**DESCRIPTIVE REPORT**

**Type of Survey**  
SHORELINE

**Field No.**  
T-11662

**Locality**  
SEMONEASTON BAY TO  
BOGUES BAY

**State**  
VIRGINIA

**General locality**  
ACCOMACK COUNTY

**CHIEF OF PARTY**  
Joseph K. Wilson, Chief of Field Party  
V.F. Sobieralski, Tampa District Officer  
Alfred C. Holman, Director, A. W. C.

**DATE**  
JUL 1975
DESCRIPTIVE REPORT - DATA RECORD
T -11662

PROJECT NO. (III): PH-5907

FIELD OFFICE (III): Accomac, Virginia

CHIEF OF PARTY J. K. Wilson

PHOTOGRAMMETRIC OFFICE (III): Tampa, Florida

OFFICER-IN-CHARGE V. Ralph Sobiersalski

INSTRUCTIONS DATED (II) (III): Field: October 20, 1959
Field: Amendment 1, April 26, 1960
Office: December 28, 1960
Office: Amendment 1, August 10, 1961
Office: Amendment 2, September 29, 1961

METHOD OF COMPILATION (III): Graphic

MANUSCRIPT SCALE (III): 1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): Inapplicable

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE: [Blank]

DATE REGISTERED (IV): [Blank]

GEOREGRAPHIC DATUM (III): N.A. 1927

REFERENCE STATION (III): WISHART 1949

LAT.: 37° 52' 54.484" (1679.8 m)★

LONG.: 75° 29' 32.307" (789.5 m)★

ADJUSTED [✓]

UNADJUSTED [☐]

PLANE COORDINATES (IV):

x = 577,612.80 FT.

y = 2,867,959.24 FT.

STATE Virginia

ZONE South

ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (I) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE.

WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.
# DESCRIPTIVE REPORT - DATA RECORD

**FIELD INSPECTION BY (III):**  
W. M. Reynolds  
M. A. Stewart  
**DATE:** Nov. 1961

**MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):**  
Air photo compilation  
Date of photography: Oct. 13, 1959  
Apr. 28, 1962

**PROJECTION AND GRIDS RULED BY (IV):**  
A. Riley  
**DATE:** Apr. 1962

**PROJECTION AND GRIDS CHECKED BY (IV):**  
A. Riley  
**DATE:** Apr. 1962

**CONTROL PLOTTED BY (III):**  
V. P. Cackowski  
**DATE:** April 1962

**CONTROL CHECKED BY (III):**  
I. I. Saperstein  
**DATE:** Apr. 1962

**RADIAL PLOT ON STEREOSCOPIC CONTROL EXTENSION BY (III):**  
R. R. Wagner  
**DATE:** May 1962

**STEREOSCOPIC INSTRUMENT COMPIlATION (III):**  
Inapplicable

<table>
<thead>
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<th>PLANIMETRY</th>
<th>CONTOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATE</td>
<td>DATE</td>
</tr>
</tbody>
</table>

**MANUSCRIPT Delineated BY (III):**  
R. Dossett  
Reviewed by: R. R. Wagner  
**DATE:** June 1962  
August 1962

**SCRIBING BY (III):**  
R. Dossett  
Reviewed by: W. H. Shearouse  
**DATE:** Sept. 1962

**PHOTOGRAFMETRIC OFFICE REVIEW BY (III):**  
R. R. Wagner  
**DATE:** Nov. 1962

**REMARKS:**

---

**USCOMN-DC 16276-B-P61**
**DESCRIPTIVE REPORT - DATA RECORD**

**CAMERA (KIND OR SOURCE) (III):**
C&GS 9 lens
Wild W Camera

<table>
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<th>PHOTOGRAPHS (III)</th>
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<tr>
<td><strong>NUMBER</strong></td>
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<tr>
<td>60484</td>
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<td>62W3843</td>
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<tr>
<td>62W3844</td>
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**Predicted TIDE (III)**

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<tr>
<th>REFERENCE STATION:</th>
<th>Sandy Hook</th>
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<tbody>
<tr>
<td><strong>RATIO OF RANGES</strong></td>
<td>Mean Range</td>
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<tr>
<td>4.6</td>
<td>5.6</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBORDINATE STATION:</th>
<th>Bogue's Bay, Chincoteague Inlet</th>
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</thead>
<tbody>
<tr>
<td><strong>H.W.</strong></td>
<td><strong>L.W.</strong></td>
</tr>
<tr>
<td>-1.6</td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Mean Range</strong></td>
<td><strong>Spring Range</strong></td>
</tr>
<tr>
<td>3.0</td>
<td>3.6</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBORDINATE STATION:</th>
<th>Chincoteague Point</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean Range</strong></td>
<td><strong>Spring Range</strong></td>
</tr>
<tr>
<td>0.57</td>
<td>2.6</td>
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</tbody>
</table>

**Atlantic Marine Center**

REVIEW BY (IV): O. H. Bishop

DATE: June, 9, 1972

PROOF EDIT BY (IV):

DATE:

**NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III):** 14

**NUMBER OF BM(S) SEARCHED FOR (III):**

**Tidal** 6

**NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):** 1

**NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):** None

REMARKS:

* One station has three names with a 526 submitted under each name.
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incomplete manuscript compiled</td>
<td>June 1962</td>
<td>Superseded</td>
</tr>
<tr>
<td>Revised from shoreline field edit and interior details added Manuscript complete</td>
<td>August 1962</td>
<td></td>
</tr>
<tr>
<td>Final review</td>
<td>June 1972</td>
<td></td>
</tr>
</tbody>
</table>
SUMMARY TO ACCOMPANY

DESCRITIVE REPORT T-11662

This 1:10,000 scale shoreline manuscript is one of 43 maps that comprise Project PH-5907, Cape Charles to Assateague, Virginia. The project diagram indicates the location of this map relative to other maps in the project.

Field inspection prior to compilation was done on 9-lens photographs in November, 1961.

Compilation was based on control established by a radial plot using 9-lens photographs of October 13, 1959. The Photogrammetric Plot Report was not available at the time of final review and is not bound with this Descriptive Report.

Single-lens photographs, taken after a severe storm which occurred in March 1962, were used in conjunction with the 9-lens photographs for compilation of this map.

Field edit was done in August 1962. No changes in shoreline or location of aids to navigation were made.

Final review was done at the Atlantic Marine Center in June 1972.

The compilation manuscript was a vinylite sheet 3 minutes 45 seconds in latitude by 3 minutes 45 seconds in longitude.

A cronaflex copy of the final reviewed manuscript and a negative have been forwarded for record and registry.
2. **Areal Field Inspection.**

   These maps are located along the eastern shore of Virginia, in Accomack County. The land area consists of a portion of the mainland along the west sides of Powells and Watts Bays, Map 11662, the Walker Marsh, same map, the south part of Chincoteague Island and the northeast end of Wallops Island, Map 11663 and a part of Assateague Island located in Maps 11664 and 10887. The water areas consist of the aforementioned bays, parts of Chincoteague Channel and Inlet, part of Assateague Channel and all of Assateague Cove.

   The mainland area is devoted to truck farming. The marsh area is not inhabited. The Chincoteague Island area, having a town by the same name, serves as home port for numerous boats used for commercial and sport fishing. All of Assateague Island, covered by these maps, is a wildlife refuge and is not inhabited.

   All of the water areas are shoally and navigable by shallow draft boats only.

   Field inspection is believed complete and was performed on the following nine-lens photographs: 60363 through 60368, 60371 through 60374, 60381 through 60384, 60483 through 60486 and 60496 through 60499. The photographs were of good quality and no difficulty was encountered in their interpretation in the field. There were no unusual tone changes in the area covered by these maps. No items were deliberately left for field edit.

3. **Horizontal Control.**

   All Coast and Geodetic Survey Control was searched for.

   Six fixed aids to navigation were located by intersection from previously established stations. These stations are:

   Chincoteague Channel Light 5, Daybeacon 7A, Light 8 and Light 10, Chincoteague Inlet to Metomkin Bay Light 1 and Light 3.

   Field computations are submitted but no adjustments were made.

   The requirements for identification of horizontal control, as indicated by a copy of the project diagram, were not met in four instances. Station Lonesome House East Chimney 1902, Map 10887, has been destroyed. Stations Assateague Boathouse On Beach East Cable 1902 and Assateague Beach Life Saving Station 1902, Map 11664, have been destroyed. Stations INLET 1934 and Fishing Point Light 1935, Map 11663, have been destroyed.
Item 3, Horizontal Control Cont'd.

A station will be established in the vicinity of Lonesome House East Chimney 1902 by Photo. Party 723 in performing the field work for Project Ph-6103. This position and identification will be made available to the office for use on Project Ph-5907.

The following stations were reported lost:

<table>
<thead>
<tr>
<th>Station</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>11662</td>
<td>EASY RM NO.1 1949</td>
</tr>
<tr>
<td>11663</td>
<td>INLET 1934</td>
</tr>
<tr>
<td>WHITE (V.F.C.) 1933</td>
<td>QUEEN (V.F.C.) 1933</td>
</tr>
<tr>
<td>ISLE HOLE (V.F.C.) 1933</td>
<td>WALL 1934</td>
</tr>
<tr>
<td></td>
<td>Fishing Point Light 1933</td>
</tr>
</tbody>
</table>

11664
Assateague Beach Life Saving Station 1902
Assateague Boathouse On Beach East Cable 1902
10867
none

4. Vertical Control.

Thirteen tidal bench marks of this bureau were searched for and four were recovered.

5. Contours and Drainage.

Contours are inapplicable.

Drainage along the mainland has been indicated on the photographs. All other drainage is either tidal or runoff. The tidal streams are visible on the photographs.

6. Woodland Cover.

Woodland cover was inspected and has been classified on the photographs.

7. Shoreline and Alongshore Features.

The mean high water line along the ocean was located by measurement from identifiable photo. points. The mean high waterline along the waterfront at Chincoteague was located by inspection.

The apparent shoreline was located by inspection. All of the shoreline has been indicated on the photographs.

The low water line was not inspected or indicated.

The foreshore along the ocean is sand.

There are no bluffs or cliffs.

All docks, wharves, piers or landings have been indicated on the photographs.

Shore ends of submarine cables have been indicated on the photographs.
8. **Offshore Features.**

Offshore features consist of the shoal and mud flat areas, at low water, the aids to navigation and numerous small stakes which mark the limits of planted oyster beds. The shoal and mud flat areas are adequately covered by notes on the photographs. The aids to navigation are covered by Form 567. The small stakes and brush used as stakes are too numerous to located individually. These stakes are located along the southeast side of Chincoteague Channel, Map 11663, and in the shallow areas of Assateague Cove, Maps 11663 and 11664. There is also a staggered line of piling which more or less marks the offshore perimeter of the brush and stakes. These piling were located by sextant and all of the area inshore from the piling is to be labeled foul on the maps. Most of Assateague Cove is in the same category. The only clear area is along the southerly side, which is the channel to the Coast Guard Station. Notes have been made on some of the photographs.

Two wrecks charted in Maps 11663 and 11664, charts 1220 and 1221, were investigated and neither is in place, above water, at the date of field inspection. The approximate locations of the wrecks are Lat. 37 54.9, Long. 75 24.3 and Lat. 37 54.0, Long. 75 19.7.

9. **Landmarks and Aids.**

Landmarks for nautical charts and fixed aids to navigation are adequately covered by Form 567.

10. **Boundaries, Monuments and Lines.**

See Item 10, Field Inspection Report submitted with Map 11661.

11. **Other Control.**

The following recoverable topographic stations were identified for location by the plot:

- 11662 Center Small, White Cottage
- 11663 Chimney on Cabin, on Piles
- 11664 Cupola on Building
- 10887 CHY on south end lone house
- 10887 CHY on house on piles
- 10887 Down 1961
- 10887 John 1961
- 10887 Rock 1961
- 11663 3 Pile Structure
- 11663 Center of Platform
- 11663 Center of Cabin
- 11663 Floodlight atop Building
- 11663 Silo
- 11663 Tower
- 11663 Tower
- 11663 Best 1961 and Bone 1961
12. Other Interior Features.
   All roads were inspected and have been classified in accordance with Photogrammetry Instruction No. 54.
   Buildings were inspected and have been indicated in accordance with Photogrammetry Instruction No. 56.
   Measurement of bridges and cables over navigable water was not required.
   A part of Chincoteague Naval Air Station is located in Map 11662. This base is no longer in use by the navy. It is now used by the National Aeronautics and Space Agency. The only flights to or from the airport are in connection with the functions of this agency. A print showing the limits of the reservation is enclosed.

   A systematic investigation of names was not required.
   There are no new names recommended for mapping.

14. Special Reports and Supplemental Data.
   Print showing limits of Chincoteague Naval Air Station, submitted with this data.
   Letter of Transmittal, submitted with this data.

Submitted,

William M. Reynolds
Sub-unit Photo. Party 720
30 November 1961

TO : Chief, Division of Photogrammetry
     Coast and Geodetic Survey
     Department of Commerce Building
     Washington 25, D.C.

SUBJECT : Coast Pilot Report, Project Ph-5907

      United States Coast Pilot 3, Atlantic Coast, Sandy Hook To Cape Henry was checked during the field inspection for this project. There are no visible corrections to be applied.

Submitted,

William W. Reynolds
Sub-unit Photo. Party 720

cc Included with Field Inspection Report Map 11662
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR y-COORDINATE</th>
<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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<tr>
<td>Coast Guard S. (New Tower) 1957</td>
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</table>
COMPILATION REPORT
T-11662

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-11680

31. Delineation

The graphic method was used.
The manuscript was delineated from both 9 lens and single lens photography. The outer shoreline in the vicinity of Chincoteague Inlet was delineated from 1962 single lens photographs 62-W-3844 and 62-W-3845 using office stereoscopic interpretation; with reference being made to the 1961 field inspection on 9 lens photographs 60497, 60498, 60499 and 60384. The shorelines of inshore areas were delineated entirely from the nine lens photography.
Field inspection was adequate.

32. Control

The location of aids listed under Item 3 failed to meet third-order requirements. See our letter dated December 13, 1961 and letter from Chief, Photogrammetry Division, 631/H/1rw dated Jan. 9, 1962 which are a part of this report.
See Photogrammetric Plot Report.

33. Supplemental Data

None used.

34. Contours and Drainage

Contours are inapplicable.
The drainage consists chiefly of numerous marsh streams and has been delineated as shown on the photographs.

35. Shoreline and Alongshore Details

The inspection was adequate.
Most of the shoal lines and low-water lines were delineated from office interpretation of the photographs.

36. Offshore Details

Numerous oyster beds were indicated by the field inspection in Watts, Powell and Bogues Bay. These have been delineated "approximately".
37. LANDMARKS AND AIDS

Forms 567 for landmarks were submitted under the date of May 29, 1962. Form 567 for fixed aids to navigation was submitted under the date of May 29, 1962 and an additional form is submitted with this report.

38. CONTROL FOR FUTURE SURVEYS

Center small white cottage and a pier identified on F.P. 60496 were omitted on the complete manuscript for hydro support. Since the field editor did not indicate these features on the field edit sheet it is believed they are no longer in place.

SE GABLE submitted with T-11667 falls within the limits of this manuscript, however it was destroyed by the storm of March 1962.

See Item 49 for one(1) topographic station.

Numbered detail and pass points on the rough manuscript were used for the Kelsh compilation of RS 775 (1:20,000).

39. JUNCTIONS

Satisfactory junctions have been made with T-11667 on the south and T-11663 on the east. There is no contemporary survey on the west or north. A satisfactory junction has also been made with RS 775 scale 1:20,000

40. HORIZONTAL AND VERTICAL ACCURACY

No comment required.
46. **COMPARISON WITH EXISTING MAPS**

A comparison has been made with AMS quadrangle CHINCOTEAGUE WEST, scale 1:25,000, originally compiled from aerial photographs in 1943, revised in 1946. Generally the shoreline compares favorably. The most outstanding discrepancies noted are as follows:

A canal has been dredged along the eastern side of Walker Marsh Island.

A large boat slip has been constructed at Wishart Point in Bogues Bay.

In Powells Bay the peninsula on the west shoreline where primary control point WHITE was established has been filled and rounded into a larger land area.

47. **COMPARISON WITH NAUTICAL CHARTS**

Comparison has been made with Chart No. 1221, scale 1:80,000, 9th edition, revised to March 12, 1962. Comparison was favorable.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY**

None.

**ITEMS TO BE CARRIED FORWARD**

None.

Ralph Sobieralski
Carto Photo Aid

APPROVED AND FORWARDED: 21 JAN 1963

V. Ralph Sobieralski
Tampa District Officer
Tampa District Officer

Chief, Photogrammetry Division

January 9, 1962

Location of Aids to Navigation in T-11662 and T-11663, Project PH-5907

In reply to your letter of December 13, 1961, Geodesy Division has reviewed the field survey records pertaining to the location of aids in the subject area, and finds that the computed positions for the aids from the available observations do not meet third-order accuracy requirements. The aids, therefore, shall be treated as topographic stations located by ground survey methods in accordance with paragraph 10.02 of the project instructions, dated October 20, 1959.

The field survey records will be marked as Topo and returned to your office.

L. W. Swanson
Chief, Photogrammetry Division
Dec. 13, 1961

Tampa District Office

Triangulation in Ph-5907, Virginia

Field data received for maps T-11662 and T-11663 included observations, unchecked computations, and the duplicate copy of form 525b for:

Chincoteague to Nantoskin Bay Light 3
  "  "  " Light 1
  "     Channel Daybeacon 7a
  "     Channel Light 5
  "     Channel Light 8
  "     Channel Light 10

The side checks of the triangle computations fail to meet third-order accuracy requirements. It is possible that the position of Chincoteague Water Tank 1933, used as an initial may be at fault.

The original records and computations are being forwarded under separate cover. It is requested that this office be furnished the positions as finally computed by the Geodesy Division and be informed whether the stations are third-order or less.

V. Ralph Sobiersalski
Tampa District Officer

ME3/o

cc: Photo Party 720
June 20, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11662

Big Simoneaston Creek
Cedar Creek
Cockle Creek
Jenneys Gut
Kendall Narrows
Little Simoneaston creek
Lower Simoneaston Thorofare
Oyster Gut
Shelly Bay Marsh
Simoneaston Bay
Upper Simoneaston Thorofare
Walker Marsh
Wallops Neck

Approved:  
A. J. Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:  
Frank W. Picksett
Cartographic Technician
T-11652

49. NOTES FOR THE HYDROGRAPHER

The following is a topographic station which may be of use to the hydrographer:

CHIMNEY 1961 (House on piles)
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<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>WHS</td>
<td>WHS</td>
<td>unclassified</td>
<td>WHS</td>
</tr>
</tbody>
</table>

### Control Stations
- 5. Horizontal Control Stations of Third-Order or Higher Accuracy: RRW
- 6. Recoverable Horizontal Stations of Less Than Third-Order Accuracy (Topographic Stations): RRW
- 7. Photo Hydro Stations: XX
- 8. Bench Marks: RRW
- 9. Plotting of Sextant Fixes: XX
- 10. Photogrammetric Plot Report: RRW
- 11. Detail Points: RRW

### Alongshore Areas
(Nautical Chart Data)
- 12. Shoreline: RRW
- 13. Low Water Line: RRW
- 14. Rocks, Shoals, Etc.: RRW
- 15. Bridges: XX
- 16. Aids to Navigation: RRW
- 17. Landmarks: RRW
- 18. Other Alongshore Physical Features: RRW
- 19. Other Alongshore Cultural Features: RRW

### Physical Features
- 20. Water Features: RRW
- 21. Natural Ground Cover: RRW
- 22. Planetary Contours: XX
- 23. Stereoscopic Instrument Contours: XX
- 24. Contours in General: XX
- 25. Spot Elevations: XX
- 26. Other Physical Features: RRW

### Cultural Features
- 27. Roads: RRW
- 29. Railroads: XX
- 30. Other Cultural Features: RRW

### Boundaries
- 31. Boundary Lines: XX
- 32. Public Land Lines: XX

### Miscellaneous
- 33. Geographic Names: RRW
- 34. Juncions: RRW
- 35. Legibility of the Manuscript: RRW
- 36. Discrepancy Overlay: XX
- 37. Descriptive Report: RRW
- 38. Field Inspection Photographs: RRW
- 39. Forms: RRW

### Signature of Compiler
Robert E. Wagner

### Signature of Supervisor
Milton M. Slavney

40. Field Completion: Additions and Corrections to the Manuscript. Additions and corrections finished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.
FIELD EDIT REPORT

The field edit was done by Wm. M. Reynolds in August 1962. The few minor revisions were indicated on the Field Edit ozalid "Discrepancy Print".

No Field Edit Report has been received.
TO BE CHARTED 
TO BE REMOVED 
STRIKE OUT TWO 
T:nil

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by

William B. Linnaker

for Joseph K. Wilson

Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<th>Virginia</th>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE °</th>
<th>LONGITUDE °</th>
<th>LATITUDE ′</th>
<th>LONGITUDE ′</th>
<th>LATITUDE ′′</th>
<th>LONGITUDE ′′</th>
<th>DATUM</th>
<th>METHOD OF LOCATION AND SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>TANK</td>
<td>37 55</td>
<td>(Chincoteague Water Tank 1955)</td>
<td>58.047</td>
<td>40.307</td>
<td>NA</td>
<td>Trl. 1933</td>
<td>1220</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOWER</td>
<td>37 51</td>
<td>(Assateague Beach Coast Guard Lookout Tower No. 150 1959)</td>
<td>151.090</td>
<td>75 22</td>
<td>162.4</td>
<td>&quot;</td>
<td>&quot;</td>
<td>11669 11-6-61</td>
<td>x</td>
<td>1221</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOWER</td>
<td>37 52</td>
<td>(Wallops Beach Coast Guard New Tower 1957)</td>
<td>04.336</td>
<td>32.690</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>1937</td>
<td>&quot;</td>
<td>&quot;</td>
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<tr>
<td>TANK</td>
<td>37 50</td>
<td>(Wallops Island NASA Water Tank 1949)</td>
<td>32.190</td>
<td>43.826</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>11667 11-6-61</td>
<td>&quot;</td>
<td>1221</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>RADIO</td>
<td>37 50.2</td>
<td>Wallops Island NASA Radio Tower skeleton steel 256 ft. high (264)</td>
<td>75.29</td>
<td>72.2</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>11667 11-6-61</td>
<td>&quot;</td>
<td>&quot;</td>
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<td></td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 809 to 804. Positions of charted landmarks and non-floating aids to navigation, if determined, shall be reported on this form. Revisions shall show both the old and new positions. 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.
<table>
<thead>
<tr>
<th>STATE</th>
<th>VIRGINIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>TOWER</td>
<td>ht= 70 ft. (78) (Wallops Beach Navy Lookout Tower 1959) **</td>
</tr>
<tr>
<td>TOWER</td>
<td>ht= 256 ft. (261) NASA Radio skeleton steel</td>
</tr>
<tr>
<td>TANK</td>
<td>ht 110 ft. (115) (Wallops Island N.A.O.A. Water Tank 1949)</td>
</tr>
<tr>
<td>TANK</td>
<td>ht 116 ft. (119) Elev.Steel (Chincoteague Water Tank 1933)</td>
</tr>
<tr>
<td>TOWER</td>
<td>Lookout Tower Assateague Beach Ch. No 150</td>
</tr>
</tbody>
</table>

* Also falls in RS 775

** The same as Wallops Beach Coast Guard 3 New Tower 1937 and Base 1949

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if determined, shall be reported on this form. Revisions shall show both the old and new positions. 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.
# Nonfloating Aids or Landmarks for Charts

I recommend that the following objects which have (have been) inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by [Signature].

V. Ralph Sobieralski  
Chief of Party

## Virginia

<table>
<thead>
<tr>
<th>Charting Name</th>
<th>Description</th>
<th>Signal Name</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Datum</th>
<th>Method of Location and Survey No.</th>
<th>Date of Location</th>
<th>Reference Chart</th>
<th>Charts Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chincoteague Inlet</td>
<td>Chincoteague Bay</td>
<td>&quot;Light 12&quot;</td>
<td>37 58' 35.42&quot; N</td>
<td>75 22' 01.01&quot; W</td>
<td>M.A.</td>
<td>T-11660</td>
<td>Aug. 1st</td>
<td>1861</td>
<td>&quot; &quot;</td>
</tr>
<tr>
<td>Chincoteague Bay</td>
<td>&quot;Daybn 11&quot;</td>
<td>37 57' 32.88&quot; N</td>
<td>75 22' 13.85&quot; W</td>
<td>M.A.</td>
<td>T-11660</td>
<td>Oct. 31</td>
<td>1961</td>
<td>&quot; &quot;</td>
<td></td>
</tr>
<tr>
<td>Chincoteague Bay</td>
<td>&quot;Light 1&quot;</td>
<td>38 00' 00.62&quot; N</td>
<td>75 23' 03.89&quot; W</td>
<td>M.A.</td>
<td>T-11660</td>
<td>&quot; &quot;</td>
<td>1961</td>
<td>&quot; &quot;</td>
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<tr>
<td>Virginia Inside Passage</td>
<td>Chincoteague Inlet to Mattawin Bay</td>
<td>&quot;Light 1&quot;</td>
<td>37 53' 13.69&quot; N</td>
<td>75 25' 50.91&quot; W</td>
<td>Throed.</td>
<td>T-11661</td>
<td>Oct. 31</td>
<td>1961</td>
<td>&quot; &quot;</td>
</tr>
<tr>
<td>Mattawin Bay</td>
<td>Wallops Island Approach</td>
<td>&quot;Daybn 1&quot;</td>
<td>37 53' 22.15&quot; N</td>
<td>75 27' 21.00&quot; W</td>
<td>M.A.</td>
<td>T-11660</td>
<td>&quot; &quot;</td>
<td>1961</td>
<td>&quot; &quot;</td>
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<tr>
<td>Mattawin Bay</td>
<td>Wallops Island Approach</td>
<td>&quot;Daybn 4&quot;</td>
<td>37 53' 66.20&quot; N</td>
<td>75 27' 18.33&quot; W</td>
<td>M.A.</td>
<td>T-11660</td>
<td>&quot; &quot;</td>
<td>1961</td>
<td>&quot; &quot;</td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if re-determined, shall be reported on this form. Revisions shall show both the old and new positions. 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.

*Also falls in RS 775*
## Nonfloating Aids or Landmarks for Charts

**Accomac, Virginia**

6 Nov. 1961

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by

For Joseph K. Wilson
Chief of Party.

<table>
<thead>
<tr>
<th>State</th>
<th>Virginia</th>
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</thead>
<tbody>
<tr>
<td>Charting Name</td>
<td>Description</td>
</tr>
<tr>
<td>Chincoteague Inlet To Metomkin Bay Daybeacon 19</td>
<td></td>
</tr>
<tr>
<td>Chincoteague Inlet To Metomkin Bay Daybeacon 17</td>
<td></td>
</tr>
<tr>
<td>Chincoteague Inlet To Metomkin Bay Daybeacon 15</td>
<td></td>
</tr>
<tr>
<td>Chincoteague Inlet To Metomkin Bay Daybeacon 14</td>
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</tr>
<tr>
<td>Chincoteague Inlet To Metomkin Bay Daybeacon 12</td>
<td></td>
</tr>
<tr>
<td>Chincoteague Inlet To Metomkin Bay Daybeacon 11</td>
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<tr>
<td>Chincoteague Inlet To Metomkin Bay Daybeacon 9</td>
<td></td>
</tr>
<tr>
<td>Chincoteague Inlet To Metomkin Bay Daybeacon 7</td>
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<tr>
<td>Chincoteague Inlet To Metomkin Bay Light 5</td>
<td></td>
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<tr>
<td>Wallops Island Approach Daybeacon 2</td>
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</tr>
<tr>
<td>Wallops Island Approach Daybeacon 4</td>
<td></td>
</tr>
<tr>
<td>(Chincoteague Inlet To Metomkin Bay Light 3 1961)</td>
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<tr>
<td>(Chincoteague Inlet To Metomkin Bay Light 1 1961)</td>
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</tr>
<tr>
<td>(Chincoteague Channel Light 5 1961)</td>
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</tr>
</tbody>
</table>

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# NONFLOATING AIDS OR LANDMARKS FOR CHARTS

**Tampa District Office**
May 29, 1962

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by the Chief of Party.

M. M. Slavney

V. Ralph Sobierski

<table>
<thead>
<tr>
<th>STATE</th>
<th>VIRGINIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td><strong>LIGHT 3</strong></td>
<td>VIRGINIA INSIDE PASSAGE</td>
</tr>
<tr>
<td><strong>DAYBN 7</strong></td>
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</tr>
<tr>
<td><strong>DAYBN 9</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DAYBN 11</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DAYBN 12</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DAYBN 14</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DAYBN 15</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DAYBN 17</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DAYBN 19</strong></td>
<td>Not listed by field inspector referred to field editor for investigation</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>POSITION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DATUM</th>
<th>METHOD OF LOCATION AND SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
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<tbody>
<tr>
<td><strong>LIGHT 3</strong></td>
<td>37°53'</td>
<td>75°26'</td>
<td>1927</td>
<td>T-11662</td>
<td>10/10/61</td>
<td>X</td>
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<tr>
<td><strong>DAYBN 7</strong></td>
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<tr>
<td><strong>DAYBN 9</strong></td>
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<tr>
<td><strong>DAYBN 11</strong></td>
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<tr>
<td><strong>DAYBN 12</strong></td>
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<td><strong>DAYBN 14</strong></td>
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<tr>
<td><strong>DAYBN 15</strong></td>
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<tr>
<td><strong>DAYBN 17</strong></td>
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<tr>
<td><strong>DAYBN 19</strong></td>
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</tr>
</tbody>
</table>

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USCOHAD-C 87120
I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by

R. R. Wagner

V. Ralph Zobierski

Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<th>VIRGINIA</th>
<th>POSITION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>SIGNAL NAME</th>
<th>METHOD OF LOCATION AND SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>VIRGINIA INSIDE PASSAGE</td>
<td>LATITUDE</td>
<td>°</td>
<td>'</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>LT 3A</td>
<td>CHINCOTEAGUE INLET TO MOTOMIN BAY</td>
<td>37 53 923</td>
<td>75 26 1329 7</td>
<td>54 40 0</td>
<td>N.A.</td>
<td>Theod</td>
<td>1-11662</td>
<td>10/10/61 x</td>
</tr>
</tbody>
</table>

Note: This light was submitted as LIGHT 3 under the date of May 29, 1962

Beacon 5-B see L-11661 & Notice to Mariners 29/62

Correction 34 for Changes added May 6, 1963
REVIEW REPORT T-11662
SHORELINE
JUNE 9, 1972

61. GENERAL STATEMENT

See summary on page 6 of this Descriptive Report.

An ozalid comparison print, showing differences noted in Items 62 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A comparison was made with Survey T-8158, scale 1:20,000, dated 1943. Shoreline differences between this survey and T-11662 were shown in blue on the comparison print.

Differences in shoreline were attributed to storm action and improvement in mapping techniques.

This map supersedes previous topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with AMS SHEET 5959 IV NW, CHINCOTEAGUE WEST, VIRGINIA, scale 1:25,000, printed in 1949. This map is a copy of Coast and Geodetic Survey Map T-8158; therefore, differences are the same as noted in Item 62.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with a copy of the boat sheet for Survey H-8764, scale 1:20,000, dated 1962. The comparison was limited to an area in the southeast quarter of T-11662. No significant differences in shoreline were noted. There were no offshore details for comparison.

65. COMPARISON WITH NAUTICAL CHARTS

A visual comparison was made with chart 1221, scale 1:80,000, 16th edition, dated 11 September 1971. No significant differences in shoreline were noted.
65. (Cont'd)

All charted aids to navigation have different names and numbers than aids mapped on T-11662. The charted positions of Virginia Inside Passage Light 7 and Daybeacon 9 appear to be in the same locations as Chincoteague Inlet to Metomkin Bay Light 5 and Daybeacon 7, respectively on T-11662. Virginia Inside Passage Light 4 and Daybeacon 6 appear to be in different locations than aids mapped on T-11662.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

The Photogrammetric Plot Report, which usually states the accuracy of control used in the plot, was not available for final review. No accuracy statement was made in the Compilation Report. No accuracy test was run in the field. However, there is no reason to believe that accuracy is sub-standard. It is believed that this map is adequate for photo-hydro support and construction of nautical charts.

Reviewed by:

Charles N. Bishop
Charles H. Bishop
Cartographé
June 9, 1972
Approved for Forwarding:

Melvin J. Umbach, CDR, NOAA
Chief, Coastal Mapping Division
AMC

Approved:

Alfred C. Holmes,
RADM, NOAA
Director, Atlantic Marine Center

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division
COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW
COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW