

8303

Original

Disq'd. o. Diag. Ch. No. 78-3

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photographic Topographic

Field No. _____ Office No. T-8303

LOCALITY

State Virginia

General locality Hampton Roads

Locality Willoughby Beach

194 4

CHIEF OF PARTY
F.L. Gallen
Fred. I. Peacock

LIBRARY & ARCHIVES

DATE _____

8303

Partially applied to sheets 830 and 452

" " " " 400

Examined - no correction 452

applied to Ch. 1222 11/19/49 LHE

WAW 7/14/71

~~WAW~~ 7-15-46

T20 3/8/49

DATA RECORD

T- 8303

Quadrangle (II): $7\frac{1}{2}$ minute *Norfolk North, Va.* Project No. (II): C.S. 289
N3652.5-W7615/7.5

Field Office: Suffolk, Va.

Chief of Party: F. L. Gallen

Compilation Office: Baltimore, Md.

Chief of Party: Fred. L. Peacock

Instructions dated (II III):

Mar. 13, July 10, Oct. 20, and Nov. 25, 1943
 Jan. 18, 1944

Copy filed in Descriptive
 Report No. T- (VI)

Completed survey received in office: *5/16/44*Reported to Nautical Chart Section: *5/17/44*Reviewed: *6/6/44*

Applied to chart No.

Date:

Redrafting Completed: *6/30/44*Registered: *7/8/46*Published: *1944*

Compilation Scale: 1:20,000

Published Scale: *1:25,000*

Scale Factor (III): None

Geographic Datum (III): N. A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): WALL, 1929

Lat.: $36^{\circ} 54' 17.581''$ (542.0m) Long.: $76^{\circ} 17' 37.347''$ (924.6m) *Adjusted*
~~Unadjusted~~

State Plane Coordinates (VI): *Virginia, South Zone*X = *2,645,053.32 ft.*Y = *215,627.77 ft.**State grid not to be shown on published map.*

Military Grid Zone (VI) "A"

Also shown Special Harbor Defense Grid, Norfolk Area.

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12628(11) to 12632 Inc.	11/28/42	1:40 to 1:45 P.M.	1:20,000	Mean High-Water
12639 to 12640 Inc.	11/28/42	1:53 P.M.	1:20,000	" " "
12578 to 12582 Inc.	11/28/42	11:45 A.M. to 12:15 P.M.	1:20,000	" " "
12568 to 12569 Inc.	11/28/42	11:30 A.M.	1:20,000	" " "

Tide from (III); Predicted tables 1942, Reference Station, Hampton Roads
Naval Base, Va.

Mean Range: 2.5 ft.

Spring Range: 3.0 ft.

Camera: (Kind or source) U. S. C. & G. S. nine lens camera (8 1/4" focal length)

Field Inspection by: Donald G. Flipppo, E. Earl Nugent date: Jan. 1944
Contouring by: E. Earl Nugent

Field Edit by: date:

Date of Mean High-Water Line Location (III):

Base
Projection and Grids ruled by (III) P.J.H. - J.T.B. date: 2/23/44

" " " checked by: B.R.C. date: 2/23/44

Control plotted by: M. Trautman date: 3/1/44

Control checked by: M. Walworth date: 3/3/44

Radial Plot by: Joseph Steinberg & J. Edward Deal, Jr. date: 3/22 to 3/27/44

Detailed by: Raymond Glaser & Eleanor Herzog date: 3/29 to 5/15/44

Reviewed in compilation office by: W. H. Van Loon date: 5/15/44

Elevations on Field Edit Sheet
checked by: J. Rihn from field photos date:

STATISTICS (III)

Land Area (Sq. Statute Miles); 23

Shoreline (More than 200 meters to opposite shore); 31 Statute Miles

Shoreline (Less than 200 meters to opposite shore); 15 Statute Miles

Number of Recoverable Topographic Stations established; 11 (3 tidal bench marks, 5 bench marks, 3 hydrographic and topographic)

Number of Temporary Hydrographic Stations located by radial plot; None

Leveling (to control contours) - miles;

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

(II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks;

General Procedure in the Production of Topographic Quadrangles for the War Department

This quadrangle, together with similar adjoining maps produced under Project C.S. 289-41 was prepared by the Coast and Geodetic Survey for the War Department under "General Specifications for War Department Mapping Program" issued about December 1941, in which is incorporated the "Standard of Accuracy for a National Map Production Program" issued by the Bureau of the Budget under date of June 10, 1941.

The general procedure in the production of this and the adjoining quadrangles was:

FIELD SURVEYS

Aerial photography with the Coast and Geodetic Survey nine-lens camera, with airplane and flight crew furnished by the U. S. Coast Guard. The photographs were taken to the scale of 1:20,000.

Ground inspection of the photographs for identification of control points, and classification and clarification of planimetric details on the photographs.

Contouring by planetable directly on the photographs. Supplementary vertical control was established by means of an extensive subordinate level net, furnishing unmarked elevations at road intersections, drive-ways, and numerous other points identifiable on the photographs.

COMPILATION OF MANUSCRIPT

Compilation on the map manuscripts by radial plot methods (celluloid hand templates) of all planimetry and contours. These manuscripts were drawn on the scale of 1:20,000 on celluloid sheets on which polyconic projections had been ruled with the Projection Ruling Machine in the Washington Office. Compilation was accomplished in the Baltimore Tampa Photogrammetric Office.

FIELD EDIT

Comparison of a copy of the manuscript with the ground. This included inspection for completeness and accuracy as well as the location by planetable methods of additional details, checking of nautical and aeronautical aids to navigation, etc.

Accuracy Tests - Application of systematic horizontal and vertical accuracy tests to check the maps for conformity with the specifications. These tests consisted of comparison of the map position and elevation of selected random points with the true position and elevation as independently determined by standard survey methods.

PROCESSING IN THE WASHINGTON OFFICE

Review - Examination of the manuscript for accuracy and completeness of compilation and compliance with specifications, correcting where necessary; addition of military and state grids and other special features; and verification of the general adequacy of the manuscript as a basis for the production of a finished map.

Drafting and Reproduction - Preparation of smooth color separation drawings on 1:20,000 scale on metal-mounted "blue-line" copies of the manuscript. From these drawings, negatives and printing plates were prepared for reproduction of the finished map on the scale of 1:31,680 or 1:25,000.

FIELD INSPECTION REPORT
QUADRANGLE T-8303
Project CS-289
F.L. Gallen, Chief of Party

1. About one-third of the area of this quadrangle is land area, the remainder is water area. The land area lies in Norfolk County, Virginia, along the eastern shore of Hampton Roads and includes part of the City of Norfolk, The Norfolk Naval Operating Base and Naval Air Station and several other military establishments, and developed areas.

The land is low and flat and the only twenty foot contour is around a small sand dune at Ocean View. Several tidal streams indent the area. The Lafayette River is navigable but Mason Creek is being filled-in in the lower part and will soon be "made land" within the limits of the naval reservation.

Many good roads lie in the area and they carry a heavy load of traffic. Several railroads have extensive yards in the area.

2. The field inspection is thought to be complete. Some construction work has been done in the area since the photographs were taken and the construction is continuing. Maps are being submitted for the areas of new construction and with the photographs furnished it is thought the necessary detail can be transferred from the maps.

Boush Creek is nearly completely filled in. Fill material is pumped in and then allowed to dry before a new batch is added. The notes on the photographs refer to this process.

A letter from the office of the Commanding Admiral of the Naval Operating Base states that no detail is to be shown inside of reservations under the Control of the Navy; this includes the Maritime Commission reservation. The matter has been referred to the Director for any further action as regards detail to be shown.

The buildings to be shown at Fort Wool are indicated on a photograph.

See also the Field Inspection Report for T-8299.

3. 8 to 12 See Report for T-8299.
13. There are no landing fields outside the bounds of the military reservations. The aeronautical aids are of a secret nature and are not to be shown.
14. 14 to 16 See Report for T-8299.

- 22
17. Some boundary lines have been shown on the photographs and maps are being submitted to fill in any voids. The boundary of the Maritime Commission reservation includes a strip of land on either side of the government owned railroad serving the dock, but the railroad itself should be considered as detail inside a military reservation under the jurisdiction of the Navy.

See the Report for T-8296 for statement regarding the Norfolk City Limits.

18. See Report for T-8299.

Submitted by

E. Earl Nugent au J. H. G.

E. Earl Nugent
Sr. Photo. Aid

Approved and forwarded

F. L. Gallen

F. L. Gallen
Chief of Party

26 CONTROL:

Thirty three horizontal control stations were recovered and identified on the nine lens field photographs by the Field Party. Those falling within the detailed limits of the Map Manuscript are:

SCHOOL, 1943
FORT WILL ECC. (U.S.E.) 1939
WILL, 1943
L.E.H. (U.S.E.) 1932
BLACK STACK, 1929, r.1932
LAWN, 1943
CRANEY ISLAND L.H., 1903, r.1932
CHIM, 1929
DOK, 1943
CHECKERED TANK, 1932
WALL, 1929
U.S. SHIPPING BOARD TANK, 1919, r.1932
MOORE, 1943
BABE, 1929
BRIDGE, 1929

Those falling just outside the limits of the Map Manuscript are:

SLATE COLORED HOUSE GABLE, 1906, 1919, 1942
YELLOW HOUSE ROUND CUPOLA, 1906, 1919, 1942
HALPTON CR. RED BEACON, 1919
VETERAN, 1941
RUGGLES, 1939
GOLF, 1941
UNION, 1941
CURVE, 1941
OLD POINT COMFORT L.H., 1866, 1896, 1919, 1929
DARLING WATCH HO. CHY., 1919
BUXTON HOSP. CUPOLA, 1919, 1931
NEWPORT NEWS MIDDLE GROUND L.H., 1903, 1932
CRANE, 1940
WEST NORFOLK TANK, 1932
SMILT, 1913, 1929
HOSPITAL, 1913, 1929
POTTERHOUSE SOUTH CHY., 1913
GARRETT, 1912, 1932

26 CONTROL: (Continued)

RADIO TRANSMITTING TOWER, 1941

The Field Party established Field Inspection points, at well defined points of detail, near many of the horizontal control stations.

All of the horizontal control stations mentioned were used to establish photograph centers, secondary control points, and detail points.

27 RADIAL PLOT:

The radial plot for this Map Manuscript is part of Main Radial Plot No. 2 of Project C.S. 289, the descriptive report for which was included in the descriptive report for Survey No. T-8304, which was submitted to the Washington Office on May 5, 1944.

28 DETAILING:

The field inspection data furnished the Compilation Office was satisfactory. Most of this field inspection data was transferred directly to the office photographs and then detailed. In some instances it was advantageous to prick the detail points on the field photographs and detail directly from them.

The photographs were to good scale and it was possible to accomplish all detailing without the aid of the vertical projector.

Where office interpretation and field inspection data disagreed on the High-Water Line and areas adjacent thereto, the photographs were examined closely with the aid of the stereoscope and delineation obtained therefrom was accepted and detailed on the Map Manuscript.

All tree areas are shown with a symbol in green acid ink and classified according to instructions from the Washington Office.

28 DETAILING: (Continued)

Drainage, wide enough to show both shores clearly, has been shown in black acid ink. All other drainage has been shown with a single line in blue acid ink.

Two small areas along the northern limits of this Map Manuscript have been included in the Map Manuscript for Survey No. T-8314, which adjoins Survey No. T-8303 to the North. It is believed these areas will show to better advantage on this adjoining Map Manuscript. Appropriate notation has been made on Map Manuscript for Survey No. T-8303 calling attention to this change of detail area.

This detail has been transferred to the manuscript for T-8303.

Detail has been omitted at the U. S. Naval Operating Base, the Naval Fuel Annex at Craney Island, and the Property of the U. S. Maritime Comm., used temporarily by the Army and Navy.

29 SUPPLEMENTAL DATA:

Numerous previous topographic surveys have been made by the U. S. Coast & Geodetic Survey, covering portions or all of the area of this Map Manuscript. None were available to the Compilation Office.

The Field Party furnished the Compilation Office the following plans:

Blueprint-----	Bondal Site Plan	Scale 1" equals 40'
Photostat-----	Carney Park House No. Plan	" Unknown
Blue line print---	Craney Island, Naval Fuel Annex	" 1" equals 200'
Black line print---	Hyde Park Homes, Norfolk, Va.	" 1" equals 100'
Photostat-----	Merrimack Park, House No. diagram	" Unknown
Blueprint-----	Montecello Village	" 1" equals 100'
Printed Map-----	Norfolk, Va. City Map	" 3.3' equals 1 mi.
Blueprint-----	Norfolk and Western Rwy.	" 1" equals 100'
Blueprint-----	Talbot Park Apts. Housing Project	" 1" equals 40'
Black line print---	U.S. Maritime Comm. Boundary Survey	" 1" equals 200'
Black line print---	Virginia Rwy. Co. Track Maps	" 1" equals 400'
Blueprint-----	Willoughby Bay Property	" Unknown

30 MEAN HIGH-WATER LINE:

The stage of tide of all photographs used in the process of detailing this Map Manuscript was computed and found to be at Mean High-Water. The High-Water Lines and marsh lines shown on this Map Manuscript have been detailed after careful stereoscopic examination of the photographs with the aid of data furnished by the Field Party.

31 LOW-WATER AND SHOAL LINES:

Approximate Low-Water and shoal lines visible on the photographs were detailed. None were indicated by field inspection data.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Numerous notes are to be found on the discrepancy overlay recommending the investigation, during the field edit, of wrecks offshore, areas containing piling, a breakwater or bulkhead east of Craney Is., and other structures which are shown on the nautical charts but which are not visible on the photographs. *taken care of except for investigation of a submerged wreck. has been removed.*

33 WHARVES AND SHORELINE STRUCTURES:

All wharves and shoreline structures indicated by field inspection data, and others not indicated but visible on the nine lens photographs, have been detailed.

34 LANDMARKS AND AIDS TO NAVIGATION: See Ch. Letter - 397-44

According to the field report, Paragraph 11, a list of landmarks to be deleted from the charts will be submitted at a later date. Aids to navigation have been partially completed by that Field Party, and the remainder will be completed by the Field Edit Party. *No 567 list submitted. 7 lights or 524 cards submitted. Plotted.*

However, the Field Party furnished the Compilation Office sextant fix locations for the following fixed aids to navigation:

34 LANDMARKS AND AIDS TO NAVIGATION: (Continued)

Anchorage Light F-1, occ. R 6 sec
Hampton Bar Light 16-A, occ. R. 3 sec
Hampton Roads Anchorage Light, Fl. R. 3 sec

One other fixed aid was identified on the field photograph by the Field Party and radially plotted on the Map Manuscript, namely:

Willoughby Spit Ferry Beacon, Fl. G. 1.5 sec

One other aid to navigation, namely Craney Island L. H. 1903, 1913, 1932, rebuilt 1934, is also a U. S. Coast & Geodetic Survey triangulation station.

Form 524 and Form 567 is not being executed for the above aids to navigation because comparison with nautical chart 400 showed that the sextant fix positions and the radially plotted positions coincided with the positions of the above aids as shown on the chart.

35 HYDROGRAPHIC CONTROL:

Eleven recoverable topographic stations were established by radial intersections. Three are believed to be of excellent value as partial hydrographic control, as long as they remain in position. They are:

FOO, 1943
GAB, 1943
IDA, 1943

The aids to navigation mentioned in Paragraph 34 are also believed to be of excellent value as partial hydrographic control, as long as they remain in position.

Three other recoverable topographic stations which are also bench marks, are believed to have limited value as partial hydrographic control. They are;

TIDAL B.M. 6, 1927 NAVAL OPERATING BASE
B. M. 2, 1916, WILLOUGHBY SPIT
L.E.D. B.M. 33 (U.S.E.)

35 HYDROGRAPHIC CONTROL: (Continued)

The 5 remaining recoverable topographic stations are also bench marks but are believed to be located too far inland to be of any value as hydrographic control. Form 524 is being submitted for each of the above 11 recoverable topographic stations.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

According to Paragraph 13 of the Field Report, there are no landing fields outside the bounds of the military reservations. The aeronautical aids are of a secret nature and are not to be shown.

37 DISCREPANCY OVERLAY:

A discrepancy overlay has been prepared to accompany this Map Manuscript. On it are notes recommending investigation of detail believed doubtful. Other notes recommend investigation of details offshore from the High-Water Line. A set of general notes is included to aid in the interpretation of symbols shown on the Map Manuscript.

*Taken care of by
Field Edit
(partly except for
investigation of
a submerged wreck.)*

38 GEOGRAPHIC NAMES:

The results of a geographic names investigation have been furnished the Compilation Office on a copy of the U. S. Geological Survey Newport News 15 minute quadrangle. All undisputed names have been shown on the Map Manuscript. A list of undisputed, disputed and recommended geographic names is attached to this descriptive report.

*see also
Field edit report
and sheet.*

39 HORIZONTAL ACCURACY:

The horizontal accuracy of this Map Manuscript is believed to be within the limits prescribed for well defined and less well defined points of detail for War Mapping Projects. *See test traverse No 4*

40 RECOMMENDATIONS FOR FUTURE SURVEYS:

The planimetry, as presented on this Map Manuscript, is believed to be complete. It is subject to corrections,

40 RECOMMENDATIONS FOR FUTURE SURVEYS: (Continued)

additions and deletions at the time of the field edit.

41 JUNCTIONS:

Satisfactory junctions have been made with the following:

To the North with Map Manuscript for Survey No. T-8314
To the West with Map Manuscript for Survey No. T-8304
To the South with Map Manuscript for Survey No. T-8296
To the East with Map Manuscript for Survey No. T-8302

42 REMARKS:

The description for the area of this Map Manuscript, as given in the field report, is adequate.

44 COMPARISON WITH EXISTING TOPOGRAPHIC SURVEYS:

Due to scale difference only a visual comparison could conveniently be made with the U. S. Geological Survey, Newport News 15 minute quadrangle. Many man made changes are evident. Common topographic features are in general fair agreement.

45 COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 400, Scale 1:20,000. The chart covers the entire area of the Map Manuscript and being of the same scale, a minute comparison could be made. Numerous fixed aids to navigation, areas of piling, dolphins and other structures are shown on the chart, but are not visible on the photographs and could not be detailed on the Map Manuscript. Some man made changes are evident but all common topographic features are in very good agreement.

Comparison was made with Chart 452, Scale 1:20,000. The portion of this chart falling within the area of this Map Manuscript is in very good agreement with all common topographic features.

Due to scale difference only a visual comparison could be made with Chart 1222. Several additional fixed aids

45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

to navigation appear on the Chart which are not shown on ~~the~~ *Serial 524 cards for*
the Map Manuscript. These have been noted on the dis- *lights submitted by*
crepancy overlay for investigation at the time of the *field edit party. (Plotted)*
field edit. Common detail seemed to be in very good
agreement.

Respectfully submitted:
May 15, 1944

Raymond Glaser
Raymond Glaser
Sr. Eng. Draftsman

and

M. Eleanor Herzog
M. Eleanor Herzog
Asst. Photo Aid

Map Manuscript, Discrepancy
Overlay and Descriptive Report
Reviewed by:

Wm. H. Van Loon
Wm. H. Van Loon
Prin. Photo. Aid

Compilation of Map Manuscript
Supervised by:

Joseph Steinberg
Joseph Steinberg
Asst. Photogrammetric Engineer

and

J. Edward Deal, Jr.
J. Edward Deal, Jr.
Asst. Photogrammetric Engineer

Approved and Forwarded:
May 16, 1944

Fred. L. Peacock
Fred. L. Peacock
Commander C. & G. Survey
Officer-in-Charge
Baltimore Photogrammetric Office.

GEOGRAPHIC NAMES

Undisputed

✓ Army Base
✓ Algonquin Park
✓ Boush Creek
✓ Bush Bluff ?
✓ Chesapeake Bay
✓ Colonial Hts.
✓ Craney Island Flats
✓ Craney Island
✓ Craney Creek ?
✓ Craney Is. Road
✓ Craney Is. Light Ho.
✓ Crocketts
✓ Denby Park
✓ Elizabeth City Co. ✓ Elizabeth R.
✓ Fort Wool
✓ Glenwood Park
✓ Hampton Bar
✓ Hampton Roads
✓ Hampton Roads (town)
✓ Lafayette River
✓ Lafayette Park
✓ Lambert Creek

✓ Lambert Point
✓ Lenox
✓ Mason Creek
✓ Monticello Village
✓ Navy Base
✓ Norfolk
✓ Norfolk Co.
✓ Norfolk and Western R.R.
✓ Ocean View
✓ Ocean View Blvd.
✓ Sewall Point ? ?
✓ Sewall Point Spit -
✓ Tanner Point
✓ Titustown
✓ Truckers
✓ Virginian R.R.
✓ West Overbrook
✓ Willoughby Bank
✓ Willoughby Bay
✓ Willoughby Beach
✓ Willoughby Spit
✓ Winona

See field edit report and sheet

GEOGRAPHIC NAMES

Disputed

Recommended

Tanner Creek

~~Rosedale~~

FIELD EDIT REPORT
TO ACCOMPANY
QUADRANGLE T-8303
PROJECT CS-289 A-1
F. L. Gallen Chief of Party

3. The designation and elevation of each bench mark has been checked. The fly-level elevations are to be checked by the Washington Office.
18. The name "Bush Bluff" at Latitude 36-55.5, Longitude 76-20 is no longer in common usage and is not recommended for mapping purposes.

The name "Sewall Point" appears to have preference although there is still evidence that the spelling "Sewall Point" has been used as witnessed by signs on old stores and road signs. The sign for the road at Lat. 36-54.9, Long. 76-18 is spelled with an "e". A recent newspaper article about some happening in the vicinity of the point was headlined with the name spelled with an "a" and in the body of the article the name was spelled with an "e".

Local inquiry was made concerning the name "Craney Creek" at Lat. 36-53, Long. 76-21.5, and the consensus of local opinion is that the name "Craney Island Creek" is widely known while the name "Craney Creek" is little known.

46. The field edit was accomplished by visual inspection in the field making all corrections directly on a copy of the map manuscript. All bridges have been classified according to instructions. The various field edit notes have been inked on the ozalid copy of the compilation according to the following color scheme:

Additions Black
Deletions Green
Drainage Blue
Contours Brown
Political districts Violet
Notes on the discrepancy overlay have been checked off in red ink.

47. The compilation is believed to be complete and accurate as shown on the field edited ozalid print.
48. No vertical accuracy test was run in this quadrangle as the only area above the twenty foot contour is a small area of sand dunes in the vicinity of Ocean View in the northeastern part of the quadrangle. There is a vertical accuracy test in quadrangle T-8302 to the east.

The horizontal accuracy test in this quadrangle will be scaled by the Washington Office.

Special Report filed in review section (Transit No. 4) Four points in this quad. Greatest discrepancy: 0.4 mm.
(This Horizontal Accuracy Test is bound with descriptive report T-8297)

49. The junction on the west with quadrangle T-8304 is satisfactory.
The junction on the east with quadrangle ~~T-8303~~ indicates several minor discrepancies as follows: T-8302

Boundary between Norfolk City and the Dist shown on both T-8302 & T-8303
The City limits of the City of Norfolk were not indicated in the northwest corner of quadrangle T-8302 and it may be possible that the political district name was allowed to overlap into the city.

Now shown as 4U on T-8302
At Lat. 36-54.5 a road 4U was not labelled on T-8302. This piece of road is needed to join a loose end on T-8303.

These roads are in populated areas and will be shown as Rd 3 & on T-8302.
At Lat. 36-54.2 and Lat. 36-53.9 roads labelled road 2 on T-8303 are unlabelled and shown as double-full line on T-8302.

Submitted by:

Louis Levin per F.L.G.

Louis Levin
Sr. Photo. Aid

Approved and forwarded by:

F. L. Gallen

F. L. Gallen
Chief of Party.

Remarks

Decisions

1		USGB
2		"
3		369763
4		
5		USGB
6		
7		Railway Guide
8		"
9		Road Maps
10		
11		368762
12		"
13		"
14		"
15		369762
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25	Pending with USGB	"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-9303

NORFOLK NORTH quadrangle

1	Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K
✓	Virginia	✓								1
✓	Chesapeake Bay	✓								2
✓	Hampton Roads	✓								3
✓	Norfolk County	✓								4
✓	Norfolk	(independent city)								5
✓	Elizabeth City County									6
✓	Norfolk and Western Ry.									7
✓	Virginian Ry.									8
✓	State Route Nos. 170, 937									9
										10
	West Overbrook		8257							11
✓	Winona									12
✓	Lafayette Park									13
✓	Crocketts									14
	Truckers									15
✓	Talbot Park									16
✓	Norfolk School	Granby H.S.								17
✓	Hoyster Memorial Church									18
✓	Ocean View Boulevard		(No. 170)							19
✓	Algonquin Park									20
✓	Titustown									21
	Garney Park									22
✓	Denby Park									23
✓	Denby Park Church									24
✓	Rosedale									25
✓	Monticello Village									26
✓	Colonial Heights									27

T-8303

Remarks

2
Decisions

1		369762
2		"
3		" USGB
4		"
5		"
6		" USGB
7		" "
8		"
9		"
10		369763
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		" USGB
24		368763
25		369763
26		368763 USGB
27		" "

GEOGRAPHIC NAMES

Survey No. T-8303

GEOGRAPHIC NAMES											
Survey No. T-8303											
2 Name on Survey											
		A	B	C	D	E	F	G	H	K	
x	<u>Lenox</u>										1
x	<u>Mason Creek</u>	(largely filled in)									2
	<u>Marrimack Park</u>	(almost entirely filled in: see Field Inspection Report)									3
	<u>Boush Creek</u>										
x	<u>Ocean View</u>										4
x	<u>Ocean View Municipal Golf Course</u>										5
x	<u>Willoughby Bay</u>										6
x	<u>Willoughby Spit</u>										7
x	<u>Willoughby Beach</u>										8
	<u>Willoughby Bank</u>										9
x	<u>Fort Wool</u>										10
	<u>Hampton Bar</u>										11
v	<u>Sewall Point</u>										12
	<u>Sewall Point Spit</u>										13
U.S.	<u>Naval Operating Base</u>										14
x	<u>Hampton Roads</u>	(town)									15
x	<u>Glenwood Park</u>										16
	<u>Glenwood Park Presbyterian Church</u>										17
x	<u>U. S. Army Base</u>										18
x	<u>Hampton Boulevard</u>	MS (No. 337)									19
x	<u>Sewall Point Road</u>										20
x	<u>Tanner Point</u>										21
x	<u>Lewless Point</u>	(see chart 400)									22
x	<u>Lafayette River</u>										23
x	<u>Marine Hospital</u>		"	"							24
	<u>Craney Island Flats</u>										25
x	<u>Craney Island</u>										26
x	<u>Craney Island Light</u>										27

Remarks

Decisions

1		368763
2		"
3		"
4		" USGB
5		"
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GEOGRAPHIC NAMES

Survey No. T-3303

GEOGRAPHIC NAMES		Survey No. T-3303									
3	Name on Survey	<div>On Chart No.</div> <div>On previous survey No.</div> <div>On U. S. quadrangle Maps</div> <div>From local information</div> <div>On local Maps</div> <div>P. O. Guide or Map</div> <div>Rand McNally Atlas</div> <div>U. S. Light List</div>									
		A	B	C	D	E	F	G	H	K	
	<u>Crane Island Creek</u>										1
	<u>Crane Island Road</u>	(name OK if any of it is in outside of naval area)									2
	<u>Elizabeth River</u>										3
	<u>Lambert Point</u>										4
	<u>Lambert Creek</u>										5
											6
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Names underlined in red approved

by L. Heller on 6/8/44

M 234

Names underlined in red approved
by L. H. H. on 6/8/44

RECORDS

Between January, 1942 and July, 1944, this Bureau completed 323 quadrangles. These maps have been published, or are in the process of being published on scales of 1:31,680 or 1:25,000. This series of quadrangles includes a land area of approximately 15,000 square miles. Incident to this work, a considerable volume of survey records and data has accumulated which will be filed for future reference. This material is filed as follows:

Registered and Filed in the Vault

Cloth-mounted copy of the published quadrangle.
published quadrangle at 1:20,000 scale
Black and white cloth-mounted copy of the/map manuscript. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For ~~political boundaries,~~ woodland, ~~marsh,~~ and ~~wamp limits,~~ refer to the published quadrangle for the finally adopted ~~positions,~~ outlines.

Descriptive Report.

Division.

Filed in the Photogrammetric Section — Surveys Branch

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Reviewing Unit. Section.

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Original celluloid manuscript.

Copies of specifications and all instructions to field parties and field offices.

Filed in Reproduction Branch

Glass negatives of the color separation drawings.

Filed in the Library

~~Special report on field work by Commander K. T. Adams, 1944.~~

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L. Gallen, 1944.

Season's report on field work by Commander R. L. Schoppe, 1944.

Delivered to the Army Map Service in accordance with the contract

Film negatives and film positives of the color separation drawings.

All color separation drawings.

~~Original celluloid manuscript.~~

A correction sheet consisting of a copy of the first edition of the quadrangle with notes in red indicating changes desirable at the next printing.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8303

NORFOLK NORTH QUADRANGLE

This quadrangle manuscript has been examined for completeness, accuracy, and conformity with the specifications. It is adequate for smooth drafting, reproduction and publication. Revisions found to be necessary in this office are discussed on the next page.

Horizontal and Vertical Accuracy

A horizontal accuracy test was run in this quadrangle and found to be satisfactory. See the files in the Division of Photogrammetry.

The nearest vertical accuracy test was run in quadrangle T-8302.

Previous Surveys

This manuscript has been compared with the following previous topographic surveys of this Bureau and other agencies. This map is satisfactory to supersede the previous surveys over the common area.

T-498	1:20,000	1853	T-1936	1:10,000	1890
T-502	1:20,000	1853-92	T-2632	1:20,000	1905-07
T-506	1:10,000	1856	T-2771	1:10,000	1906
T-851	1:20,000	1862	T-3647	1:30,000	1916
T-1376	1:1,200	1874	T-3773	1:10,000	1919
T-1499a	1:10,000	1882-1905	T-3774	1:10,000	1919
T-1499b	1:10,000	1882	T-4492	1:10,000	1929-30
T-1659	1:20,000	1884-1905	T-4525	1:10,000	1929

Comparison with Nautical Charts Nos. 400, 830, 1222, 1227, 452

The manuscript has ^{not} been applied to the charts at the date of this review. The following comments are pertinent to the compilation and correction of nautical charts:

~~T-8303 has been partially applied to charts 400 & 830.~~

The details of T-8303 are complete and adequate for chart correction.

The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review:

Only changes of a minor nature were necessary during the review of this map manuscript. ✓

Reviewed 6/1/44 By Jack S. Rihw
under direction of D. H. Benson (per D.H.)

Inspected by B. G. Jones B.G. Jones 7/1/46

Examined and approved:

K.T. Adams
Chief, ~~Surveys Branch~~
Division of Photogrammetry

~~Chief, Topography Section~~

Robert W. Jones
Chief, Div. of Charts
Nautical Chart Branch
Raymond P. Egan
Chief, Div. of Coastal
Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. *T-8303*

Record of Application to Charts *REV 61-44*[illegible]

M-216B-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.