

4447

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

....., Director

State: Washington

DESCRIPTIVE REPORT

Topographic
~~Hydrographic~~

Sheet No.

4447

LOCALITY

West Coast

Vicinity of Queets River to
Alexander Island

1929

CHIEF OF PARTY

R. D. Horne

NOTED BY PRINTING OFFICE

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

DESCRIPTIVE REPORT TO ACCOMPANY SHEET "B"

STRONG TO BEACH

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

Scale 1:20,000

DESCRIPTIVE REPORT TO ACCOMPANY SHEET "B"

STRONG TO BEACH

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

GENERAL DESCRIPTION:

From Strong to Kala the bluff is low and composed of yellow conglomerate, with a gravelly shelf, covered with drift wood, between the base of bluff and the high water line. The beach is fairly wide at low water and is free from rocks. From Kalaloch creek north to Browns Point the bluff is sloping in most places, and is covered with vegetation in most places.

Browns Point is a sandstone cliff, and is in the form of a series of small minor points with small bights between, the bluffs of the later being of softer material and covered with vegetation. The base of the bluff has a sandy beach, strewn with rocks, in front of it, and the base of the bluff can be passed on foot at fairly high tide.

From Browns Point north to the Hoh Head there is a sandy beach along the base of a bluff which is well clothed with trees along the extremities, and with a bluff of yellow conglomerate north of Cedar creek and south of Hoh river. Three Tree Point is a cliff of gray sandstone, and the bluff north of Hoh river is more of a yellow sandstone.

Hoh Head is a sheer rock cliff, and is well covered with trees and brush. On both sides the trees run down to the high water line.

North of Hoh Head there is a good beach at low water, and the beach can be hiked except for the first small head to the north. The bluff is covered with trees, except where the cliffs of gray sandstone rear up.

SURVEY METHODS:

A traverse was run from Strong to Kala, error twelve meters and adjusted on sheet, and from Kala to Brown. Signal Brown was not computed when the traverse was run, and while occupying Kala a cut was taken to Brown, and later Brown was located by setting up at the station and resecting on Destruction Island L.H., this position agreeing with the computed position.

A traverse was then run from Brown to Cliff, with the location of Cliff obtained by methods similar to those used for Brown. The traverse checked with the position of Cliff obtained by resection, but the computed

position of Cliff placed the station twenty-seven meters toward Brown, from the location obtained on the sheet by resection. The topography from Brown to Cliff was adjusted to the new position of Cliff on the sheet.

The traverse was continued north from Cliff, using the resection position, and was later tied in with Cedar, as computed. The traverse was in error by the same amount as the error in the position of Cliff. Cuts were taken to rocks visible from near signal Cedar, with the topographic set up accurately located, and the final position of the rocks adjusted to these cuts.

While at Signal Cedar an error of forty-four meters was observed by orienting on signal Head and resecting on Destruction Island L.H.

Cedar to Camp was the next traverse run, with the sheet oriented on signal Head, and distortion allowed for in taking cuts. No error was found in checking in on signal Camp.

For the traverse from Camp to the north side of the large cove south of Hoh Head the sheet was oriented on Signal Cedar, and the traverse was checked by resecting on North Rock, and other signals previously located. The small cove just south of the head was run in from a station obtained by resection.

A traverse was run south from Beach to the north side of Hoh Head; the final check was obtained by a three point fix using visible triangulation stations and topographic signals cut in from triangulation stations.

NEW NAMES: (Local and well-established)

Browns Point is a name in universal use along this section of the coast for the sandstone points about two miles north of Kalaloch creek. No knowledge is had of the origin of the name.

Three Tree Point is the name applied to a small sandstone cliff two miles south of Cedar creek. The name is universally used by the people in the locality, and originates from the fact that the point has three large and nearly dead trees situated on it.

COMPARISON WITH OLD SURVEY:

The shore-line fits the old survey quite closely, and the rocks agree except for the notations as shown on the sheet, for the rocks near Cedar creek, the rock north of Browns Point, and the group east of Perkins Reef.

The rocks to the northeast of Destruction Island are not above the water as shown on the tracing, and the area is now filled with numerous breaks that can not be located due to the narrow base available. The weather became foggy as the north side of the island, west of the sand spit, was being finished up, and the reef was sketched in from the cuts already taken and the brief glimpses obtained through the fog.

Respectfully submitted:

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

Respectfully forwarded:

Roland D. Horne
Roland D. Horne,
Chief of Party.

The work conforms to the general instructions.

It also complies with the specific instructions, except that rock details in vicinity of Destruction I. are incomplete. This area should be supplemented, in charting, by H. 886 and H. 22036.

The junctions with contemporary and old topographic sheets are adequate.

No additional surveying is required, but air photographs would help in a more accurate and complete representation of rocks.

E. P. Ellis Sep. 1930

Sheet B

Plane-table Positions.

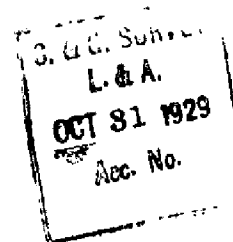
Object & Description		Lat.	D.M. <small>meters</small>	Long.	D.P. <small>meters</small>	Hgt. <small>ft.</small>	Remarks.
Mow	Tree	47-34'	1558	124-21	1068		Marked.
Sec	Dead stub, center of three, leans inland	47-35	384	124-21	1179	48	"
Side	Stump 5' diam. 25' high.	47-35	928	124-22	28	43	"
Back	Small tree about 30m south of thick clump, stub in between	47-35	1750	124-22	263	33	'
Find	Rock, white	47-36	265	124-22	991	5	Top
Dull	House, SW corner	47-36	1088	124-22	623	31	
Gab	Shack, W gable	47-36	1577	124-22	689		Unpainted.
Shak	" SW corner	47-37	270	124-22	770	23	"
Road	Tree, outer	47-37	1132	124-22	938	52	Marked
Tip	Rock,	47-37	1310	124-23	204	8	Top.
Nob	" knob on top	47-38	254	124-23	159	25	"
Base	Face of point, rock above shelf	47-38	744	124-23	172		
Far	Tree, 10" diam, heavy limbs to seaward 40m. N of 2 white stubs	47-38	1633	124-23	260		Marked
Greg	Rock, grassy	47-39	334	124-23	587	38	Top.
West	Face of pt. W'y, 2nd pt. from S.	47-39	1175	124-23	684	10	
Spruc	Large spruce tree	47-40	243	124-23	980	104	
Chute	Gravel chute	47-40	760	124-23	1173	25	Top.
Hill	Tree, group of stumps close	47-40	1475	124-24	291	58	Marked
Yel	Tree 8" diam.	47-41	376	124-24	568	80	"
Den	Tree, scrubby, center of dense thicket, W edge of small bank	47-41	1813	124-24	878	34	
Wet	Face of bluff, sharp pt.	47-42	567	124-24-	1057	12	
Flat	Rock, S side flat.	47-42	848	124-24	1200	23	Top.
Ann	"	47-42	1518	124-25	25	27	"
Stub	Short stub on outer knoll	47-42	1737	124-25	342	140	
Spit	Face of small rock pt.	47-43	366	124-25	108	10	
Rav	Tree, spruce, S side of group	47-43	1241	124-25	211	36	

Sheet B

Plane-table Positions.

Object	Description	Lat.	D.M. meters	Long.	D.P. meters	Hgt. ft.	Remarks
Slop	Tree, small, bushy detached	47-44	175	124-25	389	50	Marked.
Lug	Tree	47-44	871	124-25	605	109	"
Bol	Rock, largest	47-44	1333	124-25	869	15	Top
Vil	Pole for radio, small	47-44	1688	124-25	1118	40'	
New	Storehouse NW cor.	47-45	54	124-26	82	10'	
Hoh	Log N end	47-45	247	124-26	397	8	Blazed
Ram	Rock	47-45	444	124-27	376	53	Top
Barb	"	47-45	708	124-26	1144	61	"
Bite	Face of rock	47-45	1346	124-26	1203	10	
Con	Tree	47-46	51	124-27	482	30	Marked
Cove	Rock	47-46	114	124-28	281	15	Peak.
Gren	" green	47-46	665	124-28	393	60	Top.
Perk	" high point.	47-46	648	124-30	279	25	
Prox	Face of rock	47-46	1267	124-28	610	12	
Gray	Tree 10" diam. S'ly of two.	47-47	107	124-28	862		Marked.
Pie	Rock	47-47	696	124-28	1116	75	Peak
Smal	"	47-47	803	124-29	212	8	Top.
Bro	"	47-47	1013	124-28	1174	98	Peak
Mos	Face of rock	47-47	1700	124-28	1084	40	
Tree	Tree, bushy N'ly	47-47	1743	124-30	467	121	
Dark	Derrick, mast, red	47-40	753	124-29	96	35	
Flag	Flag pole	47-40	805	124-29	191		
Rad	Radiomast E'ly of two.	47-40	948	124-28	1236		
Tank	Water tank	47-40	1051	124-29	36		Top
Clump	Clump of trees	47-40	1128	124-28	1037		"
Stair	Base of stairway	47-40	1372	124-28	1033		

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



REG. NO. 4447

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 B

REGISTER NO. 4447

State Washington

General locality Olympic Peninsula, West Coast

Locality Vicinity of Queets River to Alexander Island
3 miles north of Queets River to 3 miles
north of Hon Head.

Scale 1:20,000 Date of survey August, 1929

Vessel _____

Chief of Party Roland D. Horne

Surveyed by Gilbert R. Fish

Inked by " " "

Heights in feet above H.W. to ground ~~to tops of trees~~

~~Contour Approximate contour~~ Form line interval 20 feet

Instructions dated May 16, 1929

Remarks: _____