**FORM 504**

**U. S. DEPARTMENT OF COMMERCE**

**COAST AND GEODETIC SURVEY**

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>SHORELINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>T-11663</td>
</tr>
<tr>
<td>Office No.</td>
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</table>

<table>
<thead>
<tr>
<th>LOCALITY</th>
</tr>
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<tbody>
<tr>
<td>State</td>
</tr>
<tr>
<td>General locality</td>
</tr>
<tr>
<td>Locality</td>
</tr>
</tbody>
</table>

**1958-62**

**CHIEF OF PARTY**

Joseph K. Wilson, Chief of Field Party

V. Ralph Sobieralski, Tampa District Office

Alfred C. Holmes, Director, A. M. C.

**LIBRARY & ARCHIVES**

**DATE**

**JUL 1975**
DESCRIPTIVE REPORT - DATA RECORD
T - 11663

PROJECT NO. (III): PH-5907

FIELD OFFICE (III): Accomac, Va.

CHIEF OF PARTY: Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III): Tampa, Fla.

OFFICER-IN-CHARGE: V. Ralph Sobiersalski

INSTRUCTIONS DATED (III) (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: UNREGISTERED (IV):

GEOMETRIC DATUM (III):
N. A. 1927

REFERENCE STATION (III):
WILLIS (V.F.C.) 1933

LAT.: \[ 37°54' 16.995" (524.0 m.) \]
LONG.: \[ 75°26' 10.917" (266.7 m.) \]

PLANE COORDINATES (IV):
\[ y = 586,473.55 \text{ Ft.} \quad x = 2,883,826.6 \text{ Ft.} \]

STATE: Virginia
ZONE: South

VERTICAL DATUM (III): MHW

EXCEPT AS FOLLOWS:
Elevations shown as (M) refer to mean high water
Elevations shown as (L) refer to sounding datum
i.e., mean low water or mean lower low water

ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (III) 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  
**DATE:** November 1961

**MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):**  
Air Photo Compilation  
**Date of photography:** October 13, 1959 (9’ lens)  
April 28, 1962 (S.L.)  
**MHWL of Assateague Island in vicinity of latitude 37°52′5, from sextant fixes and shoreline distances of May 7, 1962**

**PROJECTION AND GRIDS RULED BY (IV):**  
A. R. (W.O.)  
**DATE:** April 1962

**PROJECTION AND GRIDS CHECKED BY (IV):**  
A. R. (W.O.)  
**DATE:** April 1962

**CONTROL PLOTTED BY (III):**  
R. D. Purvis  
**DATE:** Sept. 1962

**CONTROL CHECKED BY (III):**  
R. J. Pate  
**DATE:** Sept. 1962

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

**STEREOSCOPIC INSTRUMENT COMPILATION (III):**  
**PLANIMETRY**  
Inapplicable

**CONTOURS**  
**DATE**

**MANUSCRIPT DELINEATED BY (III):**  
R. J. Pate  
**Reviewed by:** W. H. Shearouse  
**DATE:** Oct. 1962 Dec. 1962

**SCRIBING BY (III):**  
R. Dossett  
**Reviewed by:** R. H. Wagner  
**DATE:** Dec. 1962 Dec. 1962

**PHOTOGRAHMETRIC OFFICE REVIEW BY (III):**  
R. R. Wagner  
**DATE:** Feb. 1963

**REMARKS:**
**DESCRIPTIVE REPORT - DATA RECORD**

**Camera (Kind or Source) (iii):** C&GS Nine-lens

**Wild - W**

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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<tbody>
<tr>
<td>60371</td>
<td>10-13-59</td>
<td>0915</td>
<td>1:10,000</td>
<td>0.3 ft above MLW</td>
</tr>
<tr>
<td>60381</td>
<td></td>
<td>0925</td>
<td></td>
<td>0.3</td>
</tr>
<tr>
<td>60382</td>
<td></td>
<td>0925</td>
<td></td>
<td>0.3</td>
</tr>
<tr>
<td>60383</td>
<td></td>
<td>0926</td>
<td></td>
<td>0.3</td>
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<tr>
<td>62W-3773</td>
<td>4-28-62</td>
<td>1025</td>
<td>1:20,000</td>
<td>0.5</td>
</tr>
<tr>
<td>62W-3845</td>
<td></td>
<td></td>
<td>(approximate)</td>
<td>0.5</td>
</tr>
<tr>
<td>62W-3846</td>
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<td></td>
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<tr>
<td>62W-3847</td>
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<td>0.5</td>
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**Predicted Tide (iii):**

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<tr>
<th>Reference Station:</th>
<th>Sandy Hook</th>
<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
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</thead>
<tbody>
<tr>
<td>Bogues Bay, Chincoteague Inlet</td>
<td>HW -1.6</td>
<td>4.6</td>
<td>5.6</td>
<td></td>
</tr>
<tr>
<td>LW  0.0</td>
<td>3.0</td>
<td>3.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chincoteague Point</td>
<td>0.57</td>
<td>2.6</td>
<td>3.1</td>
<td></td>
</tr>
</tbody>
</table>

**Atlantic Marine Center**

**Review by (iv):** C. H. Bishop

**Date:** 14 June 1972

**Proof Edit by (iv):**

**Date:**

**Number of Triangulation Stations Searched For (iii):** 7

**Recovered:** 3

**Identified:** 3

**Number of BM(s) Searched For (iii):** 7

**Recovered:** 0

**Identified:** 0

**Number of Recoverable Photo Stations Established (iii):** 7

**Number of Temporary Photo Hydro Stations Established (iii):** None

**Remarks:**

2 triangulation stations were established. No descriptions were furnished the Tampa office.
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>Manuscript complete</td>
<td>December 1962</td>
<td></td>
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<tr>
<td>Final Review</td>
<td>June 1972</td>
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SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-11663

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 photography 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 June 1962. No field edit ozalid, photographs, or report were available at the time of final review.

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.
FIELD INSPECTION REPORT
MAPS 11662-11663-11664 and 10887
PROJECT PH-5907

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, 60433 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 1933, 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:

11662 11663
EASY RM NO. 1 1949 INLET 1934
WHITE (V.F.C.) 1933 QUEEN (V.F.C.) 1933
ISLE HOLE (V.F.C.) 1933 WALL 1934

Fishing Point Light 1933

11664
Assateague Beach Life Saving Station 1902
Assateague Boathouse On Beach East Cable 1902
10987
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 54.8, 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.


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:

<table>
<thead>
<tr>
<th>Station</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11662</td>
<td>Center Small White Cottage</td>
</tr>
<tr>
<td>11664</td>
<td>Chimney on Cabin, on Piles</td>
</tr>
<tr>
<td>11663</td>
<td>Cupola on Building</td>
</tr>
<tr>
<td></td>
<td>CHY on south end lone house</td>
</tr>
<tr>
<td></td>
<td>CHY on house on piles</td>
</tr>
<tr>
<td></td>
<td>Down 1961</td>
</tr>
<tr>
<td></td>
<td>John 1961</td>
</tr>
<tr>
<td></td>
<td>Rock 1961</td>
</tr>
<tr>
<td>3 Pile Structure</td>
<td>Center of Platform</td>
</tr>
<tr>
<td>Floodlight atop Building</td>
<td>Center of Cabin</td>
</tr>
<tr>
<td>Silo</td>
<td>Tower</td>
</tr>
<tr>
<td>Tower</td>
<td>10887</td>
</tr>
<tr>
<td>Best 1961 and Bone 1961</td>
<td></td>
</tr>
</tbody>
</table>
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
William M. Reynolds
Sub-unit Photo, Party 720
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION</th>
<th>DATUM</th>
<th>LATITUDE OR y-COORDINATE</th>
<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>FBI</th>
<th>B.F.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Queen 1959</td>
<td>Vol II 1927</td>
<td>621</td>
<td>597,740.67</td>
<td>2,927,895.71</td>
<td>18; 2191.7</td>
<td>88; 0252.4</td>
<td></td>
</tr>
<tr>
<td>Willis (WG) 1933</td>
<td>PC 194</td>
<td></td>
<td>566,478.55</td>
<td>2,863,824.46</td>
<td>17; 8757.5</td>
<td>97; 8992.0</td>
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<tr>
<td>Chincoteague</td>
<td>PC 194</td>
<td></td>
<td>367,242.46</td>
<td>2,900,359.91</td>
<td>18; 2039.9</td>
<td>88; 4031.4</td>
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<tr>
<td>Water Tank 1939</td>
<td>184</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Inlet 1934</td>
<td>PC 195</td>
<td></td>
<td>393,124.69</td>
<td>3,779,123.05</td>
<td>17; 7730.8</td>
<td>88; 3257.5</td>
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<tr>
<td>Wall 1933</td>
<td>PC 195</td>
<td></td>
<td>376,838.04</td>
<td>2,885,682.94</td>
<td>17; 5820.6</td>
<td>87; 9557.9</td>
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<tr>
<td>Assat 1962</td>
<td>Field Comp</td>
<td></td>
<td>37 52 34.780</td>
<td>75 23 20.165</td>
<td>1072.3 (777.6)</td>
<td>492.8 (473.4)</td>
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</tr>
<tr>
<td>Chin 2 1962</td>
<td></td>
<td></td>
<td>37 53 51.920</td>
<td>75 25 05.769</td>
<td>1602.6 (247.3)</td>
<td>141.0 (133.9)</td>
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</tr>
<tr>
<td>Teague, 1962</td>
<td></td>
<td></td>
<td>37 55 03.175</td>
<td>75 23 58.613</td>
<td>97.9 (1752.0)</td>
<td>1431.7 (33.9)</td>
<td></td>
</tr>
</tbody>
</table>
COMPILATION REPORT T-11663

PHOTOGRAHMETRIC PLOT REPORT

Submitted with T-11680.

31. **DELINEATION**

Graphic method was used.

Field inspection was adequately done in November 1961 on 1959 nine-lens photographs, but the March 7-9 storm made drastic changes in much of the shoreline facing Assateague Cove, Chincoteague Inlet, and some changes in the Chincoteague Island side of Chincoteague Channel. These areas were delineated from field inspection in May 1962 on April 1962 single-lens photographs and field edit in June 1962 for R.S. 775 (1:20,000 scale). The interior details were checked with office interpretation of the single-lens April 1962 photographs.

32. **CONTROL**

See photogrammetric plot report.

33. **SUPPLEMENTAL DATA**

None.

34. **CONTOURS AND DRAINAGE**

Contours are inapplicable. Drainage consists chiefly of marsh streams and have been delineated as shown on the photographs.

35. **SHORELINE AND ALONGSHORE DETAILS**

See item 31.

36. **OFFSHORE DETAILS**

Numerous oyster beds were indicated on the field prints and have been delineated with the approximate low-water line.

*This edit information was never applied to R.S. 775; applied instead to T-11663 and other 1:10,000 scale surveys covering the area.*
37. LANDMARKS AND AIDS


38. CONTROL FOR FUTURE SURVEYS

Seven topographic stations were established. None are marked and no forms 52 4 are submitted. All are listed under item 49.

39. JUNCTIONS

A satisfactory junction has been made with T-1162 on the west, T-1160 north, T-1166 4 east and T-11668 south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with AMS quadrangle CHINCOTEAGUE WEST, scale 1:25,000, compiled in 1943, revised in 1946.

The changes are due to time and storm of March 1962.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with chart 1220, scale 1:60,000, Ed. Sept. 1961.

Due to the small scale an accurate comparison could not be made, and excepting the areas mentioned in item 31 the comparison is favorable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.
ITEMS TO BE CARRIED FORWARD

None.

Russell J. Pate
Carto Photo Aid

APPROVED AND FORWARDED 26 MAR 1963

V. Ralph Sobieralski
Tampa District Officer
June 22, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11663

Andrew Landing Gut
Assateague Island
Assateague Channel
Assateague Point
Birch Town
Black Duck Marsh
Black Narrows
Black Narrows Marsh
Black Point
Black Point Drain
Black Point Landing
Chincoteague
Chincoteague Channel
Chincoteague Inlet
Chincoteague Island
Chincoteague National Wildlife Refuge
Chincoteague Point
Cockle Creek
Cow Gut Flat
Doghead Flats
Fishing Point
Fouling Gut

Gunboat Point
Hammock Point
Horse Marsh
Mosquito Creek
Mud Bay
Mud Bay Gut
Queen Sound Channel
Shelby Bay
Shelly Bay Marsh
Shoaling Point
Shooting Point
Smalley Drain
Squirrel Creek
The Canal
Toms Cove
Wallops Island
Willis Creek
Willis Marsh
Willis Point
Wire Narrows
Wire Narrows Marsh

Approved:

A. Joseph Wright
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician
49. **NOTES FOR THE HYDROGRAPHER**

The following unmarked photo stations may be useful to the hydrographer:

- TOWER 1961 n.d.
- TOWER 1961 n.d.
- 3 FILING 1962 n.d.
- PLATFORM 1961 n.d.
- CABIN, 1961 n.d.
- SILO, 1961 n.d.
- FLOODLIGHT ATOP BUILDING, 1961 n.d.
<table>
<thead>
<tr>
<th>CONTROL STATIONS</th>
<th>PHOTO HYDRO STATIONS</th>
<th>BENCH MARKS</th>
<th>PLOTTING OF SEXTANT FIXES</th>
<th>PHOTOGRAMMETRIC PLOT REPORT</th>
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<tr>
<td>XX</td>
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<td>RRW</td>
<td>NRS</td>
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<table>
<thead>
<tr>
<th>ALONGSHORE AREAS</th>
<th>SHORELINE</th>
<th>LOW-WATER LINE</th>
<th>ROCKS, SHOALS, ETC.</th>
<th>BRIDGES</th>
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<td>RRW</td>
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<table>
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<th>PHYSICAL FEATURES</th>
<th>WATER FEATURES</th>
<th>NATURAL GROUND COVER</th>
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<table>
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<th>CULTURAL FEATURES</th>
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<th>BUILDINGS</th>
<th>RAILROADS</th>
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<th>BOUNDARIES</th>
<th>BOUNDARY LINES</th>
<th>PUBLIC LAND LINES</th>
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<table>
<thead>
<tr>
<th>MISCELLANEOUS</th>
<th>GEOFGRAPHIC NAMES</th>
<th>JUNCTIONS</th>
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<td>RRW</td>
<td>RRW</td>
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<table>
<thead>
<tr>
<th>FIELD INSPECTION PHOTOGRAPHS</th>
<th>LEGIBILITY OF THE MANUSCRIPT</th>
<th>DISCREPANCY OVERLAY</th>
<th>DESCRIPTIVE REPORT</th>
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<tbody>
<tr>
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<td>EEW</td>
<td>XX</td>
<td>RRW</td>
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</tbody>
</table>

**Note:** Additions and corrections furnished 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 Mr. W. M. Reynolds in June 1962 on R. S. 775, scale 1:20,000

No Field Edit Report has been received.
TO BE CHARTED

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

<table>
<thead>
<tr>
<th>STATE</th>
<th>Virginia</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>TANK</td>
<td>Chincoteague Water Tank 1933</td>
</tr>
<tr>
<td>TANK</td>
<td>Assateague Beach Coast Guard 116 ft. high (119)</td>
</tr>
<tr>
<td>TOWER</td>
<td>Lookout Tower No. 150 1959</td>
</tr>
<tr>
<td>TOWER</td>
<td>Wallops Beach Coast Guard 55</td>
</tr>
<tr>
<td>TOWER</td>
<td>New Tower 1937 70 ft. high (78)</td>
</tr>
<tr>
<td>TANK</td>
<td>Wallops Island NASA Water Tank 110 ft. high (116)</td>
</tr>
<tr>
<td>RADIO TOWER</td>
<td>Wallops Island NASA Radio Tower skeleton steel 286 ft. high (264)</td>
</tr>
</tbody>
</table>

- **POSITION**
  - **LATITUDE**
  - **LONGITUDE**
  - **DATUM**
  - **METHOD OF LOCATION AND SURVEY NO.**
  - **DATE OF LOCATION**
  - **CHARTS AFFECTED**

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.
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<thead>
<tr>
<th>STATE</th>
<th>VIRGINIA</th>
<th>POSITION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DATE</th>
<th>METHOD OF LOCATION</th>
<th>SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
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</thead>
<tbody>
<tr>
<td>TOWER</td>
<td>ht 70 ft. (78) (Wallops Beach)</td>
<td>37 52</td>
<td>1064.7</td>
<td>75 26</td>
<td>1927</td>
<td>N.A.</td>
<td>Triang.</td>
<td>T-11662</td>
<td>11/6/61</td>
</tr>
<tr>
<td>TOWER</td>
<td>Navy Lookout Tower 1959 **</td>
<td>37 50</td>
<td>1065.5</td>
<td>75 26</td>
<td>1927</td>
<td>N.A.</td>
<td>Triang.</td>
<td>T-11662</td>
<td>11/6/61</td>
</tr>
<tr>
<td>TOWER</td>
<td>skeleton steel</td>
<td>37 50</td>
<td>1065.5</td>
<td>75 26</td>
<td>1927</td>
<td>N.A.</td>
<td>Triang.</td>
<td>T-11662</td>
<td>11/6/61</td>
</tr>
<tr>
<td>TANK</td>
<td>N.A.C.A. Water Tank 1919</td>
<td>37 50</td>
<td>1065.5</td>
<td>75 26</td>
<td>1927</td>
<td>N.A.</td>
<td>Triang.</td>
<td>T-11662</td>
<td>11/6/61</td>
</tr>
<tr>
<td>TANK</td>
<td>ht 116 ft. (116) (Wallops Island)</td>
<td>37 50</td>
<td>1065.5</td>
<td>75 26</td>
<td>1927</td>
<td>N.A.</td>
<td>Triang.</td>
<td>T-11662</td>
<td>11/6/61</td>
</tr>
<tr>
<td>TANK</td>
<td>(Chincoteague Water Tank 1933)</td>
<td>37 50</td>
<td>1065.5</td>
<td>75 26</td>
<td>1927</td>
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<td>Triang.</td>
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<td>11/6/61</td>
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<tr>
<td>TOWER</td>
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<td>1927</td>
<td>N.A.</td>
<td>Triang.</td>
<td>T-11662</td>
<td>11/6/61</td>
</tr>
</tbody>
</table>

* Also falls in RS 775

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

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USCGMAA DC 27128
U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

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 William H. Hughes  Chief of Party

for Joseph K. Wilson

<table>
<thead>
<tr>
<th>STATE</th>
<th>Virginia</th>
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<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
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<tr>
<td>Chincoteague Channel Daybeacon 6</td>
<td>37° 53.5'</td>
</tr>
<tr>
<td>Chincoteague Channel Daybeacon 7A 1961</td>
<td>37° 54.6'</td>
</tr>
<tr>
<td>Chincoteague Channel Light 8 1961</td>
<td>37° 54.6'</td>
</tr>
<tr>
<td>Chincoteague Channel Light 9</td>
<td>37° 54.6'</td>
</tr>
<tr>
<td>Chincoteague Channel Light 10 1961</td>
<td>37° 54.6'</td>
</tr>
<tr>
<td>Chincoteague Channel Light 11</td>
<td>37° 55.2'</td>
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<tr>
<td>Chincoteague Channel Light 12</td>
<td>37° 55.2'</td>
</tr>
<tr>
<td>Chincoteague Channel Light 13</td>
<td>37° 55.2'</td>
</tr>
<tr>
<td>Assateague Cove Light</td>
<td>37° 52.5'</td>
</tr>
<tr>
<td>Chincoteague Inlet Light</td>
<td>37° 51.3'</td>
</tr>
<tr>
<td>Chincoteague Bay Light 1</td>
<td>37° 56.3'</td>
</tr>
<tr>
<td>Chincoteague Bay Daybeacon 2</td>
<td>37° 56.3'</td>
</tr>
<tr>
<td>Chincoteague Bay Light 4</td>
<td>37° 56.3'</td>
</tr>
<tr>
<td>Killick Shoal Obstruction Light</td>
<td>37° 56.3'</td>
</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 undersigned.

V. Ralph Sobieralski  
Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
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</tr>
<tr>
<td>SEACOAST</td>
<td>ASSATEAGUE (ASSATEAGUE LIGHT-HOUSE 1902)</td>
</tr>
<tr>
<td>LIGHT</td>
<td>37 54</td>
</tr>
<tr>
<td>LIGHT</td>
<td>CHINCOTEAGUE INLET</td>
</tr>
<tr>
<td>LIGHT</td>
<td>37 51</td>
</tr>
<tr>
<td>LIGHT</td>
<td>CHINCOTEAGUE CHANNEL</td>
</tr>
<tr>
<td>LIGHT</td>
<td>ASSATEAGUE COVE</td>
</tr>
<tr>
<td>LIGHT</td>
<td>37 52</td>
</tr>
<tr>
<td>LIGHT</td>
<td>37 53</td>
</tr>
<tr>
<td>LIGHT</td>
<td>37 53</td>
</tr>
<tr>
<td>DAYBE 6</td>
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<tr>
<td>DAYBE 7A</td>
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<tr>
<td>LIGHT</td>
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</tr>
<tr>
<td>LIGHT</td>
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<td>LIGHT</td>
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*Also falls in RS 775*
**U.S. DEPARTMENT OF COMMERCE**  
**COAST AND GEODETIC SURVEY**

**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

M. M. Clayson  
V. Ralph Spooner

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<tr>
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<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>CHINCOTEAGUE INLET</td>
<td></td>
</tr>
<tr>
<td>CHINCOTEAGUE CHANNEL</td>
<td></td>
</tr>
<tr>
<td>LIGHT 13</td>
<td></td>
</tr>
<tr>
<td>CHINCOTEAGUE BAY</td>
<td></td>
</tr>
<tr>
<td>LIGHT 1</td>
<td></td>
</tr>
<tr>
<td>DAPHN 1</td>
<td></td>
</tr>
<tr>
<td>LIGHT 4</td>
<td></td>
</tr>
<tr>
<td>LIGHT 5</td>
<td></td>
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<tr>
<td>LIGHT 6</td>
<td></td>
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<td>DAPHN 7</td>
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</tr>
<tr>
<td>LIGHT 7</td>
<td></td>
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<tr>
<td>DAPHN 10</td>
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</table>

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<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>CHINCOTEAGUE INLET</td>
<td>LIGHT</td>
</tr>
<tr>
<td>CHINCOTEAGUE CHANNEL</td>
<td>DAYBN 2</td>
</tr>
<tr>
<td>ASSATEAGUE COVE</td>
<td>LIGHT</td>
</tr>
<tr>
<td>CHINCOTEAGUE BAY</td>
<td>DAYBN 2</td>
</tr>
</tbody>
</table>

* Also falls in RS 775

** Daybn number changed from 7A. Same position.

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, 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.

* Tabulate seconds and meters
U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa District Office June 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

[Signature]

for V. Ralph Sobierski Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<th>VIRGINIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>CHINCOTEAUGE INLET</td>
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<tr>
<td>CHINCOTEAUGE CHannel</td>
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</tr>
<tr>
<td>NIGHT</td>
<td>CHINCOTEAUGE POINT</td>
</tr>
<tr>
<td>BLACK</td>
<td>IN Assateague Cove **</td>
</tr>
</tbody>
</table>

* Also falls in RS 775

** No number or name. Not listed in 1962 Light List.

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, 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.

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NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa District Office June 1, 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

M. M. Slamey

William A. Hasure

Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CHARTING</td>
<td>POSITION</td>
</tr>
<tr>
<td>NAME</td>
<td></td>
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<tr>
<td></td>
<td>LATITUDE</td>
</tr>
<tr>
<td>CHINCOTEAUE INLET</td>
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<tr>
<td>CHINCOTEAUE CHANNEL</td>
<td></td>
</tr>
<tr>
<td>LIGHT 9</td>
<td>37 54' 1120 75 24' 696</td>
</tr>
</tbody>
</table>

This position for Light 9 superseded the position listed on Form 567 under date of May 29, 1962 (Page 1 of 1).

* Also falls in RS-775

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61. **GENERAL STATEMENT**

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, showing differences noted in Items 62, 64, and 65, 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-11663 are shown in blue on the comparison print.

Large differences in shoreline in the vicinity of Chincoteague Inlet were attributed to storm action.

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. Differences between this survey and T-11663 are shown in purple on the comparison print.

65. **COMPARISON WITH NAUTICAL CHARTS**

A visual comparison was made with Chart 1220, scale 1:80,000, 18th edition, dated July 17, 1971. No significant differences in shoreline were noted. Stakes in Shell Bay and a wreck in Chincoteague Channel were not visible on the photographs. These differences are shown in red on the comparison print.
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 H. Bishop
Charles H. Bishop
Cartographer
June 14, 1972

Approved for forwarding:

Melvin J. McEachin, 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-8153 and AMS
Sheet 5959 IV NW
Purple = H-8744
Red = Chart 1220
COMPARISON PRINT

Blue = T-8158 and AMS
SHEET 5959 IV NW

INDEX TO ADJOINING SHEETS PROJECT 5907

COMPILATION RECORD

Compilation complete
Dec. 1962

T-11663
1:10,000