

6239

U. S. COAST AND GEODETIC SURVEY
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Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

GRAPHIC CONTROL
~~Topography~~
~~Hydrography~~

Sheet No. J

State VIRGINIA

LOCALITY
Chincoteague Bay
~~NORTH END OF CHINCOTEAGUE~~
North Entrance Chincoteague Channel
~~CHANNEL~~

~~SOUTH END OF CHINCOTEAGUE~~

~~BAY~~

1934

CHIEF OF PARTY
H. A. Seran

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & G.
SURVEY

APR 2 1934

Acc. No. _____

REG. NO.

TOPOGRAPHIC TITLE SHEET

GRAPHIC CONTROL 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. J

REGISTER NO. **6239**

State Virginia

General locality Chincoteague **Bay** Inlet and Vicinity

North Entrance
Locality Chincoteague Channel S.E. end of Chincoteague Bay

Scale 1:10,000 Date of survey November 13-16, 1934

Vessel Sub-party Ship OCEANOGRAPHER

Chief of party H. A. Seran

Surveyed by F. S. Trantham - C. R. Dodson

Inked by F. J. Kish, F. S. Trantham, C. R. Dodson

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

~~Contours Approximate contours Form line interval feet~~

Instructions dated April 27, 1933, June 19, 1934

Remarks: This sheet is for control of hydrographic survey.

DESCRIPTIVE REPORT

to accompany

GRAPHIC CONTROL SHEET (field letter J)

CHINCOTEAGUE INLET AND VICINITY

Sub-party Ship OCEANOGRAPHER

H. A. Seran, Chief of Party.

PROJECT NO. H.T. 142

The descriptive report for Topographic Sheet (field letter J) which covers the plane table control for hydrography in the North end of Chincoteague Channel and the South East end of Chincoteague Bay is herewith submitted.

INSTRUCTIONS:

The topography on sheet J is a part of Project No. H.T. 142. The instructions for this part of the project are dated June 19, 1934.

LIMITS AND SCALE:

The scale of this sheet is 1: 10,000. It covers that and between Latitudes $37^{\circ}54'17''$ and $37^{\circ}57'8''$ and Longitudes $75^{\circ}19'4''$ and $75^{\circ}24'5''$.

CONTROL AND SURVEY METHODS:

The control consisted of eight triangulation stations of third order accuracy. The location of triangulation station Chincoteague Water Tower, 1933 is Latitude $37^{\circ}55'17''$ 1789.6 m, Longitude $75^{\circ}22'17''$ 984.3 m.

The usual plane table survey methods were used. The plane table positions were obtained by resection and three point problem methods. There was no traverse.

The sheet was for the location of signals for hydrographic purposes only. The shore line and detail topography was furnished the party by the office.

MARSHES:

The marshes in this area are large and are covered at high water. The soil is soft and boggy and is covered by marsh grass.

MAGNETIC MERIDANS:

The magnetic meridian as indicated on the sheet was determined at triangulation station Wire, 1934. The declinoire was not checked in the field because the magnetic declination was not known and no instruments were on hand to make the necessary observations.

AIDS TO NAVIGATION:

There are four lighted beacons established by the Light House Service that fall on the sheet. Three are along the navigable waters of Chincoteague Channel. Beacon No. Four marks the best water between Chincoteague Island and Franklin City, Md. Killick shoal light marks the Southwest end of Killick Shoal.

RECOVERABLE TOPOGRAPHIC STATIONS:

The discription of five recoverable topographic stations on this sheet are being submitted on form 524.

LANDMARKS:

There is one object that can be used as a land mark on this sheet. Form 567 is attached.

Respectfully submitted,

J. E. Waugh
J. E. Waugh,
Ensign, C&GS.

Approved and forwarded:

H. A. Seran
H. A. Seran, Comdr., C&GS.,
Commanding Ship OCEANOGRAPHER.

(3)

PLANE TABLE POSITION:

1. Stack, Roby's Factory. (@ Roby)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

Norfolk, Virginia.

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.

be readily distinguished

AID TO NAVIGATION

Chief of Party.

| DESCRIPTION | POSITION | | | | | | METHOD OF DETER- MINATION | CHARTS AFFECTED | |
|---------------------|----------|---|--------------|-----------|---|--------------|---------------------------------|--------------------|------------------|
| | LATITUDE | | | LONGITUDE | | | | | DATUM |
| | ° | ' | D. M. METERS | ° | ' | D. P. METERS | | | |
| KILLICK SHOAL LIGHT | | | | | | | | | |
| HOUSE (Δ Killick | | | | | | | | | |
| Shoal Light House, | | | | | | | | | |
| 1934) | 37-56 | | ✓ 1480.2 | 75-22 | | ✓ 987.3 | NA 1927 | New Δ | No. 1109, 1220 ✓ |
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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, flagstaffs and like objects are not sufficiently permanent to chart.

Duplicate

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTSNorfolk, Virginia

_____, 19

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.

H. A. Seran
H. A. Seran

Chief of Party.

AIDS TO NAVIGATION

| DESCRIPTION | POSITION | | | | | METHOD OF DETERMINATION | CHARTS AFFECTED |
|--|----------|-------|--------------|---------|-------|-------------------------|------------------------------|
| | Latitude | | Longitude | | Datum | | |
| | ° | ' | D. M. meters | ° | | ' | |
| BEACON, FLW, black no. | | | | | | | |
| one, (O Link, N. End of | | | | | | | |
| Chincoteague Channel) | 37 - 56 | 636 | ✓ | 75 - 22 | 606 | NA 1927 | Plane-table No. 1109, 1220 ✓ |
| BEACON, FLW, black no. | | | | | | | |
| three, (O Ruff, N. End | | | | | | | |
| of Chincoteague Channel) | 37 - 56 | 868 | ✓ | 75 - 22 | 667 | NA 1927 | Plane-table No. 1109, 1220 ✓ |
| BEACON, FLR, red no two | | | | | | | |
| (O Jake, N. End of | | | | | | | |
| Chincoteague Channel) | 37 - 56 | 1179 | ✓ | 75 - 22 | 756 | NA 1927 | Plane-table No. 1109, 1220 ✓ |
| BEACON, FLW, black no | | | | | | | |
| five, (Δ Black Beacon No | | | | | | | |
| Five, 1934) | 37 - 57 | 688.5 | ✓ | 75 - 22 | 889.7 | NA 1927 | Δ No. 1109, 1220 ✓ |
| These points were copied checked against originals | | | | | | | |

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, 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 of primary importance.

The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaffs and like objects are not sufficiently permanent to chart.

Norfolk, Virginia

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readily distinguished from

Chief of Party.

These positions were copied
checked against originals
J E Maugh

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, flagstuffs and like objects are not sufficiently permanent to chart.

REVIEW OF GRAPHIC CONTROL SURVEY T- 6239 , SCALE 1: 10,000

Date of Review 2/18/38

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5193, , with particular attention to the following details:

- (a) Projection has been checked in the Field.
- (b) Accuracy of location of plane table control points.
- (c) Discrepancies between detail on this survey and the air photo compilations listed above.
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5193, , for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

Notes and corrections resulting from the review are shown on this survey in green.

L. C. Landy