

8341

Diag'd. on Diag. Ch. No. 78-3

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photographic Topographic

Field No. 289-W-1 Office No. T-8341(North)

LOCALITY

State Virginia

General locality Rappahannock and Piankatank
Rivers

Locality Wilton

194 2-'46

CHIEF OF PARTY

R.L. Shoppe

LIBRARY & ARCHIVES

DATE November 1, 1949

B-1870-1 (P)

8341

DATA RECORD

T- 8341 (North Portion)

Quadrangle (II): Wilton, 7 $\frac{1}{2}$ '

Project No. (II): 289W1

Field Office: ~~Washington Office~~Chief of Party: ~~Comdr. K. T. Adams~~ R. L. Shoppe

Compilation Office: Washington Office

Chief of Party: ~~Comdr. K. T. Adams~~ G. C. Tewinkle

Instructions dated (II III): 1943

Copy filed in *Division of*
Descriptive
Report No. T-8339 (VI)*Photogr. Office Files*

Completed survey received in office:

8/15/46

Reported to Nautical Chart Section:

8/24/46

Reviewed:

5/47

Applied to chart No.

Date:

Forwarded to Geological Survey
Redrafting Completed: 5/8/47

Registered: 10/17/49

Published: 1949

Compilation Scale: 1:20,000

Published Scale: 1:24,000

Scale Factor (III): Unity

Geographic Datum (III): N.A. 1927

Datum Plane (III): MSL

Reference Station (III): HARMONY, 1942

Lat.: 37° 35' 14".736
454.32 m (1495.45 m)Long.: 76° 29' 34.792
853.62 m (618.49 m)Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): Virginia South

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12656	11/28/42	2:19 PM	1:20,000	+ 2.1 ft. (High tide at
12657		2:21		+ 2.1 2:50 PM,
12679		3:05		+ 2.2 2.2 ft
12680		3:06		+ 2.2 Low, 7:12
12681		3:07		+ 2.2 0.0 ft.)

Tide from (III): Urbanna - Ref. Sta. - Hampton Roads, Virginia

Mean Range: 1.6 ft. Spring Range: 1.9 ft.

Camera: (Kind or source)
U. S. C. & G.S. 9-lens, camera A.

Field Inspection by: Comdr. Ray L. Shoppe date: 1944
Vertical Control, H. R. Cravat Summer, 1945

Field Edit by: *Robert A. Horn* date: *October, 1946*

Date of Mean High-Water Line Location (III): 1944, Spring

Projection and Grids ruled by (III) Ruling Machine date: May, 1945

" " " checked by: Stephen Rose date:

Control plotted by: A. H. Faulds date: June, 1945

Control checked by: W. D. Harris date: June, 1945

Radial Plot by: A. H. Faulds, and others date: July, 1945

Detailed by: Stereocartograph date: January, 1946

Reviewed in compilation office by: *Harland R. Cravat* date: *APRIL, 1947*

Map Manuscript
Elevations on ~~Field Edit Sheet~~ checked by: *Harland R. Cravat* date: *April, 1947*

STATISTICS (III)

Land Area (Sq. Statute Miles):	33
Shoreline (More than 200 meters to opposite shore):	22
Shoreline (Less than 200 meters to opposite shore):	15
Number of Recoverable Topographic Stations established:	7*
Number of Temporary Hydrographic Stations located by radial plot:	none
Leveling (to control contours) - miles:	30

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

*Two of which are regular Recoverable Topographic Stations and five of which are non-floating aids to navigation of a recoverable nature.

OUTLINE OF OPERATIONS

PROJECT 289W-1

(INCLUDING QUADRANGLE T-8344)

This project, CS 289W-1, originally was part of war mapping Project CS 289, which involved the production of 7½-minute topographic quadrangles by photogrammetric methods, but with all contouring by planetable.

In the winter of 1943-4 it was decided by the War Department that all field work would be discontinued July 1, 1944. Since the entire project 289 could not be completed, it was subdivided and on subproject 289W, which included quadrangle T- , field work was limited to the identification of horizontal control, the recovery of existing bench marks, and the field inspection and clarification of photographic details. This limited field work was completed. The instructions for field work for subproject 289W, dated March 13, 1944, are filed in the Photogrammetric Section.

After July 1, subproject 289W was further divided into two subprojects, within which all remaining work for the production of standard 7½-minute quadrangles will be completed by the U. S. Coast and Geodetic Survey. See attached layout. These subprojects are:

- (a) 289W-1: (including quadrangle T-8344) In this subproject contouring will be accomplished on the stereocartograph (nine-lens plotting instrument). Field work on this subproject is being directed from the Washington Office.
- (b) 289W-2: Quadrangles on this subproject are being compiled in the Baltimore Photogrammetric Office by the usual graphic methods and the contouring is being accomplished by planetable.

The field inspection report for subproject CS 289W containing a list of recommended landmarks and a report on the identification of horizontal control for each quadrangle is filed in the ~~Review Unit~~ Photogrammetric Section. *General Files*

The completion of subproject 289W-1 will require field work in addition to that accomplished on project 289W. This additional field work will include:

- (a) The establishment of permanent third-order level lines.

- (b) Fourth-order levels for vertical control for stereoscopic instrument contouring.
- (c) Reidentification of horizontal control in some instances.
- (d) Field edit of the compiled manuscripts and vertical accuracy tests.

Copies of the instructions for this additional field work dated November 14, 1944 and December 5, 1944 are filed in the Photogrammetric Section. This additional field work was started in the autumn of 1944, was continued through the winter, and will continue through most of the calendar year 1945. This field work is being directed by the Topography Section, Division of Coastal Surveys, with the exception that the Chief of the Baltimore Photogrammetric Office is disbursing officer for the party. At this time Mr. Harland R. Cravat is chief of the field party.

With particular reference to quadrangle T- , the field work accomplished on subproject 289W included the classification of roads, buildings, bridges and woodland; identification of streams, and swamp and marsh areas; recovery and identification of horizontal control, identification of political boundaries; and partial investigation of geographic names. The additional field work accomplished under subproject 289W-1 included ~~approximately 100 miles of trigonometric levels, and approximately 38 miles of barometric levels.~~ A brief report on the leveling is attached.

(Signed) B. G. JONES :

Compilation Report
T-8341, North Portion

This sheet consists of two parts separated by the Piankatank River. This report concerns only the north portion which was compiled in the Washington Office from nine-lens photographs using a radial line plot and the stereocartograph.

The south portion was compiled in the Baltimore Office from nine-lens photographs using radial line plot and planetable contouring on the photographs by field parties. The report for the south part is included in that for sheet T-8330, the sheet of which the compilation is a part. ~~Filed in the Bureau Archive~~ *Later attached to descriptive report T-8327.*

*P168
T-8327
28
29
80
83 Y/S.
82 S.*

26 Control.

The ten horizontal control stations used which lay within the boundaries of this part of the sheet are:

✓ Harmony	1942
✓ Grey 3	1942
✓ Grey Point Light	1944
✓ Washington-Norfolk Airway Beacon #4	1942
✓ Stampers	1942
✓ Wilton "A", VFC	1942
✓ Piankatank 8, VFC	1932
✓ Piankatank 9, VFC	1932
✓ Piankatank 10, VFC	1932
✓ Piankatank 15, VFC	1932

No stations failed to be held either in the radial line plot or the compilation.

Eleven vertical control stations, of third order accuracy or better, fell within the limits of this part of the sheet and are listed:

G 290	A 291
S 290	B 291
Y 290	C 291
Z 290	D 291
	E 291

USGS EM 60, 1916
USGS EM 91, 1916

As mentioned in the Data Record, about 30 miles of supplemental levels were also run within the area to give adequate distribution of vertical control for contouring by stereocartograph.

27 Radial Plot.

This sheet was plotted in conjunction with sheets T-8340 and 8342 and a discussion of the radial plot is included in the Descriptive Report for T-8340.

28 Detailing.

The greater portion of the detailing procedure was done with the stereocartograph. The method is fully described in the reports for T-8347 and 8339. However, the shoreline detail and the delineation of woodland boundaries was done off the instrument along with the addition of lettering and data from the field inspection photographs, using a stereoscope in all phases. A discrepancy overlay was made and submitted to the Review Section for verification and transmittal to the field edit party.

The inking of the manuscript was done in part with a brush. With verbal instructions from the Aeronautical Charts Branch of the Baltimore Office and from our own Drafting Section, a trial of the brush method was made to determine its application to our work. It was found that with constant practice, a careful draftsman can do nearly everything that can be done with ruling pen or contour pen. However, the ruling pen and contour pens are easier for most to use and require less skill and training. Further use of the brush has been abandoned.

Fast shoreline is shown with a fine black line. Marshy shoreline is shown with a firm blue line.

29 Supplemental Data.

The following existing maps were referred to for general information, comparisons and a completeness check:

U.S.C.&G.S. Chart 534, 1:40,000, 1933

U.S.G.S. 15 minute quadrangle, Kilmarnock, Virginia, 1:62,500, 1918

Virginia State Highway Map, 1:63,360, 1939

30 Mean High Water Line.

The mean high water line was indicated on the field inspection photographs at frequent intervals. The gaps were filled in by stereoscope at the time the field inspection data was applied.

31 Low Water and Shoal Lines.

Shoal lines are shown on the manuscript by a short dash line offshore where the photographs indicate light-colored shallow areas.

33 Wharves and Shoreline Structures.

Wharves, ferry slips and other shoreline structures are completely shown on the manuscript. There have been numerous changes as to character and location as compared to existing charts and maps.

34 Landmarks and Aids to Navigation.

aids to navigation
Five non-floating ~~landmarks~~ were called to attention by the field inspection party, and are recorded on Form 567 of this report. The ~~landmarks~~ *aids* were plotted, scaled, and described with a precision equal to that of hydrographic stations and are of a recoverable nature.

35 Hydrographic Control.

aids
In addition to the five non-floating ~~landmarks~~, two described ~~hydrographic~~ stations were plotted and scaled as requested by the field inspection party. The stations are:

Lok, 1944
Sim, 1944

Form 524 was completed.

36 Aeronautical Aid.

The Washington-Norfolk Airway Beacon No. 4 falls on this sheet and is a triangulation station of this Bureau, 1942.

44 Comparison with Existing Maps.

(See also Supplemental Data, above) Comparison was made with existing maps. Many small changes were observed which were due to the lapse of time between the existing maps and the date of photography. The large compilation scale enabled greater detail to be shown.

Personnel.

The stereocartograph operators were W. D. Harris and O. N. Dalbey. The inking of the manuscript and the application of the field inspection data was performed by Gertrude B. Dean. An adjustment was made of the stereocartograph positions to agree with the radial line plot by O. Svendsen.

G. C. Tewinkel
G. C. Tewinkel
August 16, 1946

NAUTICAL CHART SECTION

TO BE CHARTED }
TO BE DELETED }

STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS TO NAVIGATION

Tappahannock, Virginia

May 19 44

I recommend that the following objects which have ~~these~~ ^{not} been inspected from seaward to determine their value as landmarks, be charted on ~~detached from~~ the charts indicated.

The positions given have been checked after listing by

F. V. Callen

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

Geographic Name List

List of Undisputed Geographic Names

- Adam Wharf (name O.K. but feature not shown)
- Barretts Mill ~~stet~~
- ~~Blake Pond~~ Conrad Pond
- Bush Park Cr.
- Bushy
- Bushy ~~Pond~~ Road
- Cheaden
- Coach Pt.
- Conrad Wharf
- Creek Pt.
- Deltaville Road
- Doctor Pt.
- Duck Pond
- Fairfield Landing
- Fairfield Road
- Free Shade Corner
- Grafton
- Grey Pt.
- Grey Pt. Ferry
- Grey Pt. Road
- Harmony Village
- Healy Cr.
- Horse Pt.
- Lily Pond
- Lockies
- Lockies Cr.
- Meachim Cr.
- Mill Creek
- ~~New~~ Mill Creek Wharf
- Old Brick Church
- Parrott I.
- Regent
- Regent Road
- Scoggins Creek
- Stammers
- Stammers Wharf
- Syringa
- Topping
- Twiggs Ferry
- Wake
- Wilton
- Wilton Creek
- Wilton Point
- Wilton Point Road
- Whiting Creek
- Woods Cr.

List of Disputed Geographic Names

Recommended Name

- Berkley I. (recent U.S.B.G.N.)
- Glebe Neck (recent U.S.B.G.N.)
- Hartfield

Other Name

- Berkley I.
- Mill Creek Neck
- Lot

- Piankatank River
- Rappahannock River
- Hardyville P.O. (vg. proper on T-8342)

- Middlesex County
- ~~Pinetop~~ District (2 words)
- Lancaster County
- Whitestone District
- Washington-Norfolk Airway Beacon No. 4.

- State 33 (Deltaville Rd.)
- 200 (Grey Pt. Rd.)
- 225 (Wilton Pt. Rd.)

- Hell Neck
- Hell Neck Road
- Old Mill Creek Wharf
- Mt. Olive Baptist Church
- Massaponax Sand & Gravel Co.

District Names checked with Census Bureau Map.
 Names preceded by • are approved
 4/22/47 L. Hech

FIELD EDIT REPORT

T-8341, Wilton Quadrangle, (37-30/76-22.5/7.5)

Project CS 289 W-1

Robert A. Horn, Chief of Party

This field edit survey was made between October 4, 1946 and October 31, 1946 by Robert A. Horn, Photogrammetrist, in accordance with the Director's Field Edit Instructions dated August 24, 1945.

46. Methods

All delineated data such as roads, structures, contours, and drainage were checked by riding or walking over the roads and trails in this quadrangle. The shoreline and off-shore details were checked by walking along the shore or by inspection of details from a strategic position from which a large portion of the river and shoreline was visible. Geographic Names and Political boundaries were checked with local residents, posted signs, county records and officials. Three vertical accuracy tests, plus many spot checks of elevations, were made to determine the adequacy of contours.

All results of the field edit survey are shown on the field edit sheet and reference is made on this sheet to a photograph on which the correction or addition can be determined. The positions of such details on the field edit sheet are approximate; the photograph indicated should be consulted for exact locations.

Information obtained during the field edit survey is as follows:

4. Horizontal Control

The station "SIM*1944" should be considered lost. It had been located on the New Mill Creek Wharf, in Mill Creek. The wharf has been destroyed; all that remains is a string of piling. A Form # 524 is submitted with this report on said station.

5. Vertical Control

No discrepancies were noted in any points of vertical control.

6. Contours and Drainage

Contours on this sheet appeared adequate. The results of the vertical accuracy tests show the contours well within allowable limits. Two changes are recommended which require the enlargement of contours. One is on the neck west of Meachims Creek. The other is on the neck leading to Grey Point Ferry. It is felt that with the corrections and additions shown the contours on this sheet can be adjusted so that they will give a very adequate and complete portrayal of the relief.

Drainage appeared adequate. Several minor changes were made. One, in the drainage from a pond just inshore of the high water line at Hell Neck. Another change was made east of Wake Church. The branch of this drain is intermittent and heads slightly to the west. Also, in the extreme southeast corner of this sheet there are three drainages which should be shown as intermittent. There are no other changes recommended.

9. Wharves and Shoreline Structures.

Stampers Wharf and Conrad Wharf in the Piankatank River; Old Mill Creek Wharf and New Mill Creek Wharf in Mill Creek, are all names that depict localities rather than structures due to the ruins of the installations.

Several additions and deletions of small piers and/or boat houses are noted on the sheet.

10. Details Off-shore from High Water Line.

In the Rappahannock River, approximately due north of Harmony Village, a duck blind has been located. In the Piankatank River, approximately $1\frac{1}{2}$ miles due east of "PIANKATANK-26, V.F.C. 1932", a duck blind has been indicated.

11. Landmarks and Aids to Navigation.

A Nun-2 has been located on the port-side of Locklies Creek, just west of the north tip of Parrott Island. It should be noted that in this same area, just southwest of N-2, Chart #534 indicates an S-4 navigational aid. This S-4 is no longer there. It became water-logged and sank to such depth that it was covered at high water, thereby creating a hazard rather than an aid. It was removed about April-1946.

Mill Creek Light, Flashing every five seconds, has been located in Mill Creek. East-northeast of the Mill Creek Light a prominent piling has been located which can be and is used as a navigational aid.

Slightly off the southeast corner of this sheet, in the Piankatank River, a Flashing White, every five seconds, light has been located.

14. Road Classification

A few road classifications were changed. Several additions, corrections, and completions are also indicated.

15. Bridges

The positions of several bridges have been indicated on the sheet. No other discrepancies were noted.

16. Buildings and Structures.

Due to new constructions and improvements on existing buildings a number of additions were made. Likewise, as fire, storm, and time took toll, considerable deletions were necessary.

17. Boundary Monuments and Lines.

There were no discrepancies noted in Boundary Monuments or Lines.

18. Geographic Names. 8/14 ✓

These names, and changes of same, were all checked with either county records or local residents and posted signs. The changes and additions are as follows:

1. Add "Nohead Bottom". — ?

References:

- (a) Mr. J.F. Muse, Postmaster, Harmony Village P.O., Va.
- (b) Mr. Amos Johnston, Farmer, Harmony Village P.O., Va.

2. Change "Harmony Grove Church" to "Harmony Grove Baptist Church".

References: Same as # 1

3. Delete Stammers P.O. There is no longer a Post Office there. At present the local residents receive their mail through the Hartfield P.O.

✓4. Change "Hartsville P.O." to "Hartfield P.O." - This information was taken directly from the sign identifying the P.O.

5. Add "Mount Olive Baptist Church"

References:

(a) Mr. L.M. Thomas, Farmer, Hartfield P.O., Virginia.

(b) Mr. J.T. Hogge, Farmer, Hartfield P.O., Virginia.

6. ✓ Change "Doctors Pt." to "Doctor's Point"

✓ Add "Woodstock" — 7

References: Same as # 5

7. ✓ Change "Blake Pond" to "Conrad Pond"

✓ Change "Lilly Pond" to "Barricks Pond"

References:

(a) Mr. G.R. Bristow, Farmer, Wilton P.O., Virginia.

(b) Mrs. A.E. Payne, Postmistress, Wilton P.O., Virginia.

8. ✓ Change "Bushey Road" and "Bushey P.O." to "Bushy Road" and "Bushy P.O."

References:

(a) Mr. E.L. Keininghan, Postmaster, Bushy P.O., Virginia

(b) Mr. Taylor Garland, Retired, Wake P.O., Virginia

9. ✓ Add "Old Mill Creek Wharf", "Hell Neck", and "Hell Neck Road".

References:

(a) Mr. W.E. Parrent, Farmer, Wake P.O., Virginia

(b) Mr. E.W. Hart, Postmaster, Wake P.O., Virginia

✓10. Change "Barrets Mill" to "Barricks Mill" *stat (Pending USBM action)*

References:

(a) Mr. E.W. Hart, Postmaster, Wake P.O., Virginia

(b) Mr. J.A. Barrick, Commissioner of Revenue, Wake P.O., Va.

11. ✓ Add "Parrott Island"

References:

(a) Mr. E.L. Keininghan, Postmaster, Bushy P.O., Virginia.

(b) Mr. Taylor Garland, Retired, Wake P.O., Virginia

It should also be noted that in the Descriptive Report, page 4, under Geographic Names List, the following discrepancies exist. ✓ Locklies, and ✓ Locklies Creek are spelled incorrectly on said list. They are correct on the sheet. Also, Scroggins Creek is spelled Scoggins Creek on the list, which is in error.

47. Adequacy of Compilation.

The compilation appears adequate and complete on this sheet.

?
*stat scoggins
Pending USBM
action*

48. Vertical Accuracy Test.

Three vertical accuracy tests were made. The results of tests # 2 and # 3 are combined due to the limited number of points in each test independently.

The results of Accuracy Test # 1 are as follows:

- 29 - Points tested
- 1 - Point in error over $\frac{1}{2}$ contour interval.
- 0 - Points in error over a full contour interval.
- 96.6 % of all points tested were within $\frac{1}{2}$ contour interval.
- Horiz. Clos. - 0.3mm Vert. Clos. - 0.5' high

The results of Accuracy Tests # 2 and # 3 are as follows:

- 24 - Points tested
- 2 - Points in error over $\frac{1}{2}$ contour interval
- 0 - Points in error over a full contour interval
- 91.7% of all points tested were within $\frac{1}{2}$ contour interval.
- Closures for Test # 2 -- Closures for Test # 3
- Horiz. - 0.49mm Horiz. - 0.47mm
- Vert. - 0.8' high Vert. - 1.0' high

Results of three Accuracy Tests combined:

- 53 - Points tested
- 3 - Points in error over $\frac{1}{2}$ contour interval
- 0 - Points in error over a full contour interval
- 94.4 % of all points tested were within $\frac{1}{2}$ contour interval.

49. Review of First Proof.

Mr. James Ashton Barrick, Commissioner of Revenue, Wake P.O., Virginia has been requested to review one of the first proofs of this quadrangle. Mr. Barrick is a life-long resident of this area. His position requires that he frequent all the inhabited localities in this vicinity. He appears quite interested in this sheet and it is felt that he would be a competent person to make the review.

Respectfully submitted,

Robert A. Horn

Robert A. Horn
Photogrammetrist

Division of Photogrammetry

Review Report of

Topographic Survey T-8341

Subject numbers not used in this report have been adequately covered in other parts of the descriptive report.

26 - 28. Detailing.

The manuscript for T-8341 originally included the area between the Rappahannock and Piankatank Rivers. The topography was done by stereophotogrammetric methods, using nine-lens photographs. The area south of the Piankatank River was originally compiled as a part of map manuscript T-8330 and later that portion north of Lat. $37^{\circ}30'$ was transferred to map manuscript T-8341.

Topography in the latter area was done by planetable methods on 1:20,000 scale, nine-lens photographs, using a 10 foot contour interval. As the central portion of T-8341 was compiled using a 20 foot contour interval, it was decided to omit the alternate 10 foot contours from the area transferred to this manuscript. If for publication it is desired to show the alternate 10 foot contours on the southern portion of this manuscript, they may be obtained from manuscript T-8330.

In the extreme north-east corner, across the Rappahannock River, lies some 15 acres of land which was transferred from manuscript T-8344. In this area the planimetry was compiled by multiplex and the contours by planetable as a part of sheet T-8344, in project 289X. For further detail, refer to the report for T-8344.

During the office review, all detail was checked for completeness, clarity and position. At this time the field edit and accuracy test were applied, as well as necessary changes and additions.

Few additions and changes in cultural details were necessary. Several errors in the original shoreline detailing were found and corrected. The source of the shoreline errors was determined as caused by inexperience. The plot and interior detailing were done with rectified prints which require a minimum of radial pass points. The shoreline was detailed from un-rectified field inspection photographs, and the sparse placement of radial

pass points was not dense enough to fix the position of the photographs between pass points. By using rectified prints these errors were quickly remedied.

The accuracy of the planimetric and topographic features within the area of this survey is believed to comply with the National Standards of Map Accuracy.

An overlay was made to assist in the smooth drafting of the quadrangle.

36. Landing Fields and Aeronautical Aids.

A new private landing field, located at 37°36'N. latitude and 76°27' W. longitude, has been added from field edit notes.

44. Comparison with Existing Topographic Surveys.

This manuscript was compared with the following earlier U.S.C. & G.S. topographic surveys and superseded them ^{for charting purposes} in all common topographic and planimetric detail:

T-659	1:10,000	1857
T-660	1:10,000	1857
T-1100	1:20,000	1869
T-2869	1:20,000	1907-1908
T-2870	1:20,000	1907-1908

Comparison was made between this manuscript and the following published quadrangles:

U.S.G.S. Kilmarnock, Virginia Quadrangle, 15 minute series, scale 1:62,500, edition of 1917, reprinted 1942.

U.S. Army, Corps of Engineers, Kilmarnock, Virginia Quadrangle, 15 minute series, scale 1:50,000, edition of 1942 (1) A.M.S., 1946 (2) A.M.S.

No significant discrepancies exist between these quadrangles and map manuscript T-8341.

45. Comparison with Nautical Charts.

Manuscript T-8341 was compared with U.S.C. & G.S. nautical chart No. 534, scale 1:40,000, edition of 1933 corrected to March 10, 1946 and no significant discrepancies were found.

This manuscript has not been applied to nautical
chart 534 as of the date of this review.

Reviewed by:

Reviewed under direction of:

Harland R. Cravat

Harland R. Cravat
Photogrammetrist

S. V. Griffith

S. V. Griffith
Chief, Review Section

APPROVED BY:

B. G. Jones 5/7/47

Technical Assistant to the
Chief, Div. of Photogrammetry

H. R. Edmonston

Chief, Nautical Chart Branch
Division of Charts

O. S. Reading 75 Oct 49

Chief, Div. of Photogrammetry

W. M. Scaife

Chief, Div. of Coastal Surveys