

8342

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

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. 289-W-1 Office No. T-8342

### LOCALITY

State Virginia

General locality Rappahannock & Piankatank  
Rivers

Locality Deltaville

194 2-'46

CHIEF OF PARTY

R.L. Shoppe

LIBRARY & ARCHIVES

DATE November 9, 1949

8342

## DATA RECORD

T- 8342 (central portion)

Quadrangle (II): Deltaville, 7½

Project No. (II): 289W-1

Field Office: ~~Washington, D.C.~~

Chief of Party:

~~R. L. Shoppe~~  
~~Comdr. R. T. Adams~~

Compilation Office: Washington, D.C.

Chief of Party:

~~G. C. Tewinkel~~  
~~Comdr. R. T. Adams~~  
*Stereoscopic Mapping Section*

Instructions dated (II III): 1943

*Nov. 14, 1944 } add'l field work  
Dec 5, 1944  
Aug. 24, 1945 (FC)*

Copy filed in Descriptive

Report No. T- 8339 (VI) *and**Div. of Photogrammetry Office File*

Completed survey received in office:

*12/20/45*

Reported to Nautical Chart Section: ✓

*12/27/45*

Reviewed:

*3/20/47*

Applied to chart No. 534

Date: *3/18/49**Forwarded to Geological Survey: 5/8/47*  
~~Redrafting Completed:~~Registered: *10/3/49*

Published:

*1948*

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): *Boss, 1920*Lat.: *37° 32' 47.205" (1455.37)* Long.: *76° 18' 46.78" (1133.7 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>
12624	11-28-42	1:12 pm	1:20,000	+1.5 ft.
12628(1)	"	1:28 "	"	+1.5 ft.
12656	"	2:19 "	"	+2.1 ft.
12657	"	2:21 "	"	+2.1 ft.
m 13044	1-1-43	10:59 "	"	+0.7 ft.

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

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: 11/22/46  
Nov 1-22, 1946

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

Spring, 1944

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: " "

Radial Plot by: A. H. Faulds and others

date: July, 1945

Detailed by: S tereocartograph

date: Jan., 1946

Reviewed in compilation office by: H. W. Thune

date: 4/23/47

Elevations on ~~Field Edit Sheet~~ *Map Manuscript*  
checked by: *H. W. Thune*

date: 4/23/47

STATISTICS (III)

Land Area (Sq. Statute Miles);	8
Shoreline (More than 200 meters to opposite shore);	15
Shoreline (Less than 200 meters to opposite shore);	11.6
Number of Recoverable Topographic Stations established;	none
Number of Temporary Hydrographic Stations located by radial plot;	none
Leveling (to control contours) - miles;	6

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;



## OUTLINE OF OPERATIONS

### PROJECT 289W-1

(INCLUDING QUADRANGLE T-8342)

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-8342, 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-8342) 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.  
*forms part of the Project Completion Report.*

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. Gravat is chief of the field party.

With particular reference to quadrangle T-8342, 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

T-8342

The field inspection covering the central portion of the map area, <sup>the area</sup> between the Rappahannock and the Piankatank rivers, is contained in a Special Report on Field Inspection for Project 289W, also filed in the Division of Photogrammetry General Files.

These special reports form part of the Completion Report filed in the Library under Project CS-289.



Compilation Report  
T-8342, Central Portion

This sheet consists of three parts separated by the Rappahannock and Piankatank Rivers. This report concerns only the Central 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 plane-table contouring on the photographs by field parties. The report for the south part is included in that for sheet T-8329, the sheet of which the compilation is a part. *Report bound with descriptive report T-8327.*

*Plot*  
*T-8327*  
*28*  
*29*  
*30*  
*8341S*  
*425*

The north portion was compiled in the Washington Office from single-lens photographs using radial line plot and the multiplex (for planimetry) and planetable contouring on the photographs by field parties. The report for the north part is included in that for sheet T-8343, the sheet of which the compilation is a part.

Control.

The 5 horizontal control stations used which lay within the boundaries of this part of the sheet are:

Grinnells, V.F.C.,	<del>1912</del> <sup>1921</sup>
Boss,	1920
Stingray Point Lighthouse,	1900
Stove "R",	1920
Jackson,	1944

Stations Stingray Point Lighthouse and Grinnells were not held in the plot. The compilation was adjusted to fit Grinnells, but it was not necessary to adjust for the Lighthouse as it is too far out in the water.

Four vertical control stations, of second order accuracy fell within the limits of this part of the sheet and are listed:

F 291	Elev 40
G 291	Elev 20
H 291	Elev 11
J 291	Elev 6

As mentioned in the Data Record, about 6 miles of supplemental levels were also run within the area to give adequate distribution of vertical control for contouring by stereocartograph.

Radial Plot.

This sheet was plotted in conjunction with sheets T-8340 & 8341. A discussion of the radial plot is included in the report for 8340.



### 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 cases except for the woodland.

Fast shoreline is shown with a black line and Marshy shoreline (much of which has sand washed on top of it) is shown with a blue line. No effort was made to use a distinction in weight, so wherever found is purely unintentional. As noted on the sheet., the marsh was not labeled because the solid blue shoreline and the dashed-blue back limits indicated marsh in all cases.

A new symbol for delineating the woodland was used, as suggested by Army Map Service for standardization of symbols. The compiler found it to be better in "tight" areas than the "scallops" this office has been using, but also that it seems to take more drafting "pains" in the open areas than the "rhythmic" older symbol, but this is probably a matter of practice.

Some other detail notes appear on the sheet itself.

### Supplemental Data.

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

U.S.C&GS. Chart 534, 1:4,000, 1933  
U.S.G.S. 15 minute quadrangle, Kilmarnock, Virginia,  
1:62,500, 1918 *reprinted 1942*  
Virginia State Highway Map, 1:63,360, 1939

### Mean High Water Line.

The mean high water line was indicated on the field inspection photographs except for the tip of Stove Point. Some other small areas did not seem sufficiently indicated, and inspection was completed with the stereoscope and the field photos, as noted on the sheet.

### Low Water and Shoal Lines. §

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

### Wharves and Shoreline Structures.

Wharves, ~~ferry slips~~ (none) marine railways and a multitude of breakwaters are indicated on the manuscript as completely as could be shown from information on the field photographs.

As noted on the sheet the exact number, length and place of the breakwaters was not indicated in the field inspection and this was determined as best as could be with the stereoscope



Page 3  
(of Compilation Report for T-8342)

add the best defined photos. They should be checked in the field, and height above water noted. *Wharves & shoreline structures verified by Field Edt.*  
There was a new marine way which was plotted from the field inspection sketch of it on photo 12624.

Landmarks and Aids to Navigation.

Ten non-floating aids to navigation were recorded on Form 567 of this report. Seven of these are on this portion of the sheet and the other three are on the south portion (T-8329). ~~It is assumed there are others for the north portion on that compilation and that they are listed with the report for T-8343.~~

The aids that are on this sheet were taken from the field inspection photos, orienting same as best as could be, and are as approximate as the scale of the photos and the original location of them by the field inspector.

Hydrographic Control.

There were no hydrographic Control stations on this sheet.

Aeronautical Aids.

There are none on this sheet.

Comparison with Existing Maps.

See Supplemental Data above. <sup>small</sup>Many changes <sup>ed</sup>accurred since the date of these maps.

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 Bernice Wilson. An adjustment was made of the stereocartograph positions to agree with the radial line plot by O. Svendsen.

G. C. Tewinkel  
August 22-46.

*G. C. Tewinkel*



## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED

**STRIKE OUT ONE**

Rappahannock & Piankatank Rivers, Virginia

May 19<sup>th</sup> 1944

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks, be charted on ~~the~~<sup>new</sup> charts indicated.

The positions given have been checked after listing by

F. L. Callen

STATE  
Virginia--Rappahannock & Plankatank Rivers

*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.



# List of Undisputed Geographic Names

- |   |                                      |
|---|--------------------------------------|
| • Amburg  | • Middlesex C o.                     |
| • Bland Pt.   | • Moore Cr.                          |
| • Broad Cr.   | • North End Wharf                    |
| • Chesapeake Bay  | • Piankatank River                   |
| • Deltaville  | • Rappahannock River                 |
| • Fishing Bay   | • Ruark                              |
| • <del>Grinnells Wharf</del> <i>Grinnells Wharf (ruins)</i> | • Stingray Pt. <del>Lighthouse</del> |
| • Grinnells   | • Stingray Pt. Lighthouse            |
| • Grinnells Road  | • Stove Point Neck                   |
| • Hardyville  | • Sturgeon Cr.                       |
| • Hunting Cr.   | • Timber Neck                        |
| • Jackson Cr.   |                                      |
| • Lancaster Co.   |                                      |
| • Mathews Co.   |                                      |

## Disputed Names

- | Recommended Name   | Other Name  |
|--|-------------|
| • Cores Cr.  | • Shaws Cr. |
| • Stove Pt.  | • Store Pt. |
| • State 33 (Deltaville Road)   |             |
| • <del>Pinetop</del> <sup>TOP</sup> District (Middlesex Co.) - 2 words |             |
| • Whitestone District (Lancaster Co.)                                  |             |
| • Amburg Baptist Church.   |             |
| • Clarksburg Methodist Church.   |             |
| • Phillippi Christian Church   |             |

Names preceded by • are approved  
L. Heck  
4/22/47

Refer to names listed in Descriptive Reports  
T-8343 & T-8329 for additional names <sup>in this map area</sup> <sub>not</sub>  
listed on this page. K-H-M.  
10/5/49



## FIELD EDIT REPORT

T-8342(Central Portion), Deltaville Quadrangle,  
(37-30/76-15/7.5)

Project CS 289 W-1

Robert A. Horn, Chief of Party

This field edit survey was made between November 1, 1946 and November 22, 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. One vertical accuracy test was made to determine the adequacy of contours. Aids to Navigation were located on the sheet by planetable "cuts".

The 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 interpreted. The positions of such detail on the field edit sheet are approximate; the photograph indicated should be consulted for exact shapes and locations.

Information obtained during the field edit survey is as follows:

### 4. Horizontal Control.

No discrepancies were noted in any points of Horizontal Control. A station that may be of some value was located west-southwest of BOSS-1920, on the north shore of the Piankatank River. It is stamped "U.S.E.D.-Station 743". A satisfactory position of it could not be obtained by "cuts"; it was located by planetable traverse.

## 5. Vertical Control.

Three spot elevations that were indicated along Road # 631 were found to be in error. They were level points WL 26, 27, and 28. The correct elevations of these spots were determined in a loop made during the vertical accuracy test. This loop closed between BM F 291 and BM G 291 with an error of closure of 0.8' high.

No other discrepancies were noted.

## 6. Contours and Drainage.

Contours on this sheet were fair. Considerable re-contouring was necessary in a "top" area in the northwest portion of the sheet. This condition was probably the result of the erroneous spot elevations previously mentioned. It is felt that with the corrections and additions shown the contours on this sheet can be adjusted so that they will give an adequate portrayal of the relief.

Drainage appeared adequate. One minor change is recommended just east of the mouth of Sturgeon Creek. Rather than a Pond, it should be shown as an inlet since it is affected by tides.

## 9. Wharves and Shoreline Structures.

Wharves in this area are in varying stages of ruin due to the destructive storm experienced in 1933. They have never been rebuilt, and the possibility of such action in the future is doubtful.

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

## 10. Details Off-shore from High Water Line.

A duck blind has been located on the north shoal of the Piankatank River, approximately 1100' southwest of BOSS-1920.

It should be noted that there is no wreck visible at low tide in the Rappahannock River, about 1300' northwest of JACKSON-1944. Local watermen were not familiar with any such wreck, and it is recommended that it be deleted.

## 11. Landmarks and Aids to Navigation.

In the Rappahannock River the positions of the following Aids to Navigation were determined:

Nun-2 Approximately  $1\frac{1}{2}$  miles north of North End Wharf.  
Fl.-W("1") Approximately 1 mile north of the mouth of  
Sturgeon Creek.

S-"7W" Approximately 2 miles north of Stingray Point.

Ref "1", Ref "2", and Ref "4" Mouth of Broad Creek  
S-"6AW" Approximately  $1\frac{1}{2}$  miles northeast of Stingray Point.

In the Piankatank River the position of the following was determined:

S "5W" Approximately  $1\frac{1}{2}$  miles southeast of Stingray Point.

Also in the Piankatank River the following Aids are generally located, the exact positions of which have been determined on previous sheets.

Located on Quadrangle Sheet T-8329 & T-8342(part):

C-"1" Approximately  $2\frac{1}{2}$  miles southeast of Stingray Point.

C-"3" Approximately  $1\frac{1}{2}$  miles southeast of BOSS-1920.

Fl-R, ev 5 sec., about 1 mile southeast of STOVE "R" 1920V.F.C.

C-"5" About  $3/4$  mile southeast of STOVE "R", 1920, V.F.C.

Located on Quadrangle Sheet T-8341:

Fl-W-ev 5 sec., about  $\frac{1}{2}$  mile off Cores Creek.

In Jackson Creek the positions of the following were determined:

Jackson Creek Light "1"

Ref "2", Ref "4", and Ref "6"

It should also be noted that Chart # 534 indicates an S-"5AW", and a S-"4AW",  $2\frac{1}{2}$  to 3 miles east-southeast of Stingray Point. The field edit man had no success in attempting to determine these Aids.

#### 14. Road Classification.

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

#### 15. Bridges.

A wooden bridge has been marked on the road leading down Stove Point. This bridge is seldom used since the road is overgrown with brush a few hundred feet beyond it.

#### 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 either Boundary Monuments or Lines.

## 18. Geographic Names.

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

1. Change "Amburg Church and Cemetery" to "Clarksbury Methodist Church and Cemetery".

References:

- (a) Nathaniel Johnson, Farmer, Amburg P.O., Virginia.
- (b) Capt. J.S. Taylor, Retired, Amburg P.O., Virginia.

2. Add "Amburg Baptist Church".

References: Same as # 1

3. Change "Grenells Wharf" to "Grinels Wharf".

References: Same as # 1

4. Add "Zoar Baptist Church".

References:

- (a) Mr. J.C. Harrow, Storekeeper, Deltaville P.O., Va.
- (b) Mr. C.M. Sadler, Waterman, Deltaville P.O., Va.

5. Add "Fishing Point".

Add "Harborton-Deltaville Ferry Landing".

References:

- (a) Mr. Graydon Harrow, Waterman, Deltaville P.O., Va.
- (b) Mr. C.M. Sadler, Waterman, Deltaville P.O., Va.

6. Change "Phillippi Christian" to "Philippi Christian".

References: Same as # 4

The policy of whether GRINNELLS-1921, V.F.C. should be spelled the same as the other GRINELS names is questionable and should be checked by Office Edit. *Retained as "Grinnells" as per*

## 47. Adequacy of Compilation.

*Va. G.P. listing, p 536*

The compilation appears adequate and complete on this sheet.

## 48. Vertical Accuracy Test.

Due to the limited extent of the contours on this sheet it was felt that one vertical accuracy test would be sufficient. The results of this test are as follows:

30 - Points tested

5 - Points in error over  $\frac{1}{2}$  contour interval.

\* 0 - Points in error more than one contour interval.

83.3% of all points tested were within  $\frac{1}{2}$  contour interval.

Vert. Clos. - 0.8'

Horiz. Clos. - 0.4mm

*Only one point is out more than  $\frac{1}{2}$  contour interval making 96.7% of tested points within the  $\frac{1}{2}$  contour interval.*

49. Review of First Proof.

Captain J.S.Taylor, Amburg P.O., Virginia has been requested to review one of the first proofs of this quadrangle. Captain Taylor is a retired Seafarer, and exhibits a superior knowledge of the rivers and bay in this area. He has been a life-long resident in this vicinity, and his interest in the maps and charts published by the U.S.Coast & Geodetic Survey is exceptional. It is felt that he would be a desirable person to review this sheet.

Respectfully submitted,

*Robert A. Horn*

Robert A. Horn  
Photogrammetrist

Division of Photogrammetry

Review Report of

Topographic Survey T-8342

Paragraph numbers used in this report refer to paragraph numbers in the descriptive report.

26 - 38. Detailing.

The manuscript for T-8342 originally included only the area lying between the Rappahannock and Piankatank Rivers, and the topography was done on nine-lens photographs by stereophotogrammetric methods. The area south of the Piankatank River was originally compiled as a part of map manuscript T-8329 and later that portion north of Lat.  $37^{\circ}30'$  was transferred to manuscript T-8342. Topography in this area was done by planetable methods on 1:20,000 nine-lens photographs, using a 10 foot contour interval. As the central portion of T-8342 was compiled using a 20 foot contour interval, it was decided to omit the 10 and 30 foot contours from the area transferred to this manuscript from T-8329.

The area north of the Rappahannock River was compiled as a part of map manuscript T-8343 and the topography for this area was done by planetable methods on 1:10,000 single-lens photographs, using a 20 foot contour interval. The portion of manuscript T-8343 lying south of Lat.  $37^{\circ}37'30''$  was transferred to manuscript T-8342. If for publication it is desired to show the alternate 10 foot contour lines on the southern portion of this manuscript, it may be obtained from manuscript T-8329.

During the office review, all detail was checked for completeness, clarity, and position, and all necessary corrections and additions were made. At the same time, the field edit and accuracy test were applied to the manuscript. Few additions, corrections, or deletions were necessary and 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.

The county lines between Middlesex and Lancaster and Middlesex and Mathews counties were compiled from nautical chart No. 534, scale 1:40,000, using the center line of the main channel and are as accurate as the difference in scale permits and depths of soundings indicate.

#### 44. Comparison With Existing Topographic Surveys.

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

T-521	1:20,000	1851 & 1856
T-2869	1:20,000	1907 - 1908

Comparison was also 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-8342.


#### 45. Comparison With Nautical Charts.

Manuscript T-8342 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 except the omission of two floating aids to navigation noted on chart 534 as S"5AW" and S"4AW" located SE of Stingray Point Lighthouse which were not located either by the field inspection party or by the field edit party, hence they are not shown on the map manuscript.

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

Reviewed by:

Reviewed under direction of:

  
Howard F. Thune  
Photogrammetrist 3/23/47

  
S. V. Griffith  
Chief, Review Section

APPROVED BY:

B. J. Jones 5/7/47  
Technical Assistant to the  
Chief, Div. of Photogrammetry

J. R. Edmonston  
Chief, Nautical Chart Branch  
Division of Charts

O. J. Reading  
Chief, Div. of Photogrammetry

W. M. Scaife  
Chief, Div. of Coastal Surveys



## NAUTICAL CHARTS BRANCH

SURVEY NO. 8342

### Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.



70 - For Signature

731 - For Recording

Vault - For Registering