

6880

Diag. Ch. No. 904

Form 504
Rev. April 1935
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Topographic }
Hydrographic }

Sheet No. **T6880**
Field Sheet "I"

CONFIDENTIAL

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

APR 20 1942

Acc. No. _____

State Puerto Rico

LOCALITY

Roosevelt Roads ~~Naval Base~~

Daguzo River, North Part

Project C. S. # 268

192

1941

CHIEF OF PARTY

Ray L. Schoppe

U. S. GOVERNMENT PRINTING OFFICE

DECLASSIFICATION BY NOAA
PURSUANT TO DOC SYSTEMATIC REVIEW
GUIDELINES AS DESCRIBED IN SECTION
3.3 (a), EXECUTIVE ORDER 12356

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

CONFIDENTIAL
T6880

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. " I "

REGISTER NO. T6880
CONFIDENTIAL

State Puerto Rico

General Locality East End near Ensenada Honda

Locality Roosevelt Roads Daguao River, North Port
Naval Base

Scale 1 / 4800 Date of survey August - October, 19 41

Vessel Shore Party

Chief of party Ray L. Schoppe

Surveyed by N. Caola

Inked by N. Caola and F. A. Riddell

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

Contour, Approximate contour, Form line interval 5 feet

Instructions dated May 20, (Radiogram), 19 41

Remarks: Special surveys for the Navy Department

GPO 266853



Alidade No. 249 was used on this sheet.

PROJECT C. S. # 268

Field Number - Sheet "I" T-6880

This sheet covers a part of Roosevelt Roads Naval Base. It is one of a series of thirteen sheets. This sheet covers a rich area of sugar cane fields on either side of the Daguaos River, between the railroad and the mangrove swamp at the mouth of the river.

(a) Descriptive.

The steep hillside west of  DELICIAS is cleared pasture land. Before the "quota" came into effect, this, too, was planted to cane. The area shown as marshland, west of  DELICIAS, is above H.W.M. But in wet weather, due to lack of drainage, this area is all "afloat". When there is little rainfall, the area is practically dry.

(b) Landmarks.

There are no landmarks on this sheet.

(c) Control.

Control points on this sheet were located by triangulation in 1941. A special report on this triangulation has been submitted. All triangulation on the project in 1941, is observed with second order accuracy. But the recovered stations; MURPHY 2, PUERCA, CEIBA and PRIETO are a part of the adjusted third order scheme which covers Puerto and the Virgin Islands.

On this sheet, topography is controlled by stations DELICIAS, ORIENTE, DAGUAO, CANA, VERDE, and COLINA. The elevation of station DELICIAS is the result of an unchecked line of spirit levels run by the Navy Survey Parties. This elevation was checked by vertical angles to water level and the value of 333.4 ft. was accepted as correct. The elevation of CANA, DAGUAO, VERDE and COLINA were obtained by vertical angles and were then used for vertical control of plane table work. See notes in the descriptive report of sheet "A" for vertical control. T-6872

(d) Traverse.

Traverses were then run between points located by three point fixes but such traverses were short. If closure was greater than three meters, the traverse was entirely re-run. If less, it was adjusted. No detail was taken from traverse points until the correct location was selected.

(e) Survey Methods.

Three point fixes were obtained wherever possible. But much of this sheet is covered by tall sugar cane. In a few cases, enough cane was cut to permit signals to be seen for a three point fix. By making set-ups at road intersections, etc., the cutting of cane was reduced to a minimum.

When work on this sheet was started, the field party was not entirely untrained. But close supervision was maintained by Lieut. Riddell. It was planned that he visit

each party at least once a day. (See notes in the Descriptive Report for sheet "A").

(f) Form Lines.

No offshore verification of form lines was possible. Various aerial photographs, - some vertical and some oblique, were available and form lines were carefully checked with them.

(g) Revision Work.

None on this sheet. This is an independent survey.

(h) Incomplete Portions.

There are no incomplete portions on this sheet.

(i) Deviation from Standard Practices.

See notes in the Descriptive Report for sheet "A", of this project.

(j) Junctions.

At all junctions between sheets, a small overlap was run and if contours did not make a good fit, the field work was re-run until the correct elevations were located. No adjustments were then necessary.

(k) Names.

Old names are well established. No new names are offered.

(l) Plane table positions.

Triangulation stations furnish good control for plane table work on this sheet. No marked plane table stations were established. Derricks are frequently moved and can not

be depended on for control.

(m) Photographs.

The entire area has been photographed at least three times. The U. S. Geological Survey is now compiling an aero-topographic map of the whole island. Their pictures are all single lens prints. I had several of them for a few days, but none were available when sheets were finally inked. The Army Engineers have some rather good looking prints of the entire coast line but I have no information as to the control that they used nor as to the accuracy of the scale, etc. Several years ago, the Puerto Rico Reconstruction Administration had a mosaic made from aerial photographs. This gives good detail in some regions but at Ensenada Honda and the Daguao River area, the prints are not distinct.

(n) Changes in Shoreline.

There are no changes in the shoreline of this sheet.

(o) Marshes.

The marshland on this sheet is described in the opening paragraph of this report.

(p) Magnetism.

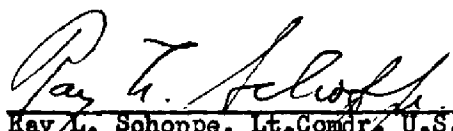
An observation by declinatoire, a short distance away from the railroad near ORIENTE at 10:40 A. M. 60th meridian time, Oct. 16, 1941, gives a value of $6^{\circ}30'$ west. The average of eight observations on this project gives a mean

value of $6^{\circ}20'$ west.

(q) Statistics.

Shoreline	0.8 miles
Roads	6.2 miles
Creeks	3.6 miles
Railroad	1.8 mile

Respectfully submitted,



Ray L. Schoppe, Lt. Comdr. U.S.C.&G.S.
Officer in Charge
San Juan Magnetic Observatory

Remarks

Decisions

1		182656
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4	For title. See Rf. 37924 (U.S.N.)	182653-54
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GEOGRAPHIC NAMES

Survey No. **T6880****CONFIDENTIAL**

Name on Survey

	A, On Chart No.	B, On previous survey No.	C, On U. S. quadrangle Maps	D, From local information	E, On local Maps	F, P. O. Guide or Map	G, Rand McNally Atlas	H, U. S. Light List	K	
<u>Dagua R.</u>										1
										2
										3
<u>Roosevelt Roads</u>										4
										5
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Names underlined in red are added
by L. A. Beck on 6/18/42

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTO STATE OF~~

~~Moody~~

No. T **T6880**
CONFIDENTIAL

received April 20, 1942
registered April 23, 1942
verified
reviewed
approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
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RETURN TO

82	R. W. Knox
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W. Knox

DIVISION OF CHARTS

REVIEW SECTION - SURVEYS BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. 6880

Field No. I

Puerto Rico, Roosevelt Roads, Daguao River, North Part
Surveyed August - October 1941; Scale 1:4,800
Instructions dated May 20, 1941 (radiogram), project 268

Plane Table Survey

Aluminum Mounted

Chief of Party - Ray L. Schoppe
Surveyed by - N. Caola
Inked by - F. A. Riddell and N. Caola
Reviewed by - Harold W. Murray
Inspected by - H. R. Edmonston, August 23, 1944

1. Junctions with Adjacent Surveys

The junctions on the northeast, east and south with 1941 surveys T-6874, T-6878, T-6879 and T-6881 are excellent.

The northwest limit of the present survey is the limit of the present project.

2. Comparison with Prior Surveys

No prior surveys have been previously made by this Bureau in the inland area covered by the present survey.

3. Comparison with Chart 917 (latest print date 2-25-44)

No charted information is shown in the inland area covered by the present survey.

4. Condition of Survey

Satisfactory.

5. Compliance with Project Instructions

Satisfactory.

6. Additional Field Work Recommended


This is a thoroughly complete and comprehensive survey and it is therefore adjudged a basic survey.

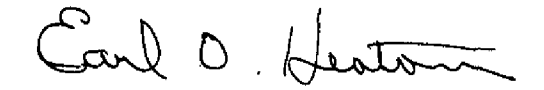
7. Superseded Surveys


None.

Examined and approved:


Chief, Surveys Branch


Chief, Division of Charts


Chief, Section of Hydrography


Chief, Division of
Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. 6880

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.