

applied to Chart 4173 10/6/46 20.



DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY

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
REGISTER NO. YY7Y
State Torritory of Revalian 5 lands
General locality Pacific Ocean
Locality Gardner Pinnacles
Scale 1/5000 Date of survey July 19 , 19 2
Vessel Steamer GUIDE
Chief of Party
Surveyed by V.M. Gibbens
Inked by
Heights in feet above ************************************
Contour Approximate contour Form line interval fee
Instructions dated March 26, , 192
Remarks:
1. s. government Substice office; 1886





DESERPPTIVE REPORT to accompany TOPOGRAPHIC SHEET No. N-Scale 1./5000

Gardner Pinnacles. Hawaii, T.H.

Date of Instructions:

March 26, 1927.

Date of Survey:

July 19, 1929.

Chief of Party:

K.T. Adams, H & G Engineer.

Topographer:

V.M. Gibbens, Aid.

LIMITS:

Gardner Pinnacles.

For the control a Theodolite was set up at Gard and angles turned from Mark to the various points on the Island. The azimuth of Mark was determined by astronomical observations.

The Theodolite was set up at Gard and angles were turned to the various points about the Island, also measuring the depression angles. The evelevation of the Island was obtained by taping up one side of the Island with a three hundred foot tape and measuring the depression angle. The Theodolite cuts were supplemented by sextant cuts to tangents and points. A rough traverse was run around the Island with a three hundred foot tape making a free hand sketch as we went. The Northeast side of the Island is mostly from sketch as the sides were steep and could not get any angles from there. The small detached pinnacle was mostly from sketch, as only a very few cuts and angles were obtainable.

GENERAL DESCRIPTION:

Gardner Pinnacles are solid volcanic rock pinnacles, the larger pinnacle being 190' in elevation. They are barren of vegetation, but are covered with guano. From a little distance away and when the sun is shining on the larger pinnacle, it looks as if it was snow capped. The landing was made just north of the bight on the west side of the Island. Landings have to be made in comparatively smooth weather.

Four Kodak pictures of Gardner Pinnacles are on the following page.

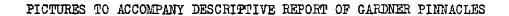
Approved:

K.T. Adams

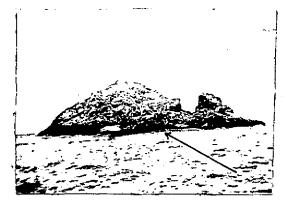
KTHda

Chief of Party.









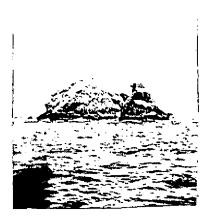
Looking at large Pinnacle from the West. Arrow Points to where landing was made.



Looking at both Pinnacles from the West; the smaller Pinnacle being on the left hand side of the larger Pinnacle.



Looking at both Pinnacles from the South.



Looking at both pinnacles from west North West.





STATISTICS SHEET NO "N"

Statute miles of high water line0	.4
Square miles of area	.01
Working days	1
Number of men in perty	3



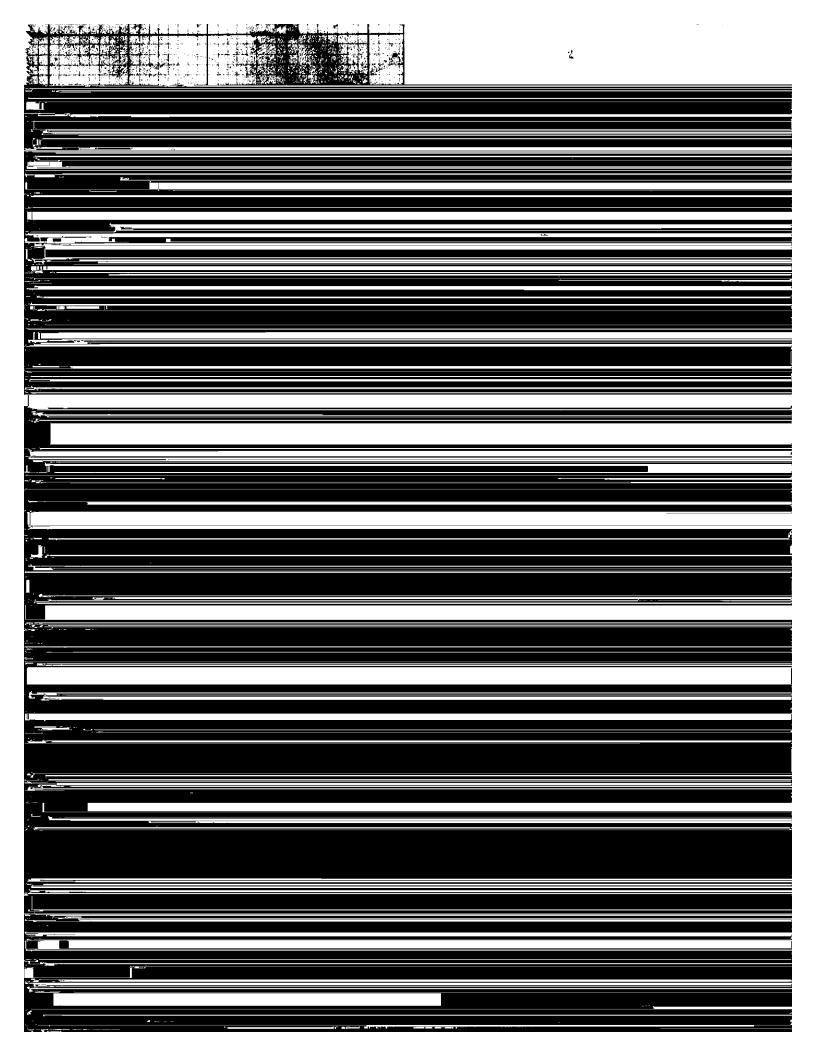
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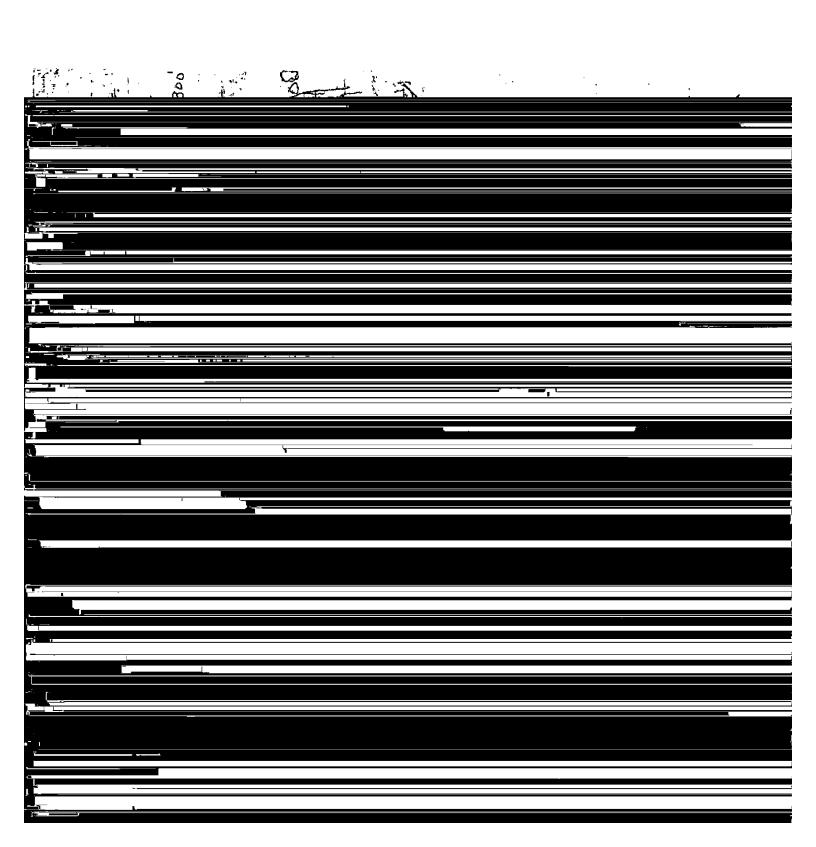


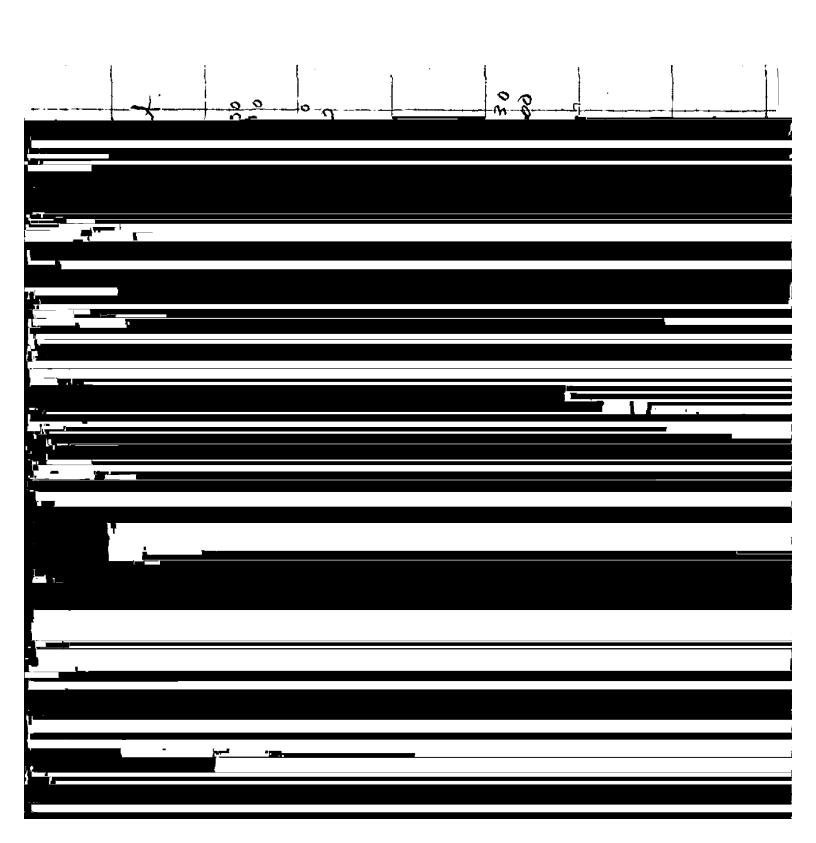


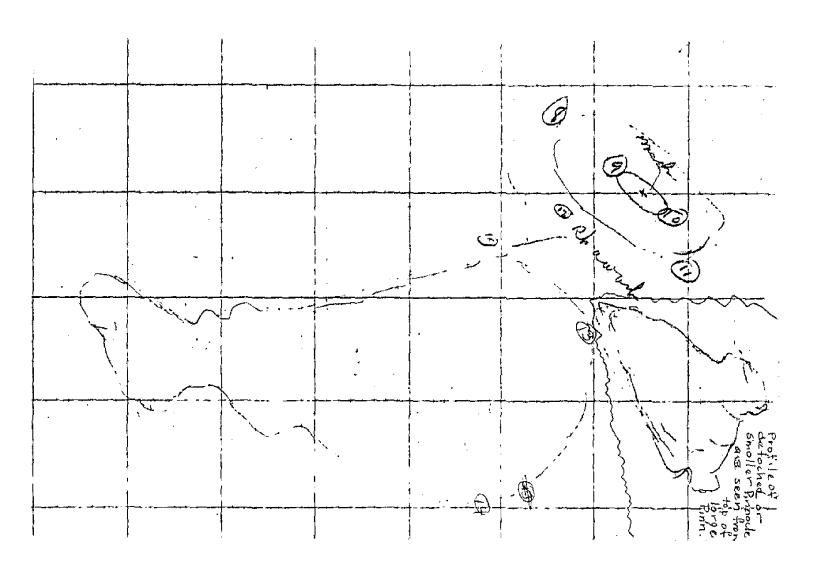
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