

Original

8524

Diag'd. on diag. ch. No. 1205

8524

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey <u>Air Photographic Topographic</u>	
Field No. _____	Office No. <u>T-8524</u>
<u>York, Acadia Park</u>	
LOCALITY	
State <u>Maine</u>	
General locality <u>York County</u>	
Locality <u>Wells, Maine</u>	
<u>1944</u>	
CHIEF OF PARTY	
<u>Fred. L. Peacock</u>	
LIBRARY & ARCHIVES	
DATE <u>April 2, 1948</u>	

DATA RECORD

T- 8524

Quadrangle (II):

Wells, 7½ minute

Field Office:

Sanford, Maine

Compilation Office:

Baltimore, Maryland

Instructions dated (II III):

May 1, Aug. 31, Nov. 27,
and December 28, 1943

Completed survey received in office: 25 Jan. 1944

Project No. (II):

CS-303-D

Chief of Party:

F. L. Gallen

Chief of Party:

Fred. L. Peacock

Copy filed in Descriptive

~~Report No. T-~~ (VI)

Div. Photogram. Office Files

Reported to Nautical Chart Section:

Reviewed:

4/6/44

Applied to chart No.

Date:

Redrafting Completed: 29 April 1944

Registered:

March
17 Feb. 1948

Published: 1944

Compilation Scale:

1:20,000

Published Scale: 1:25000

Scale Factor (III):

None

Geographic Datum (III): N. A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): State Police Radio Tower, 1941

Lat.: 43° 20' 13.067" (4033) Long.: 70° 34' 04.129" (-93.0m) Adjusted
~~Unadjusted~~

State Plane Coordinates (VI):

Maine, west zone.

X = 393,273.00 ft.

(State grid not shown)

Y = 183,812.20 ft.

Military Grid Zone (VI)

'A'

Special 1000yd Harbor Defense Grid (Portsmouth-Portland Area)

STATISTICS (III)

Land Area (Sq. Statute Miles): 32

Shoreline (More than 200 meters to opposite shore): $11\frac{1}{2}$ Statute Miles

Shoreline (Less than 200 meters to opposite shore): 18 Statute Miles
measured along approximate center line only

Number of Recoverable Topographic Stations established: 7

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: Unknown

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

T-8524

This quadrangle, together with similar adjoining maps produced under Project C.S. 303D, 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:

AVAILABLE MAPS

The purpose of projects C.S. 303B and 303D was to prepare 1:25,000 scale $7\frac{1}{2}$ -minute quadrangles, 20 foot contour interval. The U. S. Geological Survey had recently completed 1:62,500 scale quadrangles of this area, and it was decided after conversation with the War Department to use the contours and as much of the planimetry as possible from these existing maps.

Copies of the U.S.G.S. source material were obtained, and on projects 303B and 303D this material was assembled into $7\frac{1}{2}$ -minute quadrangles and printed on metal-mounted boards in blue for field use. Copies of these same quadrangle assemblies were prepared for the photogrammetric office.

FIELD SURVEYS

The area was photographed at 1:20,000 scale with the nine-lens camera.

Field surveys prior to compilation include:

- (a) Vertical accuracy test of the U.S.G.S. contours. The 1:25,000 scale blueline boards mentioned above were used for this purpose. In general, the contouring checked well within the required accuracy for the 1:25,000 scale maps.
- (b) Horizontal accuracy test, which indicated that, generally, the planimetry from the 1:62,500 scale maps was not in sufficient detail and not quite within the accuracy requirements for the 1:25,000 scale quadrangles.

- (c) Field inspection of the aerial photographs for clarification of details.

COMPILATION OF MANUSCRIPT

Photogrammetric office work included:

- (a) Compilation of a new 1:25,000 scale planimetric map from the nine-lens photographs and field inspection data.
- (b) Compilation onto the planimetric map of contours from the blueline boards mentioned above, and including the corrections made by the field party.

FIELD EDIT

The compiled manuscripts, as mentioned above, were field-edited for details, but, generally, this work did not include accuracy tests, since these tests were made prior to compilation, as mentioned under Field Surveys.

Inspection
 FIELD ~~EDIT~~ REPORT
 QUADRANGLE T-8524
 Project CS-303-D
 F. L. Gallen, Chief of Party

2. COMPLETENESS OF FIELD ~~EDIT~~: *Inspection*

The field ~~edit~~^{*inspection*} is believed to be complete. All roads to be shown have been classified. All roads classed as 4U that were partially obscured on the photographs are shown by a dashed red line, thus - - - . All buildings to be shown on the compilation have been indicated.

6. DRAINAGE:

The drainage was put in by the use of the stereoscoped and checked in the field.

15. BRIDGES:

Bridges and culverts were classified according to the latest instructions.

17. BOUNDARY LINES AND MONUMENTS:

There are no town lines in this quadrangle. *There are, viz:*
Kennebunk Town } in
Wells Town } York Co.

18. GEOGRAPHIC NAMES:

Geographic names are the subject of a special report on this project by A. J. Wraight. *LA*

46. METHODS:

The field ~~edit~~^{*inspection*} was done on U S C & G S nine-lens photographs by visual inspection in the field. The greater part of the beach area was done on 1:10,000 scale photographs. All buildings to be shown on the compilation have been circled or blocked in in red and labeled except houses or dwellings which were only circled or blocked in. Inking was done in the office. All items and features are shown in red except drainage which is shown in blue.

47. See report on quadrangle T-8505.

48. ACCURACY TESTS:

The accuracy tests for this area are the subject of a special report on this quadrangle. *See page 5 of report. Div. of Photogrammetry Files.*

Approved and forwarded by:

F. L. Gallen

F. L. Gallen
 Chief of Party

Submitted by:

Orvis N. Dalbey

Orvis N. Dalbey
 Sr. Photo. Aid

WOODS AND BRUSH

TYPE

D Deciduous
E Evergreen
OY 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 sufficient notes are made on each photograph so that the variations in tone can be correctly interpreted in the office.

BRIDGE AND TUNNEL CLASSIFICATION

<u>First Symbol</u>	<u>One Lane</u>	<u>Unlimited</u>
Capacity	5 mph	
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

<u>Vertical Clearance</u>	
A	over 14 feet
B	over 13 feet
C	over 12 feet
D	over 11 feet, etc.

Third Symbol

<u>Horizontal Clearance</u>	
A	over 18 feet
B	over 17 feet
C	over 16 feet
D	over 15 feet, etc.

Fourth Symbol - Year of Classification

ROAD CLASSIFICATION FOR MAPS OF ALL ZONES

CLASS	LABEL	STRUCTURE	LOADING
1	Dependable hard-surface heavy duty road.	Concrete, asphaltic concrete bituminous Macadam, H-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 H-15 but sturdy.	Will bear fairly heavy military loads in all weather if maintained.
3	Loose-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 tick at point of change. Main roads have two lanes unless otherwise marked.

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

BUILDINGS

b - barn
 Bldg - Building
 Bo Ho - Boat House
 Ch - Church (give name)
 Ct Ho - Court House (give name)
 P.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 B - 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

HWL - Mean high water; fast land
 LWL - Low water line
 LL - Marsh shore line
 M - Marsh
 MGW - Marsh grass in water
 Dk - Dock
 Pier - Pier
 Se W - Sea Wall
 Blhd - Bulkhead
 Jet - Jetty
 Dol - Dolphnia
 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
 DX - Small ditch (delete)
 IS - Intermittent stream
 PD - Probable drainage
 Cr - Creek
 Ca - Canal
 Cv - Culvert
 Lev - Levee
 Dam - Dam
 P - Pond
 IP - Intermittent pond

VEGETATION

Gr - Grass
 Sw - Swamp
 Cy Sw - Cypress Swamp

26 CONTROL:

Twenty-six horizontal control stations were recovered and used to control the photographs in establishing secondary and detail points on this Map Manuscript. Twelve of these stations lie within the limits of this Map Manuscript. They are:

- CONGREGATIONAL CHURCH SPIRE, MAINE, 1851, r.1928
- GELASPUS POINT 154, 1941 (Confidential, not to be shown)
- STATE POLICE RADIO TOWER, 1941
- TT28TDA, 1941 (U.S.G.S.)
- WELLS CHURCH SPIRE, MAINE, 1851, r.1928
- WELLS TOWN HALL, TOWER, 1928
- 1517 (U.S.G.S.)
- 1522 (U.S.G.S.)
- 1580 (U.S.G.S.)
- 2201 (U.S.G.S.)
- 2205 (U.S.G.S.)
- 2209 (U.S.G.S.)

*Landmarks:
on Chart 1205
(8-11-47 corr.)*

Compilation office did not plot these stations as control stations. The positions were not available to the reviewer, so they are not shown on the celluloid or control overlay. They are traverse stations, run for control of the multiplex work and are probably not within the accuracy required for kind order control.

A field inspection station was established by the Field Inspection Party near the triangulation station, GELASPUS POINT 154, 1941. This assured accurate pricking of this horizontal control station on the office photograph. This field inspection station is shown with a small circle in orange ink on the reverse side of the Map Manuscript.

In addition to the twelve horizontal control stations above, one other station was recovered within the limits of this Map Manuscript. It was not identified by the Field Inspection Party, and was not used as control. The station is:

MOODY POINT 153, 1941 (Confidential not to be shown)

also shown on manuscript and overlay
Thirteen other horizontal control stations lie just outside the limits of the Map Manuscript and were used to supplement the horizontal control shown within the limits of the Map Manuscript. They are:

- BREAKWATER COURT CUPOLA, 1941
- CLIFF HOUSE CUPOLA
- KENNEBUNK UNITARIAN CHURCH SPIRE, MAINE, 1851, r.1928
- KENNEBUNK ORTHODOX CHURCH SPIRE, MAINE, 1851, r.1928
- KENNEBUNK MUNICIPAL STANDPIPE, MAINE, 1941
- KENNEBUNK BAPTIST CHURCH SPIRE, 1851, r.1928
- OGUNQUIT STANDPIPE
- TT147TDA
- WELLS, 1941
- 148 (U.S.G.S.)
- 1500 (U.S.G.S.)
- 1596 (U.S.G.S.)
- 2420 (U.S.G.S.)

- TT29TDA, 1941 (U.S.G.S.)
- TT30TDA, 1941 (U.S.G.S.)
- and
- TT40TDA, 1941 (U.S.G.S.)

Vertical
Δ TT 28 TDA (USGS)
29
30
40
BM Y-5
Z-5

The two confidential control stations were also removed from the manuscript

See Horizontal Accuracy Test Traverse No. 5, Project CS-303 D filed under Special Report in the Review Section. This traverse positions were compared to the positions of a USGS map ^{by the Photogram. Cont. Party} and the positions on T-8524 (the USGS quad.) The positions were used by the Baltimore Compilation Office as control and are shown with ~~small~~ small red ink circles on the back of the manuscript.

26 CONTROL: (cont'd)

The Compilation Office was also furnished the geographic positions and identified locations of horizontal accuracy Test Traverse No. 4⁵, part of which, Nos. T2 to T20, falls within the area of this Map Manuscript.

27 RADIAL PLOT:

The horizontal control recovered, which included the horizontal accuracy test points, was sufficient and well distributed. Enough horizontal control points appeared on each photograph to rigidly fix its center.

All of the photographs used for this radial plot were mounted on metal and did not appear to be subject to differential distortion.

Each photograph was oriented under the Map Manuscript, holding to its respective horizontal control. Radials were then drawn through well-defined points, which had been selected for secondary control points.

After all the photographs which fell in the area of the Map Manuscript had been oriented in this manner, and their respective centers established, it was found that good intersections had been obtained on all the secondary control points. These were pricked and are shown with double purple ink circles on the reverse side of the Map Manuscript.

Attached to this descriptive report, is a compilation showing how the horizontal control on each photograph was held for its orientation. } p. 18

28 DETAILING:

The Field Inspection Party furnished the Compilation Office adequate field inspection in most cases. A small portion of the shore line and swamp area was not field inspected. These areas were detailed after a careful stereoscopic examination of the nine lens photographs and comparison with similar areas was made. The field inspection data which was furnished on the nine lens field photographs, scale 1:20,000 and 1:10,000 was transferred to the 1:20,000 scale nine lens office photographs and then detailed. *additional inspection by Field Edil Party.*

All drainage shown on the field inspection photographs was verified by the use of a stereoscope and then transferred to the Map Manuscript.

Contours were transferred to the Map Manuscript from a blue line print mounted on metal of a survey made by the U. S. Geological Survey. It was necessary to reshape some of the contours to conform with the planimetry, delineated from the nine lens photographs by this Compilation Office. Instructions for the contouring of this Map Manuscript are contained in a letter from the Acting Director dated November 27, 1943. *Changes indicated by Field Edil Party, and done by the reviewer shown in yellow on manuscript.*

29 SUPPLEMENTAL DATA:

The following prior topographic surveys covering portions of this Map Manuscript have been previously made by the U. S. Coast & Geodetic Survey:

Survey No.	Date	Scale
T-1121	1869	1:10,000
T-1121a	1913	1:10,000
T-1159	1870	1:10,000
T-1159a	1912-13	1:10,000

These surveys were not available to the Compilation Office.

30 MEAN HIGH-WATER LINE:

 tide of
The stage of/the nine lens photographs, utilized in the process of detailing the Map Manuscript, were computed and found to be near half-tide.

The Field Inspection Party furnished partial data concerning the Mean High-Water Line.

31 LOW-WATER AND SHOAL LINES:

All low-water and shoal lines indicated by the field inspection data and those not identified by the field inspection data, but visible on the nine lens photographs, have been detailed on this Map Manuscript.

Not shown by compiler.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Numerous rocks which lie just off the Atlantic Coast Line were detailed on this Map Manuscript according to data furnished by the Field Inspection Party. Those radially plotted have been shown with the rock symbol, enclosed in a dotted circle. Rocks not identified by the Field Inspection Party, but delineated from the nine lens office photographs, were detailed on the Map Manuscript and noted on the discrepancy overlay for special investigation.

dotted circles removed by reviewer.

No other details offshore from the High-Water Line, was identified by the Field Inspection Party and none was visible on examination of the nine lens office photographs.

Sand beaches, mud flats, rock ledges, piers, and outline of foul areas shown on manuscript.

The following prior topographic surveys covering portions of this map manuscript have been previously made by the U. S. Coast & Geodetic Survey:

- | Survey No. | Date | Scale |
|--|------|-------|
| 1. Δ Cong. Ch. Spire 1851, 1928 | | |
| 2. Δ Wells Town Hall Tower 1928 | | |
| 3. Δ Wells Church Spire 1851, 1928 | | |
| 4. Δ State Police Radio Tower, 1941 | | |
- on chart 1205 (8-7-47 corr.)
not on chart 1205 (8-7-47 corr.)

These surveys were not available to the Completion Office.

Feb 1948 (LTS)

30 MEAN HIGH-WATER LINE

The state of the nine lens photographs, utilized in the process of detailing the map manuscript, were computed and found to be near half-tide.

The Field Inspection Party furnished partial data concerning the Mean High-Water line.

31 LOW-WATER AND SHOAL LINES

All low-water and shoal lines indicated by the Field Inspection data and those not identified by the field inspection data, but visible on the nine lens photographs, have been detailed on this map manuscript.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE

Numerous rocks which lie just off the Atlantic Coast line were detailed on this map manuscript according to data furnished by the Field Inspection Party. Those rocks plotted have been shown with the rock symbol, enclosed in a dotted circle. Rocks not identified by the Field Inspection Party, but delineated from the nine lens office photographs, were detailed on the map manuscript and noted on the discrepancy overlay for special investigation.

No other details of rocks from the High-Water line, was identified by the field inspection party and none was visible on examination of the nine lens office photographs.

checked field notes, and later, map manuscript.

Handwritten notes and scribbles in the left margin.

33 WHARVES AND SHORELINE STRUCTURES:

All wharves and shore line structures, indicated by the field inspection data and others interpreted from the nine lens office photographs, have been detailed on this Map Manuscript.

34 LANDMARKS AND AIDS TO NAVIGATION:

There are no landmarks or fixed aids to navigation that fall within the limits of this Map Manuscript. *There are landmarks in this area, see p. 4 of review.*

35 HYDROGRAPHIC CONTROL:

Form No. 524 is submitted with this report for each of the seven recoverable topographic stations which fall within the limits of this Map Manuscript. *Filed under sheet T-8524*

*GAB
IMP
HAL
INO
HEY
END
PAR*

Positions and descriptions are furnished thereon. All of these are believed to be suitable for use as partial control for future hydrographic surveys as long as they remain in position.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

No data was available to the Compilation Office concerning landing fields and aeronautical aids within the limits of this Map Manuscript. *None within this area*

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 this Map Manuscript complete. Other notes are shown which are deemed likely to be helpful in a few cases where special investigation is believed necessary. A legend to aid in the interpretation of symbols used on the Map Manuscript has also been shown.

all items taken care of.

38 GEOGRAPHIC NAMES:

The results of a geographic name investigation by A. J. Wraight have been furnished this Compilation Office by the Washington Office, on the Kennebunk, Maine 15 minute U. S. Geological Survey Quadrangle. Only the undisputed names have been shown on the Map Manuscript. Names appearing outside the area of the geographic name investigation have been transferred to the Map Manuscript from the U. S. Coast and Geodetic Nautical Chart No. 1205. A list of undisputed, disputed and recommended names is attached to this descriptive report.

Butlands PT.

39 HORIZONTAL ACCURACY:

The horizontal accuracy of this Map Manuscript is believed to be within the limits set forth for well-defined points and less well-defined points of detail, in paragraph No. 23, of the instructions for War Mapping Project CS-303, dated May 1, 1943. See *Traverse No 14 for T-8529 & T-8528*

40 RECOMMENDATIONS FOR FUTURE SURVEYS: *filed under special reports in Review section.*
Div. Photogram. Gen. Files

The planimetric detail, as presented on the Map Manuscript, is believed to be complete, including all field inspection; and careful interpretation of the photographs where the field data was lacking. However, due to a few uncertainties mentioned in this report and indicated on the discrepancy overlay, a final examination with respect to these points is recommended. *All notes on discrepancy overlay disposed of pertaining to uncertainties, have been settled satisfactorily.*

41 JUNCTIONS:

The following complete junctions have been made:

- To the west, with map manuscript for survey No. T-8523
- To the east, with map manuscript for survey No. T-8525
- To the south, with map manuscript for survey No. T-8529
- To the north, no contemporary survey has been contemplated.

42 REMARKS:

The area covered by this quadrangle lies entirely in York County, Maine. Most of the southeastern half of the quadrangle is covered by the Atlantic Ocean. The shore line along the Atlantic Ocean consists mostly of sand beaches behind which marsh areas run approximately one-half to one mile inland. A small portion of the Atlantic shore line is rocky.

The Boston & Maine Railroad (Western Division) runs diagonally across the northwest corner of the quadrangle. U. S. Highway No. 1 is the main road, and it extends from the northern limits to the southern limits of the Map Manuscript. Numerous dwellings and buildings appear along this highway.

Most of the area is covered by evergreen and deciduous trees. Some small farms are apparent.

The Mousam and Merriland Rivers drain most of the area toward the Atlantic Ocean. The land rises gradually from sea level at the salt marshes along the Atlantic Ocean, to an elevation of 212' appearing along the central-western limits of this quadrangle. There are no urban areas shown on the Map Manuscript.

43 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Comparison was made with a survey of a blue line print mounted on metal made by the U. S. Geological Survey No. T-8524A, scale 1:20,000.

It was found that considerable change in shore line was noticed in the vicinity of the mouth of Ogunquit River and the mouth of Webhannet River. In both cases, the Map Manuscript shows a receded shore line. All main roads are in fair agreement and very little change in drainage has been noted.

44 COMPARISON WITH NAUTICAL CHARTS:

Comparison with the following U. S. Coast & Geodetic Survey Charts was made:

Chart No.	Date	Reprinted	Scale
1106	June, 1938	July 15, 1941	1:80,000
1205	June, 1938	Sept. 15, 1943	

Due to the great scale difference, only a general comparison could be made. The shore line and common detail appeared in fair agreement.

Respectfully submitted,
January 24, 1944

John P. Kubasco
John P. Kubasco
Photogrammetric Aid

Map Manuscript, Discrepancy
Overlay and Descriptive Re-
port Reviewed by:

William H. Van Loon
William H. VanLoon
Principal Photogrammetric Aid

Compilation of Map Manu-
script Supervised by:

Joseph Steinberg
Joseph Steinberg
Asst. Photogrammetric Eng.

and

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

Approved & Forwarded:
January 25, 1944

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

LIST OF GEOGRAPHIC NAMES

Undisputed

- | | |
|--|---------------------------------|
| ✓ Bibb Rock | ✓ Lower Beach Road |
| ✓ Boston & Maine R.R. Western Division | ✓ Merriland River |
| ✓ Bragdon Road | ✓ Merriland Road - ? Ridge? yes |
| ✓ Branch River <i>BRUNK</i> | ✓ Mildram Hill |
| ✓ Branch Road | ✓ Mile Road |
| ✓ Brunt Mill Road | ✓ Mousam River |
| ✓ Buffim Hill | ✓ Moody Road |
| ✓ Charles Chase Corner | ✓ Moody Beach |
| ✓ Charles Chase Road | ✓ Ogunquit Beach |
| ✓ Coles Hill | ✓ Ogunquit River |
| ✓ Coles Hill Road | ✓ Old Road |
| ✓ Crescent Surf | ✓ Old Wharf |
| ✓ Elms | ✓ Pikes Mill Road <i>Ponds</i> |
| ✓ Elms Road | ✓ Poor Farm Branch <i>BRUNK</i> |
| ✓ Fernald Branch <i>BRUNK</i> | ✓ Sanford Road |
| ✓ Fishing Rocks | ✓ Stevens Branch <i>BRUNK</i> |
| ✓ Four Corners | Stevens Pond |
| ✓ Gelaspus Point | ✓ Webhannet River |
| ✓ Goodwin Branch | ✓ Wells |
| ✓ Hobbs Branch | ✓ Wells Beach |
| ✓ Hobbs Pond | ✓ Wells Beach Station |
| ✓ Johnson Road | ✓ Wells Poor Farm |
| ✓ Kennebunk Beach | ✓ West Kennebunk Road |
| ✓ Kennebunk Beach Road | |

LIST OF GEOGRAPHIC NAMES

Disputed

Recommended Names

Blacksmith Branch ^{OK} ✓Pope Creek ✓Moody ✓

Disputed Names

Gooch Branch

Little River

Ogunquit

~~Webhannet (Delete)~~

FIELD EDIT REPORT
To accompany
QUADRANGLE T-8524
Project 303-D

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 the stereoscope being used to interpret drainage and contour corrections after they were inspected in the field. Additional drainage information has been shown in blue ink on field inspection photograph No. 13765 at the request of the Directors letter dated January 29, 1944. Field edit notes have been noted on the 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 with red ink.

47. The compilation is believed to be complete and accurate as corrected by the field edit.

48. See field inspection report.

6. The low ground areas appearing in this quadrangle were inspected according to the Directors letter of January 29, 1944. The correct definition of these areas in the north part of the quadrangle has been noted on field inspection photograph No. 13765 which will be forwarded along with the field edit sheets. The low ground areas in the south part of the quadrangle are corrected on the compilation. The majority of these low ground areas are intermittent swamps, which is the interpretation most of the topographers give to the low ground classification, however several of the low ground symbols were noted on sloping ground as stated on the overlay and in some cases were used when the area classified was a swamp.

transferred to manuscript

Intermittent swamp is a better designation for areas of this nature as low ground can be variously interpreted to mean low dry areas or low swampy areas.

11. No aids to navigation appear in this quadrangle.

~~No horizontal contours in the field.~~
~~2 vertical contours omitted from map by USGS.~~
Submitted by

L.G. Chambers per F.L.G.

L. G. Chambers
Prin. Photo. Aid

Approved and forwarded

F.L. Gallen
F. L. Gallen
Chief of Party

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8524

WELLS, MAINE 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

Horizontal: See test for T-8528, 8529, Traverse No. 14. Only one point out of 12 was more than 0.5 mm in error - it was off only 0.52 mm.

Vertical: Two tests in this map area. Made on blue-line copy of USGS combination of planimetric and contour.

This map complies with the national standards of map accuracy requirements.

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, in common detail.

T-1121	1/10000	1869	T-1159	1/10000	1870
1121a	"	1913	1159a	"	1912-13

U.S.G.S. KENNEBUNK 15' (1898) 1:62500

The latest hydrographic survey was made in 1919.

Comparison with Nautical Charts Nos. 1205 1/80000

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:

Some of the rocks shown as submerged on the charts are bare at MLW according to field inspection.

State Police Radio Tower, 1941 (a triangulation station) ^{should} ~~could~~ be shown as a landmark.

The detail of the quadrangle should be applied when the chart is revised.

(The Radio Tower mentioned above is not on the Aug. 11, 1947 correction. LTS, Feb. 1948)

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

Field inspection and/or field edit corrections to contours and drainage; and off-shore data were added to the manuscript during review.

This review report was compiled from notes made during the reviewing process.

Off-shore data on the manuscript but not on the published copy has been transferred to the vault copy.

LTS Feb. 1948

Reviewed 6 April, 1944 By Jack L. Riker
under direction of D. H. Benson LTS

Inspected by B. G. Jones *B.G. Jones 3/48*

Examined and approved:

~~Chief, Survey Branch~~

K. T. Adams
Chief, ~~Topography Section~~
Div. of Photogrammetry

J. H. [Signature]
for Chief, Div. of Charts

C. K. Green
Chief, Div. of Coastal
Surveys

Remarks

Decisions

	Remarks	Decisions
1		
2		USGB
3		
4		
5		Railway Guide
6		Road Maps
7	Application of numbers to roads on the manuscript should be checked with latest York County Road Map from Mr. Stanley's section.	"
8		
9		432705-706
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21	Pending with USGB	"
22	PERMANENT/USGB/KIA/STAGE/PT/VIOLINE/KOAKA/	"
23		433705
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8524

WELLS quadrangle

1 Name on Survey

	A	B	C	D	E	F	G	H	K	
	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		
✓ Atlantic Ocean										1
✓ Laine	✓									2
✓ York County	✓									3
✓ Towns of Kennebunk, Wells										4
✓ Boston and Maine R.R.	✓									5
✓ U.S. No. 1										6
✓ State Roads 9A, 9B, 9A/35, 1/9, 109	✓	✓	✓	✓						7
										8
✓ Ogunquit Beach										9
✓ Ogunquit River										10
✓ Moody										11
✓ Moody Beach										12
✓ Moody Road	✓									13
✓ Johnson Road	✓									14
✓ Goodwin Brook										15
✓ Stevens Pond										16
✓ Stevens Brook										17
✓ Lower Beach Road	✓									18
✓ Charles Chase Corner										19
✓ Charles Chase Road										20
✓ Bibb Rock										21
✓ Buckman Rocks										22
	(see name standard chart 1205 for position)									
✓ Wells Beach										23
✓ Webhannet P.O.										24
	(this is the name of the P.O. at Wells Beach)									
✓ Mile Road										25
✓ Webhannet River										26
✓ Pope Creek										27

Remarks

Decisions

	Remarks	Decisions
1		430705
2		"
3		"
4		"
5		"
6		"
7		"
8		"
9		"
10		"
11	Pending with USGB, with respect to older usage of Branch River	"
12		"
13		"
14		"
15	Pending with USGB. Use this name instead of Fishing Rocks	"
16		"
17		"
18		"
19		"
20		"
21		"
22		433704
23		433706
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8524

2	Name on Survey	Sources										
		A	B	C	D	E	F	G	H	K		
		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			
✓	Wells											1
✓	Sanford Road	✓										2
✓	Poor Farm Brook											3
✓	Blacksmith Brook											4
✓	Old Harf											5
✓	Coles Hill											6
✓	Coles Hill Road	✓										7
	Pikes Mill Ponds											8
✓	Mildram Hill											9
✓	Merriland River											10
✓	Branch Brook											11
✓	Elms										(note new position)	12
✓	Elms Road											13
✓	West Kennebunk Road	✓										14
✓	Goulds Rocks											15
✓	Crescent Surf											16
✓	Mousam River											17
✓	Fernald Brook											18
✓	Gelaspus Point											19
✓	Kennebunk Beach											20
✓	Kennebunk Beach Road	✓										21
✓	Four Corners Old Road	✓										22
	Hobbs Brook											23
✓	Hobbs Pond											24
✓	Branch Road	✓										25
✓	Wells Poor Farm	✓										26
✓	Burnt Mill Road	✓										27

Remarks

	Remarks	Decisions
1		433706
2		"
3		"
4		"
5		433705
6		
7		
8		
9		
10		
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GEOGRAPHIC NAMES

Survey No. T-8524

3 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
<u>Herriland Ridge</u>	(part of it here)			T-8523					1
<u>Wells Beach Station</u>									2
<u>Buffin Hill</u>									3
<u>Braddon Road</u>	✓								4
<u>Wells Branch</u>	(village)								5
									6
									7
									8
									9
									10
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									24
									25
									26
									27

Names underlined in red approved
by L. HECK on 4/29/44

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.

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.