

8825

Diag. Cht. No. 8502-3.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey **Topographic**

Field No. **CS-319** Office No. **T-8825**

LOCALITY

State **Alaska**

DATA RECORD

T- 8825

Quadrangle (II):

Project No. (II): CS-319

Field Office:
Seattle, Washington

Chief of Party: H. E. Finnegan

Compilation Office:
Baltimore, Maryland

Chief of Party: Thos. B. Reed

Instructions dated (II III):

29 February 1944 (Supplemental)

27 February 1945, 22 March 1945

1 April 1946 (Field supplement) 24 February 1947

Copy filed in Descriptive
Report No. T- (VI)

Completed survey received in office:

Reported to Nautical Chart Section: January 2, 1948

Reviewed:

Applied to chart No.

Date:

Redrafting Completed:

Registered: 22 May 1957

Published:

Compilation Scale: 1:20,000

Published Scale:

Scale Factor (III): 1.000

Geographic Datum (III): N.A. 1927

Datum Plane (III):

Reference Station (III): HOOK 2, 1945 Vol. 5, Pg. 97

Lat.:

Long.:

Adjusted
Unadjusted

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III).

150 W. meridian

Number	Date	Time	Scale	Stage of Tide
*10932-35	9-5-42	1214	1:20,000	5.2' above MLLW
10938-39	9-5-42	1223	1:20,000	5.2 MLLW
10940-45	9-5-42	1230	1:20,000	5.1 MLLW
*11043-47	9-13-42	1111	1:20,000	3.0 MLLW
*11062-64	9-13-42	1129	1:20,000	3.6 MLLW
06298-06302	8-7-41	1537	1:5,000	6.5' MLLW

* Rectified prints were also furnished.

21,269,70,71 10-30-47 12:17 1:20,000

Predicted tide tables. Pacific and Indian Oceans 1941 & 1942.

Tide from (III): Reference station KODIAK, ALASKA with correction to CHIGNIK, Anchorage Bay.

Mean Range: 6.6' ~~Spring Range~~ Diurnal 8.7'

Camera: (Kind or source) U.S.Coast and Geodetic Survey nine lens camera-focal length $8\frac{1}{4}$ "

Field Inspection by: H.E.Finnegan date: May-Sept. 1945

Field Edit by: date:

Date of Mean High-Water Line Location (III): Same as date of photographs, supplemented by field inspection dated May-Sept. 1945

Projection and Grids ruled by (III) T.L.Janson date: 3-28-47

" " " checked by: T.L.Janson date: 3-28-47

Control plotted by: D.M.Brant date: 4-3-47

Control checked by: Florence M. Senasack date: 4-4-47

Radial Plot by: Frank J. Tarcza and Leroy A. Senasack date: 4-7 to 4-10-47

Topography By: 9-lens plotter, Orvis N. Dabey and W.D.Harris

Detailed by: Donald M. Brant date: 4-16 to 4-28-47
8-25 to 9-30-47

Reviewed in compilation office by: J.W.Vonasek date: 9-23-9-29-47
12-3 to 12-11-47

Elevations on ~~Field Edit Sheet~~ manuscript checked by: J.W.Vonasek date: 12-11-47

STATISTICS (III)

Land Area (Sq. Statute Miles): 56

Shoreline (More than 200 meters to opposite shore): 58 statute miles

Shoreline (Less than 200 meters to opposite shore): none

Number of Recoverable Topographic Stations established: 10

photo hydro

Number of ~~Temporary Hydrographic~~ Stations located by radial
plot: 220

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered
by, (II) Field Party, (III) Compilation Party, or, (VI) the
Washington Office.

When entering names of personnel on this record give the
surname and initials (not initials only).

Remarks: Forms No. 524 were not furnished this office for the
recoverable topographic stations PORT, 1945 and DECK, 1945.
They are being submitted by this office.

FIELD REPORT

SURVEY NO. T - 8825

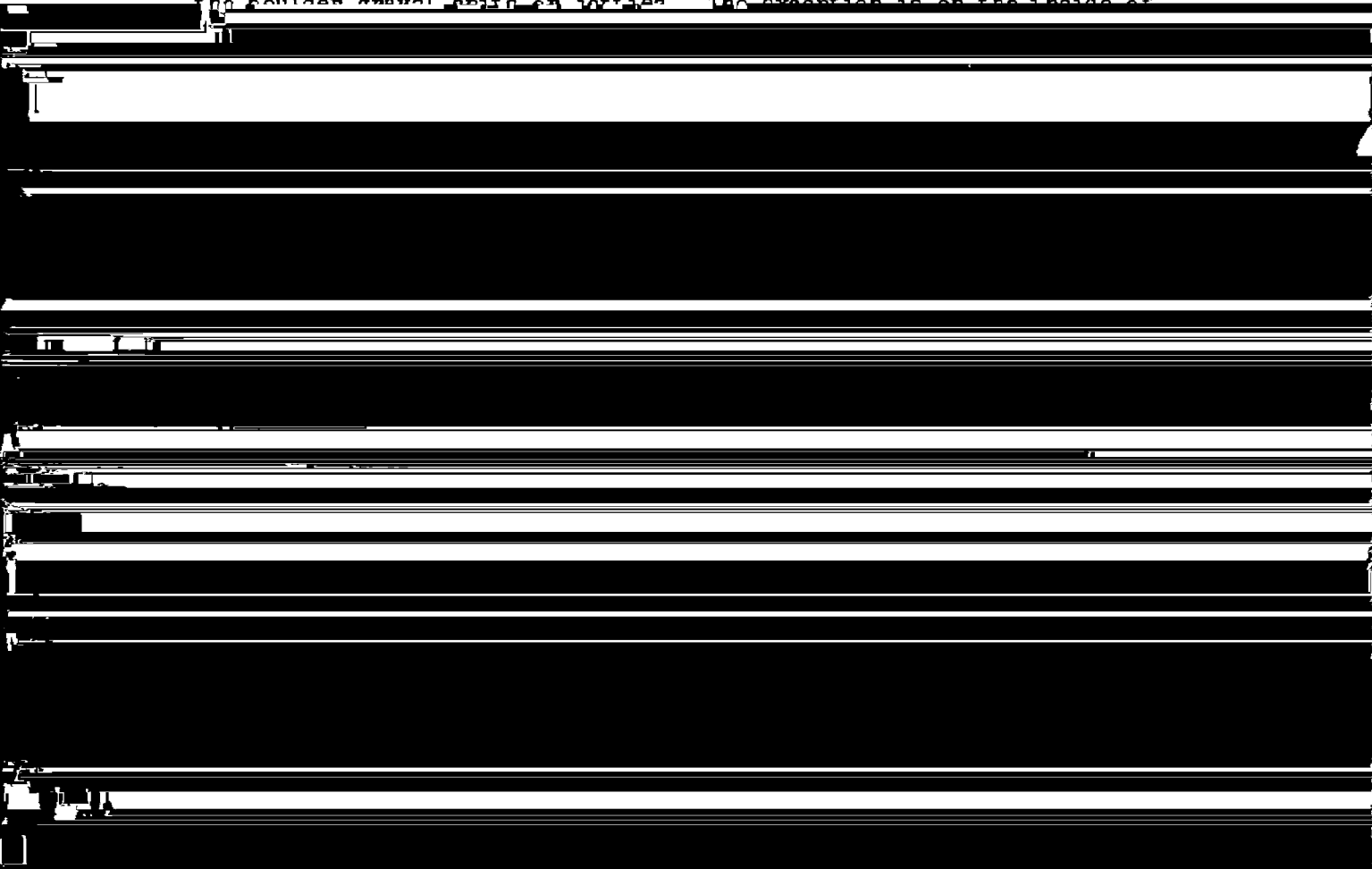
1. DESCRIPTION OF THE AREA:

T-8825 is one of sixteen topographic surveys in Project No. CS-319 located on the Alaska Peninsula. The instructions for this project are dated

29 February 1944 (supplemental)
27 February 1945
22 March 1945
1 April 1946 (Field Supplemental No. 1)
24 February 1947

This survey includes the area from Kuiu Bay, south to Mitrofan Bay. The entire area is characterized by high rock cliff shore, high, jagged ridges, sharp peaks, and steep slopes of loose rock, slides, alder brush, and grass. There are many waterfalls, striking cliffs of contrasting colors, and intermittent stretches of boulder and shale beaches, resulting from broken cliffs and large rock slides. There are numerous pinnacle rocks along the shore, frequently off the capes and points. The water is generally very deep in all of the bays and arms throughout the area.

With one exception, the water is deep and clear of dangers around the boulder gravel, and on tides. The exception is on the inside of



COMPILATION REPORT

MAP MANUSCRIPT, SURVEY NO. T-8825

26. CONTROL

See radial plot report for layout of control in this area. A list of stations on Form No. M-2388-12 is included in this report.

Refer to the report for the combined radial plot covering the areas of Surveys Nos. T-8822 to T-8825 inclusive, submitted to the Washington Office 30 April 1947.

28. DELINEATION:

The compilation is in accordance with the written instructions pertaining to Project No. CS-319.

~~Photographic coverage was adequate for the~~

33. WHARVES AND SHORELINE STRUCTURES:

None

34. LANDMARKS AND AIDS TO NAVIGATION

None

35. HYDROGRAPHIC CONTROL:

Two hundred and twenty photo hydro stations were located. In areas where photo-hydro stations were too closely spaced or were unable to be identified, they were rejected.

A list of descriptions is attached to this report. Two copies have been furnished for the use of the hydrographic party.

36. LANDING FIELDS AND AERONAUTICAL AIDS.

None.

37. GEOGRAPHIC NAMES

Geographic names were taken from charts Nos. 8802 and 8502 and from field data. A list of names is attached to this report.

38. JUNCTIONS

Junctions with T-8826 to the west and T-8824 to the east have been made and are in agreement. The eastern end of the bay north of Sweater Bay falls on Survey No. T-8824 but has been delineated on this survey.

Junction with T-8823 to the north will be made when that survey is compiled.

To the south is an all water area.

39. DIVISION OF WORK:

a. The radial plot and shoreline compilation was completed in the Baltimore Field Office and the contours were compiled in the Washington Office on the Reading Plotter.

b. Due to insufficient and/or clouded photo coverage, this sheet has not been completed at this time (December 1947). Additional coverage is being obtained and the sheet can be finished next year if the new photography is usable.

c. 1947 coverage obtained and gaps delineated therefrom on 14 Oct 48. North portion still not completed- photo coverage sufficient but control lacking.

40. QUALITY OF CONTOURS

All contours on this sheet conform to the National Standards of Accuracy for a contour interval of 200 feet, except the 100 foot contour above sea level which conforms to the National Standards of Accuracy for a contour interval of 100 feet.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

Noneavailable.

45. COMPARISON WITH NAUTICAL CHARTS:

No comparison with the United States Coast and Geodetic Survey Charts Nos. 8502 and 8802, scale 1:1,000,000 published August 1944 could be made because of the great difference in scale.

The following topographic information shown on T-8825 is of sufficient importance to warrant immediate application to the chart:

None.

The following topographic details above the plane of mean high water are not shown on this manuscript, but are believed to still exist and should be carried forward on the chart:

None.

Low water features are shown in part and will be completed by the hydrographic party.

Respectfully submitted:

30 September 1947

Donald M. Brant

Photogrammetric Aid
Compilation and Descriptive
Report

Harry R. Rudolph
Supervisor

Joseph W. Vaneck
Photogrammetric Office Reviewer

Approved and forwarded
18 December 1947

Thos O. Baird
Officer in Charge
Baltimore Photogrammetric Office

GEOGRAPHIC NAMES

Foot Bay
Kuiukta Bay
Mitrofanina

Sweater Bay

NOTES
FOR
HYDROGRAPHIC PARTIES

ALASKA PENINSULA

MAP MANUSCRIPT, SURVEY NO. T - 8825

PROJECT NO. CS-319

The $2\frac{1}{2}$ millimeter circles, accompanied with a name and date, are the positions of the topographic stations. The $2\frac{1}{2}$ millimeter circles, accompanied with a number, are the positions of the photo hydro stations. Two copies of the list of descriptions of the photo hydro stations have been furnished for your use.

No comparison with the United States Coast and Geodetic Survey Chart No. 8502, scale 1:1,000,000, published August 1944, was made because of the great difference in scale.

The following topographic information shown on T-8825 is of sufficient importance to warrant immediate application to the chart:

None.

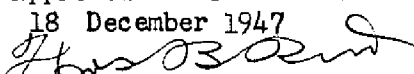
The following topographic details above the plane of mean high water are not shown on this manuscript but are believed to still exist and should be carried forward on the chart:

None.

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Respectfully submitted
30 September 1947


Photogrammetric Aid

Approved and forwarded
18 December 1947

Officer in Charge
Baltimore Photogrammetric Office

DESCRIPTIONS OF PHOTO HYDRO STATIONS
FOR
SURVEY NO. T- 8825

Signal No.	Description of Signal Site	Photo. No.
2501	Largest white rock at base of slide	11062
2502	Detached rock awqsh at HW	11061
2503	Brown pinnacle about 12' high	11061
2504	Crest of waterfall	11061
2505	Detached rock bares 2' MHW	11061
2506	Top of face of sharp jutting rocky point	11061
2507	Flat face of point	11062
2508	Pinnacle grass top	11062
2509	Westerly black boulder on gravel beach	11062
2510	Face of light colored point W of rock	11062
2511	Northern and highest tip of pinnacle	11062
2512	White rock at base of white slide on black bluff	11063
2513	Bottom (at cliff edge) of distinctive light-colored rock outcrop	11063
2514	Pinnacle close to bluff	11063
2515	Large boulder at base of slide	11047
2516	End of narrow ledge	11047
2517	Foot of prominent slide	11046
2518	Lone alder spot	10945
2519	Foot of prominent slide	11047
2520	Large boulder	10945
2521	Waterfall	10945
2522	Center of stream at grass line	11046
2523	Westerly one of two large boulders	11046
2524	Largest boulder top of rubble heap at foot of slide	11046
2525	Bottom of gravel crevice drainage bed	11047
2526	Corner of vertical cliff at HW line	11046
2527	Jutting vertical face square point on outer end of pier-shaped grass covered rock ledge extending to LWL	11041
2528	End of rock dike projecting from talis & grass edge	11043
2529	Top of narrow dark crevice in narrow vertical ledge extending to HW between gravel and grass covered slopes	11041
2530	Slender pinnacle at end of vertical dike	11043
2531	Rock ledge	11046
2532	Low black projection extends to HW	11047
2533	Large rectangular rock on HWL	11043
2534	Highest grass hump	11043

Signal No.	Description of Signal Site	Photo No.
2535	Top of black pinnacle, requires whitewash	11046
2536	Sharp pointed high boulder at center and foot of slide. To be whitewashed.	11046
2537	Large boulder on south side and at base of slide	11047
2538	Point of black bluff	11047
2539	Base of vertical yellow streak in black bluff	11063
2540	Base of slanting yellow streak in black bluff	11063
2541	Base light brown streak black bluff	11063
2542	Black offlying rock	11063
2543	Sharp corner at base of vertical bluff	11063
2544	Sharp corner on moss or grass covered ledge	11064
2545	Rectangular projection on rock ledge	11064
2546	Largest boulder on beach	11044
2547	Projection on rock ledge	11044
2548	End of point of black rock ledge	11045
2549	Baraba -	11044
2550	Moss covered projecting ledge	11044
2551	Center of lone and lowest alder spot	10944
2552	Point of alder clump	11044
2553	End of sheer rock bluff	10944
2554	Mouth of narrow wash	10944
2555	Corner of smooth rock cliff	10944
2556	Projecting ledge at base of cliff	10944
2557	Tall white pinnacle on face of bluff elevation about 120 ft.	11063
2558	Lower side of very large boulder in slide	11063
2559	Large loose boulder on face of bluff	11063
2560	Sharp corner on ledge	11063
2561	Rock outcrop at base of grass strip extends to HW	11063
2562	Bare vertical outcrop	11063
2563	Bare outcrop	11063
2564	Grass topped ledge	11063
2565	Lower of two bare rock groups	11063
2566	Rock outcrop on HWL under bush near west edge of grass strip	11063
2567	Slanting rock ledge	11063
2568	Large round boulder under bush	11063

Signal No.	Description of Signal Site	Photo. No.
2569	Moss covered boulder on bank	10942
2570	Large boulder at grass line	10942
2571	Large sloping boulder	10943
2572	Black boulder in grass patch in alders	10943
2573	Boulder on slope in slide	10943
2574	Grass hump at base of small wash	11063
2575	Small ledge directly below rock dike	11063
2576	White edge pinnacle with high point on seaward end elevation 65'	11063
2577	Pinnacle on boulder gravel beach just inside MHW line	11062
2578	End of sharp narrow ledge	11063
2579	Top of waterfall	11062
2580	Offshore end of detached rock elevation 4' above MHW	11063
2581	Largest boulder at base of slide	11063
2582	Bottom center of long narrow slide	11062
2583	Grass topped end of ledge elevation 30'	11063
2584	Detached rock elevation 8'	11063
2585	Detached rock elevation 7'	11063
2586	Light colored tip of rock ledge forming lowest part of cliff from tip rock ledge slopes down in southerly direction	06302
2587	Small pinnacles leaning inshore	06301
2588	Large pinnacle rock leaning inshore	06301
2589	Rock bares 4' MHW	06301
2590	Highest point pinnacle topped black rock	06301
2591	Large square white boulder mouth of creek	06301
2592	Largest boulder just outside high water line at foot of slide	06301
2593	High point of ledge near eastern side of high pinnacle topped rock	06301
2594	Highest point of detached rock sloping offshore	06301
2595	Top of sharp prominent crag	10935


Signal No.	Description of Signal Site	Photo. No.
2598	Highest point of rock just south much larger rock	06301
2599	Highest point of pile of large boulders	06301
25100	Center of top of flat topped rock. Elev. 6'	06301
25101	Small top of rock elevation 6'	06301
25102	Detached rock elevation 6'	06301
25103	Top of outer end of jutting point	06301
25104	End of jutting rock point just west of vertical crevice in pt.	06301
25104A	Largest boulder of group at HW line.	06300
25105	Outer pinnacle top of rock on projecting ledge.	06301
25105A	Face of nub of rock at east base of gray cliff	06300
25105B	Sharp corner of vertical end of rock pt.	06300
25105C	Highest point of largest boulder	06300
25105D	Face of base of east part of point.	06300
25106	Highest point of detached rock elevation about 6' above MHW	06301
25107	Highest point of detached rock near north end elevation about 8'	06301
25108	Top, grass topped rock	10935
25109	High part of rock	10935
25110	Large dark rock about 12'	10935
25111	Gray topped low brown rock ledge, outer end at HW line	10935
25112	Largest of two yellow topped boulders at HW line	10935
25113	Highest part of large brown rock at foot of slide. Rock slopes from top northerly, and there is a crack through rock.	10935
25114	12' rock on beach	10935
25115	Top of rock about 30' high	10935
25116	Top, detached rock	10935
25117	Top, of sloping ledge - directly below grass	10935
25118	Pinnacle about 25'	10935
25119	Large boulder on HWL	10935
25120	Top, rock point	10935
25121	Highest point of detached rock	06299
25122	Grass topped rock nub on top of cliff	06299
25123	Top of sharp pointed vertical cliff	06299
25124	Largest boulders on beach at HW line	06299
25125	Highest point, elevation about 25' HW	06299
25126	Highest point of dark boulder slab at HW line	06299

Signal No.	Description of Signal Site	Photo. No.
25127	Bottom slide	10939
25128	Black rock	10939
25129	Point, vertical cliff	10939
25130	High point detached rock	10939
25131	Rocky point, black rock 16' above HW 2 m in from HWL	10939
25132	Base of black rock inside edge low flat point	10939
25133	Point, vertical rock bluff	10939
25134	Top, rocky point about 50' high at lower ledge	10939
25135	Rock bluff, vertical point directly below grass	10939
25136	Large detached rock elevation about 15'	06298
25137	Highest part of end point	06298
25138	Large detached rock elevation about 18'	06298
25139	End of jutting point	06298
25140	Westerly end of two boulders on gravel beach	06298
25141	Largest boulder on boulder-gravel beach	06298
25142	End of jutting rock point, grass topped	06298
25143	Base of rockcliff point	06298
25144	Vertical face of white cliff point	06298
25145	End of point	10940
25146	Face of grass topped point	06299
25147	End of rock point	10940
25148	Grassed topped pinnacle	06299
25149	End of point of rock; elevation 2' MHW.	10940
25150	End of point	06299
25151	Sheer face of outermost point on tangent	06299
25152	Rock face of jutting point	06299
25153	Lone alder bush	06299
25154	Sharp rock point	06299
25154A	Grass scar in low bank	06300
25154B	Small flat rock at grass line	06300
25154C	End of rock pt.	06300
25154D	Highest point of rock at base of grass bank	06300
25154E	Sharp "V" in grass line	06300
25155	Base of westerly brown dirt scar	06299
25156	Pinnacle rock grass & alder on top	06299
25157	North end of large moss covered log.	06299
25158	Tip of cut in grass bank	06299
25159	Sharp point of grass topped bank	06299
25160	Point of grass	06299

Signal No.	Description of Signal Site	Photo. No.
25161	Center of grass spot	06299
25162	Brown rock scar	06299
25163	"V" in grass line mouth of stream	06299
25164	Rock pt.	06299
25165	Grass point southwest side of mouth of creek	06299
25165A	Rock on sand beach close to hut detached from grassy point.	06300
25166	House	10940
25167	Center lone alder bush at edge of grass line	06299
25168	Center of detached alder bush (prominent)	06299
25169	Shale rock pile 6' high	06299
25170	Base of bare rock cliff enclosed by grass and alders	06298
25171	Vertical face of square cut rock, light colored and prominent	06298
25172	End of rock slide	10940
25173	Face of base of black rock, point	06299
25174	Grass topped detached rock	10942
25175	Face of east end of rock ledge point, grass topped	06299
25176	Grass topped detached rock	10940
25177	Detached rock. Elev. 12'	10940
25178	Farthest off of boulder group	10940
25179	Detached rock. 7' elev.	10940
25180	End of rock point vertical on north edge	10940
25181	End of rock point	10940
25182	Small bush on gravel spit	10942
25183	Alder clump over ledge at end of black sand beach	10942
25184	End of alder strip	10942
25185	Moss grass topped detached rock 18' elev.	10942
25186	End of ledge	10942

Signal No.	Description of Signal Site	Photo. No.
25197	Outer rock elev 1' MHW	10941
25198	Highest point (near inshore end) of large grassed topped, detached rock. Elev. 36'	10940
25199	Top of black rock outer end of two-colored rock ledge point.	10940
25200	Grass topped pinnacle elev. about 32'	10941
25201	Large detached boulder elev. about 20'	10941
25202	Highest point of detached rock elev. 4'	10941
25203	Grass topped pinnacle	10941
25204	Black pinnacle at foot of cliff and inside HW line	10941
25205	Lone detached boulder 3' elev. 10941	10941
25206	Highest, grassed topped point on light colored square, de- tached rock	10941
25207	High grass topped pinnacle, point	10941
24208	Highest point and on inshore end of grass topped solid rock wall extending offshore but detached from cliff.	10941

Listed by:


 Photogrammetric Aid

Checked by:


 Photogrammetric Engineer

GEOGRAPHIC NAMES

Survey No. T-8825

[illegible]

T-8825

The following photo-hydro stations were field inspected in the fall of 1950 and are intended to supplement those chosen in 1945 for T-8824 and T-8825.

Field inspection photo #21269 by
R. A. Gilmore 9/12/50 12:17 10/30/47

- 242. HWL point of shoreline at base of steep rock cliff where two points of dark, copper-colored rock strata come together at HWL in V's.
- 243. End of rock cliff at high water line where beach starts. Cliff comes down at angle here to meet shoreline at N end of low water beach.
Possibly same as 2516
- 243a. Northerly of double point at high water line where dark, sloping rock outcropping begins at S end of low water beach.
- 244. 35 foot pinnacle rock just north of prominent corner of steep sheer rock shoreline. (there is a target patch of grass and alder with bare spots on either end just back of station).
- 245. HWL at prominent wedge - like point in sheer rock shoreline.
- 246. Prominent jutting corner about 30 feet high. Rock has step up effect here from waterline and there is a large semicircular cave inshore(E) and large niche behind station.
- 247. Base of narrow, curving, very prominent light colored vein of rock at high water line. (This marks the beginning of a very, dark, prominent rock formation extending to the south.)
- 247a. Prominent dark boulder rock at base of very highly colored slide area at HWL. (There is a very prominent crack or crevasse in the headland behind.)
- 247b. HWL at prominent point just east of indentation.
- 247c. Base at HWL of very prominent light vein or strata of rock at end of beach.
- 248. Top of white topped(bird lime) pinnacle rock about 30 feet high. (Large red scar on cliff in back of, and waterfall in background.)

T-8825

The following photo-hydro stations were field inspected in the fall of 1950 and are intended to supplement those chosen in 1945 for T-8824 and T-8825.

Field inspection photo #21269 by
R. A. Gilmore 9/12/50 12:17 10/30/47

- 242. HWL point of shoreline at base of steep rock cliff where two points of dark, copper-colored rock strata come together at HWL in V's.
- 243. End of rock cliff at high water line where beach starts. Cliff comes down at angle here to meet shoreline at N end of low water beach.
Possibly same as 2516
- 243a. Northerly of double point at high water line where dark, sloping rock outcropping begins at S end of low water beach.
- 244. 35 foot pinnacle rock just north of prominent corner of steep sheer rock shoreline. (there is a target patch of grass and alder with bare spots on either end just back of station).
- 245. HWL at prominent wedge - like point in sheer rock shoreline.
- 246. Prominent jutting corner about 30 feet high. Rock has step up effect here from waterline and there is a large semicircular cave inshore(E) and large niche behind station.
- 247. Base of narrow, curving, very prominent light colored vein of rock at high water line. (This marks the beginning of a very, dark, prominent rock formation extending to the south.)
- 247a. Prominent dark boulder rock at base of very highly colored slide area at HWL. (There is a very prominent crack or crevasse in the headland behind.)
- 247b. HWL at prominent point just east of indentation.
- 247c. Base at HWL of very prominent light vein or strata of rock at end of beach.
- 248. Top of white topped(bird lime) pinnacle rock about 30 feet high. (Large red scar on cliff in back of, and waterfall in background.

248a. Sharp point of dark rock at HWL . (Point is undercut or caved to the south and there is a huge cave immediately East.)

249. Large black boulder rock at base of dirt slide (there is a light colored rock to the south).

21268

Field inspection photo #21268 10/30/47
Inspected by J. O. Boyer 9/12/50 (12:16)

20. HWL at W prong of prom. double outcropping point.

21. HWL at prom. bare projecting rocky point just E of prom. gully. (There is an indentation on shore to W and a deeper indentation to W of point.)

22. Outer end at HWL of very prom. groin or abutment like formation projecting out from the bluff.
Same as 2507

126. Edge of tiny bare rock point just E of two tiny waterfalls.

127. Mouth of creek at HWL.

128. Small white rock point at HWL.

129. Prom. large red rock at WL.

130. Highest of several huge rocks forming point.

131. Offshore point of flat topped rock projecting 2 feet above HW.

132. E'ly edge above HWL of light colored point.

133. Apex of largest of two triangular shaped rock slides.

134. Grass line at small, low, flat, rocky point.

135. Face of sheer rock point about 10m. inshore and 40 ft. above water.

20251

Field Inspection photo 20251 10/30/47 11:59
Inspected by R. A. Gilmore 9/12/50

208. Small indent in black shale shoreline and grassline near small pond.

209. First large boulder rock on shoreline S of end of beach. (beach is bldr. strewn here and there is another group of rocks similar, further S.)
Same as 2546

210. Rock outcropping point about 8' high with light colored grass on top. Sta. is at HWL and is first prom. black point N of small beach and small str. abt. 90m. to S.
Same as 2548
211. HWL at prom. point (vertical for about 8' then slopes upward with a light col. grass top. There is a small str. to the N and prom. gulley immed. to the S.)
Same as 2550
212. HWL at base of first indent in shoreline N of beach.
213. HW rock (3') above 6m. of HWL.
214. (Mika 1945) Large wh. bldr. rock (13') grs. topped and abt. 11m. off HWL. (There is another larger but lower rock to W.)
The 1950 field inspected position.
215. Gray col. bldr. rock (3') at end of rock bluff and beginning of beach.
216. Extreme NE corner of prom. line of low alders at storm HWL.
217. Corner formed by grass, beginning of bluff, and end of beach at storm HWL.
218. Very prom. crack in sheer slab-like rock cliff at HWL. (best seen from W)
- 219a. Top of very white colored rock spire abt. 150 high. (grass topped)
- 21270 Field inspection photo no. 21270 12:17 10/30/47
 Inspected by R. A. Gilmore 9/12/50
201. High point(about 30') of outer edge of sloping bluff that is cut away in back. Top is small and light colored.
202. End of sloping stratified rock formation at HWL.
203. End of pronounced vein of gray rock on 35 degree slant at HWL. (There are two patches of rock at HWL of same color as vein but all other rock is black.)
Probably same as 2450
204. Black detached rock (light colored top) just off shore from prom. groin like ridge running down from top of bluff to HWL. There are several rocks awash in front.
Probably same as 2542
205. Prom. indentation in shoreline at small str. at HWL.
206. Large bldr. (gray Top) on bldr. beach at foot of slide. There is another bldr. just behind- also gray topped.

207. Most projecting nose-like point about 15' high and surrounded by high water line. Point is grass topped.
Probably same as 2544
219. N end of HwL of prom. light col. slide area.
220. S end of HwL of slide where col. rubble meets dark rock bluff.
221. Prom. corner of ledge rock at HwL. (Undercut to north and has light colored spot on rock to S.)
Probably same as 2560
222. Lone rock on HwL about 8' high. There is a lower portion of the rock grassed topped offshore and there is a very prom. gouged out hole in the mountain side above.
Probably same as 2561
223. HwL at stream. (there is a granite rubble point about 20 m. to S and a prom. scar running down to waters edge about 75 m. to N)
224. Top of lightest col. part of very prom. scar below vertical rock outcrop.
225. HwL at stream mouth.
226. Light colored rock in niche in rocky shoreline just below a low, sloping, grassy, knoll-like point. Sta. rock juts out like abutment-sloping from waterline inland.
Probably same as 2567
227. HwL at stream mouth. There is a low rounded grassy point just to S station is in recess in shoreline.
Other hydros from 1945 inspection nearby.
228. High point of large bldr. rock (12' high) just off of slide area. (N end of rock slopes to beach and is grass topped to S.)
Probably same as 2571
229. Center of a large patch of alder and grass in middle of slide. (Sta. is light grass spot in center of patch.)
230. HwL at point of grass near mouth of small intermittent str. (Driftwood lodges in sight to N)
231. Black prom. projecting knob-like outcrop.
233. Most projecting corner of base of prom. dirt slide at end of grass spot at HwL.
234. "V" corner of moss and grass about 40' up rock slide from HwL. (The shoreline comes to "V" corner with the dune like breakwater just below sta. and inside hook.)
235. Outer spire about 50' high. Outer part of spire is highest, dropping down about 20' toward shore bluff. (Point is semidetached and has hole in front.)
Probably same as 2576

236. Extreme outer point at H.W.L. , rising abruptly (there are some 4 rocks just off point and a door-like cave to S and deep pocket to N.)
- 236a. Prominent hook-like point at high water line. Very light gray color on S side.
2578 nearby
237. End of long, gray col., sheer, rock wall, groin-like point.
238. H.W.L. at very prom. gray dirt slide. (Good signal from N)
Probably same as 2582
239. Grassed topped, dark copper-colored bldr. rock (about 30')
(deep gulley starts behind)
Probably same as 2583
- 239a. Detached rock ten feet high.
Probably same as 2585
240. Prom., narrow, dirt slide starting at very top edge of bluff.
241. Outer corner at H.W.L. of steep, smooth, sloping ledge.
(Slopes to S)

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Topographic Map
April 14, 1953

62. Comparison with Registered Topographic Surveys. - None

63. Comparison with Maps of other Agencies. -

U.S.G.S. Topographic Map, Chignik, Alaska, 1:250,000 - 1951

U.S.G.S. Topographic Map, Stepovak Bay, Alaska, 1:250,000 -
1951

These maps are of too small a scale for satisfactory comparison.

64. Comparison with Contemporary Hydrographic Surveys. - None

65. Comparison with Nautical Charts. -

8502	1:969,761	Sept. 1950
8802	1:1,023,188	Dec. 1952
9302	1:1,534,076	Dec. 1952

These charts are of too small a scale to make a satisfactory comparison of shoreline details.

66. Adequacy of Results and Future Surveys. - This map complies with project instructions and is adequate as a base for hydrographic surveys and the construction of nautical charts.

Reviewed by:

B. J. Colner
B. J. Colner

APPROVED BY:

