State: Maryland

DESCRIPTIVE REPORT

Topographic | Sheet No. B 4770
Hydrographic

LOCALITY

EAST SHORE, EASTERN BAY
HARBOR, COVE TO, SAGEY, MARSH, POINT

1933

CHIEF OF PARTY

E.H. McCarthy
DESCRPTIVE 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 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"
HAMPs

Names shown are in local usage.

LANDMARKS

The most prominent landmarks on this sheet are:
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
5. Wade Point Hotel Chy Station Cat
6. North chimney of Walker Home (Red brick) 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 declinometer connected with alidade no. 227.

Buys S2 S4 S6 and Bell Buoy (2A) FLW. were located by plane table triangulation.

Respectfully submitted

J.R. Brosnan
Topographer

Forwarded approved

E.R. McCarthy
Chief of party

Dated to new sheet 550
NMB 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 DMs 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. 

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:

[Signatures]

Chief, Division of Charts

Chief, Division of Field Work

Chief, Section of Field Work

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

*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. There is sufficient control on maps.

Yes

5. There is sufficient control on maps.

Yes

6. There is sufficient control on maps.

Yes

7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 45, 44.)

Yes

8. There is sufficient control on maps.

Yes

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. There is sufficient control on maps.

Yes

12. There is sufficient control on maps.

Yes

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.
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.: 4770
REGISTER NO. 4770

State: MARYLAND

General locality: CHESAPEAKE BAY

Locality: 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. PHILLEN & J.R. BROSnan

Heights in feet above: to ground to tops of trees
Contour, Approximate contour, Form line interval: feet

Instructions dated: August 12, 1933

Remarks:

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