T-11688

NOAA FORM 76-35
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

SHORELINE
Type of Survey: SHORELINE
Job No. PH-5907, Map No. T-11688
Classification No. II & III, Edition No. (Refer to page C)

LOCALITY
State: VIRGINIA
General Locality: HOG ISLAND BAY, NORTHAMPTON COUNTY
Locality: QUINBY INLET

1959 TO 1962

REGISTRY IN ARCHIVES
DATE: JUL 1975

U.S. GOVERNMENT PRINTING OFFICE: 1972-761-182
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manuscript compiled</td>
<td>July 1962</td>
<td>Superseded</td>
</tr>
<tr>
<td>Interior details added, compilation complete pending</td>
<td>Jan. 1963</td>
<td>Superseded</td>
</tr>
<tr>
<td>Field edit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final review</td>
<td>Nov. 1973</td>
<td></td>
</tr>
</tbody>
</table>

* This map was not field edited
SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-11688

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

When received for final review, there was no data record, Photogrammetric Plot Report, or office review Form 1002 with this map, and they are not bound with the Descriptive Report.

Compilation was from 9-lens photographs taken in October, 1959 and single lens photographs taken in April, 1962, after the hurricane of March 1962. The Atlantic Ocean shoreline was mapped without field inspection, as the hurricane voided field inspection of the outer shoreline that was done in May, 1961. This shoreline was mapped as indefinite.

This map was not field edited.

Final review was done at the Atlantic Marine Center in November, 1973. When Geographic Names were submitted for final approval, the name Little Machipongo Inlet was changed to Quinby Inlet. This name was changed at its geographic location on the map and in the title block at the bottom of the sheet.

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-

The area covered by the seven maps, with the exception of map 11685, is composed mostly of mud flats that are bare or nearly so at mean low water. This mud area is very soft and will not afford footing for any type of travel at low water. Some of these mud areas have insufficient water, even at high tide, to support skiffs drawing more than two feet of water.

At high water these areas are large shallow areas of water that can become very choppy with strong winds. There are scattered shell piles throughout the areas that makes small boat travel very hazardous to anyone crossing these areas at high water.

The outer shore of Hog and Farramore Islands is sand that held its position well during hurricane Donna of September, 1960. Numerous measurements were made from fixed objects to the present shoreline to determine the shoreline delineation on the photographs.

The quality of the photography is good. Most single pile structures can be identified on the nine lens photographs. It is believed that enough photographic tones have been labeled to clarify all tones for the compilers.

3. HORIZONTAL CONTROL-

All stations, indicated on the Project Diagram, have been searched for. Those that were desired to be identified were all recovered and identified except CHIMNEY, NORTHEAST CABLE OF SHACK, 1934. This station is destroyed and was replaced with topographic station CUTE, 1961. CUTE, 1961 will furnish control if desired as a fix was observed from it as well as it was referenced to a photograph point.
The following stations are lost or destroyed and reported on Form 526;
DRAW, 1933
Great Machipongo River Bl. Beacon No. 3, 1934
Great Machipongo River Red Beacon No. 2, 1934
Great Machipongo River Channel Lt., 1933
CUNJER CHANNEL LIGHT, 1937
SLOOP, 1910
Little Machipongo Inlet, North Inlet Light, 1933
PONGO, 1934
SOUTHWEST GABLE OF OLD TWO STORY HOUSE, 1934
Revels Island, West Gable Chimney, 1934
LITTLE MACHIPONGO INLET, COAST GUARD TOWER, 1937
CHIMNEY, NORTHEAST GABLE OF SHACK, 1934

4. VERTICAL CONTROL-
Tidal bench mark 1, map 11686 was recovered and identified.

The following bench marks are lost;
Tidal bench marks 1, 2 and 3 all of 1947, Revel
Creek, Little Machipongo Inlet, Lat. 37-29.3 and
Long. 75-41.0
Tidal bench mark 3, 1914, Little Beach Cove, Lit-
tle Powder Tub Creek, Parremore Island, Lat. 37-31.9
and Long. 75-39.3

5. CONTOURS AND DRAINAGE-
Drainage consists of small streams and ditches.
Those that were considered of sufficient size have
been delineated. There are some few flat areas that
will occasionally flood but there is no real swamp
of importance.

6. WOODLAND COVER-
The tree areas are mostly pine with some few areas
interspersed with hardwoods.

7. SHORELINE AND ALONGSHORE FEATURES.
The shoreline is mostly apparent. Very often there
is a fringe of Sea Oars or Sea Oats sometimes fifty
or more feet in width at the offshore edge of the
marsh. This type of grass may reach a height of three
to four feet during the summer and fall months and
then be killed out during the winter season.
This can cause the apparent shoreline to change with the seasons. However as the grass is growing in these areas most of the year, the apparent shoreline was delineated along the outer edges of it.

There is a submerged telephone cable between the islands of Parramore and Hog. The approximate underwater position of this cable has been delineated on the photographs. This position could be several hundred feet in error as the position was determined by verbal information from the Hog Island Coast Guard Personnel.

3. OFFSHORE FEATURES-
There are no offshore features of any size. There are thousands of small stakes scattered over the mud flats that mark either some small channel or beds of oysters.

9. LANDMARKS AND AIDS-
Landmarks and aids are reported on Form 567. The black and white prints of the color photography were field inspected to verify or correct the office identification of the aids to navigation. Fixed aids not identified on the photographs have been located using ground survey methods.

10. BOUNDARIES, MONUMENTS AND LINES-
The corporate limits of Nassawadox, Virginia have been delineated on single lens ratio print 59W 9297 as far as possible to do so. Some of the southern boundary will need to be projected from an enclosed plat.

An enclosed map of Accomac County will show the mapped position of the line between Accomac and Northampton Counties. Information from the County Court Clerks of these two counties failed to reveal any information concerning a legal description. The division line was established in 1663 and any legal action concerning it has probably been lost in the files of three hundred years. The county court clerks advise that the best place to obtain such information is with the Virginia Department of Highways.
A branch office of this department was visited at Accomac, Virginia. Information obtained from this branch office indicates that their maps are compiled from old federal maps and records. It appears as no one is positive as to just where this line is. The Virginia Highway Department position their highway county line markers by a scaled distance from a map, of the enclosed type. There is a possibility that there is a descrip-

of this line somewhere in the files of the North-

hampton Court House, but no more investigations will be made unless instructed to do so.

11. OTHER CONTROL-
Three previously marked topographic stations were searched for but not found. This information is reported on Forms 524.

The following is a list of new topographic stations established.

<table>
<thead>
<tr>
<th>BOSS</th>
<th>HANG</th>
<th>GABE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOOM</td>
<td>GONE</td>
<td>GOUT</td>
</tr>
<tr>
<td>BUNT</td>
<td>MORE</td>
<td>WIND</td>
</tr>
<tr>
<td>DUNE</td>
<td>GRAY</td>
<td>HELP</td>
</tr>
<tr>
<td>HAND</td>
<td>CUTE</td>
<td>HURT</td>
</tr>
<tr>
<td>CUPOLA</td>
<td>RUIN</td>
<td>SHED</td>
</tr>
</tbody>
</table>

12. OTHER INTERIOR FEATURES-
All roads and buildings have been inspected and classified accordingly to current instructions.

There are no bridges or cable clearances re-

quired.

13. GEOGRAPHIC NAMES-
No systematic investigation was made and no errors found in the geographic names.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA-
The following map and plat is enclosed;

Accomac County Map
Nassawadox Corporate Limits.

No changes are recommended for the Coast Pilot.
It is not believed that notes to the compiler would be of any aid in the compilation.

The field photographs and all other data for the compilation of these maps are being transmitted by transmittal letter 62-1J dated 28th July, 1961

Respectfully submitted,
July 28, 1961

Elgan T. Jenkins
Chief of Party 726
June 22, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-5907 (Virginia)

T-11689

Big Sharpleys Creek
Box Tree Creek
Brick House Neck
Buckhorn Point
Castle Ridge
Castle Ridge Creek
Crabbing Marsh
Eastern Lead
Ebb Stake Marsh
Eel Gut
Fowling Point
Fowling Point Gut
Great Gut
Hog Island Bay
Holt Creek
Holt Neck

Kitts Creek
Little Johnstown
Mill Creek
Outlet Bay
Outlet Marsh
Point Creek
Powells Channel
Ramshorn Bay
Ramshorn Channel
Red Bank Creek
Short Prong Marsh
The Deeps
The Outlet
The Ramshorn
Webb Island

Approved:

A. Joseph Wright
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician
I recommend that the following objects which have (marked) been inspected from seaward to determine their value as landmarks be charted on (marked) the charts indicated.

The positions given have been checked after listing by Elgan T. Jenkins.

<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>Chart Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOWER</td>
<td>Little Machipongo Inlet Coast Guard Lookout Tower</td>
<td>47° 22'10&quot;</td>
<td>37.427</td>
<td>75.40</td>
<td><strong>W. A. Triangulation</strong></td>
<td>1927</td>
<td>11684</td>
<td>1221</td>
<td></td>
</tr>
<tr>
<td>CUPOLA</td>
<td>On top of house, east side of Farrarson's Beach</td>
<td>37° 32'10&quot;</td>
<td>75.369</td>
<td><strong>Photo</strong></td>
<td>5907</td>
<td>1961</td>
<td>1221</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chart 12.21 and 12.22 R.A.
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 Elean T. Jenkins.

<table>
<thead>
<tr>
<th>STATE</th>
<th>Virginia</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>LITTLE MACHIPONKO INLET NORTH</td>
</tr>
<tr>
<td>SIGNAL NAME</td>
<td>ENTRANCE LIGHT</td>
</tr>
<tr>
<td>LATITUDE</td>
<td>37°28'</td>
</tr>
<tr>
<td>LONGITUDE</td>
<td>75°40'</td>
</tr>
<tr>
<td>DATUM</td>
<td>N.A. Triangulation</td>
</tr>
<tr>
<td>METHOD OF LOCATION AND SURVEY</td>
<td>1927</td>
</tr>
<tr>
<td>DATE OF LOCATION</td>
<td>1959</td>
</tr>
<tr>
<td>CHARTS AFFECTED</td>
<td>1221</td>
</tr>
</tbody>
</table>

| CHARTING NAME | LITTLE MACHIPONKO CHANNEL |
| SIGNAL NAME | LIGHT - 1 |
| LATITUDE | 37°29' |
| LONGITUDE | 75°41' |
| DATUM | Photo. |
| METHOD OF LOCATION AND SURVEY | 5907 |
| DATE OF LOCATION | 1961 |
| 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 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.
## Nonfloating Aids or Landmarks for Charts

**State**: 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>Date of Location</th>
<th>Chart Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LIGHT</strong></td>
<td>Entrance</td>
<td></td>
<td>37 27</td>
<td>1505.0</td>
<td>75 40</td>
<td>15 170</td>
<td></td>
</tr>
<tr>
<td>(Hog Island Lt. Bn. 1959)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LIGHT</strong></td>
<td>North Entrance</td>
<td></td>
<td>37 28</td>
<td>394.8</td>
<td>75 40</td>
<td>01 305</td>
<td></td>
</tr>
<tr>
<td>(Parramore Island Lt.Bn. 1959)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LIGHT</strong></td>
<td>Little Machipongo Channel</td>
<td></td>
<td>37 29</td>
<td>292.8</td>
<td>75 40</td>
<td>1336.3</td>
<td></td>
</tr>
<tr>
<td>(Sandy Island Channel Lt.Bn.1, 1959)</td>
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<td></td>
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<td></td>
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<tr>
<td><strong>LIGHT</strong></td>
<td>North Inlet</td>
<td></td>
<td>37 27</td>
<td>02.11</td>
<td>75 42</td>
<td>141.09</td>
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<tr>
<td><strong>GREAT MACHIFONGO INLET</strong></td>
<td></td>
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<tr>
<td><strong>GREAT MACHIFONGO CHANNEL</strong></td>
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<tr>
<td><strong>LIGHT</strong></td>
<td></td>
<td></td>
<td>37 26</td>
<td>518.0</td>
<td>75 46</td>
<td>06.26</td>
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<tr>
<td><strong>LIGHT</strong></td>
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<td>37 27</td>
<td>563.0</td>
<td>75 46</td>
<td>24.42</td>
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<tr>
<td><strong>LIGHT</strong></td>
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<td></td>
<td>37 27</td>
<td>155.12</td>
<td>75 47</td>
<td>11.39</td>
<td></td>
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<tr>
<td><strong>LIGHT</strong></td>
<td></td>
<td></td>
<td>37 27</td>
<td>139.1</td>
<td>75 48</td>
<td>250</td>
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</tr>
<tr>
<td><strong>LIGHT</strong></td>
<td></td>
<td></td>
<td>37 27</td>
<td>50.00</td>
<td>75 48</td>
<td>23.97</td>
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<tr>
<td><strong>LIGHT</strong></td>
<td></td>
<td></td>
<td>37 27</td>
<td>182.9</td>
<td>75 48</td>
<td>589</td>
<td></td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 2-35, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and non-floating 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.
## Nonfloating Aids or Landmarks for Charts

**Tampa District Office**
**July 24, 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 W. H. Shearouse.

*V. Ralph Kobierski, Chief of Party.*

<table>
<thead>
<tr>
<th>STATE</th>
<th>VIRGINIA</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIRGINIA INSIDE PASSAGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LITTLE MACHIPongo Channel to GREAT MACHIPONGO CHANNEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LIGHT 7</td>
<td>SLOOP CHANNEL</td>
<td>37 28</td>
</tr>
<tr>
<td>LIGHT 3</td>
<td>SLOOP CHANNEL</td>
<td>37 28</td>
</tr>
<tr>
<td>DAYNH 2</td>
<td>CHIMER CHANNEL</td>
<td>37 28</td>
</tr>
<tr>
<td>DAYNH 3</td>
<td>NORTH CHANNEL</td>
<td></td>
</tr>
<tr>
<td>LIGHT 3</td>
<td>NORTH CHANNEL</td>
<td></td>
</tr>
<tr>
<td>LIGHT 4</td>
<td>NORTH CHANNEL</td>
<td></td>
</tr>
<tr>
<td>LIGHT 5</td>
<td>NORTH CHANNEL</td>
<td></td>
</tr>
<tr>
<td>LITTLE MACHIPONGO INLET</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LIGHT 6</td>
<td>LITTLE MACHIPONGO</td>
<td></td>
</tr>
</tbody>
</table>

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REVIEW REPORT T-11688
SHORELINE
November 16, 1973

61. GENERAL STATEMENT:

See summary on page 6 of this Descriptive Report.

An ozalid comparison print, showing differences noted in Par. 62 and 63, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Survey T-8173, 1:20,000 scale, dated 1943. Significant differences were shown in blue on the comparison print.

T-11688 supersedes previous topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with AMS SHEET 5858 I NW, LITTLE MACHIPONGO INLET, VIRGINIA, scale 1:25,000, dated 1948. This map is a copy of T-8173. Differences are the same and are shown on the comparison print with the same blue line.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 1221, scale 1:80,000, 16th edition, dated Sept. 11, 1971. No significant shoreline differences were noted. Names and numbers of fixed aids to navigation have been changed. They are shown on T-11688 as they existed at the time of field inspection in April 1961.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

The Photogrammetric Plot Report, which usually states the accuracy of control used for compilation, was not available for final review. There is no reason to believe that accuracy is sub-standard.
Reviewed by:

Charles H. Bishop
Cartographer

Approved for Forwarding:

Jeffrey G. Carlen
Jeffrey G. Carlen, 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-8174 and AMS

Little Machipongo Light 1961 B.W.
Little Machipongo Inlet
C.G. Lockout Tower 1959

North

27'
Approx MHWL is TAMP. (interpolation from April 28'30"

Stingaree Pt

LITTLE MACHIPONGO INLET
NORTH ENTRANCE LIGHT 1962
(PARRAMORE ISLAND LT BN 1959)

75'40'

87'30"

QUINBY INLET

35°28'

LITTLE MACHIPONGO INLET
ENTRANCE LIGHT 1961
(HOG ISLAND LT BN 1959)

△ HOG 1933

△ HOG 1932

COMPARISON PRINT
Blue = T-8174 and AMS

"The photogrammetry offshore from this may not be complete. Reviewed hydrography should be consulted."

T-11688
1:10,000
COMPARISON PRINT
Blue = T-8174 and AMS

NOTE: Unlabeled circles are photogrammetric plot points, not map features.