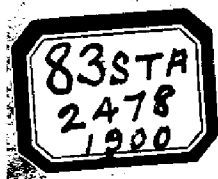


2478

2478

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	<i>Topographic</i>
Field No.	Office No. <i>2478</i>
LOCALITY	
State	<i>Puerto Rico</i>
General locality	<i>Fajardo</i>
Locality	<i>Harbor</i>
19 <i>40</i>	
CHIEF OF PARTY	
<i>J. B. Bontelle</i>	
LIBRARY & ARCHIVES	
DATE	

2478



51849

*Descriptive Report—
Topographic Sheet No.*

*Fajardo Harbor
Porto Rico*

*Coast from "Playa de Fajardo" to Cape San Juan
and outlying Cays.*

*Chief of Party
J. B. Boutelle
Assistant C. & S. S.*

2478

Descriptive Report

Topographic Sheet - No.

51849

Fajardo Harbor - Porto Rico

Coast from the "Playa de Fajardo" to Cape San Juan and outlying cays.

A preliminary survey to develop the harbor of Fajardo and determine the position of the Laja Shoal, a coral reef near the mouth of the harbor. The triangulation was extended from Culebra Id. by the party of Asst. Hodgkins (U.S.S. Blake) to determine Cape San Juan Lt. No. and a station on Palominas Id. and from these as a base a local s'n. was made to furnish points for the topog^y and hydrography. Owing to an error in the data furnished, which was not discovered until the topographic sheet was nearly completed, the topography was plotted and inked on a fair sheet after correcting the data. The original sheet (in pencil) accompanies this.

As at Culebra the geographic positions depend on the position given for Culebrita Lt. No. ($\phi = 18^{\circ} 18' 43''$ $\lambda = 65^{\circ} 13' 45''$) and when the results of

Asst. Nodgkin's connection with his latitude station at Culibra and the longitude station at St. Thomas are received, the projection should be changed to correspond.

The harbor and "Playa de Fajardo" is about 3 miles south of Cape San Juan, Porto Rico. The town of Fajardo lies about $1\frac{1}{2}$ miles inland over a fine "military" road. It has a population of about 3000. Its chief exports are about 3000 hhds. of sugar, annually, all of which goes to the U.S. and about 3000 puncheons of molasses most of which goes to Canada. Its imports are, lumber, machinery, cooperage and salt fish from the U.S. and Canada. The port of entry is Humacao about 25 miles to the south. Supplies: Water of very poor quality can be had from the small river at this place at \$1.00 (gold) per puncheon (120 gal.) delivered alongside.

A limited amount of ship stores can be had at about 30 per cent. above New York prices. No coal can be had.

Pilotage: 70 cts. (gold) per foot up to 15 feet. Over 15 feet \$1.00 (gold) per foot. Night pilotage double. To signal for pilot hoist national colors at the fore.

There is a fairly good anchorage for vessels drawing not over 15 feet in front of the "Playa" under the lee of two small Cays, "Obispo" and

"Zancudo". Holding ground is soft - and the anchorage is exposed to the north. Anchorage for heavier draft ships can be had in front of the harbor under the lee of Palominos and Seacoo Cays but a very heavy swell sets in here especially in a norther or northeaster.

The shores between the "Playa" & Cape San Juan and generally around the Cays are lined with coral reefs making landing with a boat-difficult.

J. B. Boutelle
Assistant Col. I.