

4284

Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
....., Director	
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State: <u>Alaska</u>	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. ^{SP} 4284
LOCALITY	
<u>Resurrection Bay</u>	
<u>Kenai Peninsula</u>	
<u>Seward Waterfront</u>	
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1927	
CHIEF OF PARTY	
<u>R.R. Lukens</u>	

GOVERNMENT PRINTING OFFICE

4284

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: S. W. Alaska

11-5613

DESCRIPTIVE REPORT.

Topographic Sheet No. npn 4284

LOCALITY:

Resurrection Bay

Seward Waterfront

19127

CHIEF OF PARTY:

R. R. Lukens

Applied to insert in Chd 8529 - Feb. 1940. H.S.B.

Descriptive Report to Accompany Topo. Sheet # P

This revision survey of Seward waterfront was made by the party on the Launch Wildcat during the week of Sept. 18 - 24, 1927. The work was executed in accordance with instructions issued to the Commanding Officer of the Str. SURVEYOR, dated February 3rd, 1927.

General Description. This survey was extended beyond the limits called for in the instructions in order to show important new details in the vicinity of the radio station and changes in the shoreline in the vicinity of Lowell Point and Fourth-of-July Creek. There appeared to be no changes between the radio station and Fourth-of-July Creek, so this area was not resurveyed.

Survey Methods. The survey was well controlled throughout by a combination of traverse and three point fix. The old shoreline was transferred from Chart # 8538 to the topographic sheet and the survey was continued until a reasonable check with this shoreline was found. In the vicinity of Seward, the ends of the streets were located by topographic methods and the rest of the streets filled in from the city map. This city map was checked in the field and all streets eliminated that do not exist at present. The contours, as shown on the chart, appear to be correct, and no attempt was made to check them up. The low water line in most places was determined by the hydrographic party and were transferred to the topographic sheet.

Land Marks. These are nearly all sufficiently described on the topographic sheet. The aeroplane landing at the radio station is marked at each corner by white boards lying on the ground. The wind indicator shows the direction of the wind from aloft. Some additional buildings were also located on the eastern shore of the bay.

Changes in Shoreline. In the vicinity of Seward, the principal changes are of an artificial nature, the shoreline remaining about the same as at the former survey. At Δ West Base, the shoreline has receded leaving the station about 10 meters outside the High Water Line. The station could not be found though its location was determined in the field by topography and a careful search was made. Station East Base has been covered by the houses at the radio station. The shoreline has built out in the vicinity of Resurrection River, but the low water line appears to remain nearly constant. It would also

appear by comparison with the chart, that the ground near the radio Station is becoming more solid and less marshy, though golf players would find boots or rubbers a convenience.

At Fourth-of-July Creek, both the high and low water lines have built out extensively. The shallow lagoon on the southern side of this point is used by loggers in floating out logs. The low water line at Lowell Point has built out considerably, although the soundings close off shore show little change in depth.

New Place Names. The railroad, formerly known as the Alaska Central, is now called the Alaska Railroad.

Lowell Creek and Fourth-of-July Creek are well established names locally.

Resurrection Creek and Hooligan Creek are names used by the local Fish Warden. The name Resurrection River is ~~fairly~~ well established.

Respectfully submitted,

*Approved
J. R. Lusk*

Wm. D. Patterson.

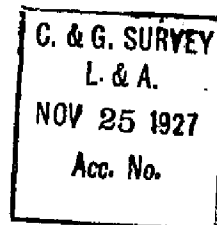
Wm. D. Patterson
Hyd. & Geo. Eng.

PLANE TABLE POSITIONS

4280
Shut P. Seward
1927

Description	Lat.	D.M.	Long.	D.P.	Height	Remarks
	° '	meters	° '	meters	feet	
Flagpole	60 07	776	149 27	105		At Jesse Lee Home
Silo	60 07	47	149 27	96		At Seward Dairy
Sign	60 06	1070	149 26	432		Cable crossing
Church spire	60 06	163	149 26	590		At Seward
Nun Buoy # 2	60 06	1179	149 25	36		Red Buoy
Fish House	60 05	1174	149 27	58		East Gable

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Form 587a
11-5813DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

4284

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 No. PREGISTER NO. 4284State S. W. AlaskaGeneral locality Resurrection Bay, Kenai PeninsulaLocality Seward WaterfrontScale 1:10,000 Date of survey Sept. 18 - 24, 1927Vessel Str. SURVEYORChief of Party R. R. LukensSurveyed by W. D. PattersonInked by W. D. PattersonHeights in feet above - to ground to tops of treesContour, Approximate contour, Form line interval - feetInstructions dated February 3rd, 1927, 192

Remarks: _____