

6783
RESTRICTED

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Form 504 Rev. Dec. 1933 DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY R. S. PATTON, DIRECTOR	
DESCRIPTIVE REPORT	
Topographic } Hydrographic }	Sheet No. B
State British West Indies	
LOCALITY	
Antigua Island	
Parham Harbor	
19340-41	
CHIEF OF PARTY	
H. Arnold Karo	

6783

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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. B

REGISTER NO. **T6783** RESTRICTED

State BRITISH WEST INDIES

General locality ANTIGUA ISLAND

Locality PARHAM HARBOR

Scale 1:4800 Date of survey January, 1941

Vessel U.S.C. & G.S.S. LYDONIA

Chief of party H. Arnold Kero

Surveyed by Fred A. Riddell

Inked by Fred A. Riddell

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated November 9, 1940

Remarks: Special Surveys Project HT-259

DESCRIPTIVE REPORT TO ACCOMPANY

TOPOGRAPHIC SHEET "B"

PARHAM HARBOUR

ANTIGUA ISLAND

B.W.I.

The work on this sheet was accomplished in conjunction with the work called for in instructions of November 9, 1940, Project HT-259

CONTROL

The control consisted of third order triangulation established in 1940 in accordance with the instructions mentioned above.

SURVEY METHODS

Standard topographic practices were followed. Most of the signals were located by three intersecting cuts taken either from triangulation stations or from three point fix positions. As the principal purpose of the sheet was to locate signals for hydrography the delineation of the shoreline was not done in very great detail. Most of the set-ups were in the water and rod readings were taken on the highwater line wherever it was visible but in the swampy areas the outer edge of the mangrove was the line which was delineated. No effort was made to penetrate and determine the depth of the swamps. Few and only short traverses were run as it was possible to rod most of the detail from three point fix positions. A short traverse was run between triangulation station FALL and triangulation station FORT BYHAM EAST BASE. The error of closure was one and a half meters

which was adjusted. ✓

GENERAL DESCRIPTION

Overhanging trees and bushes cover most of the shoreline as indicated by the fine dashed line. The outer edge of the mangrove is thick and impenetrable and forms a definite line. The shoreline at the village of Parham is indefinite as it consists of ruins of old structures and dump heaps. ✓

LANDMARKS

St. Peters Church Spire ✓

St Georges Church Cross

LIST OF TRIANGULATION STATIONS

BLACK 1940
Fort BYHAM EAST BASE 1940
FALL 1940
MAN 1940

PARHAM 1940
RAT 1940
ST. PETERS CHURCH SPIRE 1940 ✓
THORP 1940

LIST OF TOPOGRAPHIC SIGNALS

NAME	DESCRIPTION
Art	Banner
Ben	"
Boo	"
Boy	"
Chief	"
Cod	"
Cy	"
Day	"
Doe	"
Do	"
El	Whitewash
For	Banner
Get	"
George	Cross on church
If	Banner
Kit	Whitewash
Kid	Banner

NAME	DESCRIPTION
Lil	Banner
Nu	Center small building
Off	Banner
Po	"
Pal	"
Pen	"
Red	"
Sun	"
Stick	"
Tag	"
Tar	"
Von	"
You	"
Zee	Center Small Building

GEOGRAPHIC NAMES

NAME	AUTHORITY		
BARNACLE HILL	ADMIRALTY CHART	2066	
BLACKMAN PT.	"	"	"
RYAMS WHARF	"	"	"
CINNAMON I.	"	"	"
FISCHER CREEK	"	"	" ✓
FORT BYHAM	"	"	"
PARHAM HARBOUR	"	"	"
PARHAM	"	"	"
RAT I.	"	"	"
VERNON I.	"	"	"
WINTHROP CREEK	"	"	"

Respectfully submitted

Fred A. Riddell
 Fred A. Riddell, Lieut.(j.)
 C.& G.S.

APPROVED AND FORWARDED

H. Arnold Karo
 H. Arnold Karo, Commanding Officer
 Ship LYDONIA

CHART DIVISION

SURVEYS SECTION

REVIEW OF TOPOGRAPHIC SURVEY NO. 6783 (1941) FIELD NO. B

British West Indies, Antigua Island, Parham Harbour
Surveyed in January 1941, Scale 1:4,800
Instructions dated November 9, 1940 (LYDONIA)

Plane Table Survey

Aluminum Mounted

Chief of Party - H. A. Karo
Surveyed and inked by - F. A. Riddell
Reviewed by - J. A. McCormick
Inspected by - H. R. Edmonston, September 30, 1941

1. Adjoining Surveys

A satisfactory junction was effect with T-6781 (1941) on the southeast. A few signals were located on T-6784 (1941) on the north but the northern limits of the present survey are also the limits of the 1941 shoreline.

2. Previous Surveys

Previous British surveys of the area are not available for comparison.

3. Comparison with H. O. Chart 1004 (Corrected to February 1941) British Admiralty Chart 918

Shoreline in this vicinity is still substantially as charted from British surveys of 1848 and 1863.

4. Condition of Survey

Satisfactory.

5. Compliance with Project Instructions

Excellent.

6. Additional Field Work Recommended

None.

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Examined and approved:

Chief, Surveys Section

Chief, Division of Charts

Chief, Section of Hydrography

Chief, Division of Coastal
Surveys