

# 11241

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Diag. Cht. Nos. 78-4 and 1221-2.

Form 504

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Type of Survey PlanimetricField No. Ph-119 Office No. T-11241

### LOCALITY

State VirginiaGeneral locality Chesapeake BayLocality Exmore1953-55

### CHIEF OF PARTY

E.H.Kirsch, Chief of Field Party

E.H.Kirsch, Balto. District Officer

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DATE September 1961

USCOMM-DC 5087

11241

DESCRIPTIVE REPORT - DATA RECORD

①

T -11241

PH-119  
Project No. (II): ~~25050~~(6119) Quadrangle Name (IV):

Field Office (II): Exmore, Virginia

Chief of Party: E. H. Kirsch

Photogrammetric Office (III): Baltimore, Maryland

Officer-in-Charge: E. H. Kirsch

Instructions dated (II) (III): 2 July 1953  
15 February 1956

Copy filed in Division of  
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): MHW

Mean sea level except as follows:  
Elevations shown as (25) refer to mean high water  
Elevations shown as (5) refer to sounding datum  
i.e., mean low water or mean lower low water

Reference Station (III): Exmore, 1942

Lat.: 37° 32' 21.990" (677.9 m) Long.: 75° 49' 23.660" (580.9 m)

Adjusted  
~~NAVD 83~~

Plane Coordinates (IV):

State: Virginia

Zone: South

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) 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.

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

②

Inapplicable

(11) (110)

DESCRIPTIVE REPORT - DATA RECORD

(3)

Field Inspection by (II): Richard L. McGlinchey

Date: November 1953

Planetable contouring by (II):

Date:

Completion Surveys by (II): NONE

Date:

Mean High Water Location (III) (State date and method of location): 1953 and 1955 dates of photography, supplemented by field inspection.

Field inspection of MHW was incomplete (Refer to side heading 35 of the Compilation Report)

Projection and Grids ruled by (IV): J. Thuma

Date: Jan. 29, 1954

Projection and Grids checked by (IV): A. Riley

Date: Feb. 2, 1954

Control plotted by (III): J. J. Schleupner

Date: April 25, 1955

Control checked by (III): J. Steinberg

Date: April 26, 1955

Radial Plot ~~by (III): J. J. Schleupner~~

Date: April 12, 1956

~~Control checked by (III): J. J. Schleupner~~  
Control checked by (III): E. L. Williams

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): J. Y. Council

Date: Aug. 1, 1956

Photogrammetric Office Review by (III): R. Glaser

Date: Aug. 9, 1956

Elevations on Manuscript  
checked by (II) (III):

Date:



# DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USC&GS nine-lens and single lens camera "W"

(4)

Number	Date	PHOTOGRAPHS (III) Time	Scale	Stage of Tide
40479 thru 40481	May 30, 1953	1253	1:10,000	2.0 above MLW
40530 thru 40532	"	1339	"	1.1 " "
40590	"	Clock stopped 1441 estimated	"	0.7 " " (est)
42582 and 42583	Nov. 26, 1953	1246	"	4.4 " "
55-W-4423	Mar. 10, 1955	1453	"	0.7 " "

## Tide (III) From Predicted Tables

Reference Station: Hampton Roads, Virginia  
Subordinate Station: Occohannock Creek  
Subordinate Station: Upshur Neck S. End

Ratio of Ranges	Mean Range	Spring Range
	2.5	3.0
0.7	1.8	2.2
1.0	4.4	5.3

Washington Office Review by (IV): S.G. Blankenbaker

Date: Dec., 1960

Final Drafting by (IV): Baltimore office

Date:

Drafting verified for reproduction by (IV): S.G. Blankenbaker

Date: Dec., 1960

Proof Edit by (IV): S.G. Blankenbaker

Date: Mar., 1961

Land Area (Sq. Statute Miles) (III): 26

Shoreline (More than 200 meters to opposite shore) (III): 31

Shoreline (Less than 200 meters to opposite shore) (III): 16

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 2

Recovered: 2

Identified: 2

Number of BMs searched for (II):

Recovered: 0

Identified: 0

Number of Recoverable Photo Stations established (III): 0

Number of Temporary Photo Hydro Stations established (III): 3

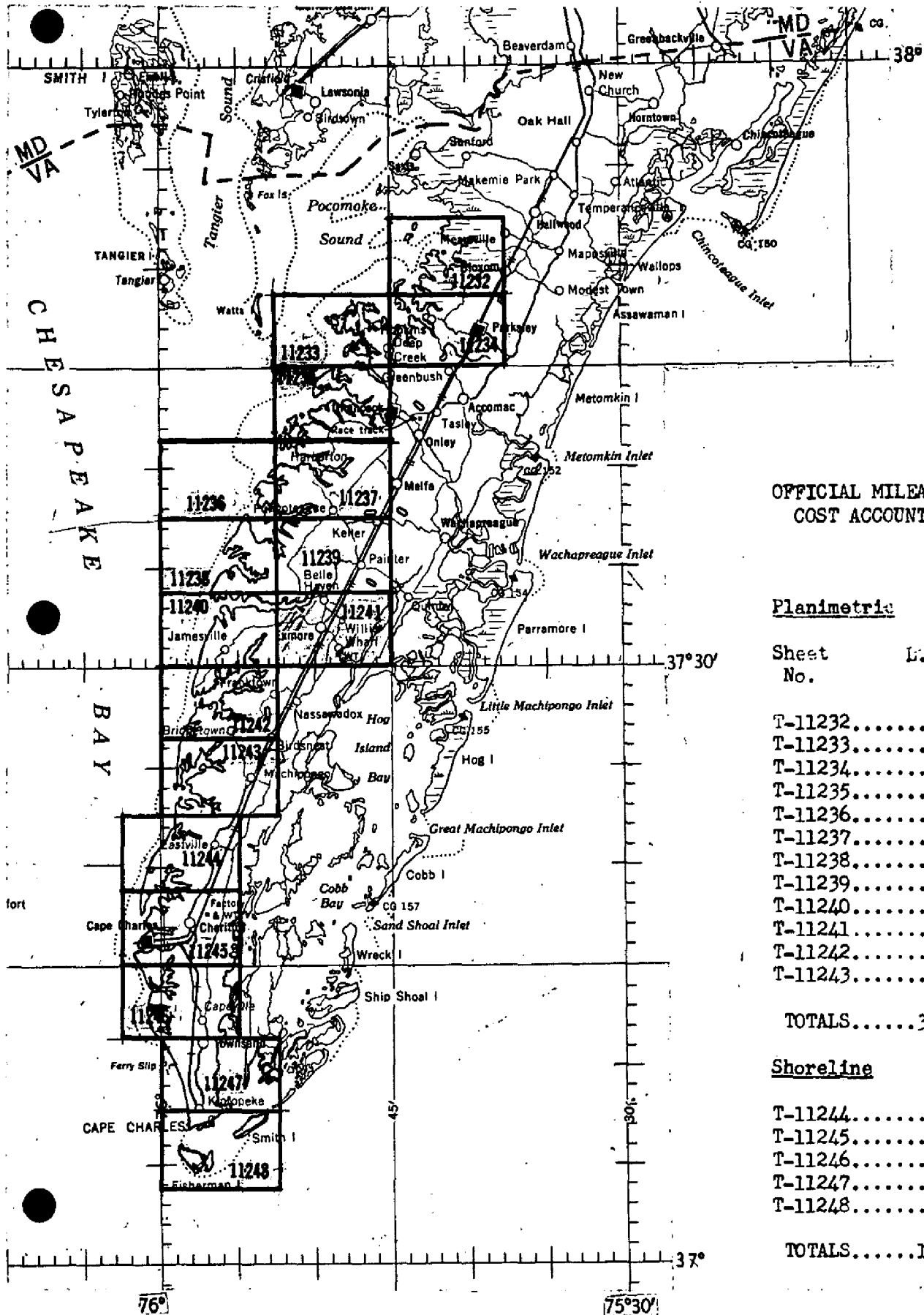
Number of Recoverable topographic stations searched for: 3 Recovered: 3

Remarks:

# PLANIMETRIC and SHORELINE MAPPING PROJECT PH-119

## CAPE CHARLES TO POCOMOKE SOUND, VIRGINIA

5



### OFFICIAL MILEAGE FOR COST ACCOUNTS

#### Planimetric

Sheet No.	L.M.S.	Sq. Miles
T-11232.....	32.....	18
T-11233.....	30.....	7
T-11234.....	20.....	26
T-11235.....	38.....	17
T-11236.....	8.....	2
T-11237.....	21.....	25
T-11238.....	25.....	9
T-11239.....	4.....	27
T-11240.....	27.....	15
T-11241.....	27.....	26
T-11242.....	39.....	19
T-11243.....	32.....	22

TOTALS.....303....213

#### Shoreline

T-11244.....	20.....	8
T-11245.....	30.....	5
T-11246.....	27.....	5
T-11247.....	37.....	10
T-11248.....	16.....	4

TOTALS.....130.....32



6

# SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

T-11241 is one of seventeen 1:10,000 scale maps in Project PH-119. The project covers the eastern shore of the Chesapeake Bay in Virginia from Beasley Bay (Lat. 37° 52' 45") southerly to Cape Charles (Lat. 37° 03' 45").

The project is subdivided into two sections. Section "A" comprised of planimetric surveys T-11232 to T-11243 covers the northern part of the project. Section "B" is comprised of shoreline surveys T-11244 through T-11248.

The principal purpose of the project was to provide shoreline and control for hydrographic surveys. In addition, contour revisions were required in section "A" for the purpose of revising Bureau War Mapping Quadrangles produced for the War Department (1943). In checking contours during field inspection no changes were found over the entire area that warranted changing the original contours. \* Refer to final review report.

Field work was accomplished in 1953<sup>& 1954</sup>. Radial plotting and graphic compilation were accomplished in the Baltimore Office. Nine-lens photographs taken in 1953 were used in radial plotting. The nine-lens photographs and single-lens photographs taken in 1955 were used in compilation.

Maps T-11232 through T-11237 were field edited in 1956. The remainder of the maps in the project will be registered as correct to the date of field inspection (1953).

A cronaflex positive of advance manuscript T-11241 was furnished the hydrographic survey party prior to sounding. Items registered under T-11241 will include a Descriptive Report and a positive impression on cronaflex of the scribed copy of the manuscript.

FIELD INSPECTION REPORT  
Quadrangles 11240, 11241, 11242, 11243  
Project Ph-119 (25050)  
E. H. Kirsch - Chief of Party

The field work for these quadrangles was done in compliance with the Director's instructions, Project Ph-119, dated 2 July 1953. All phases of field work listed below were accomplished by Richard L. McGlinchey, Cartographic Survey Aid.

Recovery and Identification of Horizontal Control	July 1953
Location of Fixed Aids to Navigation	November 1953
Shoreline Inspection	October 1953
Establishment of additional control for hydrography,	October 1953
Civil Boundary and Geographic Name Investigation	November 1953
Field Inspection	Oct. & Nov. 1953

2. AREAL FIELD INSPECTION

These quadrangles lie in the northern portion of Northampton County and include a small area of the southern portion of Accomack County. Eastville is the county seat for Northampton County. Exmore, population 1360, and Belle Haven, population 450, are the only two incorporated towns. There are many small communities throughout, and the area is very adequately served with primary and secondary roads. One major highway - U. S. 13 - runs northeast-southwest across the eastern section. The Pennsylvania Railroad maintains a double track road which parallels the highway on the east.

The Chesapeake Bay covers the western limits of the area. Leading east from the Bay are four large creeks forming a very irregular coast line. The Bay shore is sandy and is subject to extensive erosion.

The land area is about equally divided between woodland and cultivated farmland. The major industry is farming, with tomatoes, beans, potatoes, soybeans and cabbage the principal crops. Usually two crops a season are harvested. Fishing is a prominent industry, with Willis Wharf being a sizeable fishing port. Some crabbing, oystering and sport fishing is done in the creeks on the Bay side. Lumbering is done on a small scale with pine being the only timber worthy of lumber operations.

The quality of the photographs is good. Some field inspection in F11241 was done on the wings of the photographs as the photographic coverage in this area was incomplete. The compiler should have no difficulty in photographic interpretation. (See paragraph 6). The field inspection is believed to be complete.

### 3. HORIZONTAL CONTROL

(a) In order that additional control be established, two 8-mile monumented traverses were run. In 11240, and 11241, a traverse was completed from triangulation station TURNER, 1942 to EXMORE, 1942. Four monuments were set on this line. The traverse was closed on a Polaris azimuth at EXMORE, 1942 as the azimuth station has been destroyed. Third-order accuracy was obtained.

The quadrangles 11242 and 12243 a traverse was completed from triangulation station TANKARD, 1942 to TONGUE 3, 1942. Four monuments were set on this line. Third-order accuracy was obtained. Picture points were selected and identified at approximately one-half mile intervals on both lines. Plane coordinate positions were determined for all monumented stations and control points. Forms 709 and 738 are submitted.

(b) No datum adjustments were made by this party.

(c) None.

(d) None.

(e) All stations were searched for and reported on Form 526.

A short traverse was run from AYER 3, 1933 to a Sub. Pt. in order that the station be identified. All data for this is contained on the Form M-222612 for AYER 3, 1933. Stations reported lost or destroyed are:

JAM, 1911, - 11240  
TONGUE 2, 1911 - 11242

### 4. VERTICAL CONTROL

No vertical control was searched for other than the Tidal Bench Mark listed below:

BENCH MARK 2, 1914

No vertical control was established.

### 5. CONTOURS AND DRAINAGE

Project instructions required contour revision only to the 1942 survey. No area was found within these quadrangles where any topographic change would effect these contours. The new roads, borrow pits and areas of erosion, all fall between or under the 20-ft contour interval.

### 6. WOODLAND COVER

The greater portion of the woodland area has been classified as "trees". Some "scrub" areas are noted. With the absence of planetable contouring, defining swamp limits is difficult without excessive field work. As the photographs were taken when all foliage was on the trees, the tone difference between swamp and trees is not too visible on the photographs.



Generally, in all cases where long drains lead inland from the larger creeks, they are bordered by some swamp. These areas are outlined on the photographs at road crossings, field corners and other easily accessible places.

These areas as outlined on the photographs, should be considered approximate and are subject to change if they conflict with the contours that run adjacent to the drain. It is believed that swamp limits could be best outlined after drainage and contours have been applied and a further investigation made by the field editor.

Large areas of salt marsh are indicated on the field photographs.

#### 7. SHORELINE AND ALONGSHORE FEATURES

All the shoreline along the Chesapeake Bay is fast shoreline with a sand beach. Generally, all the shoreline in the four major creeks, and in Machipongo River and Parting Creek in the east section, is apparent shoreline. The tide range in the area is about two feet and the Mean High Water is well depicted on the photograph. Numerous measurements and planetable traverses were effected to obtain this. No attempt was made to outline the Mean Low Waterline.

Docks, wharfs and piers and other shoreline structures are all labeled on the field photographs. There are no submarine cables within the area.

#### 8. OFFSHORE FEATURES

A Lookout house has been built offshore in Hungar Creek, Quad. 11242, It stands 18 ft. above mean high water and is built on piling. Numerous offshore duck blinds were identified on the field photographs.

#### 9. LANDMARKS AND AIDS

(a) No landmarks for nautical charts are recommended.

(b) No interior landmarks are recommended for charting.

(c) One aeronautical landmark is recommended for charting. It is EXMORE TANK, 1953. It was located by theodolite cuts from points on the TURNER to EXMORE traverse line. Aircraft obstruction lights are mounted on the top of this 175 ft. tank. Form 567 is submitted.

(d) Seven fixed aids to navigation are recommended for charts. All are lights. These were located by theodolite cuts from topographic stations, photo points and triangulation stations when available. At least three cuts of strong intersection were taken to each Aid.

Great Machipongo River Channel Lt.'s 15 and 17 were pricked direct on the photographs. Cuts were also taken to check their position.

OCCOCHANNOCK CREEK CHANNEL DAYBEACON 3, has not been in evidence during the field operations of this project. All Aids are one pile structures.

#### 10. BOUNDARIES, MONUMENTS AND LINES

A check was made of all existing civil boundaries for changes since the 1942 survey. Belle Haven was incorporated in 1894 and there has been no change in the boundaries since. The county line between Accomack and Northampton is outlined in part on the field photographs. There has been no change in this line. The magisterial districts of PUNGOTEAGUE, FRANKTOWN and EASTVILLE remain unchanged.

Exmore was incorporated in 1949. A copy of the charter containing the corporate limits was abstracted from the records and is part of this report. Only a large wall map of this survey was available and it was not traced. The complete outline of the corporate limits are shown on Photographs 40530 and 40531. Some corners were recovered with the aid of the surveyor who made the original survey. These were identified by inspection and planetable methods. A separate parcel of land was acquired by the town after the original grant to include the area around the Exmore water tank. This 1950 survey of three lots, is not in agreement with the original survey of Exmore. A sketch of this survey is attached to this report.

No attempt was made to outline the boundaries of the Magisterial Districts on the photographs. These Lines have not been changed since the 1942 survey.

#### 11. OTHER CONTROL

All previously established topographic stations were searched for and reported on Form 524. Of these 25 are reported lost or destroyed and 22 were recovered and re-identified. In addition, seven new topographic stations were established. These are monumented stations, described on Form 524. They are:

BOOK, 1953 - T-11240  
EAST, 1953 - T-11240  
ALEX, 1953 - T-11240  
TURNER AZ MK (1942) 1953 - T-11240  
FATE, 1953 - T-11240  
TONGUE 3, AZ. MK (1942) 1953 - T-11242  
TOWER, 1953

Twenty-seven photo-hydro stations were established. These are prominent natural or cultural features, all inspected from offshore and pricked direct on the photographs. No Form M-2226-12 or Form 524 is submitted for these stations. A four letter word title and a brief

description of each is given on the field photograph. They are:

Quadrangle - 11240

APEX, 1953	-	Photo 40592
PINE, 1953	-	" 40329
DIKE, 1953	-	" 40329
BURN, 1953	-	" 40329
TANK, 1953	-	" 40329
WAKE, 1953	-	" 40329
MOCK, 1953	-	" 40328
WARP, 1953	-	" 40327
LARK, 1953	-	" 40592

Quadrangle - 11241

POLE, 1953	-	Photo 40479
MAST, 1953	-	" 40590
CHOP, 1953	-	" 40590

Quadrangle - 11242

FATE, 1953	-	" 40325
MOLL, 1953	-	" 40593
IVAN, 1953	-	" 40326
BONE, 1953	-	" 40327
KITE, 1953	-	" 40327
SOCK, 1953	-	" 40325
ZEKE, 1953	-	" 40593
CONE, 1953	-	" 40593
GALE, 1953	-	" 40324
SHELTON WINDMILL, 1953	-	Photo. 40592

Quadrangle - 11243

RAKE, 1953	-	Photo 40324
MUCK, 1953	-	" 40324
STEEL, 1953	-	" 40323
DECK, 1953	-	" 40323
ABLE, 1953	-	" 40323

## 12. OTHER INTERIOR FEATURES

Numerous overhead cable crossings exist over streams and waterways. Their positions and clearances from M.H.W. are shown on the photographs. These clearances were later checked and verified with the power companies.

Only two bridges are contained within the area. One of Willis Wharf, Quad. 11241. Clearances here check with those listed in the Bridge Book, 1941 edition with 1948 supplement. The other over Occohamock Creek, Quad. 11241. The vertical clearance here is at variance with the Coast Pilot, 1947 edition. See Coast Pilot report submitted by James E. Hundley for this project.

Roads were classified in accordance with paragraph 5441 of the topographic Manual and letter from the Chief, Div. of Photogrammetry, dated 16 July 1953. All primary and secondary roads in Accomack and Northampton County have established route numbers. No attempt was made during field



inspection to classify these routes on the photographs. County maps are being submitted showing these routes.

All buildings in rural areas were classified to assist the draftsman. Buildings within the built-up areas are to be considered class "one" unless otherwise specified.

One small airfield with sod runways is located in sheet 11242. This field accomadates light aircraft only, and is used mostly by crop dusters.

### 13. GEOGRAPHIC NAMES

An extensive check was made on geographic names in this area using U.S.E. Quadrangle sheet JAMESVILLE: A.M.S. quadrangle sheets EXMORE and FRANKTOWN as base maps. Names appearing on these sheets proved in excellent agreement with local usage, and are recommended for mapping with the exception of the changes listed below.

Delete CONCORD WHARF SCHOOL. Sheet 11240. The building is no longer used as a school.

Delete HOLLY GROVE COVE, sheet 11240. There is no name for this cove. HOLLY GROVE COVE is located about 1/4 mile south of here. (sheet 11242).

The unincorporated town of JAMESVILLE, sheet 11240 should embrace a larger area to include that portion of the community around the Jamesville Post Office and Bethel Church. ( See photograph 40328).

STEWARTS WHARF, sheet 11240, should be STEWARTS LANDING. *gnb 9/60 s/s*

CLUBHOUSE, sheet 11242, should be deleted. This area is known as DOWNING BEACH. It is a very popular colored resort. (See photograph 40327).

Delete NAVY DOCK, sheet 11243. Nothing remains of this feature but a few isolated cement pilings along the shoreline.

TAYLOR WHARF, sheet 11243, is misplaced. See photograph 40323 for correct position. This was the site of steamboat landings years ago, and although nothing remains at the site, the area is well known locally by that name.

Delete HUNGAR WHARF, sheet 11243. This wharf has been washed out for many years and the area has become desolate.

Delete the word "ABANDONED" under KELLAM FIELD. This field is often used.

All deletions, new names and name changes were verified in the field by visual inspection and three or more local residents.

The following name discrepancies were noted but were not investigated in the field.

The Atlantic Coast Light List, 1953 edition, page 387, Lists MATTAWOMAN CREEK LT., Lt. 2, Lt. 3 and Lt. 4. These lights are in the Hungar Creek Channel leading into Hungar Creek. Very little river traffic and no commercial boats use Mattawoman Creek.

The Atlantic Coast Light List, 1953 edition, page 310, lists GREAT MACHIPONGO CHANNEL LT. 15 and Lt. 17. Chart 1221 and other available maps list this waterway as Machipongo River and Parting Creek.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

One map of Northampton County showing route numbers is submitted with this report.

Submitted: 25 November 1953

Richard L. McGlinchey  
Carto. Sur. Aid

Approved and forwarded

*E. H. Kirsch*  
E. H. Kirsch,  
Capt. C&GS  
Baltimore District Officer

EXMORE

Corporate Limits

The Town Boundary: The Corporate Limits of the town of Exmore, Virginia, as heretofore established, are hereby reestablished, and shall be taken and deemed as the town of Exmore as follows: Beginning at a point located on the east right of way of the Pennsylvania Railroad Company, at a distance of eight hundred and fifty-eight and three tenths (858.3) feet north of mile post No. 73, thence running north fifty-six (56) degrees forty-five (45) minutes west seven hundred and one (701) feet across the Pennsylvania Railroad Company right of way, United States Highway Route 13, and along the south boundary of the land of the Coca-Cola Bottling Works to the center of Virginia State Highway Route (618), thence along the center line of Virginia State Highway Route 618 north forty-two (42) degrees forty-five (45) minutes east three hundred and two and seven tenths (302.7) feet, thence north forty-eight (48) degrees ten (10) minutes east, seven hundred and twenty-five and three tenths (725.3) feet, thence north forty-five (45) degrees six hundred and twenty-nine and four tenths (629.4) feet, thence north forty-two (42) degrees twenty (20) minutes east four hundred and fifty-three and five tenths (453.5) feet to a point at the intersection of United States Highway Route 13 and Virginia State Highway Route 618, thence across the lands of M. J. Duer & Co., Inc. and others north fifty-six (56) degrees thirty (30) minutes west eleven hundred and twenty-seven (1127) feet to a point, thence north thirty-three (33) degrees thirty (30) minutes east across lands of Duer and others five hundred and

nineteen and one tenth (519) feet to a point which is approximately on line of land of C. J. Prettyman and M. J. Duer & Co., Inc. thence north fifty-six (56) degrees thirty (30) minutes east thirteen hundred and seventy-nine and five tenths (1379.5) feet to a point, thence north sixty (60) degrees thirty (30) minutes west seventeen hundred and thirty-three (1733) feet across Prettyman land to a point, thence north two (2) degrees fifteen (15) minutes east three hundred and fifty seven and three tenths (357.3) feet to a point across land of Paul Turner and C. J. Prettyman, thence north forty-three (43) degrees forty-five (45) minutes east a distance of twenty-three hundred and thirty-five (2335) feet across lands of Pearl Sample, Virginia State Highway Route 183, Upshur Sample Asa Sample's heirs, James Turner, John Turner's heirs and others to a point, thence north eighty (80) degrees forty (40) minutes east eleven hundred and eighty-nine (1189) feet across Harry Kellam land and James Turner land to a point in the east side of Virginia State Highway Route 178, thence south seventy (70) degrees forty-five (45) minutes east seven hundred and seventy-three (773) feet across James Turner land to a point, thence south twenty-seven (27) degrees fifteen (15) minutes east one thousand and eighty-two (1082) feet across lands of Oscar Willett and others to a point on edge of United States Highway Route 13, and the lands of E. D. Brown, M. J. Duer, Pennsylvania Railroad Company and Charles Tankard south thirty-two (32) degrees ten (10) minutes east nine hundred and thirty-two (932) feet to a point, thence south one (1) degree five (5) minutes east twenty-six hundred and ten (2610) feet across land of Charles Tankard, Moses, Harmon, George Stevens and C. J. Prettyman to a point, thence south forty-one (41) degrees forty-five (45) minutes west one thousand and sixty (1060)

feet to a point on lands of W. J. Rew. Thence across land of W. J. Rue Willis Wharf Exmore Road, land of W. L. Cosby, Josephine Masi, Robert T. Gladstone and others and Northampton Lumber Company south seventy-seven (77) degrees thirty (30) minutes west twenty-four hundred and eighty-two (2482) feet to a point located on the right of way line of the Pennsylvania Railroad Company, thence along the east right of way line of the Pennsylvania Railroad Company south thirty-three (33) degrees thirty (30) minutes west a distance of twenty-one hundred and sixty-six and eight tenths (2166.8) feet to the point of beginning.

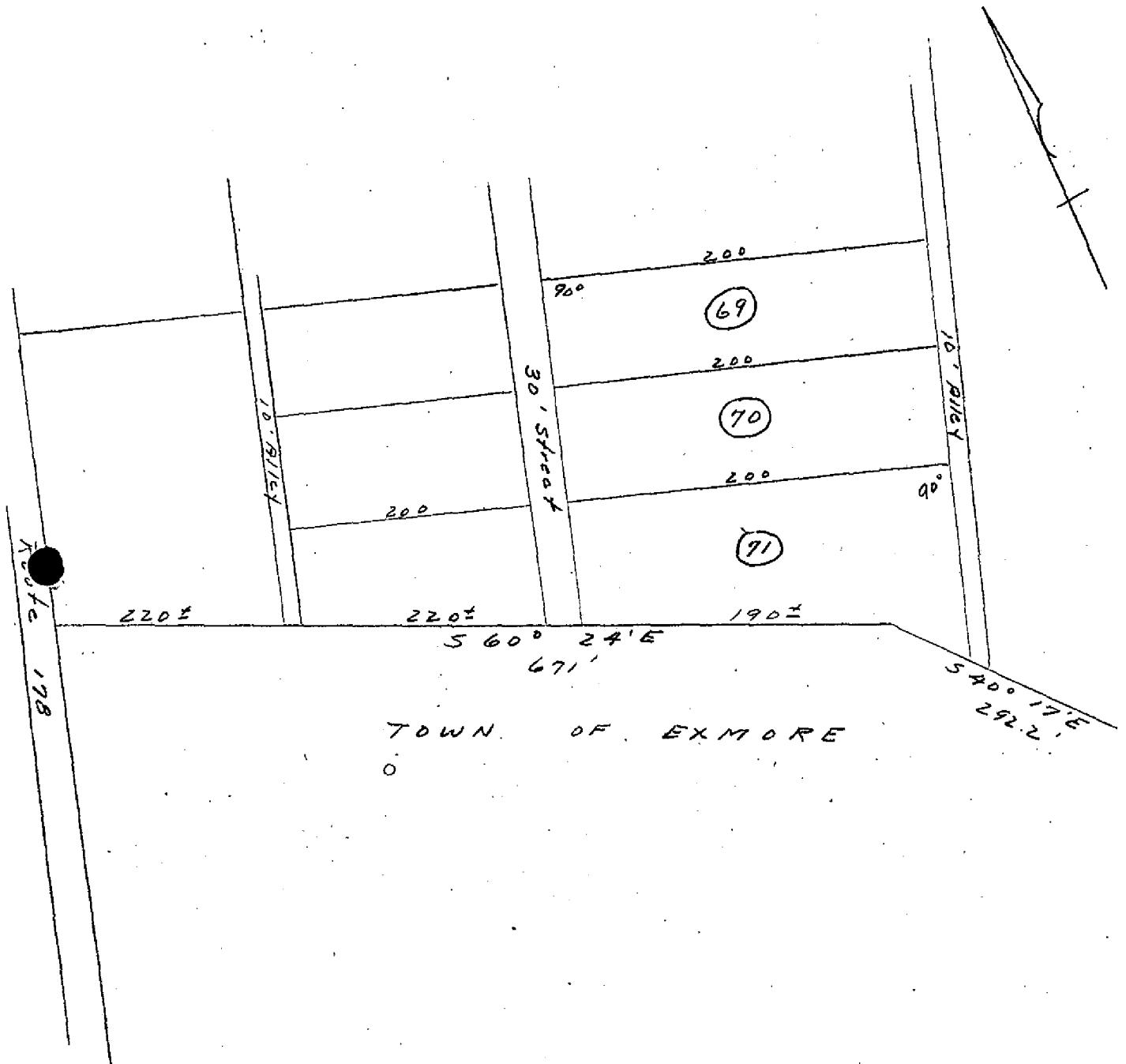
This deed, made this 10th day of April 1950, between B. N. Mears, Jr., of Accomack County, Va., and the town of Exmore, a municipal corporation, located in Northampton county, Va.

----- All those 3 lots, designated as lots 69, 70 and 71, in Block A, on a map or plat of the subdivision of B. N. Mears, Jr., property, located near Belle Haven, Northampton County and recorded in the clerks office of Northampton County plat book 5, page 24 to which map or plat reference is hereby made for a more accurate description of the three said lots.

# EXMORE CORPORATE LIMITS

- 17 -

Sketch showing portion of plan recorded in clerks office,  
Northampton County, Plat Book 5, Page 24



MAP T. 11241

PROJECT NO. 25050 (6119)

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\alpha$ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
EXMORE TANK, 1953	Field Comp. Form 709	N.A. 1927	451,021.86 2,776,647.09	1021.86 1647.09	(3978.14) (3352.91)		311.5 502.0	(1212.5) (1022.0)	
CHURCH, 1953	"	"	448,556.97 2,765,018.89	3556.97 018.99	(1443.03) (4981.01)		1084.2 5.8	(439.8) (1518.2)	
Sub. Point CHURCH, 1953	"	"	448,452.01 2,764,889.64	3452.01 4889.64	(1517.99) (110.36)		1052.2 1490.4	(471.8) (33.6)	
CONTROL PT. 6	"	"	448,491.38 2,763,156.26	3491.38 3156.26	(1508.62) (1843.74)		1064.2 962.0	(459.8) (562.0)	
CONTROL PT. 4	"	"	450,692.78 2,767,396.52	692.78 2396.52	(4307.22) (2603.48)		211.2 730.5	(1312.8) (793.5)	
CONTROL PT. 3	"	"	449,256.79 2,769,788.37	4256.79 4788.37	(743.21) (211.63)		1297.5 1459.5	(226.5) (64.5)	
TE-22 (CONTROL PT. 2)	"	"	448,198.87 2,771,577.17	3198.87 1577.17	(1801.13) (3422.83)		975.0 480.7	(549.0) (1043.3)	
CONTROL PT. 1	"	"	448,522.01 2,774,046.90	3522.01 4046.90	(1477.99) (953.10)		1073.5 1233.5	(450.5) (290.5)	
EXMORE, 1942	G-5462 p. 487	"	37° 32' 21.990" 75 49 23.660				677.9 580.9	(1171.8) (892.1)	
Sub. Point EXMORE, 1942	Comp.	"	37 32 75 49				666.2 557.6	(1183.5) (915.4)	
AYER 3, 1933	G-1800 p. 113	"	37 32 01.643 75 44 23.799				50.7 584.3	(1799.1) (886.8)	18
Sub. Point AYER 3, 1933	Comp	"	37 32 75 44				546.6 898.2	(1303.2) (574.9)	18

1 FT. = 3048006 METER

COMPUTED BY: J. Steinberg

DATE 4/20/54

CHECKED BY: H. R. Rudolph

DATE 29 March 1955

COMM-DC-5784

COMPILATION REPORT  
T-11241

The Photogrammetric Plot Report is part of the Descriptive Report for Survey T-11239.

31. DELINEATION

This manuscript was compiled by graphic methods. The 1955 single lens photographs were used where coverage was available in the NW corner of the survey.

32. CONTROL

Refer to the Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

The A.M.S. Exmore quadrangle was used for geographic names.

Virginia State highway maps, Accomack County and Northampton County were used for highway numbers.

The boundary of Belle Haven was taken from the Accomack County highway map.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.

Drainage: Field inspection of perennial drainage was not complete. The Exmore quadrangle shows an extensive pattern of intermittent streams, some of which should not be mapped under present standards. Several drains were shown as "unsurveyed" in wooded areas where the stream was not visible.

The delineation of the swamp areas is based on the field inspection and on the appearance of the tree cover on the single lens photographs, where such coverage exists. Verification by field edit is considered necessary. Refer to paragraph 6 of the field report.

35. SHORELINE AND ALONGSHORE DETAILS

Very little shoreline inspection was given of the MHWL, apparent shoreline and none of the low water line. These features were delineated mainly by office interpretation.

36. OFFSHORE DETAILS

No comment.



37. LANDMARKS AND AIDS

Forms 567 are being submitted for two non-floating aids and one aeronautical landmark.

38. CONTROL FOR FUTURE SURVEYS

Three photo-hydro stations are located on this manuscript. See paragraph 49. Recovery cards, Forms 524, are being submitted for three stations recovered and one station not recovered. Discrepancies of as much as 16 meters were noted in the positions of these stations compared with the previous positions.

39. JUNCTIONS

Junctions have been made with Survey T-11239 to the north and survey T-11240 to the west.

Junctions with Bureau surveys T-8440 (1942) to the east and T-8174 (1942) to the south are considered to be fair. *Junction with USGS quad, WACHAPREAGUE, VA., 1957 is good. Differences exist in interpretation of*  
40. HORIZONTAL AND VERTICAL ACCURACY *Apparent Shoreline.*

Refer to the Photogrammetric Plot Report.

41 - 45 Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the A.M.S. Exmore quadrangle, scale 1:25,000, edition of 1947, which was based on Bureau survey T-8172 (1942) scale 1:20,000.

47. COMPARISON WITH NAUTICAL CHARTS

<u>Chart</u>	<u>Scale</u>	<u>Published</u>	<u>Corrected to</u>
1221	1:80,000	April 1943	7/16/55
1223	1:80,000	August 1955	11/12/55

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Approved and Forwarded  
*E. H. Kirsch*  
E. H. Kirsch, Capt. C&GS,  
Baltimore District Officer

Respectfully submitted *1 August 1956*  
*Judson Y. Council*  
Judson Y. Council  
Carto. Photo. Aid

49. NOTE TO HYDROGRAPHER

The following are the recoverable topographic stations located on this manuscript:

BRIDGE, 1953  
SPIRE, 1953  
TANK, 1953

The following are the photo-hydro stations located on this manuscript:

CHOP	NE offshore corner of pier.
MAST	50' mast pole anchored in pier.
POLE	65' high power pole.



50.

# PHOTOGRAMMETRIC OFFICE REVIEW

T- 11241

1. Projection and grids ☒ 2. Title ☒ 3. Manuscript numbers ☒ 4. Manuscript size ☒

## CONTROL STATIONS

4a. Classification label ☒

5. Horizontal control stations of third-order or higher accuracy ☒ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ☒ 7. Photo hydro stations ☒ 8. Bench marks ☒ 9. Plotting of sextant fixes ☒ 10. Photogrammetric plot report ☒ 11. Detail points ☒

## ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ☒ 13. Low-water line ☒ 14. Rocks, shoals, etc. ☒ 15. Bridges ☒ 16. Aids to navigation ☒ 17. Landmarks ☒ 18. Other alongshore physical features ☒ 19. Other along-shore cultural features ☒

## PHYSICAL FEATURES

20. Water features ☒ 21. Natural ground cover ☒ 22. Planetable contours ☒ 23. Stereoscopic instrument contours ☒ 24. Contours in general ☒ 25. Spot elevations ☒ 26. Other physical features ☒

## CULTURAL FEATURES

27. Roads ☒ 28. Buildings ☒ 29. Railroads ☒ 30. Other cultural features ☒

## BOUNDARIES

31. Boundary lines ☒ 32. Public land lines ☒

## MISCELLANEOUS

33. Geographic names ☒ 34. Junctions ☒ 35. Legibility of the manuscript ☒ 36. Discrepancy overlay ☒ 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒ 40. P. Glaser Frank J. Lareya

Reviewer

Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

## FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

Supervisor

43. Remarks:

GEOGRAPHIC NAME LIST

Bell Neck  
Bell Neck Swamp  
Belle Haven  
Belle Haven Station

Cats Bridge  
\*Chesapeake Bay (Title)  
Coal Kiln Branch

Exmore

Fisher Cove  
Fisher Point

Hadlock  
Hells Island

\*Machipongo River  
Miles Wharf  
Moreland Swamp

\*Nassawadox Creek

Occohannock Creek

\*Parting Creek  
Pennsylvania R.R.

Red Hill  
Rue Wharf

Savage Town  
Shields Cove  
Shields Creek  
Shields Wharf

The Oaks  
TB Crossroads

\*Upshur Bay  
Upshur Neck

Wardtown  
Wescott Cove  
Willis Wharf

\* B.G.N. Decision

*James M. Bane*  
GEOGRAPHIC NAMES SECTION  
19 SEPTEMBER 1960

REVIEW REPORT T-11241  
PLANIMETRIC  
December 1960

61. General Statement:

This map was not field edited. A field investigation would be necessary for completion and correction of interior details and shoreline on the Atlantic Coast (east) side of the survey. Bureau requirements for coastal surveys for nautical charting are met on the Chesapeake Bay (west) side of T-11241. T-11241 furnished shoreline for contemporary hydrographic survey H-8447 in this area. Inadequacies and/or discrepancies are discussed under side headings numbers 63, 65, and 66 of this report.

62. Comparison with Registered Topographic Surveys:

No. 350-1:20,000-1851	No. 2663-1:20,000-1904
No. 1204-1:20,000-1871	No. 8172-1:20,000-1942

T-11241 supersedes the prior Bureau surveys for nautical charting purposes in common areas.

63. Comparison with Maps of Other Agencies:

Exmore, Va. (AMS)	1:25,000	1943
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This quadrangle was produced by the Coast and Geodetic Survey for the War Department. The Bureau registry number of the survey is T-8172. T-11241 and the topographic quadrangle are in good agreement overall in horizontal position of common details.

PH-119 instructions required contour revision for the purpose of revising the War mapping quadrangles in the area. No topographic changes affecting the contours were found during field inspection. The surveys differ considerably in the location of drainage in wooded areas. Contours would have to be changed considerably to agree with drainage on the new survey. Field inspection of perennial drainage and swamp areas was incomplete.

The azimuth of the Accomack-Northampton County boundary line between Occohannock Creek and Parting Creek and the course of the boundary down Parting Creek are not in agreement with the line on the Exmore quadrangle. The location of the line should be verified in the field.

- 2 -

64. Comparison with Contemporary Hydrographic Surveys:

H-8447	1:10,000	1958
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The sources of the shoreline on H-8447 (smooth sheet) are T-11238, T-11239, T-11240 and T-11241. T-11241 was compared with the reviewed smooth sheet. No corrections affecting the hydrographic survey were made during the final review of T-11241. Shoreline and soundings are in agreement.

65. Comparison with Nautical Charts:

1223	1:80,000	6th Edition	7-25-60
1221	1:80,000	8th Edition	6-20-60

There are minor differences between the charts and the planimetric survey. The overhead cable east of Willis Wharf on the Machipongo River will be moved on Chart 1221 to agree with its location on the planimetric survey. The landmark tank at Exmore will be removed from Chart No. 1221 to agree with this survey (field data).

66. Adequacy of Results and Future Surveys:

With several possible exceptions, this map meets the National Standards of Map Accuracy. Possible inaccuracies in drainage, the Accomack-Northampton County line and the shoreline on the Atlantic Coast side of the survey were discussed previously. Additional inadequacies are (1) No field information was furnished for mapping the town of Belle Haven boundary. (2) The field inspection of roads was incomplete.

67. Bridge and Cable Clearance Data:

Occohannock Creek (North of Rue Wharf) - 32 ft. MHW  
 Shields Cove - 63 ft. MHW  
 Machipongo River - 43 ft. MHW  
 Bridge (North of Rue Wharf)  
     Fixed  
     Horizontal Clearance 30 ft.  
     Vertical Clearance 4 ft. MHW

- 2 -

Bridge (South of Willis Wharf)

Fixed

Horizontal Clearance 30 ft.

Vertical Clearance 8.5 ft.

Reviewed by:

S. G. Blankenbaker

S. G. Blankenbaker

APPROVED BY:

L. C. LandeChief, Review & Drafting Sec.  
Photogrammetry DivisionJ. E. Baugh  
Chief, Nautical Chart  
Division 10/5/61L. F. Woodcock  
Asst. Chief, Photogrammetry  
DivisionJ. Bowie  
Chief, Operations Division

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEYAERONAUTICAL  
~~NON-FLOATING AIDS OR LANDMARKS FOR CHARTS~~TO BE CHARTED  
~~FOR BEING DELETED~~

STRIKE OUT ONE

Exmore, Virginia

18 August, 1953

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

The positions given have been checked after listing by

P. J. Tarcza

*E. H. Kirsch*  
E. H. Kirsch

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE #		LONGITUDE #									
				°	'	D. M. METERS	°	'	D. P. METERS						
VIRGINIA	EXMORE TANK	steal, 175 ft. (elevated)		37	32	30.659	75	49	15.568	N.A.	8/18/53				1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2808-2809-2810-2811-2812-2813-2814-2815-2816-2817-2818-2819-2820-2821-2822-2823-2824-2825-2826-2827-2828-2829-2830-2831-2832-2833-2834-2835-2836-2837-2838-2839-2840-2841-2842-2843-2844-2845-2846-2847-2848-2849-2850-2851-2852-2853-2854-2855-2856-2857-2858-2859-2860-2861-2862-2863-2864-2865-2866-2867-2868-2869-2870-2871-2872-2873-2874-2875-2876-2877-2878-2879-2880-2881-2882-2883-2884-2885-2886-2887-2888-2889-2890-2891-2892-2893-2894-2895-2896-2897-2898-2899-2900-2901-2902-2903-2904-2905-2906-2907-2908-2909-2910-2911-2912-2913-2914-2915-2916-2917-2918-2919-2920-2921-2922-2923-2924-2925-2926-2927-2928-2929-2930-2931-2932-2933-2934-2935-2936-2937-2938-2939-2940-2941-2942-2943-2944-2945-2946-2947-2948-2949-2950-2951-2952-2953-2954-2955-2956-2957-2958-2959-2960-2961-2962-2963-2964-2965-2966-2967-2968-2969-2970-2971-2972-2973-2974-2975-2976-2977-2978-2979-2980-2981-2982-2983-2984-2985-2986-2987-2988-2989-2990-2991-2992-2993-2994-2995-2996-2997-2998-2999-3000-3001-3002-3003-3004-3005-3006-3007-3008-3009-3010-3011-3012-3013-3014-3015-3016-3017-3018-3019-3020-3021-3022-3023-3024-3025-3026-3027-3028-3029-3030-3031-3032-3033-3034-3035-3036-3037-3038-3039-3040-3041-3042-3043-3044-3045-3046-3047-3048-3049-3050-3051-3052-3053-3054-3055-3056-3057-3058-3059-3060-3061-3062-3063-3064-3065-3066-3067-3068-3069-3070-3071-3072-3073-3074-3075-3076-3077-3078-3079-3080-3081-3082-3083-3084-3085-3086-3087-3088-3089-3090-3091-3092-3093-3094-3095-3096-3097-3098-3099-3100-3101-3102-3103-3104-3105-3106-3107-3108-3109-3110-3111-3112-3113-3114-3115-3116-3117-3118-3119-3120-3121-3122-3123-3124-3125-3126-3127-3128-3129-3130-3131-3132-3133-3134-3135-3136-3137-3138-3139-3140-3141-3142-3143-3144-3145-3146-3147-3148-3149-3150-3151-3152-3153-3154-3155-3156-3157-3158-3159-3160-3161-3162-3163-3164-3165-3166-3167-3168-3169-3170-3171-3172-3173-3174-3175-3176-3177-3178-3179-3180-3181-3182-3183-3184-3185-3186-3187-3188-3189-3190-3191-3192-3193-3194-3195-3196-3197-3198-3199-3200-3201-3202-3203-3204-3205-3206-3207-3208-3209-3210-3211-3212-3213-3214-3215-3216-3217-3218-3219-3220-3221-3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DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED  
TO BE CHARTED

**STRIKE OUT ONE**

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

**Baltimore, Maryland**

August 1956

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

The positions given have been checked after listing by **R. Glaser**

E. H. Kirsch

*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



## NAUTICAL CHARTS BRANCH

SURVEY NO. T-11241

### Record of Application to Charts

[illegible]

M.2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.