

Original

8525

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

8525

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-8525</u>
<u>Horiz. & Vert. Acc'y Tests</u>	
LOCALITY	
State <u>Maine</u>	
General locality <u>York County</u>	
Locality <u>Kennebunkport</u>	
<u>1944</u>	
CHIEF OF PARTY	
<u>Fred. L. Peacock</u>	
LIBRARY & ARCHIVES	
DATE <u>Mar 19-1948</u>	

DATA RECORD

T-8525

Quadrangle (II):

Kennebunkport $7\frac{1}{2}$ Minute
Field Office:

Sanford, Maine
Compilation Office:
Baltimore, Md.

Instructions dated (II III):

May 1, August 31, November 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: 4/3/44 Applied to chart No. Date:

Redrafting Completed: 29 April, 1944

Registered: 6 Feb. 1948 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): REDDEN, 1941

Lat.: $43^{\circ} 22' 17.777''$ 548.6 Long.: $70^{\circ} 26' 43.095''$ 970.2 Adjusted N. A. 1927
(1303.0m) (380.6m) ~~Unadjusted~~

State Plane Coordinates (VI): ^{The State Grid is not shown.} ~~There is no state grid.~~ ^{It is replaced by}
the Harbor Defense Grid is shown.
X = _____ Y = _____

Military Grid Zone (VI) 'A'

special Harbor Defense Grid (Portsmouth-Portland Area)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
13739 to 13743 Incl.	4/18/43	1:10 p.m.	1:20,000	5.3' above M. L. W.
13708	4/18/43	12:34 p.m.	1:20,000	6.4' above M. L. W.

Tide from (III): Tables of predicted tides, reference station Portland, Maine, with corrections for Cape Porpoise, Maine
Mean Range: 8.7' Spring Range: 9.9'

Camera: (Kind or source) U. S. Coast & Geodetic Survey nine lens camera (focal length 8 $\frac{1}{2}$ ")

Field Inspection by:

date:

Field Edit by:

(Clarence J. Attig)
L. G. Chambers

date:

(Summer, 1943)
Feb., 1944

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

Same as date of photographs

Projection and Grids ruled by (III) Washington Office

date: Unknown

" " " checked by: Washington Office

date: Unknown

Control plotted by: John P. Kubasco

date: Sept. 27, 1943

Control checked by: Henry P. Eichert

date: Sept. 28, 1943

Radial Plot by: William H. VanLoon & John P. Kubasco

date: 10/7 to 10/8/43

Detailed by: Ruth E. Rudolph

date: 12/18/43 to 1/29/44

Reviewed in compilation office by: William H. VanLoon

date: 1/27/44 to 1/29/44

Elevations on Field Edit Sheet L. G. Chambers
checked by:

date: Feb., 1944

STATISTICS (III)

Land Area (Sq. Statute Miles): 7

Shoreline (More than 200 meters to opposite shore): $10\frac{1}{2}$ Statute Miles

Shoreline (Less than 200 meters to opposite shore): $3\frac{3}{4}$ Statute Miles

(center line of streams only)

Number of Recoverable Topographic Stations established: 5 (one of which is a tidal bench mark)

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

This quadrangle, together with similar adjoining maps produced under Project C.S. 3030, 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. 1943

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.

INSPECTION
FIELD ~~EDIT~~ REPORT
QUADRANGLE T-8525
Project GS-303-D
F. L. Gallen, Chief of Party

2. COMPLETENESS OF FIELD ~~EDIT~~ *inspection*

The field ~~edit~~ *inspection* on this quadrangle is believed to be complete. All roads and buildings to be shown have been classified and inked in. Wooded areas have been classified according to instructions. Low ground and swampy areas were designated.

6. See report for T-8505.

14. ROADS:

Unimproved roads in almost daily use were classified 4U. Unimproved roads that are used only occasionally or the reason for whose use has disappeared were classified as trails.

15. See report for T-8505.

16. BUILDINGS:

All buildings to be shown on the compilation have been circled and labeled except houses or dwellings which were circled only. In the villages of Kennebunkport and Kennebunk Beach the public buildings were numbered, and an index with corresponding names was inked on the edge of the photograph.

17. BOUNDARY MONUMENTS AND LINES:

The Kennebunk River forms the boundary line between Kennebunk and Kennebunkport. This is the only boundary line in this quad.

18. GEOGRAPHIC NAMES:

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

46. METHODS:

The field ~~edit~~ *inspection* was done on U S C & G S nine-lens photographs by visual inspection in the field. Inking was done in the office. Blue ink was used for drainage and red for all other items except in Kennebunkport and Kennebunk Beach where black ink represents commercial buildings and green represents the public buildings.

47. See report for T-8505.

48. See report for T-8505.

Approved and forwarded by:

F. L. Gallen

Submitted by:

Clarence J. O'Leary

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 sufficient notes are made on each photograph so that the variation in tones can be correctly interpreted in the office.

BRIDGE AND TUNNEL CLASSIFICATION

<u>First Symbol</u>	<u>One Lane</u>	<u>Unlimited</u>
Capacity	Capacity	
A	30 tons	25 tons
B	25 tons	18 tons
C	18 tons	13 tons
D	10 tons	7 tons
E	8 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 18 feet
	D - over 19 feet, etc.

Fourth Symbol - Year of Classification

ROAD CLASSIFICATION FOR MAPS OF ALL STATES

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- and 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.
4B	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. 2 LANE. Change in lanes shown by line at point of change. Main roads have two lanes unless otherwise marked.

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

STRUCTURES

- b - Bridge
- Blg - Building
- Bo Ho - Boat House
- Ca - Canal (give name)
- Ct Ho - Control Tower (give name)
- P.O. - Post Office (give name)
- Sch - School (give name)
- Lot - Lighthouse (give name)
- RA Sta - Railroad Station
- Sto - Store (give name or gas station)
- R Sta - Radio Station

BOUNDARIES

- BDY - Boundary
- F B - Fire Break
- HDS - Hedge
- Park - Park
- Cem - Cemetery
- Cc - County

LANDMARKS

- FT - Fire Tower (give name)
- TT - Transmission Tower
- RP - Radio Tower or mast
- Air Bn - Airway Beacon
- Bn - Non-lighted aid to navigation
- Lt - Lighted aid to navigation
- Tk - 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

- HW - Mean high water, fast land
- SL - Low water line
- HL - Marsh shore line
- M - Marsh
- RF - Marsh grass in water
- Dk - Dock
- Pl - Pier
- Sea T - Sea Tull
- BHd - Bulkhead
- Jat - Jetty
- Dol - Dolphin
- Pile - Pile
- S - Sand
- Mud - Mud

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

STREAMS AND PONDS

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

VEGETATION

- Gr - Grass
- Sw - Swamp
- Cy Sw - Cypress Swamp

26 CONTROL:

Nine U. S. Coast & Geodetic Survey triangulation stations and three U. S. Geological Survey horizontal control stations were used as horizontal control for the orientation of the photographs to establish secondary control, photograph centers and detail points.

Of these stations, six U. S. Coast & Geodetic Survey triangulation stations lie within the limits of the Map Manuscript. These stations are:

- BREAKWATER COURT CUPOLA, 1941
- CAPE PORPOISE 155, 1941 (*Confidential*)
- CAPE PORPOISE CHURCH SPIRE, 1941
- GOAT ISLAND LIGHTHOUSE, 1903, r.1941
- KENNEBUNKPORT BAPTIST CHURCH SPIRE (Me.), 1851, r.1928 (d.)
- REDDEN, 1941
- *Fishing Rock Spindle*

A field inspection station was established by the Field Inspection Party at a well-defined point near the horizontal control station REDDEN, 1941.

The remaining three U. S. Coast & Geodetic Survey triangulation stations and three U. S. Geological Survey horizontal control stations lie just beyond the limits of the Map Manuscript. They are:

- GELASPUS POINT, 1941
- KENNEBUNK ORTHODOX CHURCH SPIRE
- KENNEBUNK UNITARIAN CHURCH SPIRE
- 2209+ (U.S.G.S.)
- 2414+ (U.S.G.S.)
- 2420+ (U.S.G.S.)
- TT41 TOA (USGS BH 36) added.*

In addition to the above named stations, the Compilation Office was furnished the geographic positions and identified location of horizontal accuracy Test Traverse No. 4, part of which Nos. T-27 and T-28, fall within the area of this Map Manuscript. ~~It is noted that the triangulation stations at Cape Porpoise are at the intersection of the highway & road to the detail point, all of which are at Cape Porpoise at the intersection of the highway & road to the detail point.~~

27 RADIAL PLOT:

This radial plot was run in the same manner as that described in Paragraph No. 27 of the descriptive report for Survey No. T-8524.

28 DETAILING:

Adequate field inspection data was furnished the Compilation Office for interior area only.

A few of the islands off Cape Porpoise had been field inspected. Those not field inspected were delineated by comparison with similar areas and stereoscopic examination of the nine lens office photographs.

28 DETAILING: (cont'd)

All drainage was verified by stereoscopic examination of the nine lens office photographs and then transferred to the Map Manuscript.

Paragraph 15 of the field edit report states that bridges were classified. This data has not been furnished the Compilation Office.

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 in order to conform with the planimetry delineated from the nine lens photographs by this Compilation Office. Instructions for the treatment of the contours on this Map Manuscript are contained in a letter from the Acting Director dated November 27, 1943.

29 SUPPLEMENTAL DATA:

The following previous topographic surveys, made by the U. S. Coast & Geodetic Survey, cover portions of the area of this Map Manuscript:

Survey No.	Dated	Scale
T-761	1859	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.

A blue line print mounted on metal of a survey made by the U. S. Geological Survey, scale 1:20,000 was furnished the Compilation Office.

30 MEAN HIGH-WATER LINE:

The stage of tide of all the photographs, used in the process of detailing this Map Manuscript, was computed and found to be at or near half-tide.

The high-water line, as shown on the field inspection, was verified by stereoscopic examination of the nine lens office photographs and then transferred to the Map Manuscript.

31 LOW-WATER AND SHOAL LINES:

Several foul areas, interpreted as rock ledge by the Compilation Office, have been shown on the Map Manuscript in the vicinity of Cape Porpoise. An appropriate note has been shown on the discrepancy overlay defining these areas.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

All rocks indicated on the field inspection photographs have been radially plotted and shown with the conventional rock symbol enclosed in a dotted circle.

Rocks, not indicated on the field inspection photographs, but visible on the nine lens office photographs have been detailed and noted on the discrepancy overlay.

33 WHARVES & SHORE LINE STRUCTURES:

All wharves and piers indicated by the field inspection data and additional piers visible on the nine lens office photographs have been shown on this Map Manuscript.

34 LANDMARKS & AIDS TO NAVIGATION:

One aid to navigation, GOAT ISLAND LIGHTHOUSE, 1903, r.1941, which is also a U. S. Coast & Geodetic Survey triangulation station, falls within the limits of this Map Manuscript.
See also paragraph 11 of Field Edit Report

35 HYDROGRAPHIC CONTROL:

Form No. 524 has been submitted for four ^{+ 1 BM} recoverable topographic stations which lie within the limits of this Map Manuscript. Posi-
tions and descriptions are furnished thereon. These stations are be-
lieved suitable for partial hydrographic control as long as they remain
standing. FIG
RIG
COP
NOW
TBM1 (1919)

36 LANDING FIELDS & AERONAUTICAL AIDS:

No data has been furnished the Compilation Office concerning any landing fields or aeronautical aids within the limits of this Map Manuscript.

37 DISCREPANCY OVERLAY:

A discrepancy overlay has been prepared during the process of detailing, to accompany this Map Manuscript. On it are notes regarding differences of interpretation between the field inspection data and the Compilation Office, and other notes which are likely to be of assistance during the time of a recommended special field investigation.

38 GEOGRAPHIC NAMES:

Geographic names appearing on this Map Manuscript have been compiled from the results of an investigation of geographic names by A.J. Wraight, furnished by the Washington Office and supplemented with Nautical Chart No. 1205. A list has been prepared of undisputed names, disputed names, and recommended names, and is attached to this descriptive report. Undisputed names only have been shown on the Map Manuscript.

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 under paragraph 23, of the instructions for War Mapping Project CS-303, dated May 1, 1943. *Listing & computations filed in Div. Photogram. General files under "Special Reports"*

40 RECOMMENDATIONS FOR FUTURE SURVEYS:

The planimetric detail as presented on this Map Manuscript is believed to be complete, including all field inspection data and careful interpretation of the photographs where field inspection data was lacking. It is recommended, however, that a few uncertainties noted on the discrepancy overlay be examined during a special investigation.

41 JUNCTIONS:

Complete and satisfactory junctions have been made with the following Map Manuscripts:

- To the north, with Map Manuscript for Survey No. T-8520.
- To the west, with Map Manuscript for Survey No. T-8524.
- To the south and east is the Atlantic Ocean.

42 REMARKS:

Approximately $3/4$ of the area covered by this quadrangle is the Atlantic Ocean. The land area covers approximately 7 square miles and consists mostly of the area off Cape Porpoise, Maine and immediate vicinity.

Most of the shore line is rocky, except at Kennebunk Beach. Numerous small islands offshore are also of a rocky nature.

State Highway No. 9 runs diagonally across the land area and is the main road.

The villages of Kennebunkport, Lower Kennebunk, and Cape Porpoise appear on this quadrangle. The area is well populated. Small farms are adjacent to the main roads.

The remaining land area is covered with evergreen and deciduous trees.

The minor drainage is carried off by the Kennebunk River flowing into the Atlantic Ocean and small streams flowing into Porpoise Cove and Turburn Creek.

In most cases, a 20' bluff appears at the shore line and the elevation increases inland to a general elevation of 40'. One hill, 77' high, is just east of Kennebunkport.

43 BENCH MARKS:

The position of one tidal bench mark within the limits of this Map Manuscript has been determined by radial intersections. *T.B.M. 1, Bickford I.*

Form No. 524 is herewith submitted to accompany this Map Manuscript, for this bench mark.

TT41 TDA (USGS BM 36) added

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Comparison was made with a survey by the U. S. Geological Survey, shown on a blue line print and mounted on metal, scale 1:20,000.

A small island south of Stage Island is shown on the Geological Survey Quadrangle as being connected to Stage Island.

Several small islands shown on the U. S. Geological Survey Quadrangle southwest of Trott Island have been detailed on the Map Manuscript as rock ledge.

In general, the shore line and all inshore common detail appeared to be in good agreement.

45 COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with U. S. Coast & Geodetic Survey Nautical Chart No. 1205, scale 1:80,000, dated September 15, 1943, by use of the vertical projector.

On the Chart, Kennebunk River is located approximately 200 meters south of Kennebunk River as detailed on this Map Manuscript. This may be due in part to the fact that it was necessary to enlarge the Chart in the projector from the Chart scale of 1:80,000 to the Map Manuscript scale of 1:20,000.

*This statement
is in error.
(L.T.S.)*

Shore line and other interior detail were in good agreement.

Respectfully submitted,
January 28, 1944

Ruth E. Rudolph
Ruth E. Rudolph
Asst. Photogrammetric Aid

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

William H. Van Loon
William H. VanLoon
Pr. 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:

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

~ 8525 ~

	13740	13741	13739	13708	13743	13742
Kennebunkport Baptist Church Spire	G	G	G	G	G	G
Breakwater Court Cupola	T	N	N	T	G	G
F.I.P. Gelaspus Point	G	G	G	G	G	G
2209+	G	G	G	G	G	G
Kennebunk Unitarian Church Spire	G	G	G	G	G	G
Kennebunk Orthodox Church Spire	G	G	G	G	G	G
2408+	T	G	T	G	T	G
TT47TDA	T	G	T	G	G	T
F.I.P. Redden	T	G	G	T	G	T
T 28	T	G	G	T	G	T
Goat Island Lighthouse	G	G	G	T	G	G
Capa Porpoise Church Spire	G	G	G	T	G	G
2420+	G	G	G	T	G	G
2414+	G	G	G	T	G	G
F.I.P. Hooper	G	G	G	T	G	G
F.I.P. TT45TDA	G	G	G	T	G	G
TD44TDA	G	G	G	T	G	G
Fletchers Neck Water Tank	G	G	G	T	G	G
TT46TDA -2399	G	G	G	T	G	G
Stage Island Monument	G	G	G	T	G	G
F.I.P. Fletchers Neck	G	G	G	T	G	G
Wood Island Light house	G	G	G	T	G	G

COMPILATION SHOWING HOW THE HORIZONTAL CONTROL WAS HELD FOR THE ORIENTATION OF THE PHOTOGRAPHS DURING THE RUNNING OF THE RADIAL PLOT.

Legend

- G...denotes good.
- T...denotes tangent
- N...numeral denotes meters and arrow denotes direction radial line is off geographic position.

FIELD EDIT REPORT
TO ACCOMPANY
QUADRANGLE T-8525
PROJECT 303-D

46. The field edit of this quadrangle was accomplished mainly 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. Bridges have been classified according to instructions. The shore line has been inspected and relocated in some areas. Several additional rocks and reefs have been added to the compilation.

The various field edit notes have been added to the cloth backed copy of the compilation according to the following color scheme.

Additions Black Ink
Deletions Green Ink
Drainage Blue Ink
Contours Brown Ink
Notes on the discrepancy overlay have been checked off with red ink.

47. The compilation is believed to be complete and accurate as corrected by the field edit. Drainage was added and deleted in some areas with the aid of the stereoscope after being inspected in the field. One bench mark, T.T. 41 T.D.A., has been added, this station is a U.S.G.S. traverse monument also.
49. Junctions have been checked with T-8524 on the west and found to be satisfactory.
11. Four additional aids to navigation were located and are submitted on the attached form 567. Three of the aids were located by planetable and the fourth, Fishing Rock Spindle, is a U.S. Coast and Geodetic Survey triangulation station.

Submitted by:

L.G. Chambers JH
L.G. Chambers
Prin. Photo. Aid

Approved and Forwarded by:

F.L. Gallen

F.L. Gallen
Chief of Party

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.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~TO BE CHARTED~~ }
~~TO BE DERIVED~~ } STRIKE OUT ONE

ADD TO NEW EDITION
LANDMARKS FOR CHARTS

Sanford, Me. Feb. 22, 1944, 193

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

F. L. Gallen

Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	LATITUDE		LONGITUDE		DATUM	METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		D. M. METERS	D. P. METERS	D. M. METERS	D. P. METERS							
	Kennebunkport, Me.											
	Goat Island Bn.	43-21	782	70-25	806	N.A. 1927	Plane table	2/11/44				X 1205
	Folly Island Bn.	43-21	711	70-25	908	"	"	"			X	"
	Oaks Reef, Outer Rk. Bn.	43-20	529	70-29	602	"	"	"			X	"
	Fishing Rock Spindle, 1868	43-20	330.1	70-28	1068.1	"	Triangulat.	1868 1928			X	"

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.

LIST OF GEOGRAPHIC NAMES

Undisputed

- | | |
|-----------------------------|---------------------------------|
| ✓Atlantic Ocean | ✓Little Fishing Rock |
| ✓Bass Island | ✓Lower Kennebunk |
| ✓Bickford Island | ✓North Kennebunkport (Township) |
| ✓Bumpkin Island | ✓Ocean Avenue |
| ✓Campbell Road | ✓Old Road Forks |
| ✓Cape Island | ✓Old Road |
| ✓Cape Porpoise (vill. camp) | ✓Porpoise Cove |
| ✓Cape Porpoise Harbor | ✓Redin Island |
| ✓Cape Rocks | ✓School Street |
| ✓Ellison Creek | ✓Shackford Pond |
| ✓Fishing Rock | ✓Stage Harbor |
| ✓Folly Island | ✓Stage Island |
| ✓Goat Island | The Old Prince |
| ✓Kennebunk (Township) | ✓Trott Island |
| ✓Kennebunk Beach | ✓Turbatt Village |
| ✓Kennebunk River | ✓Turburn Creek |
| ✓Kennebunkport (Township) | ✓Vaughn Island |
| ✓Kennebunkport (Town) | ✓Wylde Village |

LIST OF GEOGRAPHIC NAMES

Disputed

Recommended

Casino Hill

Disputed

Great Hill

Remarks

Decisions

	Remarks	Decisions
1		
2		
3		
4		Road Maps
5		
6		All names on this
7		quadrangle are on
8		433704
9		
10		
11		
12		
13	Not Stage Harbor	
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25	Pending with USGB: use this name instead of Ellison Creek	
26	Pending with USGB: use this instead of Turburn Creek	
27		

GEOGRAPHIC NAMES

Survey No. T-8525

Kennebunkport quadrangle

1	Name on Survey														
		A	B	C	D	E	F	G	H	K					
✓	York County,														1
✓	Atlantic Ocean														2
	Towns of Kennebunkport, North Kennebunkport, Kennebunk														3
	State Roads No. 9 and 85 (latter is also in part 9A)														4
															5
✓	✓ Cape Porpoise														6
	(cape, extremity formed by Cape Island)														
✓	✓ Cape Island														7
✓	✓ Cape Rocks														8
✓	✓ Cape Porpoise Harbor														9
	(northwestward of Goat Island Light, rather than as shown on manuscript)														
✓	✓ Cape Porpoise														10
	(village)														
	Sampson Cove														11
	name T-8520														
✓	✓ Stage Island														12
✓	✓ Stage Island Harbor														13
✓	✓ Little Stage Island														14
	(south of Stage Island)														
✓	✓ Redin Island														15
✓	✓ Bickford Island														16
✓	✓ Porpoise Cove														17
✓	✓ Goat Island														18
✓	✓ Goat Island Light														19
✓	✓ Trott Island														20
✓	✓ Folly Island														21
✓	✓ Vaughn Island														22
✓	✓ Bass Island														23
✓	✓ Green Island														24
✓	✓ Petty Creek														25
✓	✓ Turbatt Creek														26
✓	✓ Pumpkin Island														27

Remarks

Decisions

1		All names on this quadrangle are on
2		436704
3		
4		
5		
6		
7		
8		
9		
10		USGB
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-8525

2	Name on Survey	Source of Name										1	
		A	B	C	D	E	F	G	H	K			
	<u>Walkers Point</u>												1
	<u>Turbatt Village</u>												2
	<u>Casino Hill</u>												3
	<u>Fishing Rock</u>												4
	<u>Little Fishing Rock</u>												5
	<u>Oak Reef</u>												6
	<u>Ocean Avenue</u>												7
	<u>School Street</u>												8
	<u>Campbell Road</u>												9
	<u>Kennebunkport</u>												10
	<u>Kennebunk River</u>												11
	<u>Kennebunk Beach</u>												12
	<u>Shackford Pond</u>												13
	<u>Lower Kennebunk</u>												14
	<u>Old Road</u>												15
	<u>Old Road Forks</u>												16
	<u>Tylas Village</u>												17
													18
													19
													20
													21
													22
													23
													24
													25
													26
													27

Names underlined in red approved
by L. Heck on 7/11/44

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T- 8525

KENNEBUNKPORT, 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

Vertical accuracy test points are well within the required accuracy standard.

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-761	1/10000	1859	T-1159, 1159a	1/10000	1912-13
U.S.G.S.	BIDDEFORD	15'	ed 1893, rep 1943	1/65200	

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:

The map manuscript depicts 6 rocks awash MLW, and 5 rocks above MHW. They were located by the radial plot method. Some of these rocks appear on chart 1205 as "sunken", and some are not on the chart. (LTS, 6 Feb. 1948)

The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review: Numerous field edit data were applied to the map manuscript. Three beacons, a triangulation station, and the rocks mentioned in the preceding paragraph are the most noteworthy.

This review report is written from notes ^{made} during review of the manuscript. (LTS)

Reviewed 3 April 1944 By J. H. Stewart
under direction of D. H. Benson rev. T.S.

Inspected by B. G. Jones *B.G. Jones 2/48*

Examined and approved:

~~Chief, Survey Branch~~
Technical Assistant to the
Chief, Div. of Photogrammetry
K. T. Adams
~~Chief, Topography Section~~
Div. of Photogrammetry

[Signature]
Chief, Div. of Charts
Nautical Charts Branch
[Signature]
Chief, Div. of Coastal
Surveys