	- 05	183 -874	"
Doc.	- 24	546 -1310	- 03	283 -774	"
Hot.	- 23	455 -1401	- 01	936 -121	"
By.	- 22	1279 -577	- 00	1010 -47	"
Per.	- 22	1033 -823	- 00	760 -297	"
No.	- 22	778 -1078	- 00	950 -107	Center of rock- Recoverable.
Du.	- 22	690 -1166	- 01	210 -847	Unmarked.
Hol.	- 22	291 -1565	- 00	890 -167	"
Sag.	- 22	736 -1120	- 00	470 -587	"
Day.	-22	722 -1134	- 00	37 -1120	"
Ras.	- 23	668 -1188	- 07	650 -417	Point of rock- Recoverable .
Tu.	- 23	863 -993	- 07	765 -292	Unmarked.
Sec.	- 23	1516 -340	- 06	962 -95	"
Mit.	- 23	1030 -826	- 07	142 -915	"
Tub.	- 23	1374 - 482	- 06	347 -710	"

Fix.	55 - 23	1426 -430	133 - 05	332 -725	Unmarked.
Rug.	- 23	768 - 1088	- 05	65 -992	Center of rock. Recoverable.
Lag.	- 23	665 -1191	- 04	903 -154	Unmarked.
Bolt.	- 24	626 -1230	- 02	291 -766	"
Ab.	- 24	275 -1581	- 03	222 -835	"
Imp.	- 21	1284 -572	132 - 58	272 -785	"
Rip.	- 20	1224 -632	-59	863 -194	"
Nol.	- 20	1156 -700	133- 00	882 -175	"
Sho.	- 20	1330 -526	-01	290 -767	"
Dot.	- 20	1695 -163	- 02	233 -824	"
Ful.	- 20	1340 -516	- 02	657 -400	"
Bob.	- 21	466 -1390	- 02	877 -180	"
Six.	- 24	1714 -142	- 04	804 -253	"
Sox.	- 24	1542 -314	- 04	850 -207	"
Rit.	- 22	1830 -26	- 04	132 -925	Center of ^{rock} pois Recoverable.
Ho.	- 23	172 -1684	- 04	928 -129	Unmarked.
Ham.	- 22	1580 -276	- 05	940 -117	"
Cap.	- 22	282 -1574	- 05	317 -740	"
Len.	- 22	240 -1616	- 04	952 -105	"

Er.	55 - 22	12 -1844	133 - 04	843 -214	Unmarked.
Sis.	- 21	745 -1112	- 16	279 -778	"
Lic.	- 21	729 -1127	- 15	990 -67	"
Pet.	- 21	596 -1260	- 15	551 -506	Black rock- Recoverable.
Nid.	- 21	403 -1453	- 14	914 -143	Unmarked.
Sip.	- 21	417 -1439	- 13	939 -118	"
Ral.	- 21	146 -1710	- 13	989 -68	"
Pad.	-20	1686 -170	- 14	766 -291	"
Cold.	- 20	1588 -268	- 15	368 -689	"
Gob.	- 20	1667 -189	- 16	545 -512	"
Eg.	- 21	1647 -210	- 17	374 -683	"
Sod.	- 22	1229 -627	- 07	920 -137	"
Nix.	- 22	696 - 1160	- 05	974 -83	"
Eco.	- 20	943 -913	- 00	264 -797	"

TOPOGRAPHIC SHEET NO. *3453. and 3453 a + b.*

Trocadero Bay and Approaches

West Coast of Prince of Wales Island

S. E. Alaska.

Executed by

P. R. Bettison, Asst.

And

N. W. Smith, Aid.

Season of 1914.

Party of Str. Gedney,

F. H. Hardy Asst., Comd'g.

Sca

Scale 1-20,000.

NOTE:

Two small sub-sheets are attached.