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U. S. COAST & GEODETIC SURVEY
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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. C 4771

LOCALITY

WEST SHORE EASTERN BAY
KENT POINT TO SHIPPING POINT

19 33

CHIEF OF PARTY

LT. E. R. MCCARTHY.

U. S. GOVERNMENT PRINTING OFFICE: 1921

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DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET " C "

AUTHORITY

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

LIMITS

Western shore of Eastern Bay from Kent Point to Shipping Creek.

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 Bar to Bell 0.37 miles; no error.
From Bell to Tan 1.8 miles; 5 meters; adjusted proportionally.
From Tan to Bank 0.87 miles; 2 meters; adjusted proportionally.
From Bank to Jack 1.2 miles; 3 meters; adjusted proportionally.
From Jack to Ship 1.0 miles; 1 meter; adjusted proportionally.

A dead end traverse was run up Tanner's Creek from Bank.

NAMES

Names shown are in local usage.

The following names were changed: authority; local usage.

Long Point Creek was changed to Tanner's Creek.

SHORELINE

The western shore of Eastern Bay from Kent Point to Shipping Creek is generally an average three foot clay bank with sand-clay beaches.

There is some marsh on this sheet but it is mostly in the small " guts " and on the banks of Tanner's Creek.

COMPARISON WITH PREVIOUS SURVEYS

A comparison with sheet no.2294 of the 1889 survey shows that the shoreline at Kent Point and Long Point has eroded the most. The rest of the shoreline has changed only a small amount.

LANDMARKS

The most prominent landmarks on this sheet are:

- ① Abt 1. Barn Cupola.
- Dis 2. Red Barn Cupola.
- Dis 3. Old House, Center Chimney.
- Dis 4. Red House (brick), South Chimney.
- Dis 5. Large House, S.W. Chimney.

STATISTICS

Shoreline----- 6.325 miles (statute)
Creeks----- 7.935 " "

Area covered by this sheet is 2.7 sq. miles (statute).

MISCELLANEOUS

A comparison was made between sheet "C" and sheet No. ~~4601~~ ³²⁴⁴ ✓
It shows the shoreline to be eroded considerably, *PROBABLY*
DUE TO THE STORM of AUG 23 1933

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

Respectfully submitted

J. R. Brosnan
J. R. Brosnan
Topographer.

Forwarded approved,

E. R. McCarthy
E. R. McCarthy,
Chief of Party.

*Applied to new chart 550
Oct 1934 J.R.B.*

REVIEW OF TOPOGRAPHIC SURVEY No.C

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 amount of vertical control that the Manual specifies for contours and lines was accomplished. (Par. 18, 19, 20, 21, 22, 23.)~~
5. ~~The delineation of contours and lines is satisfactory. (Par. 49, 50.)~~
6. ~~There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.)~~
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. ~~Locations and elevations of summits are given. (Par. 19, 51.)~~
12. ~~The tree line was shown on mountains. (Par. 16g.)~~

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.

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. ~~Connections with contemporary surveys are adequate.~~

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:

The review of this sheet is incorporated with Descriptive report T-5323. L.A.M. 3/12/35.

Reviewed in office by

Examined and approved:

E. H. Green.
Chief, Section of Field Records

L. O. [Signature]
Chief, Division of Charts

T. S. Borden
Chief, Section of Field Work

G. H. [Signature]
Chief, Division of Hyd. and Top.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4771

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, & GEODETIC SURVEY
filled in as completely as possible, when the sheet is forwarded to the Office.
LIBRARY AND ARCHIVES

NOV. 24 1933

Field No. C

REGISTER NO. 4771 Graphic Contr. No. 4771

State MARYLAND.

General locality CHESAPEAKE BAY EASTERN BAY.

Locality Kent Point to Long Point. M. C. L. K.

Scale 1:10000 Date of survey 10/23 to 10/27, 1933.

Vessel SHORE PARTY.

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

Surveyed by J. R. BROSNAN.

Inked by R. A. PHILLO & 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: -----

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

Tilghman, Maryland.

November 4, 1933

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

ER Mc Carthy

Lt. E.R. McCarthy.

Chief of Party.

DESCRIPTION	POSITION					METHOD OF DETERMINATION	CHARTS AFFECTED
	LATITUDE		LONGITUDE		DATUM		
	°	'	°	'			
Water Tank (large) ^{H-2}	38	50	1297	76 16	311	NA.	U.S.C. & G.S. No. 1225
Water Tank (small) ²	38	51	665	76 15	993	"	"
Barn Cupola ²	38	50	843 ³⁹	76 22	510	"	"
Red Barn Cupola ²⁻³	38	51	457	76 21	1183 ⁷	"	"
Old House, ² Center Chimney	38	51	885	76 21	441	"	"
White House, ² White Chimney	38	52	72	76 20	346	"	"
Red House, (brick) 1-2 South Chimney	38	52	1750	76 20	209	"	"
Large House S.W. Chimney 1-2	38	51	1166	76 20	250	"	"
<i>Same as letter 737-1933</i>							

A list of objects carefully selected because of their value as landmarks as determined from seaward together with individual descriptions, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report.

The selection, determination, and description of these points are an important factor in the value of the chart. Landmarks selected at appropriate intervals can be clearly charted. However, when none is outstanding, a group of two or three objects may by their interrelationship provide positive identification. A group so selected should be indicated.

The description of each object should be short, but such as will clearly identify it; for example, a standpipe, elevated tank, gas tank, church spire, tall stack, red chimney, radio mast, etc. Assign numerals to landmarks to indicate: (1) offshore, (2) inshore, (3) harbor, 1, 2, 3 would be a mark useful on all charts. Generally, flagstaves and like objects are not sufficiently permanent to chart.