

8528

Original

1205

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photographic-Topographic

Field No. _____ Office No. _____ Survey No. T-8528

LOCALITY

State Maine

General locality York County

Locality York Village

1944

CHIEF OF PARTY

Fred. L. Peacock

LIBRARY & ARCHIVES

DATE

Sept 8 - 1948

B-1870-1 (1)++

8528

Applied to chart 228 11-9-44 M. Andros

DATA RECORD

T-8528

Quadrangle (II):
York Harbor, 7½ minute

Project No. (II):

CS-303-C SOUTH

Field Office:
Sanford, Maine

Chief of Party:

F. L. Gallen

Compilation Office:
Baltimore, Maryland

Chief of Party:

Fred. L. Peacock

Instructions dated (II III):
(May 1, 1943)

Copy filed in Descriptive
~~Report No. T-~~ (VI)
Div. of Photogram. Office Files

Completed survey received in office: 4 March, 1944

Reported to Nautical Chart Section:

Reviewed: 11 April, 1944

Applied to chart No. 228

Date: 9 Nov. 1944

Redrafting Completed: 26 May 1944

Registered: August 1946

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): AGAMENTICUS 2, 1908, 1933

Lat.: 43° 13' 19.230" 593.4 Long.: 70° 41' 38.573 870.6 Adjusted
(1258.2) (483.6) ~~Unadjusted~~

State Plane Coordinates (VI):

X = 359,423.30

Y = 142,100.36

Military Grid Zone (VI) "H" + Harbor Defense

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
13811 to 13815 inc.	4/18/43	2:56 p.m.	1:20,000	2.1' above M.L.W.
13792 to 13797 inc.	4/18/43	2:24 p.m.	1:20,000	3.1' above M.L.W.
13768 to 13771 inc.	4/18/43	1:56 p.m.	1:20,000	4.1' above M.L.W.
13772	4/18/43	1:59 p.m.	1:20,000	3.9' above M.L.W.

Tide from (III); Predicted Tables, Reference Station Portland, Maine, With
Corrections for Kittery Point, Maine.
Mean Range; 8.7' Spring Range: 10.0'

Camera: (Kind or source) U.S.Coast and Geodetic Survey, Nine Lens Camera
(Focal Length 8 $\frac{1}{4}$ ")

Field Inspection by: G. Bowker date: Summer 1943

Field Edit by: L. G. Chambers date: Feb., 1944

Date of Mean High-Water Line Location (III):
Same as date of photographs

Projection and Grids ruled by (III) B R C - F L T date: 8-21/43

" " " checked by: B R C date: 8-24-43

Control plotted by: Edward H. Snyder date: 8-31-43

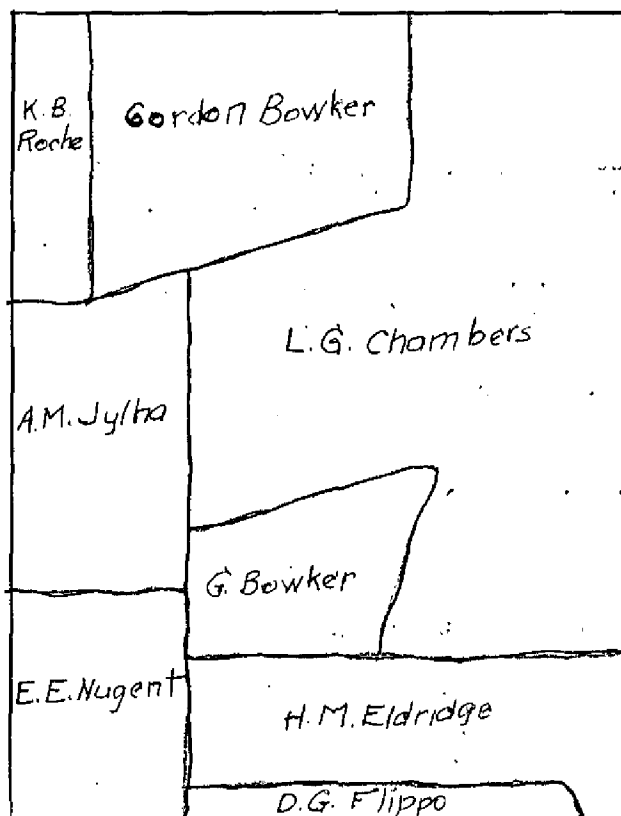
Control checked by: John M. Reinoldi date: 8-31-43

Radial Plot by: J. Edward Deal, Jr. and Joseph Steinberg date: 9/6-9/15, 1943.

Detailed by: John M. Reinoldi date: Oct.17,1943 to
Feb. 8, 1944

Reviewed in compilation office by: Henry P. Eichert date: Jan. 27 to Feb.8,1944

Elevations on Field Edit Sheet L. G. Chambers
checked by: date: Feb., 1944



Contours and field inspection as above
August to November, 1943.

STATISTICS (III)

Land Area (Sq. Statute Miles): 54

Shoreline (More than 200 meters to opposite shore): 8.5 Statute Miles

Shoreline (Less than 200 meters to opposite shore): 15.5 Statute Miles
(centerline of streams only)

Number of Recoverable Topographic Stations established: 7 (including
2 Tidal Bench Marks and 3 Bench Marks) Established by Radial Intersection.

Number of Temporary Hydrographic Stations located by radial plot: none

Leveling (to control contours) - miles: 56 mi.

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. 303⁶, 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, driveways, 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 8528
PROJECT 303-C (SOUTH)
F+ L+ GALLEN
CHIEF OF PARTY

1. The area covered by the quadrangle lies entirely in York county, Maine, and contains a large part of the township of York, and smaller parts of South Berwick, Eliot, Kittery, and Wells. This area is for the most part extremely hilly land, badly cut up by drainage. Many of the ridges and hills are all or partly rocky, with rocky outcrops on their sides and tops. A great majority of the streams, even the intermittent ones, have fairly wide swampy bottoms, and in places open out to form ponds which are scattered about over the area. The highest hill on this area is Mt. Agamenticus, 691 feet above sea level, which is at present a military reservation containing secret installations. The northern section of this area is drained by several small streams, the eastern section draining to the ocean, the western section toward the Piscataqua River. The southern section is drained by the York River. A small percentage of the area is now under cultivation, although at one time the majority of the area was in farms, as evidenced by the many stone walls, old cellar holes, and abandoned old farm roads, which have degenerated to class 5 trails. The northern and central sections of this area are in this classification and are now nearly all woodland, being cut into large tracts by a few poorly kept graveled roads. The ground cover in these sections is mostly second growth mixed stands, with an undergrowth of fairly dense deciduous brush. The higher swampy areas are mostly covered with a dense growth of alders, while the lower swampy areas are mostly covered with a marsh grass.

2. The field inspection is thought to be complete. Buildings, cemeteries, roads, and ground cover have all been classified, except for the Military Reservation on Mt. Agamenticus. The commanding officer on this reservation has requested that no buildings be shown due to temporary and confidential nature of their work. All buildings have been circled in red, and unless otherwise designated by standard symbols, they are dwellings. All other field inspection is self-explanatory standard symbols being used in all cases, as well as the standard letters for ground cover.

3. The photographs and detail shown, are typical of these photographs. Persistent trees show up darker than the deciduous types, all detail that should be shown on the final map is labeled, except for cultivated land.

4. The horizontal control for this area is handled by a separate report in accordance with instructions for this project.

5. Benchmarks have been recovered and located on other photographs. Supplemental level lines were run, and elevations left at marked points to provide the vertical control for the topographer. These elevations were located for horizontal position, and plotted on the photograph by the plane table party, where the leveler was unable to accurately spot them. All elevations checked within one foot of their true elevation.

6. Contouring in this area was done directly on the photographs.

1. cont. A magnetic reference line was established on each photograph used, in order to orient the sheet when other detail was lacking. These reference lines were established by setting up along a straight road, or by setting up at a point easily identified and orienting on another point also readily identifiable. Planetable party's consisted of 4 or 5 men, and traverses were run with the table to keep horizontal as well as vertical control. These lines were supplemented by hand level lines to determine elevations on points easily identifiable by cultural or photographic detail. The stereoscope was used to locate drainage, streams, and high points on the land. These details were checked by lines run with the plane table. Supplementary control was run in some heavily wooded areas by the use of Abney level lines, where a compass line was used for direction, and a 100 foot rope used to determine distances. These lines were always run between points of known location and elevation, in order to adjust any slight errors that might occur. All traverse lines run with the table were closed within 1 foot in elevation.

7-8. Only a very small section of this area has any shore line, and it was taken care of by a separate field inspection party.

9-13. The items under these headings do not apply to this area.

14. Roads were classified according to instructions issued by the Army War College, Washington, D.C.

15. Classification of bridges & culverts will be done by the field edit party, along with main culverts.

16. Buildings are circled in red, and unless otherwise labelled, are dwellings. In some cases barns & dwellings, are connected, in which case two circles are drawn, the circle indicating the barn labelled "B", the other circle indicating the dwelling. Churches, schools, stores and other buildings are labeled.

17. No boundary lines are shown around the Mt. Agamenticus reservation, as these installations are of a temporary nature. Monuments on town boundaries have been located where possible and it is believed that all town boundary lines are accurately delineated on the photographs. It will be noted that the boundary between the towns of South Berwick and York, in the northwest part of the quadrangle, does not agree with the line shown on quadrangle T8523 to the north and the latter map manuscript should be corrected. The boundaries in the southwest section of this quadrangle are the subject of a special report by D. B. Hancock. *corrected on Map T-8523*

18. Geographic names for this quadrangle are the subject of a special report by A. J. Wraight. *W*

19. Junctions with the Geological Survey Quadrangle directly north of the area have been made satisfactorily.

Approved and forwarded

F. L. Gallen
F. L. Gallen
Chief of Party
by A.P. Fish

Submitted by,

Gonda Bowker
G. Bowker
Senior Photo. Aid

BRIDGE AND TUNNEL CLASSIFICATION

<u>First Symbol</u>	<u>One Lane</u>	<u>Unlimited</u>
Capacity	Capacity	
A	50 tons	25 tons
B	25 tons	18 tons
C	18 tons	13 tons
D	10 tons	7 tons
E	6 tons	4 tons
F	Light vehicles only	

Second Symbol

Vertical Clearance	A - over 14 feet
	B - over 13 feet
	C - over 12 feet
	D - over 11 feet, etc.

Third Symbol

Horizontal Clearance	A - over 16 feet
	B - over 17 feet
	C - over 16 feet
	D - over 15 feet, etc.

Fourth Symbol - Year of Classification

WOODS AND BRUSH

TYPE

D	Deciduous
E	Evergreen
Cy	Cypress

CONCEALMENT

Z	Trees 10 feet or more in height, and thick enough when in foliage to conceal troops and vehicles.
Y	Brush and undergrowth thick enough to impede foot troops and conceal troops lying down.
X	Scattered trees not thick enough to conceal troops.
W	Scattered brush not thick enough to conceal troops.

PHYSICAL FEATURES

HG	Higher ground - usually appears in light tone on photograph; either wooded or cultivated area; may be scrub trees or brush. (usually not symbolized on photographs.)
LG	Low areas - generally appears dark on photograph becomes swampy during rainy season; often covered with dense growth of brush.
SW	Swamp - ground covered with water or boggy most of the time; lower in elevation than LG; wooded and/or brush.
M	Salt marshes

NOTE: The above areas are not outlined but pertinent notes are made on each photograph so that the variations in tones can be correctly interpreted in the office.

BUILDINGS

B - barn
 Bldg - Building
 Bo Ho - Boat House
 Ch - Church (give name)
 Ct Ho - Court House (give name)
 F.O. - Post Office (give name)
 Sch - School (give name)
 Hos - Hospital (give name)
 RR Sta - Railroad Station
 Sto - Country store or gas station
 P Sta - Power Station

BOUNDARIES

BDY - Boundary
 F R - Fire Break
 HDG - Hedge
 Park - Park
 Cem - Cemetery
 Co - County

LANDMARKS

FT - Fire Tower (give name)
 TT - Transmission Tower
 RT - Radio tower or mast
 Air Bn - Airway Beacon
 Bn - Non-lighted aid to navigation
 Lt - Lighted aid to navigation
 Tk - Low tank
 Tk elev - Tank elevated on structure
 Stk - Stack

GENERAL

X - delete; except where it
 pertains to elevations.
 Use only the abbrev. listed
 on this page. Do not make
 up abbreviations.

SHORE LINE

MHL - Mean high water; fast land
 MLL - Low water line
 LL - Marsh shore line
 M - Marsh
 MG - Marsh grass in water
 Dk - Dock
 Pier - Pier
 Sea W - Sea Wall
 Bulkhd - Bulkhead
 Jet - Jetty
 Dol - Dolphin
 Pile - Pile
 S - Sand
 Mud - Mud

Rk - Rock or Rocky
 Sty - Stony
 Conc - Concrete
 Wo - Wood
 Blf - Bluff
 Dune - Dune

STREAMS AND PONDS

D - Largest ditches only
 DE - Small ditch (delete)
 IS - Intermittent stream
 ED - Probable drainage
 Cr - Creek
 Ca - Canal
 Cv - Culvert
 Lev - Levee
 Dam - Dam
 P - Pond
 IP - Intermittent pond

VEGETATION

G - Grass
 Sw - Swamp
 Cy. Sw - Cypress Swamp

ROAD CLASSIFICATION FOR MAPS OF ALL SCALES

CLASS	LABEL	STRUCTURE	LOADING
1	Dependable hard-surface heavy duty road.	Concrete, asphaltic concrete bituminous Macadam, B-15 type structures.	Will bear heaviest loads with little maintenance.
2	Secondary, hard-surface all-weather road	Surface-treated, oil-ed gravel, waterbound Macadam, structures generally lighter than B-15 but sturdy.	Will bear fairly heavy military loads in all weather if maintained.
3	Woods-surface graded, dry-weather road.	Gravel or stone surface stable material, selected sand-clay, etc. Drained and graded.	Will bear light military loads in good weather.
4	Unimproved road	Graded and drained earth, with very light structure	Generally unsuitable for military loads.
4U	Truck road	Woods roads, farm roads, etc. over which a standard gage vehicle can be driven.	
5	Trail	(Horse trails, foot trails, etc.)	

Roads with more than two (2) lanes are indicated by note along road, e. g. 3 LANE. Change in lanes shown by first point of change. Main roads have two lanes unless otherwise noted.

Private roads are designated by the letter P after the road classification.

26 CONTROL:

There are four U. S. Coast and Geodetic Survey triangulation stations which fall within the limits of this map manuscript. They are:

- AGAMENTICUS, 1847, r. 1908, 1916, 1931
- MT. AGAMENTICUS FIRE TOWER, 1941
- YORK VILLAGE WHITE CHURCH SPIRE (CONG.), 1908, 1928
- AGAMENTICUS, 2, 1908, 1933.

Twelve other horizontal control stations are just outside the limits of this map manuscript. They are:

OGUNQUIT STANDPIPE, 1941	1481 + U.S.G.S.
WESTERN POINT, 150, U.S.E. 1941	1500 + U.S.G.S.
TACHNIC, 1941	105 † U.S.G.S.
1414 + U.S.G.S.	715 + U.S.G.S.
1432 + U.S.G.S.	TT 28 TDA, 1940 U.S.G.S.
1460 † U.S.G.S.	TT 27 TDA, 1940 U.S.G.S.

All of the above horizontal control stations were used for the establishment of photograph centers, secondary control and detail points.

27 RADIAL PLOT:

The radial plot for this map manuscript is described in Section 3 of the descriptive report for the radial plot of Project C. S.303.

28 DETAILING

Field inspection data was adequate for interior areas of this map manuscript only. Approximately one-half of the shore line along the York River was not field inspected. Shore line field inspection data shown on field inspection photograph No. 13794 was very inadequate and was not used. The shore line covered by this field inspection data was delineated by stereoscopic examination of the office photographs.

The interior areas of the map manuscript were detailed with the aid of field inspection data and careful examination of the office photographs. Some buildings not indicated by field inspection data but believed important enough to show have been detailed.

29 SUPPLEMENTAL DATA:

Two previous surveys made by the U. S. Coast and Geodetic Survey cover a small portion of this map manuscript. They are:

Survey No. T-440	1853	1:10,000
Survey No. T-440 a	1911	1:20,000

These surveys were not available to the Compilation Office.

30 MEAN HIGH WATER LINE

The stage of the tide for the photographs used in the process of detailing this map manuscript was computed and found to be approximately three feet above mean low water.

The high water line was delineated from stereoscopic examination of the office photographs with the aid of some field inspection data.

31 LOW WATER AND SHOAL LINES

Parts of the approximate mean low water lines have been detailed by office examination of the photographs with the aid of the field inspection data.

No shoal lines were identified by the field inspection party and none were of sufficient clarity on the office photographs to delineate accurately.

32 DETAILS OFF-SHORE FROM THE HIGH WATER LINE

There are some rocks in the York Harbor. These rocks have not been identified by the field inspection party but have been detailed from the nine lens office photographs. Those radially plotted have been shown with the rock awash symbol enclosed in a circle. They have been noted on the discrepancy overlay for investigation during the field edit.

33 WHARVES AND SHORE LINE STRUCTURE

All wharves and shore line structures visible on the nine lens office photographs have been detailed on this map manuscript. None were indicated by field inspection data.

34 LANDMARKS AND AIDS TO NAVIGATION

One fixed aid to navigation, namely; HARRIS ISLAND POINT BEACON, is shown on Nautical Chart No. 228. This beacon is not visible on the photographs. An appropriate note has been shown on the discrepancy overly for investigation of this aid to navigation.

35 HYDROGRAPHIC CONTROL

Form No. 524 is submitted for the following recoverable topographic stations:

- TAT, 1943
- ADD, 1943
- YORK HARBOR TIDAL BENCH MARK No. 1, 1944
- YORK HARBOR TIDAL BENCH MARK No. 2, 1944
- U.S.G.S. BENCH MARK No. 81, 1944
- U.S.G.S. BENCH MARK No. 138, 1944
- U.S.G.S. BENCH MARK No. 347, 1944

The four first named are believed suitable for partial hydrographic control as long as they remain in position.

36 LANDING FIELDS AND AERONAUTICAL AIDS.

No landing fields or aeronautical aids appear within the limits of this map manuscript.

37 DISCREPANCY OVERLAY

A discrepancy overlay has been prepared to accompany this map manuscript. On it are notes calling attention to additional data needed to make the map manuscript complete. Other notes which are deemed likely to be of aid during the field edit are included. A set of general notes has been added to aid in the interpretation of symbols and abbreviations shown on the map manuscript.

38 GEOGRAPHIC NAMES

The results of a geographic name investigation by A. J. Wraight have been furnished the Compilation Office on the York, Maine, New Hampshire, 15 minute, U. S. Geological Survey Quadrangle. Only the undisputed names have been shown on the map manuscript. A list of undisputed, disputed and recommended geographic names is attached to this report.

39 HORIZONTAL ACCURACY

The horizontal accuracy of this map manuscript is believed to be within the limits set forth, for well defined and less well defined points of detail, under paragraph 23 of the instructions for War Mapping, Project CS-303, dated May 1, 1943.

40 RECOMMENDATIONS FOR FUTURE SURVEYS

The planimetric detail, as presented on this map manuscript, is

Boundary lines on map manuscript:

York Co:
Town of York
" " Hittery
" " Eriol
" " South Berwick

believed to be complete, including all field inspection data that could be used, and careful interpretation of the photographs where field inspection data was lacking. It is subject to corrections, deletions, and additions by the Field Edit Party.

41 JUNCTIONS

Satisfactory junctions have been made with the following map manuscripts:

To the North with Map Manuscript for Survey No. T-8523
To the South with Map Manuscript for Survey No. T-8532
To the East with Map Manuscript for Survey No. T-8529
To the West with Map Manuscript for Survey No. T-8527

42 REMARKS

The description as prepared by the Field Inspection Party in the Field Inspection Report, adequately describes the area covered by this Map Manuscript.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

Because of scale differences, no accurate comparison of this survey with the U. S. Geological Survey Quadrangle of this area is practicable. An approximate comparison shows common detail to be in generally fair agreement.

45 COMPARISON WITH NAUTICAL CHARTS

Comparison was made with U. S. Coast and Geodetic Survey Charts Nos. 228 scale 1:20,000 published at Washington, D. C., September 1936; Re-issued August 1939; and Chart No. 50, scale 1:200,000, Re-issued August 1938.

These Charts were in good agreement with the map manuscript for Survey T-8528 with respect to detail common to both, with the following exceptions:

A wharf on the northeast side of Harris Island is not visible on the office photographs and is not shown on the map manuscript.
This wharf been investigated by field Edit Party (No wharf)

A wharf just south of Sewell Bridge on the north side of the York River is not in the same location as a wharf shown in this vicinity on Chart No. 228. *Correct. on manuscript.*

Respectfully submitted,
February 4, 1944.

John M. Reinoldi
John M. Reinoldi
Sr. Photogrammetric Aid

Map Manuscript, Discrepancy Over-
lay, and Descriptive Report
Reviewed by:

Henry P. Eichert
Henry P. Eichert
Jr. Photogrammetric Engineer

Compilation of Map Manuscript
Supervised by:

Joseph Steinberg
Joseph Steinberg
Asst. Photogrammetric Eng.

and

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

Approved and Forwarded
February 11, 1944

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

FIELD EDIT REPORT
TO ACCOMPANY
QUADRANGLE T-8528
PROJECT 303-C

46. The field edit of this quadrangle was accomplished by a visual inspection of the various topographical features as they were plotted on the compilation, with standard field instruments and methods being used to check discrepancies noted on the overlay. Roads, drainage, buildings and other features have been inspected and classified where omitted by the field inspection. Bridges have been classified according to instructions. The various field edit notes were plotted on cloth backed copy of the compilation according to the following color scheme:

Additions	Black
Deletions	Green
Drainage	Blue
Contours	Brown

Notes on the discrepancy overlay have been checked off with red ink.

47. The compilation is believed to complete and accurate as corrected by the field edit. Some contours have been added and drainage corrected with the aid of the stereoscope after being inspected in the field.
48. Accuracy tests, both vertical and horizontal, are the subjects of special reports on Project 303-C.
49. Junctions have been checked with T-8527 on the west, T-8529 on the east, T-8532 on the south and T-8523 on the north.
11. One aid to navigation, Harris Island Point Bu., was located by planetable and submitted on the attached form 567.

Submitted by:

L.G. Chambers per H.H.

L.G. Chambers
Prin. Photo. Aid

Approved and forwarded by:

F.L. Gallen

F.L. Gallen
Chief of Party

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
Aids to Navigation
LANDMARKS FOR CHARTS

8528

95

TO BE CHARTED }
~~**TO BE DELETED**~~ } STRIKE OUT ONE

Sanford, Me. Mar. 2, 1944, 193

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(the charts)~~ the charts indicated.
The positions given have been checked after listing.

F. L. Gallen

Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION				METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
		LATITUDE		LONGITUDE								DATUM
		°	'	°	'							
	York Harbor, Me.											
	Harrie Island Point Bn.	45-07	1376	70-38	1014	N. A. 1927	2/19/44	X			1205 1206 228	
						C. L.	95					

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." 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.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8528

YORK HARBOR, ME. 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 MEETS NATIONAL ACCURACY STANDARD
Horizontal test No. 14. Of the five test points falling on this map area, none exceeded 0.5mm in displacement from the true position.

Vertical. All test points, except one, indicated that the contours fell within $\frac{1}{2}$ contour-interval of their true positions. This exception was adjusted during review.

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-440	1/10000	1853
440a	1/20000	1911

U.S.G.S. York, Me-N.H. 1/62500 1917, rep. 1939

	50	1/20000	1938
<u>Comparison with Nautical Charts Nos.</u>	228	"	1936 - 1939

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:

See Compilation Report.

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

From field edit data: Harris Island Point Beacon; rock barings; permanent streams; telegraph cable; contour changes.

From Vertical Accuracy Test: Change in a contour.

Reviewed 11 April, 1944 By Willis W. St. John
under direction of D. H. Benson Willis W. St. John *per 75*

Inspected by B. G. Jones *B.G. Jones 8/48*

Examined and approved:

[Signature]
Chief, Surveys Branch

K.T. Adams
Chief, Div. of Charts *Photogrammetry*

[Signature]
Chief, Topography Section
Nautical chart Branch

[Signature]
Chief, Div. of Coastal Surveys

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.

Black and white cloth-mounted copy of the published quadrangle at 1:20,000 scale. 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 woodland, refer to the published quadrangle for the finally adopted outlines.

Descriptive Report.

Filed in the Photogrammetric Division.

Field inspection photographs.

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

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Review 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.

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 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.

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.

LIST OF GEOGRAPHIC NAMES

Undisputed

- | | | |
|--------------------------|------------------------------|-------------------------|
| ✓Agamenticus School | ✓George Hooper Swamp | ✓Sewell Hill |
| ✓Argo Point | ✓Goodrich Point | ✓Scotland (town) |
| ✓Barrell Farm | ✓Great Works River | ✓Sewell Bridge |
| ✓Barrell Farm Brook | ✓Groundnut Hill | ✓Scotland Bridge |
| ✓Barrells Millpond | ✓Grover Brook | ✓Sherburn Brook |
| ✓Bartlett Road | ✓Harris Island | ✓Smelt Brook |
| ✓Bass Cove Creek | ✓Hoopers Mill Brook | ✓South Berwick Township |
| ✓Beach Ridge (town) | ✓Horse Hills | ✓South Berwick Road |
| ✓Beach Ridge Road | ✓Indian Pond | ✓Southside (town) |
| ✓Bell Marsh | ✓Jimmy's Pond | ✓Southside Road |
| ✓Bickel Mountain | ✓Johnson Brook | ✓Southside School |
| ✓Big Bridge Hill | ✓Josias River | ✓Stage Neck |
| ✓Brace's Swamp | ✓Kittery (township) | ✓Warney's Ice Pond |
| ✓Bragoon Island | ✓Langleys Crossing | ✓Warren Brook |
| ✓Brickyard Landing | ✓Libby Brook | ✓Warren Hill |
| ✓Bridges Ice Pond | ✓Lincoln School | ✓Warren Pond |
| ✓Briley Brook | ✓Little River | ✓Wells (township) |
| ✓Brown Brook | ✓Lobster Cove | ✓Western Point |
| ✓Cape Neddick River | ✓Logging Road | ✓White Marsh Brook |
| ✓Captain John Wynn Brook | ✓Long Hill | ✓Wilson Bridge |
| ✓Cat Mountain | ✓McIntire Garrison | ✓Wilson Road (X W.P.) |
| ✓Cefalo Swamp | ✓Moulton Brook | ✓York (township) |
| ✓Chases Pond (v. v.) | ✓Mt. Agamenticus | ✓York Corner (town) |
| ✓Cider Hill | ✓Muddy Brook | ✓York Harbor |
| ✓Cider Hill Creek | ✓Norman's Brook | ✓York Harbor (town) |
| ✓Clay Hill | ✓Norman's Hill | ✓York Heights (town) |
| ✓Clay Hill Brook | ✓Norton Road | ✓York River |
| ✓Coast Road | ✓Ogunquit Road | ✓York Village (town) |
| ✓Cockle Hill | ✓Paint Hill | ✓York Woods |
| ✓Cooks Bridge | ✓Payneton (town) | ✓Young Hill |
| ✓Cranberry Swamp | ✓Post Road (U.S. Highway #1) | |
| ✓Cutts Ridge | ✓Prebble Brook | |
| ✓Cutts Ridge Brook | ✓Ramshead Ditch | |
| ✓Cutts Road | ✓Ramshead Point | |
| ✓Dolly Gordon Brook | ✓Rices Bridge | |
| ✓Dorrs Bridge | ✓Rogers Brook | |
| ✓Eliot (township) | ✓Round Pond | |
| ✓Frost Hill | ✓Scituate (town) | |
| ✓Frost Hill Road | ✓Scituate Pond | |

LIST OF GEOGRAPHIC NAMES

RECOMMENDED

✓Agamenticus Road
✓Agamenticus Village
✓Back Road
✓Bell Marsh Road
✓Big Bridge
✓Brixham
✓Chases Pond
✓Chases Road
✓Clay Hill Road
✓Clay Hill Village
✓Emery's Bridge
✓Folly Pond
✓Greenleaf Parsons Road
✓Hoopers Millpond
✓Middle Pond
✓Second Hill
✓Third Hill
✓Welchs Pond
✓Welch Road
✓Yorkwoods Road

DISPUTED

Cape Neddick Road
Fore Street
Long Sands Road
Yorkwoods Road
wilson Bridge
Grange Hall
(Lake Agamenticus
(Chases Lake
Chases Pond Road
Agamenticus Road
(Clay Hill
(Back Street
Emorys Bridge
Upper Folly Pond
New Road
Hoopers Swamp
Lower Folly Pond
Middle Hill
Upper Hill
Round Pond
Beach Ridge Road
York Road

DELETE

York Harbor and Beach Atlantic Shore Electric (R R.)

Remarks

Decisions

	Remarks	Decisions
1	See nautical chart No. 228 for a few names in or near York Harbor.	USGB
2		
3		
4		Road Maps
5		"
6		
7		431706: all names on this section sheet
8		
9		
10		
11		
12		
13		
14		
15	Pending with USGB	
16		
17	Pending with USGB	
18		
19		
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21		
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27		

GEOGRAPHIC NAMES

Survey No. T-8528

YORK HARBOR quadrangle

1 Name on Survey

On Chart No. / On previous survey No. / On U. S. quadrangle Maps / From local information / On local Maps / P. O. Guide or Map / Rand McNally Atlas / U. S. Light List

	A	B	C	D	E	F	G	H	K
Maine									1
York County									2
Towns of Kittery, Eliot, York, South Berwick, Wells									3
U.S. No. 1 (Post Road)									4
U.S. No. 1-Alt (Coast Road)									5
									6
Argo Point									7
Western Point									8
York Harbor (water area)									9
York Harbor (village)									10
Black Rocks									11
Stage Neck									11
Fort Point									12
Lobster Cove									12
Coast Road									13
Cefalo Swamp									14
Back Kitter Road									15
York Heights									16
Little River									17
York Corner									18
York Village									19
Barrells Mill Pond									20
Sewell Bridge									21
Sewell Hill									22
Indian Pond									22
Harris Island									23
Bragdon Island									24
Rocks Nose									25
York River									26
Bartlett Road									27

Remarks

Decisions

	Remarks	Decisions
1		491706: all names on this section sheet
2		
3		
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24	Pending with USGB	
25		
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27		

GEOGRAPHIC NAMES

Survey No. T-8528

2	Name on Survey	A	B	C	D	E	F	G	H	K
✓	Southside									1
✓	Southside School									2
✓	Southside Road									3
✓	Johnson Brook									4
✓	Ramshead Point									5
✓	Ramshead Ditch									6
✓	Brickvard Landing									7
✓	Goodrich Point									8
✓	Rices Bridge									9
✓	Dolly Gordon Brook									10
✓	Cider Hill									11
✓	Cider Hill Creek									12
✓	Bass Cove Creek									13
✓	Chases Road									14
✓	Lincoln School									15
✓	Moulton Brook									16
✓	Scituate									17
✓	Scituate Pond									18
✓	Middle Pond									19
✓	Cranberry Swamp									20
✓	Folly Pond									21
✓	George Hooper Swamp									22
✓	Young Hill									23
✓	Chases Pond									24
		(not Lake Agamenticus)								
✓	Chases Pond									25
		(settlement)								
✓	Cape Neddick River									26
✓	Briley Brook									27

Remarks

	Remarks	Decisions
1		431706
2		"
3		432706
4		"
5		"
6		"
7		"
8	Pending with USGB	"
9	" "	"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		432707
25		432706
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8528

3	Name on Survey	Sources										
		A	B	C	D	E	F	G	H	K		
✓	Prebble Brook											1
✓	Bridges Ice Pond											2
✓	Cat Mountain											3
✓	Agamenticus Road											4
✓	Warneys Ice Pond											5
✓	Groundnut Hill											6
✓	Paint Hill											7
✓	Clay Hill Village											8
✓	Josias River											9
✓	Logging Road	name shown T-8529										10
✓	Big Bridge											11
✓	Big Bridge Hill											12
✓	Clay Hill Road											13
✓	Muddy Brook											14
✓	Clay Hill	(hill, at new location)										15
✓	Wilson Road	(northeast part of sheet)										16
✓	Long Hill											17
✓	Cockle Hill											18
✓	Wilson Bridge											19
✓	Clay Hill Brook											20
✓	Norton Road											21
✓	Ogunquit Road											22
✓	Third Hill											23
✓	Captain John Wynn Brook											24
✓	Second Hill											25
✓	Mt. Agamenticus											26
✓	Agamenticus School											27

Remarks

Decisions

	Remarks	Decisions
1		432706
2		"
3		"
4		432707
5		"
6		"
7	Pending with USGB	"
8		"
9	Pending with USGB	"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23	Pending with USGB	431707
24		"
25		432707
26		431707
27		"

GEOGRAPHIC NAMES

Survey No. T-8528

4	A	B	C	D	E	F	G	H	K		
Name on Survey	On Chart No.	On Previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List			
✓ Agamenticus Village										1	
✓ Braces Swamp										2	
✓ Welch Pond										3	
✓ Horse Hills										4	
✓ Jimmys Pond		not shown								5	
✓ Norman Brook										6	
✓ Hoopers Millpond										7	
✓ Norman Hill										8	
✓ Emerys Bridge			(locality)							9	
✓ Great Works River										10	
✓ Dorrs Bridge										11	
✓ Hoopers Mill Brook										12	
✓ Whites Marsh Brook										13	
✓ Bickel Mountain										14	
✓ Warren Brook										15	
✓ Warren Hill										16	
✓ Round Pond										17	
✓ Warren Pond										18	
✓ Yorkwoods			(area)							19	
✓ Yorkwoods Road										20	
✓ Bell Marsh										21	
✓ Bell Marsh Road										22	
✓ Brixham			(note new location)							23	
✓ Payneton		"	"	"						24	
✓ South Berwick Road										25	
✓ Smelt Brook										26	
✓ Rogers Brook										27	

T-8528

Remarks

Decisions

	Remarks	Decisions
1		All names through 20
2		on 431707 section
3		sheets
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GEOGRAPHIC NAMES

Survey No. T-8528

5	Name on Survey										
		A	B	C	D	E	F	G	H	K	
✓	<u>McIntire Garrison</u>		(locality)								1
✓	<u>Sherburn Brook</u>										2
✓	<u>Frost Hill</u>										3
✓	<u>Frost Hill Road</u>										4
✓	<u>Scotland</u>										5
✓	<u>Scotland Bridge</u>										6
✓	<u>Cooks Bridge</u>										7
✓	<u>Brown Brook</u>										8
✓	<u>Grover Brook</u>										9
✓	<u>Langleys Crossing</u>		(locality)								10
✓	<u>Cutts Ridge Brook</u>										11
✓	<u>Cutts Ridge</u>										12
✓	<u>Wilson Road</u>		(southwest part of quadrangle)								13
✓	<u>Cutts Road</u>										14
✓	<u>Beach Ridge</u>		(settlement)								15
✓	<u>Beach Ridge Road</u>										16
✓	<u>Barrell Farm</u>										17
✓	<u>Barrell Farm Brook</u>										18
✓	<u>Welch Road</u>										19
✓	<u>Libby Brook</u>										20
											21
											22
											23
											24
											25
											26
											27

Names underlined in red approved
by L. Heck on 5/13/44