

4448

Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
....., Director	
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State: Washington.....	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. 4448
LOCALITY	
West Coast	
Alexander Island to	
Cape Johnson	
1929	
CHIEF OF PARTY	
R. D. Horne	

C. & G. SURVEY
L. & A.
OCT 31 1929
Acc. No.

DESCRIPTIVE REPORT TO ACCOMPANY SHEET "C"

BEACH TO CAPE JOHNSON

Party of R.D.Horne Instructions dated May 16, 1929

Scale 1:20,000

DESCRIPTIVE REPORT TO ACCOMPANY SHEET "C"

BEACH TO CAPE JOHNSON

Party of R.D.Horne, Instructions dated may 16,1929,Scale 1:20000

GENERAL DESCRIPTION:

The bluff along this section varies from sandstone to disintegrated shale, with the former rising in sheer bluffs usually not passable at the base, and the shale forming receding bluffs well covered with trees and brush.

Off lying rocks are numerous, and where close inshore are apt to blend in with the back ground of trees and bluff. Some are covered with bird lime and stand out in marked contrast with the surrounding objects.

Alexander Island is a brush covered island with one group of trees at the northern end, and several groups at the southern end.

Toleak Point is a low, flat point, with a large cluster of rocks to the seaward, and the Giants Graveyard to the north is a group of peaked rocks, all of a fairly light color. Teawhit Head is a sheer rocky cliff, covered with trees, and is not passable around the base of the bluff.

Quiáayute Needle is a gray colored rock, the shape of a dog tooth, and very peaked. (See photograph #2).

From Log north the bluffs are of a more friable material, and usually have a strip of broken rock along their base, with a reef extending out to the seaward. (See photographs # 3&4).

Cake rock is a square looking rock, with nearly perpendicular sides. It is grassed over on top, and has a small mound rising in the center.

SURVEY METHODS:

Signal Good was not computed when the sheet was started, and the traverse was started from Beach north by orienting on Alexander Island. The error at Good was five meters.

A traverse was then started at Tol and run south to Good, using a boat to get from set up to set up along the base of the bluff to the north of Good, and closed with no appreciable error.

From Toleak Point north to the long bluff north of The Giants' Graveyard the beach was traversed, with a final check from a three point fix on rocks

The work conforms to the general instructions.

It also complies with the specific instructions, except that several notes on the old charts were not accounted for. These have been added to the sheet in pencil with appropriate notes. They should receive consideration when plotting the hydrographic sheets.

The junctions with contemporary and old surveys are adequate.

No additional surveying is required

E. P. Ellis

Sep. 1930.

previously cut in from triangulation stations and traverse stations.

A traverse was then run south from Tea to the north side of the bluff referred to above, and the bluff was sketched in from a series of cuts taken as the work progressed. This traverse was checked the same as the traverse from the south.

From Teawhit Head north a traverse was run on the beach, with a check from a three point fix on the headland south of La Push, using two triangulation stations and Quilalayute Needle. The error was negligible.

The beach traversing was continued from Log north to John, with the check at the north end from a three point fix, having previously plotted cuts to rocks, taken by the triangulation party. John is not visible from the beach, in a suitable location.

Cuts were taken to off lying rocks while set up at triangulation stations, where ever possible, with the sheet oriented on a triangulation station as much in line with them as possible. No appreciable distortion was noticed in the sheet.

Indian canoes, with out-board motors, were used for transportation while doing this sheet, and the ability to get around the base of the bluffs was a great advantage, for since the "big blow" of 1922 the trails over the heads have not been kept up.

NEW NAMES; (Local and well-established):

Strawberry Point is the name applied to the first point north of Teleak Point by the Indians at La Push, and is in general use by them. The origin of the name may come from the fact that the point is covered with a growth of wild strawberries.

COMPARISON WITH OLD SURVEY:

The shape of the head around Goodman Creek is changed considerably from that shown on the tracing. Locally this creek is known as Jackson Creek, and is referred to by this name as much as it is to Goodman Creek.

The large rock just southeast of Tol-eak Point appears to be misplaced on the original work, and the new location is two-hundred and fifty meters to the southeast.

The two rocks about one mile south by west of Cape Johnson are now awash, and the new location obtained by four or five cuts gives their location one-hundred meters to the southeast.

Respectfully forwarded:

Roland D. Horne

Roland D. Horne
Chief of Party.

Respectfully submitted:

Gilbert R. Fish

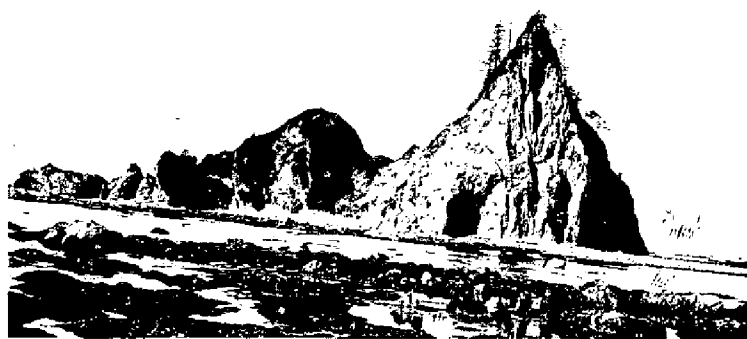
Gilbert R. Fish; Topographer
Aid, C. & G. Survey.



Looking south from the beach east of Teawhit Head.



Taken from the beach to the east and north. (Quillayute Needle to left.)



Topo. Signal sharp from the east (1/2 mi. S of Cape Johnson.) (L.T.)



Cape Johnson from the small point to the south (L.T.)



(Teawhit Head from the beach to the east)

Sheet C

Plane-table Positions.

Object & Description		Lat.	D.M. <small>meters</small>	Long.	D.P. <small>Meters.</small>	Hgt. <small>ft.</small>	Remarks.
Nob	Rock	47-50	954	124-34	111		Top
Holy	Rock	47-50	1062	124-33	324		Peak
Twin	"	47-50	1801	124-33	1037	120	Outer peak
Cul	" , light color	47-50	1783	124-33	1154	81	Top.
Bud	Tree, spruce	47-51	93	124-33	76	10	Marked.
Nip	Rock	47-51	615	124-33	606		Peak
Ore	Rock	47-51	1043	124-33	1136		Top.
Tam	" , green top	47-51	1081	124-33	996		Top
Yard	"	47-51	588	124-34	117	210	"
White	"	47-51	1577	124-34	281	112	"
Cone	"	47-51	1877	124-34	335	60	"
Wow	" top of outer rock of group	47-51	1782	124-33	777	10	"
Liz	Rock	47-52	383	124-34	777	8	"
Fal	Boulder, smooth face, about 15 m. S of W-side of clump of trees	47-52	942	124-34	864	30	May not remain.
Surf	Rock	47-52	1195	124-35	75	18	Top.
Mark	Tree	47-52	1375	124-35	324	8	Marked
Kot	Face of point	47-52	1308	124-35	1023	10	
Net	Rock	47-52	663	124-36	21	60	Top.
Gump	"	47-52	588	124-36	282	64	"
Lean	" outermost peak	47-52	640	124-36	906	80	"
Land	Small peak on end of point, green	47-52	728	124-36	876	116	"
Sit	Rock, Knob	47-52	1104	124-36	763	7	"
Pet	Face of rky pt. Small peak on pt.	47-52	1485	124-36	625	10	
Nan	Tree	47-53	118	124-36	1071	12	Marked

Sheet C

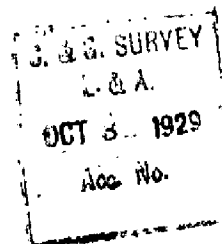
Plane-table Positions.

Object. & Description	Lat.	D.M. meters.	Long.	D.P.	Hgt.	Remarks
Cole Face of rock NE of "Beach"	47°-48'	613	124°-28'	1227	12'	
Dot Rock	47°-47'	1672	124°-31'	155	25'	Top.
Blat Rock	47°-48'	1364	124°-31'	958	68'	Top.
Brown Rock	47-48	1772	124-30	773	82'	Top
Spic "	47-48	1121	124-29	155	15'	"
Zip "	47-48	1162	124-29	870	105'	"
Rat "	47-48	1290	124-29	890	8'	"
Wop "	47-48	1576	124-29	253	52'	"
Glo "	47-49	177	124-29	469	18'	"
Cup Shack, W side	47-49	509	124-29	791	8'	
Pair Tree, dead tallest of two	47-49	829	124-30	53	30'	
Gray Peak on point	47-49	871	124-30	194	80'	
Mite Small boulder	47-49	853	124-30	663	4'	
Loaf Rock, white	47-49	592	124-30	866	12'	Top.
Pin Small peak on rock.	47-49	406	124-30	831	15'	
Wall Slight knob on face of bluff about 10m. N of reef	47-49	1127	124-31	111	12'	
Lak Tree 2 ft. spruce	47-49	1803	124-31	434	15'	Marked.
Nut Rock, small	47-50	16	124-31	1198	4'	Top.
Tot Rock	47-49	1237	124-32	324	72'	"
Round Islet, grassy	47-49	1582	124-33	294	130'	"
Slim Rock	47-49	1726	124-32	876	70'	"
Jap "	47-50	677	124-32	453	80'	"
Gip Dead tree on beach	47-50	1217	124-32	557		
Prof Tree, lone	47-50	1471	124-32	1237		

Sheet C.

Plane-table Positions.

Object	Description	Lat.	D.M.	Long.	D.P.	Hgt.	Remarks.
Quil	Rock	47° 52'	meters 1435	124° 37'	meters. 1230	ft. 81	Top
Wid	" rather wide some directions.	48-53	279	124-37	434	65	"
Bar	Rock	47-53	389	124-37	993	195	"
Abe	Rock, face	47-53	728	124-37	712	10	
Ras	"	47-53	864	124-37	1085		"
Och	Top of slide at point, yellow.	47-53	1236	124-37	1067	190	"
Yap	Tree	47-55	1584	124-38	613	8	Marked.
Bet	Tree	47-56	468	124-38	919	8	"
Cake	Mound on top of rock	47-55	1776	124-41	49	116	Top.
Ruf	Rock	47-56	559	124-40	93	136	"
Tal	" gray	47-56	767	124-38	1146	140	"
Long	Outer peak on rock	47-56	967	124-39	134	63	"
Mo	Smooth face of point.	47-56	1500	124-39	690	10	
Wasp	Large boulder S'y of group	47-57	155	124-39	866	8	"
Star	Rock, highest pt.	47-57	151	124-41	375	12	"
Aud	"	47-57	448	124-40	392	130	"
Show	" , white	47-57	441	124-40	45	40	"
Sharp	" trees on slope	47-57	930	124-40	300	226	"
Hol	Rock	47-57	1646	124-39	1132	18	"
Reef	Face of highest rk.	47-57	1646	124-40	388	10	
Mid	" " rocky pt.	47-58	16	124-40	612	10	
Hump	Rock, highest pt.	47-58	208	124-40	1183	127	"
Map	Rock, highest of group at point	47-50	153	124-32	568		Top

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4448

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field Letter C

REGISTER NO. 4448

State WashingtonGeneral locality Olympic Peninsula West CoastLocality Alexander Island to
3 miles north of Horn Head to Cape JohnsonScale 1:20,000 Date of survey September, 1929

Vessel _____

Chief of Party Roland D HorneSurveyed by Gilbert R. Fish

Inked by _____

Heights in feet above HW to ground ~~to tops of trees~~~~Contour~~ Approximate contour Form line interval 20 feetInstructions dated May 16, 1929

Remarks: _____