**Type of Survey**: SHORELINE  
**Field No.**: 11670  
**State**: VIRGINIA  
**General locality**: ACCOMACK COUNTY  
**Locality**: WHITES CREEK  

**1959-62**  
**CHIEF OF PARTY**  
Joseph K. Wilson, Chief of Field Party  
V.R. Sobiersalski, Tampa District Officer  
Alfred C. Holmes, Director, AMC  

**LIBRARY & ARCHIVES**  
**DATE**: JUL 1975
## Project No.:
PH-5907

### Field Office:
Accomac Virginia

### Chief of Party:
Joseph K. Wilson

### Photogrammetric Office:
Tampa District Office

### Officer-In-Charge:
V. Ralph Sobieralski

### Instructions Dated:
- Field: Oct. 20, 1959
- Field Amendment 1: Apr. 26, 1960
- Office: Dec. 28, 1960
- Office Amendment 1: Aug. 10, 1961
- Amendment 2: Sept. 29, 1961

### Method of Compilation:
Graphic

### Manuscript Scale:
1:10,000

### Stereoscopic Plotting Instrument Scale:
Inapplicable

### Date Received in Washington Office:

### Date Reported to Nautical Chart Branch:

### Applied to Chart No.:

### Date:

### Date Registered:

### Geographic Datum:
N.A. 1927

### Vertical Datum:
MHW

### 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

### Reference Station:
Parksley, Tank, 1942

### Lat.:
37°47'04.281" (132.0m)

### Long.:
75°39'01.675" (41.0m)

### Adjusted

### Plane Coordinates:
\[ y = 540,790.51 \text{ Ft} \]
\[ x = 2,823,401.40 \text{ Ft} \]

### State:
Virginia

### Zone:
South

---

**Note:**
Roman numerals indicate whether the item is to be entered by field party, photogrammetric office, or 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):

| M. A. Stewart | Date: Oct. 1961 |

### Mean High Water Location (III) (State Date and Method of Location):

Air Photo Compilation

### 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):

None

### Control Checked by (III):

None

### Radial Plot or Stereoscopic Control Extension by (III):

| R. R. Wagner | Date: May 1962 |

### Stereoscopic Instrument Compilation (III):

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<tr>
<th>Planimetry</th>
<th>Date:</th>
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<tbody>
<tr>
<td>Inapplicable</td>
<td>Contours</td>
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### Manuscript Delineated by (III):

| R. E. Smith | Reviewed by: W. H. Shearouse | Date: May 1962 |

### Scribing by (III):

| R. D. Purvis | Reviewed by: R. R. Wagner | Date: Jan. 1963 |

### Photogrammetric Office Review by (III):

| W. H. Shearouse | Date: Mar. 1963 |

### Remarks:
**DESCRIPTIVE REPORT - DATA RECORD**

**CAMEERA (KIND OR SOURCE) (III):**

C&GS 9 lens and single lens Wild W

**PHOTOGRAPHS (III):**

<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>62-W-3849</td>
<td>4/28/62</td>
<td></td>
<td>1:20,000</td>
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<td>62-W-3850</td>
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<td>60476</td>
<td>10/13/59</td>
<td>10:35</td>
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<tr>
<td>60478</td>
<td></td>
<td>10:36</td>
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<td></td>
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**TIDE (III):**

| REFERENCE STATION: | Inapplicable |

**SUBORDINATE STATION:***

**SUBORDINATE STATION:**

**ATLANTIC MARITIME CENTER**

**DATE:** 10-12-73

**REMARKS:**

* Falls west of project limit
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<th>Completion Date</th>
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<tr>
<td>Compiled</td>
<td>June 1962</td>
<td>Superseded</td>
</tr>
<tr>
<td>Alongshore field edit,</td>
<td>June 1962</td>
<td>Superseded</td>
</tr>
<tr>
<td>Compilation complete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final Review</td>
<td>October 1973</td>
<td></td>
</tr>
</tbody>
</table>
SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-11670

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 on page 5 indicates the location of this map in the project.

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

Compilation was based on control established by a radial plot using 9-lens photography of October 13, 1959. The Photogrammetric Report was 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 changes were made.

Final review was done at the Atlantic Marine Center in October 1973.

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 11665, 11666, 11670 and 11671
PROJECT PH-5907

2. Areal Field Inspection.

These maps are located along the eastern shore of Virginia, in Accomac County. The area is primarily rural and the principal industry is truck farming. Maps 11665 and 11670 are located along the mainland. Maps 11666 and 11671 are partially mainland and partially areas of marsh, water and islands separating the mainland from the Atlantic Ocean. Parts of Metomkin Island and all of Assawoman Island are located in maps 11666 and 11671. These islands are uninhabited and consist of low stretches of sand and marsh. The area is served by U.S. Highway 13 and numerous secondary state and county roads. The Pennsylvania Railroad crosses map 11665 and is just west of map 11670. The Intracoastal Waterway crosses maps 11666 and 11671. The waterway is shallow and usable by shallow draft boats only. The only urban areas are the settlements of Bloxom, Hallwood, Nelsonia and Mappsville located in map 11665. The settlements of Assawoman and Conquest Corners are located in map 11666 and the settlements of Gargatha and Modest Town are located in map 11670. All of the settlements are small farming communities and have no other industry.

The photography was taken in October of 1959 and was of good quality. No difficulty was encountered in their interpretation in the field. The tone changes ranged from white, in the sand areas, to grey, in the areas of grass, to black, in the areas covered by marsh or trees.

Field inspection is believed complete and was performed on 1:10,000 scale nine-lens photographs. The photographs containing field inspection information are: 60447 through 60451, 60456 through 60462, 60476 through 60482 and 60524 through 60527. No items were deliberately left for field edit.

3. Horizontal Control.

All Coast and Geodetic Survey Control Stations were searched for. One station, BALL 1961, was established by closing two triangles from previously established stations. The closures of the triangles were satisfactory. The position of the new station was computed but no adjustment was made.

The identification of control, as indicated by a copy of the project diagram, was adequately met for these maps.
Item 3, Horizontal Control Cont'd.
The following stations were reported lost:

<table>
<thead>
<tr>
<th>Station Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11665</td>
<td>Chincoteague to Hog Island</td>
</tr>
<tr>
<td>11666</td>
<td>Kegotank Bay, Beacon No. 4, Red 1934</td>
</tr>
<tr>
<td>ASSAWAMAN 4 1934</td>
<td>Chincoteague to Hog Island</td>
</tr>
<tr>
<td>ASSAWAMAN CREEK SHACK, EAST CABLE</td>
<td>Kegotank Bay, Beacon No. 6, Red 1934</td>
</tr>
<tr>
<td>CHIMNEY 1934</td>
<td></td>
</tr>
<tr>
<td>WATCH HOUSE 1902</td>
<td>Drums Farmhouse South Chimney</td>
</tr>
<tr>
<td>11671</td>
<td>Kegotank House Boat East End 1909</td>
</tr>
<tr>
<td>KEGOTANK 1909</td>
<td>Old House With Six Windows, Center 19109</td>
</tr>
</tbody>
</table>

4. Vertical Control.
There are no tidal bench marks within these maps.

5. Contours and Drainage.
Contours are inapplicable.
The tidal streams are visible on the photographs. The drainage along the mainland areas of these maps has been indicated on the photographs.

6. Woodland Cover.
All woodland cover was inspected and has been classified on the photographs.

7. Shoreline and Allogshore Features.
The mean high water line along the Atlantic Ocean was located by measurement from identifiable photo points. Identifiable points around the inlets could not be found due to the water having swept across the low sand areas. The mean high water line around the inlets has been indicated as photographed. All maps with inlets located therein should carry the notation "Shoreline Subject To Frequent Change". The apparent shoreline in the marsh areas was inspected by skiff running close to shore and has been indicated on the photographs.
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.
There are no submarine cables within these maps. The cable area across Gargathy Inlet, chart 122K, has been removed. This cable was a Coast Guard Telephone Line. The line now enters Metomkin Inlet Coast Guard Station, map 11678, from the mainland to the west.
All other shoreline structures have been clarified.
8. **Offshore Features.**

The shoal areas around Gargathy Inlet and the spoil areas in Kegotank Bay were visited during high water. Appropriate notes concerning these areas have been made on the photographs.

9. **Landmarks and Aids.**

Landmarks for nautical charts and fixed aids to navigation are adequately covered by Form 567. This form is submitted with this data.

There are no aeronautical aids within these maps.

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

The entire area is within Accomac County, Virginia. The only boundaries affecting these maps are the corporate limits of Bloxom in the southwest corner of map 11665 and the limits of the mainland portion of Wallops Island National Aeronautics And Space Administration Reservation in the northeast corner of map 11666. The corporate limits of Bloxom have been indicated on photograph 60449 and a print of the official map is enclosed. The limits of the mainland area of Wallops Island National Aeronautics And Space Administration Reservation has been indicated on photograph 60482. The agency did not have a map showing the overall limits. Copies of prints showing the limits across four individual pieces of property are enclosed. The limits as indicated on photo. 60482 were made with the aid of personnel of NASA and by the fence around the northwesterly side of the property.

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>11665</td>
<td>BULL 1961</td>
</tr>
<tr>
<td>none</td>
<td>North Gable, Two Story House with Twin Chimneys</td>
</tr>
<tr>
<td>11670</td>
<td>11671</td>
</tr>
<tr>
<td>none</td>
<td>DINE 1961</td>
</tr>
<tr>
<td></td>
<td>MUST 1961</td>
</tr>
<tr>
<td></td>
<td>WILD 1961</td>
</tr>
</tbody>
</table>

12. **Other Interior Features.**

All roads were inspected and have been classified in accordance with Photogrammetry Instruction No. 54.

All buildings were inspected and have been indicated in accordance with Photogrammetry Instruction No. 56.

There are no airports or lending fields within the area.
13. **Geographic Names.**

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

14. **Special Reports and Supplemental Data.**

1 print, town of Bloxom, submitted with this report
4 prints, limits of mainland portion of NASA Reservation
across 4 individual pieces of property, submitted with this report
Form 567, submitted with this report
Letter of Transmittal, submitted with this report

Submitted,

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>N.A. 1927-DATUM</th>
<th>DATA CORRECTION</th>
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<tr>
<td>PARKSLEY TANK 1942</td>
<td>PC 117 1927</td>
<td>NA</td>
<td>540.790.51</td>
<td>2,823.401.40</td>
<td>16 48 33.3</td>
<td>West of sheet</td>
<td>12 1/116</td>
</tr>
</tbody>
</table>

**Notes:**
- Coordinate error: Corrected.
COMPILATION REPORT
T-11670

PHOTOMMETRIC PLOT REPORT

Submitted with T-11680

31. DELINEATION

The graphic method was used. Photographs were clear and of good scale.
Field inspection was adequate.

32. CONTROL

See Photogrammetric plot report

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Inapplicable

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line was delineated according to field inspection (done on the 1959 9-lens) and office interpretation of 1962 single-lens photographs. The approximate low water line has been shown from office interpretation of the photographs.

The shoreline inspection was adequate.

36. OFFSHORE DETAILS

Compiled according to field inspection notes.

37. LANDMARKS AND AIDS

None.
38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made with T-11674 to the south and T-11671 to the east. Interior details were not compiled to the north and west map limits.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with Corps of Engineers quadrangle MAPPSVILLE, scale 1:31680 edition of 1942. The two are in fair agreement.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with chart 1221, scale 1:80,000 edition of March 1962. The two are in fair agreement.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R. E. Smith
Carto Photo Aid

APPROVED AND FORWARDED 12 APR 1963

V. R. Sobieralski
Tampa District Officer
June 22, 1972

GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-5907 (Virginia)
T-11670

Bundick Creek
Crippen Creek
Cutoff Creek
Gargathy Bay
Gargathy Creek
Gargathy Neck
Poplar Creek
Whites Creek
Whites Neck

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

Prepared by:  
Frank W. Pickett
Cartographic Technician
49. NOTES FOR THE HYDROGRAPHER

None.
### PHOTOGRAMMETRIC OFFICE REVIEW

**T**: 11670

<table>
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<tr>
<th>1. PROJECTION AND GRIDS</th>
<th>2. TITLE</th>
<th>3. MANUSCRIPT NUMBERS</th>
<th>4. MANUSCRIPT SIZE</th>
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**CONTROL STATIONS**

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<th>6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)</th>
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<table>
<thead>
<tr>
<th>7. PHOTO HYDRO STATIONS</th>
<th>8. BENCH MARKS</th>
<th>9. PLOTTING OF SEXTANT FIXES</th>
<th>10. PHOTOGRAMMETRIC PLOT REPORT</th>
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<td>MMS</td>
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<th>11. DETAIL POINTS</th>
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**ALONGSHORE AREAS**

(Nautical Chart Date)

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<tr>
<th>12. SHORELINE</th>
<th>13. LOW-WATER LINE</th>
<th>14. ROCKS, SHOALS, ETC.</th>
<th>15. BRIDGES</th>
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<th>17. LANDMARKS</th>
<th>18. OTHER ALONGSHORE PHYSICAL FEATURES</th>
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<table>
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**PHYSICAL FEATURES**

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**CULTURAL FEATURES**

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<th>30. OTHER CULTURAL FEATURES</th>
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**BOUNDARIES**

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**MISCELLANEOUS**

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<th>34. JUNCTIONS</th>
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<th>36. DISCREPANCY OVERLAY</th>
<th>37. DESCRIPTIVE REPORT</th>
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<table>
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<th>39. FORMS</th>
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<tbody>
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<td>WHS</td>
</tr>
</tbody>
</table>

**SIGNATURE OF COMPILER**

Alongshore field edit revealed no changes

**SIGNATURE OF SUPERVISOR**

Milton M. Slavney

---

**FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT**

Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted by remarks on reverse side.

**USCO111000-DC 26030-P61**
FIELD EDIT REPORT

Shoreline field edit by William M. Reynolds in June 1962 revealed no changes. No field edit report has been submitted.
REVIEW REPORT T-11670

SHORELINE

October 12, 1973

61. GENERAL STATEMENT:

See Summary which is page 6 of this Descriptive Report.

No comparison print was made.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A visual comparison was made with Survey T-8167, 1:20,000 scale, dated 1943. No significant differences were noted.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with AMS SHEET 5859 I SE, MAPPSVILLE, VIRGINIA, 1:25,000 scale, dated 1949. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 1221, 1:80,000 scale, 16th edition, dated Sept. 11, 1971. No significant differences were noted.
66. **ADEQUACY OF RESULTS AND FUTURE SURVEYS:**

The Photogrammetric Plot Report, which usually states the accuracy of control used for compilation, was not available at the time of final review and no accuracy statement was made in the Compilation Report. However, there is no reason to believe that the accuracy of this map is substandard.

Reviewed by:

Charles H. Bishop
Cartographer

Approved for forwarding:

[Signature]

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

Approved:

[Signature]

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

Approved:

[Signature]

Chief, Photogrammetric Branch

[Signature]

Chief, Coastal Mapping Division