

4770

Graphic Control

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Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: Maryland

DESCRIPTIVE REPORT

Topographic
Hydrographic

Sheet No. B 4770

LOCALITY

EAST SHORE EASTERN BAY

HARBOR COVE TO SAGEY MARSH POINT

19 '33

CHIEF OF PARTY

E. R. McCarthy

U. S. GOVERNMENT PRINTING OFFICE: 1921

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DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET " B "

AUTHORITY

Orders and instructions from The Director dated August 12, 1933.

LIMITS

Eastern shore of Eastern Bay from Lowe's Point to Sagey Marsh Point.

CONTROL

1933 Triangulation Stations.

METHODS

Usual plane table traverse.

The work was accomplished by two parties: an advanced party built the signals, and a second party did the topography.

CLOSURES AND ADJUSTMENTS

From Lon to Wit 1.8 miles; 2 meters; adjusted proportionally.

From Wit to Rice; 2 meters; adjusted proportionally.

From Rice to Sage 2.0 miles; 2 meters; adjusted proportionally.

From Lon to O Egg 1.0 miles; 5 meters. Station Egg was also located by a traverse from Haddaway. A weighted mean was taken as a true location and traverse from each end adjusted to it. **

From Sage to north end of sheet a dead end traverse was run terminating at the marked station fin.

SHORELINE

Eastern shore of Eastern Bay from Lowe's Point to Sagey Marsh Point is practically all sand beach with an average four ft. clay bank back of the high water mark.

There is only a small amount of marsh land and it is at Sagey Marsh Point.

There is much cultivation on this sheet and groups of trees are well scattered.

COMPARISONS WITH PREVIOUS SURVEYS

A comparison with sheet no. 2294 and sheet no. 2513 of the 1900 survey shows that the shoreline has washed considerably.

The greatest erosion has taken place at Wades Point. A sea wall has been built along this point.

* Station Haddaway is on sheet "A"
Station Lon is on sheet "B"

NAMES

Names shown are in local usage.

LANDMARKS

The most prominent landmarks on this sheet are:

- 550 1. Dr. Hunter's Home (South chimney of white house) *chy station Ed*
 2. Steeple on Claiborne Episcopal Church.
~~3. Steeple on Claiborne Methodist Church.~~
 4. Tuberculosis Preventorium at Claiborne. *cup. station Amp*
 5. Wades Point Hotel. *chy. station Cot.*
 550 6. North chimney of Walker Home (Red brick) *N. chy station Rut*

STATISTICS

Shoreline-----7.93 miles (Statute)
 Creeks-----0.57 miles "
 Roads-----4.37 miles "

Area covered by this sheet is 3.3 sq. miles (Statute)

MISCELLANEOUS

The magnetic meridian was obtained by using the declinoire connected with alidade no. 227.

Buoys S_2 - S_4 - S_6 , and Bell Buoy (2A) FLW. were located by plane table triangulation.

Respectfully submitted

J. R. Brosnan

J. R. Brosnan
Topographer

Forwarded approved

E. R. McCarthy

E. R. McCarthy
Chief of party

*Replied to new chart 550
H.R. Oct. 1934*

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.)
Yes
14. The descriptive report also contains additional information required in aero-topography relative to type of photographs, method of compilation and type of ground control.
Yes
15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of IMs and DPs, 68.)
Yes
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.)
Yes
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.)
Yes
18. The geographic datum of the sheet is North American and the reference station is correctly noted. (Par. 34.)
Yes
19. ~~XX~~
20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.)
Yes
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.)
Yes
22. No additional surveying is recommended.
No
23. The Chief of Party inspected and approved the sheet and the descriptive report after review by
Yes
24. Remarks:

Reviewed in office by

Examined and approved:

C. H. Green
Chief, Section of Field Records
L. O. Tolbert
Chief, Division of Charts

F. B. Borden
Chief, Section of Field Work
G. H. Rude
Chief, Division of Hyd. and Top.

REVIEW OF TOPOGRAPHIC SURVEY No.B

Title (Par. 56)

Chief of Party E.R.McCarthy Surveyed by J.R.Brosnan Inked by J.R.Brosnan

Ship Shore Party Instructions dated Aug.12,1933 Surveyed in Maryland

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.)
Yes
2. The character and scope of the survey satisfy the instructions.
Yes
3. The control and closures of traverses were adequate. (Par. 12, 29.)
Yes
4. ~~THE SURVEY WAS ACCOMPLISHED IN ACCORDANCE WITH THE INSTRUCTIONS AND THE TOPOGRAPHIC MANUAL. (PAR. 7, 8, 9, 13, 16.)~~
5. ~~THE SURVEY WAS ACCOMPLISHED IN ACCORDANCE WITH THE INSTRUCTIONS AND THE TOPOGRAPHIC MANUAL. (PAR. 12, 29.)~~
6. ~~There is sufficient control on maps for the purpose of the survey. (Par. 16a, 43, 44.)~~
7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, 44.)
Yes
8. ~~The representation of low water lines, reefs, coral reefs, and rocks and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.)~~
9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)
Yes
10. ~~The span, draw and clearance of bridges are shown. (Par. 16c.)~~
Yes
11. ~~Nodes and elevations of summits were given. (Par. 49, 51.)~~
12. ~~The survey was shown on the map. (Par. 16a.)~~

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4770

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. 4770 *Graphic Control*

State MARYLAND.

General locality CHESAPEAKE BAY

Locality from Claiborne to Lowe's Point.

Scale 1:10000 Date of survey 10/13 to 10/21, 1933.

Vessel SHORE PARTY.

Chief of party LT. E.R. MC CARTHY.

Surveyed by J.R. BROSNAN.

Inked by R.A. PHILLEO & J.R. BROSNAN.

Heights in feet above ----- to ground to tops of trees

Contour, Approximate contour, Form line interval ----- feet

Instructions dated August 12, 19 33.

Remarks: -----

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