

4451

Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
R. R. PATTON, Director	
<div style="border: 1px solid black; padding: 5px; float: right;">G. & G. SURVEY L. & A. NOV 7 - 1929 Acc. No.</div>	
State: ALASKA	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. E 4451
LOCALITY	
Kodiak Island	
Western Entrance to Kupreanof Strait	
1929	
CHIEF OF PARTY	
R. R. Lukens	

DESCRIPTIVE REPORT

to accompany Topographic Sheet No. E

Str. SURVEYOR

R.R. LUKENS, Comdg.

Instructions dated, March 14, 1929

LOCALITY This sheet covers the west end of Raspberry Island and the shore line of Uganik Island from Δ Split to Δ Cape Uganik.

GENERAL DESCRIPTION OF COAST The west end of Raspberry Island is mountaineous. It is covered with grass except for the highest parts of the ridges, and the steep parts of the shoreline, which are bare rocks or eroded slides.

PROMINENT LANDMARKS RASPBERRY CAPE is a bold, eroded point, rising abruptly to an elevation of 1200 feet.

THE PINNACLE ROCK (\odot Pint) is a vertical column of rock about 60 feet high, showing conspicuously to boats coasting within a mile of the shore either northeast or southwest of the rock.

THE ROCK (\odot Rock) is an irregular block of rock 46 feet high. Its top is a definite point. This rock is noticeable when within a mile of it. Both the above rocks are near Driver Bay.

SURVEY METHODS The shoreline from Δ End to Δ Raz was executed by traverse, starting at both stations and meeting at \odot Par. The traverse from Δ Raz to \odot Par was executed by R.R. LUKENS, on a temporary sheet and later transferred to the topo sheet. The closing error of the traverses was 45 meters. This was adjusted by distributing the error between \odot Bun and \odot Top. The topographic stations between Δ Split and Δ Cape Uganik were located by triangulation cuts from Δ Malina, Δ Raz and Δ Pov. This shore line was then rodded from setups at these signals. The shoreline of the bight 1/3 mile southwest of Δ Split was carefully rodded. It differed from the shoreline of the survey of 1908 by over 100 meters.

The elevations and contours were chiefly determined by means of sextant cuts from a launch laying at points about 1 mile offshore. Three cuts were taken

to most of the points determined.

NEW NAMES The small bight $3\frac{1}{2}$ miles northeast of Raspberry Cape has been named Driver Bay by the field party, due to the fact that pile drivers working on fish traps frequently seek shelter here.

PORTAGE There is an easy portage between Driver Bay and Onion Bay in the low valley separating these bays. The best route is near the banks of the streams flowing in this valley.

Photographs A photograph of Raspberry Cape taken in June 1929, by R.R.LUKENS is attached to this report.

Respectfully submitted,

Approved,

R.R.Lukens,

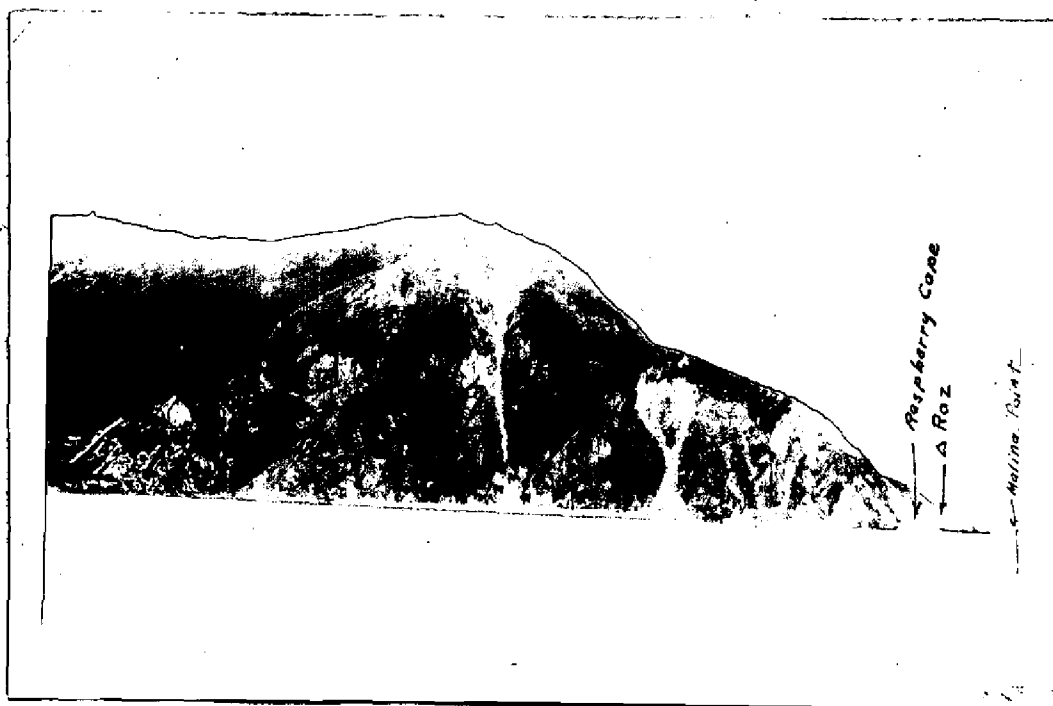
Chief of Party

L.S. Hubbard
L. S. HUBBARD, Jr.H.&G.E.

Note by Chief of Party.

The topography from Split to Cape Uganik was done to locate signals and to correct the old topography. The contouring remains as shown by the old survey.

R.R. Lukens
R.R.Lukens.



Raspberry Cape

PLANE TABLE POSITIONS

Topo. Sheet E

<u>Object and Desc.</u>	<u>Latitude</u>	<u>D.M.</u>	<u>Longitude</u>	<u>D.P.</u>	<u>Height</u>	<u>Remarks</u>
O <u>Rock</u> ,	58°-05'	1547	153°-21'	440	46'	
O <u>Pint</u> , most prominent rock in vicinity	58 - 05	1468	153 -21	304	60' (approx)	
O <u>Cab</u> , cabin on beach near stream	58 - 05	194	153-22	478	15' "	
O <u>Ran</u> , bronze disk in boulder on beach	58 - 04	1346	153-24	106	15' "	

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U. S. COAST AND GEODETIC SURVEY

C. & G. SURVEY
L. & A
NOV 7, 1929
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REG. NO.

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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. E

REGISTER NO.

4451

State Alaska

General locality Kodiak Id.

Locality Western Entrance, Kureanof Straits

Scale 1:20,000 Date of survey June 6-8, 1929

Vessel Str. SURVEYOR

Chief of Party E. R. Lukens

Surveyed by E. R. Lukens, L. S. Hubbard

Inked by L. S. Hubbard

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

~~Contour, Approximate contour~~, Form line interval 100 feet

Instructions dated March 14, 1929

Remarks:

Applied to Chart No.

8534, by James W. McGuire.