

6800

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 <del>Hydrographic</del>	Sheet No. C
State British West Indies	
LOCALITY	
Jamaica Island	
Portland Bight	
Head of Calleon Harbor	
1941	
CHIEF OF PARTY	
H. C. Warwick	

U. S. GOVERNMENT PRINTING OFFICE: 1934

6800  
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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. "C"

REGISTER NO. T6800 RESTRICTED

State JAMAICA, B.W.I.

General locality PORTLAND BIGHT

Locality HEAD OF GALLEON HARBOR

Scale 1:4,800 Date of survey Jan. 23-Feb. 24, 1941

Vessel MOTOR VESSEL GILBERT

Chief of party H.C. Warwick

Surveyed by Robert A. Marshall

Inked by Robert A. Marshall

Heights in feet above High Water line to ground ~~to top of contour~~

Contour, ~~Approximate contour, Four line~~ interval 5 feet

Instructions dated November 9, 1940

Remarks:

D E S C R I P T I V E R E P O R T

TO ACCOMPANY

TOPOGRAPHIC SHEET "C" F-6800(1941)

PROJECT HT-260

PORTLAND BIGHT

JAMAICA, B.W.I.

INSTRUCTIONS:

The work on this sheet was performed in accordance with the Director's instructions dated November 9, 1940.

LIMITS:

The topography on this sheet includes the only fast ground on the northeast side of Galleon Harbor.

CONTROL:

The sheet was controlled by a scheme of 3rd order triangulation. Only one station was available on each section of fast ground. At each station a line was cleared to make triangulation station BILL visible.

METHODS:

Due to the density of the trees and undergrowth and character of the terrain, the usual planetable methods of topography were not feasible.

Six trails and a base trail immediately back of the mangrove line were cut on each of the areas of fast ground.

A closed loop traverse was run over these trails employing the methods used on Sheet "D", F-6801(1941)

The final closures were within the allowable limit of accuracy and were adjusted in the field.

REMARKS:

The areas of fast ground are rocky in character. The rock is a rough, sharp, badly broken up limestone. Numerous large trees are to be found on both areas.

There is no surface soil on these rocky areas. The trees and brush push up through this rocky strata.

These areas are badly broken up. Large sections of rock are to be found on the precipitous slopes especially on the northeast and east sides of the areas.

The rock is sharp and treacherous to walk on.

The site of triangulation station FORT is the remains of an old fort. The three walls are in good condition - built of field stone blocks held together with mortar. The walls are about 43" thick.

SKETCH OF THE FORT

ON SEPARATE SHEET, ATTACHED p<sup>3</sup>

REMARKS,(Continued):

A small stone shelter, lined with brick is shown on the sheet. This building (8 feet high) is set below the surface of the ground with its top several feet above the existing ground level.

The ruins shown in this area is the remains of a building constructed of field stone. Only three walls remain standing.

MAGNETIC MERIDIAN:

The magnetic meridian was determined at triangulation station FORT on February 19, 1941 at 1430 and at triangulation station MUD on February 20, 1941 at 1215.

Value obtained at FORT  $1^{\circ}04'$  E.

Value obtained at MUD  $1^{\circ}48'$  E.

Value obtained from H.O. Chart 1683 was  $1^{\circ}45'$  E.

LIST OF NAMES:

Area about triangulation station FORT is known locally as Deanery.

Area about triangulation station MUD has no name in-so-far as could be ascertained.

STATISTICS:

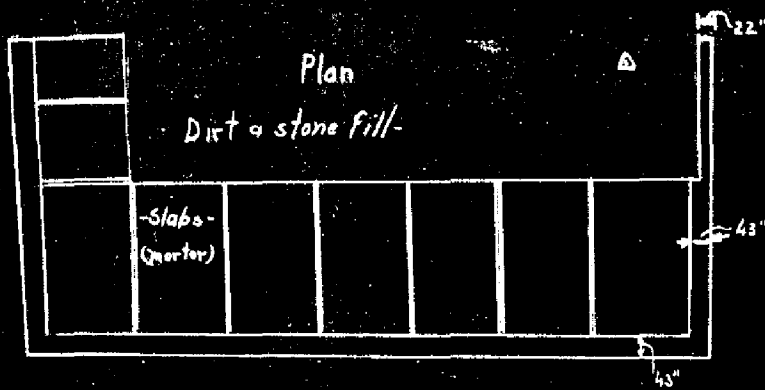
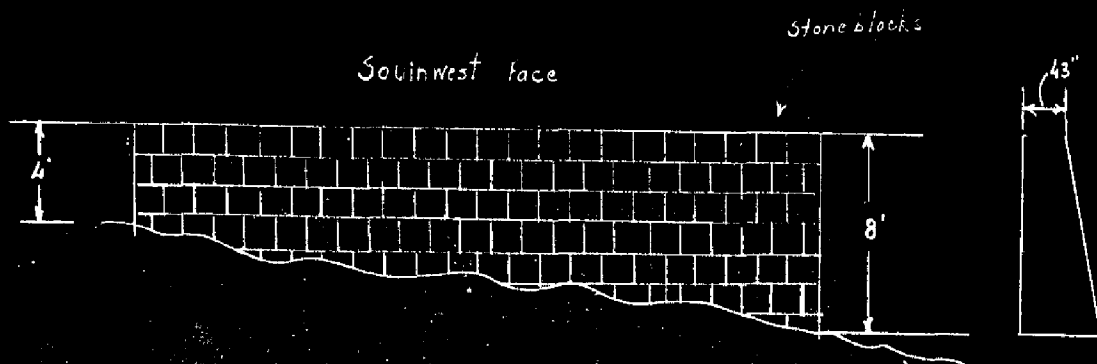
Area surveyed in square statute miles.....	0.25
Length of detailed shoreline in statute miles.....	2.57
Length of roads in statute miles.....	0.00
Length of railroads in statute miles.....	0.00

Respectfully submitted,

*Robert A. Marshall*  
Robert A. Marshall,  
Lieutenant (j.g.) C&GS.,

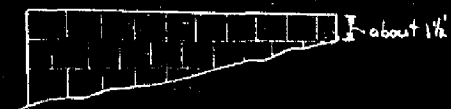
Approved and forwarded:

*H.C. Warwick*  
H.C. Warwick,  
Comd'g. Motor Vessel GILBERT.



Slab thickness = 14"  
Top of wall above slab = 18"

West side (East side similar)



## DIVISION OF CHARTS

## SURVEYS SECTION

REVIEW OF TOPOGRAPHIC SURVEY NO. 6800 (1941) FIELD NO. C

British West Indies; Jamaica, Portland Bight,  
Head of Galleon Harbor  
Surveyed in January - February 1941, Scale 1:4,800  
Instructions dated November 9, 1940 (GILBERT)

Plane Table SurveyAluminum Mounted

Chief of Party - H. C. Warwick  
Surveyed by - Robert A. Marshall  
Inked by - Robert A. Marshall  
Reviewed by Harold W. Murray, May 16, 1941  
Inspected by - H. R. Edmonston

1. Junctions with Contemporary Surveys

- a. The junction on the northwest with T-6799 (1941) is very good.
- b. The small gap in the vicinity of Lat.  $17^{\circ} 53.5'$ , Long.  $77^{\circ} 02.5'$  is covered on H-6641 (1941).
- c. No other work of this Bureau adjoins the present survey.

2. Comparison with Prior Surveys

No prior surveys have been made in this area by this Bureau.

3. Comparison with H.O. Chart 1683 (New Print date June 1938)a. Topography

This small scale chart contains no information that needs specific consideration in this review. It is noted, however, that only the southernmost of the two knolls shown on the present survey appears faintly on the chart.

b. Magnetic Meridian

The two magnetic meridian observations agree closely with the charted value of about  $1^{\circ} 45'$  E. The Descriptive Report of T-6801 (1941) of this same party states that the declinoire was not checked.

