

T-11688

T-11688

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

## DESCRIPTIVE REPORT

Type of Survey SHORELINE  
Job No. PH-5907 Map No. T-11688  
Classification No. II & III Edition No. ....  
(refer to page 6)

## LOCALITY

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

19 59 TO 19 62

## REGISTRY IN ARCHIVES

DATE JUL 1975

T-11688

COMPILATION RECORD	COMPLETION DATE	REMARKS
Manuscript compiled	July 1962	Superseded
Interior details added, compilation complete pending field edit	Jan. 1963	Superseded
Final review	Nov. 1973	

\* See below

\* This map was not field edited

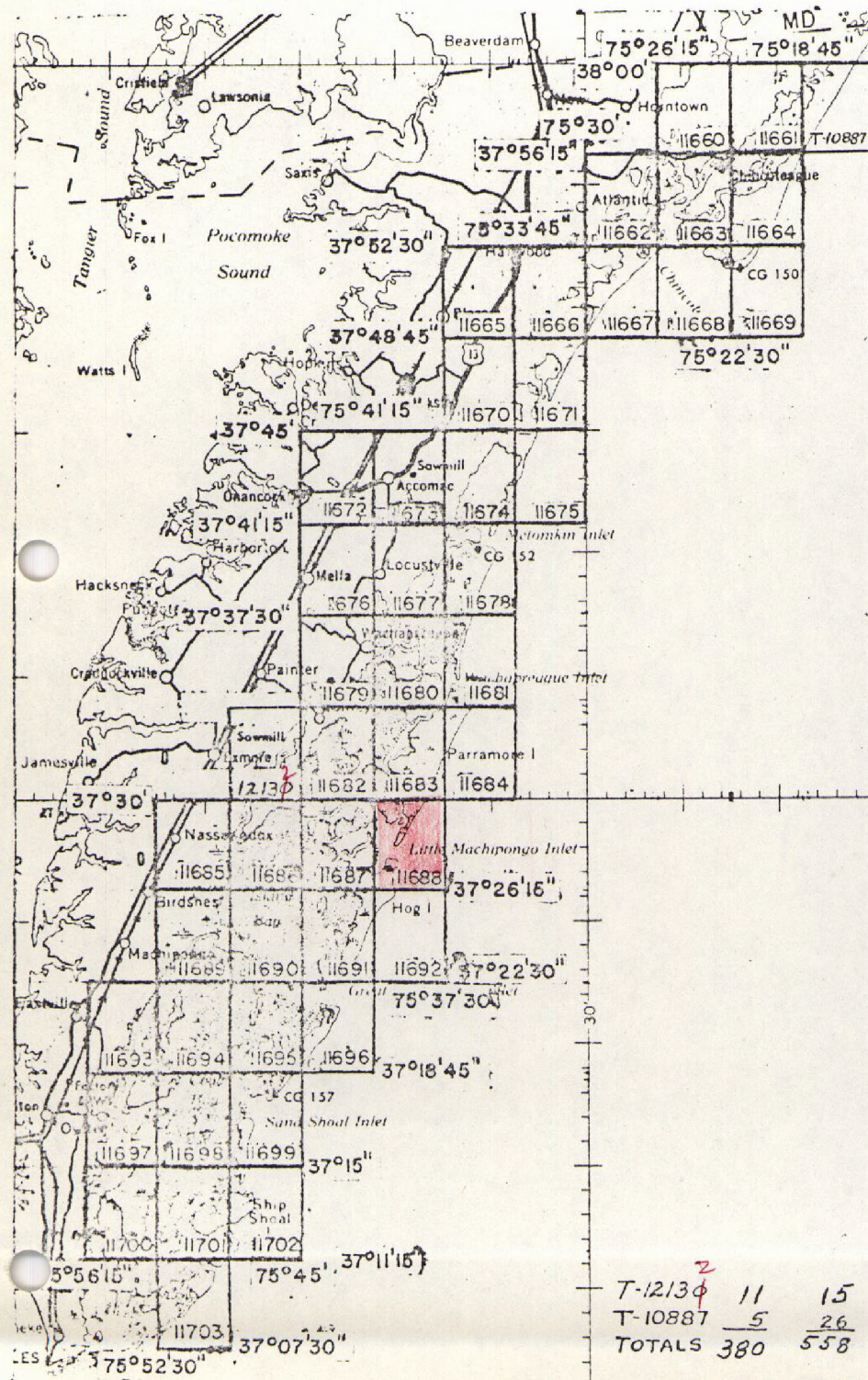


PH-5907

5

## CAPE CHARLES TO ASSATEAGUE, VA

Planimetric Mapping Scale 1:10,000

OFFICIAL MILEAGE  
FOR COST ACCOUNTS

Sheet No.	Area Sq. Mi.	Lin. Mi. Shoreline
11660	6	10
11661	6	15
11662	13	19
11663	7	23
11664	8	16
11665	17	0
11666	16	8
11667	7	8
11668	1	1
11669	1	4
11670	16	1
11671	8	15
11672	17	0
11673	16	5
11674	8	16
11675	1	4
11676	16	0
11677	13	10
11678	8	16
11679	16	8
11680	11	32
11681	4	10
11682	8	15
11683	11	15
11684	2	3
11685	16	4
11686	4	15
11687	6	20
11688	6	15
11689	13	11
11690	4	11
11691	4	16
11692	2	3
11693	11	11
11694	6	16
11695	4	19
11696	4	9
11697	11	20
11698	6	16
11699	4	13
11700	8	16
11701	8	14
11702	4	11
11703	6	23
T-12134	11	15
T-10887	5	26
TOTALS	380	558

3-22-62



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-11688

This 1:10,000 scale shoreline manuscript is one of 43 maps that comprise Project PH-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 names 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.



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FIELD INSPECTION REPORT  
FOR MAPS 11682 THROUGH 11688  
PROJECT 5907, VIRGINIA

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 Parramore 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 GABLE 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. 37-29.8 and Long. 75-41.0

Tidal bench mark 3, 1914, Little Beach Cove, Little Powder Tub Creek, Parramore 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 description of this line somewhere in the files of the Northampton 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.

BOSS	HANG	GABE
BOOM	GONE	GOUT
BUNT	MORE	WIND
DUNE	GRAY	HELP
HAND	CUTE	HURT
CUPOLA	RUIN	SHED

#### 12. OTHER INTERIOR FEATURES-

All roads and buildings have been inspected and classified according to current instructions.

There are no bridges or cable clearances required.

#### 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.



11  
(5)

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*  
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 ~~Creek~~ Marsh  
The Deeps  
The Outlet  
The Ramshorn  
Webb Island

Approved:

  
A. Joseph Wraight  
Chief Geographer

Prepared by:

  
Frank W. Pickett  
Cartographic Technician



**TO BE CHARTED  
TO BE DELETED**

**STRIKE OUT ONE**

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Accomac, Virginia

July 25 1961

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

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

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

### \* TABULATE SECONDS AND METERS

Comm-DC 28356

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Accomc. Virginia  
July 25 1961

I recommend that the following objects which have ~~not been~~ been inspected from seaward to determine their value as landmarks be charted on ~~the~~ the charts indicated.

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

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. 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



## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

Tampa District Office July 24, 1962

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

The positions given have been checked after listing by

W. H. Shearouse

*V. Ralph Sobieralski*  
V. Ralph Sobieralski  
Chief of Party

VIRGINIA			SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
STATE	CHARTING NAME	DESCRIPTION		LATITUDE *		LONGITUDE *		DATUM								
				° ' "	D. M. METERS	° ' "	D. P. METERS									
		LITTLE MACHIPONGO INLET														
	<del>LIGHT</del>	- ENTRANCE		37 27	75 40	15.170 372.8	N.A. 1927	Triang. T-11688	July 25 1961**	X					1221 - ok	
	<del>LIGHT</del>	(Hog Island Lt. Bn. 1959)		37 28	75 40	12.806 394.8	"	"	Apr. 28 1961***	X						
	<del>LIGHT 1</del>	(Parramore Island Lt. Bn. 1959)		37 29	75 40	09.498 292.8	"	"	"	X					" - Moved	
	<del>LIGHT</del>	LITTLE MACHIPONGO CHANNEL		37 27	75 42	02.11 65	"	Photo Plot T-11687	Apr. * 1961	X					" - Moved	
		NORTH INLET														
		GREAT MACHIPONGO INLET														
		GREAT MACHIPONGO CHANNEL														
	<del>LIGHT 3</del>	"		37 26	75 46	16.80 518	"	Photo Plot T-11686	"	X					" - ok	
	<del>LIGHT 6</del>	"		37 27	75 46	18.26 563	"	"	"	X					" - Moved	
	<del>LIGHT 7</del>	"		37 27	75 47	15.12 1391	"	"	"	X					" - Moved	
	<del>LIGHT 10</del>	"		37 27	75 48	50.00 1529	"	"	"	X					" - ok	

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

Crim sent CG 10/19/62 JH



## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

Tampa District Office

I recommend that the following objects which have ~~inspected~~ 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

V. Ralph Sobieralski  
Chief of Party.

STATE	CHARTING NAME	VIRGINIA	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE #		LONGITUDE #		DATUM							
				° /	" D.P. METERS	° /	" D.P. METERS								
		<u>VIRGINIA INSIDE PASSAGE</u>													
		<u>LITTLE MACHIFONGO CHANNEL TO GREAT MACHIFONGO CHANNEL</u>													
	<del>LIGHT 7</del>	SLOOP CHANNEL		37 28	59.04 1820	75 44	07.98 196	N.A. 1927	Photo	Apr.* 1961	X			1221	
	<del>LIGHT ②</del>	SLOOP CHANNEL		37 28	19.98 616	75 44	28.24 694	"	"	"	X			"	
	<del>DAYEN 2</del>	CUNIER CHANNEL <i>Longest part of Lockout go</i>		37 28	08.60 265	75 44	14.61 359	"	"	"	X			No Chart	
	<del>LIGHT</del>	NORTH CHANNEL JUNCTION		37 27	13.50 1341	75 43	57.13 1404	"	"	"	X			"	
	<del>DAYEN 2</del>	NORTH CHANNEL		37 27	12.54 240	75 45	38.25 940	"	"	"	X			"	
	<del>LIGHT 3</del>	(Little Machipongo Inlet North Channel Black Beacon 1933)		37 27	12.84 1220.7	75 45	52.72 1295.6	"	Triang.	"	X			"	
	<del>DAYEN 3A</del>	NORTH CHANNEL		37 27	32.05 1204	75 46	02.69 66	"	Photo	"	X			"	
	<del>DAYEN 4</del>	"		37 27	31.07 958	75 46	13.26 326	"	Plot	"	X			"	
		<u>LITTLE MACHIFONGO INLET</u>													
	<del>LIGHT</del>	LITTLE MACHIFONGO		37 27	11.950 368.4	75 40	30.636 753.0	"	Triang	July 25 1961 **	X			"	
		(Little Machipongo Inlet C.G. Lockout Tower, 1959) ht=50(52)													

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

SECONDS AND METERS  
Cover and CG 10/6/62 JHS

UNSCOMM-DC 16234-P81



## 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*

Charles H. Bishop  
Cartographer

Approved for Forwarding:

*Jeffrey G. Carlen*

Jeffrey G. Carlen, CDR, NOAA  
Chief, Coastal Mapping Division, AMC

Approved:

*Alfred C. Holmes*

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

Approved:

*W. K. Lloyd*

Chief, Photogrammetric Branch

*James A. ...*

Chief, Coastal Mapping Division







s T-11683

39°30"

X=2,825,000 FT

75°39'

38°30"



COMPARISON PRINT

Blue = T-8174 and AMS

35°29'

T-11688  
1:10,000



Joins T-1168

75° 41'

21

y=425,000FT

28

Chimney Pole Cr  
Chimney

COMPARISON PRINT

Blue - T-8174 and AMS

37° 27' 30"

Inlet

y=420,000FT

North

LITTLE MACHIPONGO LIGHT 1961 BKW  
(LITTLE MACHIPONGO INLET  
C.G. LOOKOUT TOWER 1959)  
ht 50 (52)

Marine  
Railway  
Pier  
Bldg

27'

T-11688  
1:10,000



Approx MHWL is TAMP  
interpretation from Apr

28'30"

Stingaree Pt

approx position subm cable

Approx LWL

PARRAMO

Approx LWL

62W 890

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



75°40'

89°30'

QUINBY INLET

35°28'

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



HOG 1933

60394

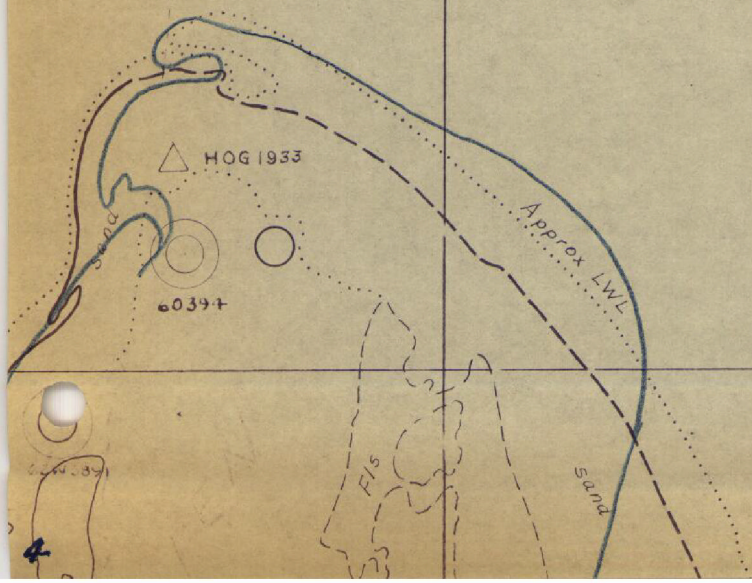
Approx LWL

# COMPARISON PRINT

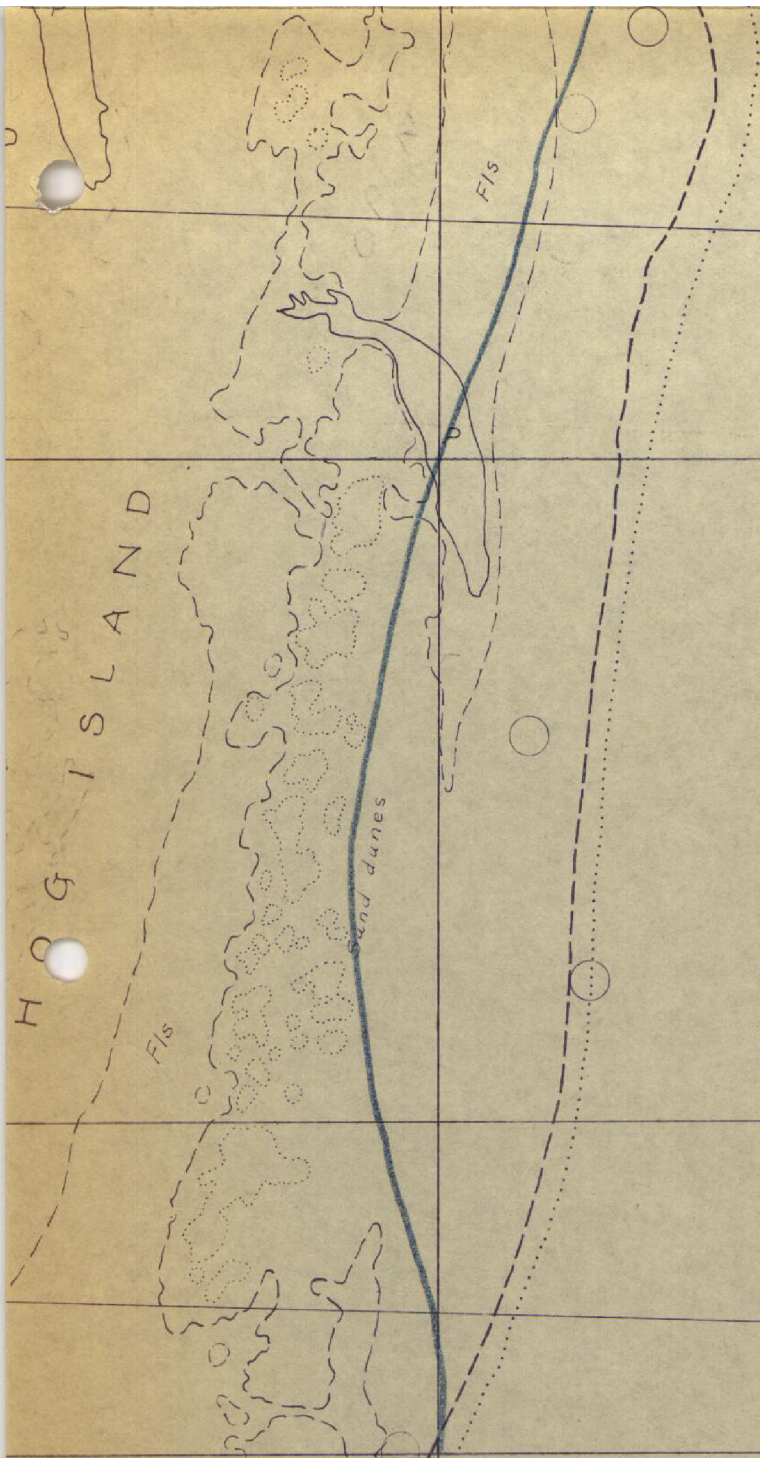
Blue = T-8174 and AMS

"The photogram  
offshore from th  
may not be co  
reviewed hydrogra  
should be co

T-11688  
1:10,000







37° 27'

COMPARISON PRINT

Blue = T-8174 and AMS

28'30"

75°40'

Joins T-11692

3930" X = 2,825,000 FT

cean shoreline, which is Class III  
that meets the  
Map Accuracy and  
mapping photog-  
ded and  
riga were

NOTE: Unlabeled circles are photogrammetric  
plot points; not map features

T-11688  
1:10,000