

5996

Diag'd. on Diag. Ch. No. 1204-2 Insert

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. CS-272 Office No. T-5996

LOCALITY

State Maine

General locality Coast Of Maine

Locality Medomak River - Muscongus Bay  
Pemaquid Pond - Duckpuddle Pond

1944

CHIEF OF PARTY

F.L. Peacock

LIBRARY & ARCHIVES

DATE April 5-1949

9-1870-1 (1)

5996

## DATA RECORD

T- 5996

## Quadrangle (II):

Waldoboro Quadrangle (15') U.S.G.S. Maine

Project No. (II): CS-272

Sub-Project CS-272-C

## Field Office:

Air Photographic Party No. 2  
Baltimore, Maryland

## Chief of Party:

Fred. L. Peacock

## Compilation Office:

Air Photographic Party No. 2  
Baltimore, Maryland

## Chief of Party:

Fred. L. Peacock

## Instructions dated (II III):

January 12, 1942

April 1, 1942

April 20, 1942

Completed survey received in office: 7 March, 1944

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

## Reported to Nautical Chart Section:

Reviewed: 5 March, 1946

Applied to chart No. 313 (Recent) Date: 9/20/46

Redrafting Completed: 27 April, 1945

Registered: March 1949  
~~11 March, 1948~~

Published: Jan. 1947

Compilation Scale: 1:9,700

Published Scale: 1:10000

Scale Factor (III): 1.031

Geographic Datum (III): N. A. 1927

Datum Plane (III): <sup>H. W.</sup> Mean Sea Level

Reference Station (III): KINSEL, 1860, 1934, r.1943

Lat.: 44° 05' 05.99" 184.9m Long.: 69° 23' 23.82" 530.0m ~~Adjusted~~ Field Computation  
Unadjusted

State Plane Coordinates (VI): West Zone

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>*Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
7127 to 7129	10/20/41	11:30a.m. E.S.T.	1:10,000	10.0' above M. L. W.
7089 to 7093	10/20/41	10:35a.m. E.S.T.	1:10,000	11.1' above M. L. W.
7052 to 7056	10/20/41	9:44a.m. E.S.T.	1:10,000	11.1' above M. L. W.

\*Photographs Nos. 7089 to 7092 inclusive and 7055 to 7056 inclusive are unmounted.  
All others are mounted.

**Tide from (III):** Tide tables, Atlantic Ocean, reference station Portland, Maine with corrections to Waldoboro-Medomak River.

**Mean Range:** 9.5' **Spring Range:** 10.9'

**Camera: (Kind or source)** U. S. Coast & Geodetic Survey nine lens camera (focal length  $8\frac{1}{4}$ " ). All negatives are on file in the Washington Office.

**Field Inspection by:** Lieut. Comdr. Henry O. Fortin **date:** Summer, 1943

**Field Edit by:** **date:**

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

Photographs of October 20, 1944/1941  
Supplemented by Field Inspection  
data obtained in the Summer of  
1943.

**Projection and Grids ruled by (III)** J. O'Neill

**date:** 7/19 & 7/21/43

" " " **checked by:** B. R. C.

**date:** 7/19 & 7/21/43

**Control plotted by:** Mary Katherine Olthouse  
Carlyn Goldenberg

**date:** 7/26/43

**Control checked by:** Abraham L. Goncharsky  
Harry R. Rudolph

**date:** 8/4/43

**date:** 7/26/43

**date:** 8/4/43

**Radial Plot by:** Michael G. Misulias

**date:** 8/4/43

**Detailed by:** Carlyn Goldenberg (Shoreline &  
Interior Rough Draft)

**date:** 8/29/43 to 9/11/43  
10/29/43 to 1/15/44

**Reviewed in compilation office by:** Michael G. Misulia

**date:** September, 1943  
February, 1944

**Elevations on Field Edit Sheet  
checked by:**

**date:**

STATISTICS (III)

Land Area (Sq. Statute Miles); 28

Shoreline (More than 200 meters to opposite shore):  $6\frac{1}{2}$  Statute Miles

Shoreline (Less than 200 meters to opposite shore): 3 Statute Miles  
Shoreline of Interior Ponds 17 Statute Miles

Number of Recoverable Topographic Stations established; 9

Number of Temporary Hydrographic Stations located by radial plot: 39

Leveling (to control contours) - miles: None

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:



26 CONTROL:

The control plotted and the control transferred from adjoining Map Drawings consists of ten (10) horizontal control stations. Six (6) of these control stations are U. S. Coast & Geodetic Survey triangulation stations, and the remaining four (4) are Maine State Survey Traverse Stations. All of the stations have been shown on the Map Drawing with the conventional symbol.

The following horizontal control stations are within the detail limits of the Map Drawing:

One (1) U. S. Coast & Geodetic Survey Triangulation Station:

• KINSEL 1860, 1934, r.1943

Three (3) Maine State Traverse Stations:

- ME.G.S.
- MONUMENT NO. 177 C.W.A. Maine State Survey Traverse 1934-1935, also B.M. r.1943
  - MONUMENT NO. 176 C.W.A. Maine State Survey Traverse 1934-1935, also B.M. r.1943
  - MONUMENT NO. 174 C.W.A. Maine State Survey Traverse 1934-1935, also B.M. r.1943

The following horizontal control stations are outside the detail limits of the Map Drawing:

One (1) Maine State Survey Traverse Station:

MONUMENT NO. 172 C.W.A. Traverse 1934-1935, r.1943 also B.M.

Five (5) U. S. Coast & Geodetic Survey Triangulation Stations:

WALDOBORO, 1911-1912, r.1943  
WALDOBORO WHITE SPIRE ON FIRST BAPTIST CHURCH, 1934, r.1943  
WALDOBORO SHORT SPIRE, 1860, r.1943  
COMERY, 1860, 1934, no recovery in 1943  
GEEL, 1860, 1934, r.1943

The triangulation symbol drawn in black acid ink indicates that the position of the station has been plotted directly on the Map Drawing from geographic coordinates. The symbol drawn in red acid ink indicates that the position has been transferred from an adjoining Map Drawing by the method of matching common projection lines and pricking through.

27 RADIAL PLOT:

All common secondary points and photograph centers previously established by radial plots for the areas of adjoining surveys were transferred to the projection sheet for the area of Survey No. T-5996. The positions of these secondary points and photograph centers have been shown on the glossy side of the celluloid with red ink circles.

No templates were used to lay the plot, the photographs being oriented directly under the celluloid projection sheet.

The positions of all secondary points and photograph centers, established by the radial plot, are considered relatively strong with respect to the horizontal control and they have been shown with small double and large single purple ink circles respectively.

All common secondary points established on adjoining surveys and all photograph centers, horizontal control, and flight lines were "held to" either 100% or tangent in the plot.

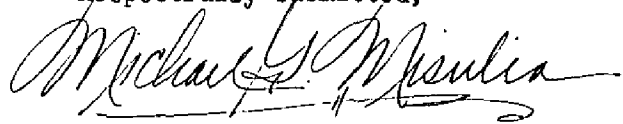
The control identification was satisfactory.

The number of photographs and horizontal control stations was sufficient to lay and control the plot.

The error of closure was negligible and no exceptional difficulty was encountered in the adjustment.

It is believed that the positions of secondary points and photograph centers established by this plot are within the standard of accuracy required by the Washington Office.

Paragraph No. 27  
Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Michael G. Misulia", with a horizontal line drawn underneath it.

Michael G. Misulia  
Jr. Topographic Engineer



28 DETAILING:

This Map Drawing, Survey No. T-5996, has been compiled in accordance with instructions set forth in the Director's letters dated January 12, and April 1, 1942, Project No. CS-272.

The area of the Map Drawing was well covered by photography, except for the area outlined in green ink, in the northwest portion of the Map Drawing. The number of photographs was sufficient to detail the planimetry satisfactorily in conjunction with the furnished field inspection data, except for the area outlined in green ink and where dense vegetation was present.

The general character of the shore line in the area of Survey No. T-5996 is rocky. The interior consists of cultivated farmland, small towns and dense wooded areas grown with either coniferous and deciduous trees or brush.

The planimetric detail has been shown with the conventional topographic symbols, and descriptive notes calling attention to any deviation therefrom have been shown either on the Map Drawing or on the accompanying overlay sheet.

The classification of all roads has been shown by notes on the Map Drawing, and is in accordance with the data furnished by the Field Inspection Party. N.B. Refer to "Road Classification for Maps of all Scales". Issued January 12, 1942 by The Engineer Reproduction Plant, Army War College; Washington, D. C.

All roads, are to be considered 6.0 meters wide, unless otherwise indicated by notes on the Map Drawing.

It was necessary in some areas to determine the location of drainage by stereoscopy.

The scales of the Map Drawing and of the photographs were in good agreement, and it was not necessary to use the vertical projector for detailing.

A note enumerating the abbreviations used has been shown in the lower right hand corner of the Map Drawing.

A few houses, fences, streams, and roads, the images of which were not clearly visible on any of the office photographs because of dense vegetation, were detailed directly from the field inspection photographs upon which their approximate locations had been sketched by the Field Inspection Sub-Party. Notes have been made on the overlay sheet or the Map Drawing calling attention to such detail.

#1 Shoreline corrected to agree with changes as noted  
by hydrographic party on field photo No. 7057.  
Area of change indicated by "#1" in yellow ink on field photo.

Shoreline shown in red on the manuscript  
has been revised to agree with changes  
noted on field photograph No 7057  
by the hydrographic party in 1944.

K.N. Maki ~~1944~~



30 MEAN HIGH-WATER LINE:

The Mean High-Water Line has been detailed in accordance with the data furnished by the Field Inspection Sub-Party, and has been shown by a full heavy-weight black acid ink line, the center of which is believed to be the true position. In some areas, dense vegetation and relief made it extremely difficult to ascertain the true position of the Mean High-Water Line. In such areas, a dashed heavy-weight black acid ink line has been used to indicate the approximate position of the Mean High-Water Line.

*See note on opposite page.*

Where marsh areas border the Mean High-Water Line, they have been shown with the conventional symbol. The outer limits of these marsh areas are not to be considered the Mean High-Water Line. They only serve to indicate the limits of low wet land as visible on the photographs.

*See also the survey report.*

31 LOW-WATER AND SHOAL LINES:

The outer approximate limits of shoal areas have been shown with a dashed light-weight black acid ink line, and are in accordance with the field inspection data. The descriptive note "Approximate limits of shoal" has been shown on the overlay sheet.

The above mentioned approximate limits are for use of the hydrographic party only, and should not be considered as the position of the low-water line. Grass-in-Water areas which were visible on the photographs, have been shown on the Map Drawing with the conventional symbol.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Offshore rocks were detailed in accordance with the furnished field inspection data. They have been shown on the Map Drawing with the conventional symbol. The extent to which such rocks bare at Mean High-Water has been shown by notes on the overlay sheet. Numerous rocks situated in the interior ponds were not indicated by the Field Inspection Sub-Party. The detail of such rocks is accompanied by descriptive notes lettered on the Map Drawing.

33 WHARVES AND SHORE LINE STRUCTURES:

All wharves, retaining walls, etc., as indicated by the Field Inspection Sub-Party, have been shown on the Map Drawing and are accompanied by descriptive notes shown on the overlay sheet.



34 LANDMARKS AND AIDS TO NAVIGATION:

CHART LETTER  
# 191 - 1944

The landmark listed below has been recommended by the Field Inspection Sub-Party to be charted. The position of the landmark has been determined by radial intersection and is shown on the Map Drawing with a  $2\frac{1}{2}$ mm. black acid ink circle. Form No. 567 has been submitted.

No. 1858 - STACK ON WEST SIDE OF FACTORY

There are no fixed aids to navigation in the area of this Survey.

35 HYDROGRAPHIC CONTROL:

H-6964 (1944), Medomak R. area

The positions of nine (9) Recoverable Topographic Stations and thirty-nine (39) Temporary Hydrographic Stations have been determined by radial intersection, and shown on the Map Drawing with  $2\frac{1}{2}$ mm. black acid ink circles.

The names, descriptions and numbers of the Recoverable Topographic Stations accompanied by the note "Recoverable Topographic Station", and the numbers and descriptions of the Temporary Hydrographic Stations have been lettered either on the overlay sheet or on the Map Drawing.

Form No. 524 has been submitted for the following nine (9) Recoverable Topographic Stations:

- Stack on West side of Factory, No. 1858 (Landmark)
- B. M. 108 (U.S.G.S)
- B. M. "MEDOMAK RIVER" USC EGS & SS
- B. M. T-17 (Reset 1937)
- B. M. "WINSLOW HILL"
- B. M. R-17
- B. M. S-17
- B. M. 120 (U.S.G.S.)
- B. M. U-17

37 GEOGRAPHIC NAMES:

An investigation of geographic names made by Lieut. Comdr. Henry O. Fortin in 1943 covered the uncharted area of Map Drawing, Survey No. T-5996. The names appearing in the uncharted areas of the Map Drawing are in accordance with the data obtained from the investigation. The names shown on the Map Drawing in the charted area have been taken from available charts.

The geographic names covering the area of the Map Drawing have been compiled in two lists (disputed and undisputed) and submitted herein.



38 JUNCTIONS:

On the south and east, the junction of shore line and interior planimetry with Map Drawings, Surveys Nos. T-5997 and T-5624 is in agreement with the exception of the areas outlined in red acid ink on Map Drawing, Survey No. T-5996. It is recommended that the necessary corrections be made as indicated on Map Drawing, Survey No. T-5996.

*Corrections made  
3-1-46 B*

There is no contemporary survey to the north of Map Drawing, Survey No. T-5996.

The compilation of Map Drawing, Survey No. T-5995, which is to the west, has not been started. The junction will be made at a later date and will be discussed in the descriptive report for Map Drawing, Survey No. T-5995.

*This number (and 18 others) have been abandoned, and will probably be re-assigned to a new project.*

39 RECOMMENDATIONS FOR FUTURE SURVEYS:

*TS 11 May, 1948*

The planimetry shown on the Map Drawing is believed to be complete in all details of importance, except in the northwest portion, which is outlined in green ink. The position of planimetric detail in this portion of the Map Drawing is believed to be relatively weak because of insufficient photography.

It is believed that the probable error in the positions of radial points and well-defined objects along the shore line, and the positions of inland radial points and details of importance, does not exceed 1.0mm., with the exception of the area mentioned in the previous paragraph.

40 BRIDGES OF NAVIGATIONAL IMPORTANCE:

A bridge of navigational importance crossing the Medomak River at Waldoboro, has been shown on the Map Drawing, and is accompanied by notes lettered on the overlay sheet, which pertain to the vertical and horizontal clearances of the structure.

41 TELEPHONE LINES:

A telephone line running approximately in the same direction as the Maine Central Railroad has been detailed in accordance with the field inspection data, and shown with the conventional symbol.



42 STREET AND SCHOOL NAMES:

The street names shown on this Map Drawing are in accordance with the field inspection data. The names have been compiled in a list and submitted herein.

A list of school names has also been compiled and submitted herein, and is in accordance with the field inspection data.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Waldoboro Quadrangle (15') Maine, printed August 1915, reprinted 1940, scale 1:62,500.

Because of the large difference in scale between the Map Drawing and the above mentioned Quadrangle, comparison of small planimetric detail could not be readily made. The following differences, however, were apparent:

Numerous roads and cemeteries as shown on the Map Drawing do not appear on the Quadrangle. A telephone line, running approximately in the same direction as the Maine Central Railroad, as shown on the Map Drawing, does not appear on the Quadrangle.

The extensive swamp area in the vicinity of West Waldoboro appears on the Quadrangle, but is not visible on any of the photographs.

The schools listed below appear on the Quadrangle. They have not been shown on the Map Drawing because their locations were not indicated on the field inspection photographs by the Field Inspection Sub-Party:

BRYANT SCHOOL

DUCKPUDDLE SCHOOL

WALTZ SCHOOL (Listed as abandoned by the Field Inspection Sub-Party.)

SCHOOL AT APPROXIMATELY LATITUDE  $44^{\circ} 06'$  and LONGITUDE  $69^{\circ} 23'$

SCHOOL AT APPROXIMATELY LATITUDE  $44^{\circ} 4' 45''$  and LONGITUDE  $69^{\circ} 24'$

The following note pertaining to the schools in the vicinity of Waldoboro was furnished with the field inspection data: "Several small schools in the vicinity of Waldoboro have been abandoned and the children transported by bus to a central school at Waldoboro."

45 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 1203, published June 1936, scale 1:80,000, reissued April 1938, corrected to March 23, 1943.

Chart No. 313, published July, 1933, reissued August 1938, corrected to April 12, 1942, scale 1:40,000.



45 COMPARISON WITH NAUTICAL CHARTS: (cont'd)

Chart No. 1204, published March 1942, corrected to April 12, 1942, scale 1:80,000.

Because of large differences in scales between this Map Drawing and the afore mentioned charts, comparison of small planimetric detail could not be readily made. However, planimetry common to both is in fair agreement, with the exception of numerous houses, which do not appear on the Charts, but are shown on the Map Drawing. Numerous roads and a telephone line as shown on the Map Drawing, do not appear on Chart No. 1203.

Respectfully submitted:  
March 3, 1944

Carlyn Goldenberg  
Carlyn Goldenberg  
Photogrammetric Aid

Compilation and Descriptive  
Report Reviewed by:

Michael G. Misulia  
Michael G. Misulia  
Junior Topographic Engineer

Supervised by:

Walter E. Schmidt  
Walter E. Schmidt  
Asst. Photogrammetric Eng.

Approved & Forwarded:  
March 7, 1944

Fred. L. Peacock  
Fred. L. Peacock  
Chief, Air Photographic Party No. 2

Descriptions of Stations indicated by red numbers on manuscript.

- 1032 15' birch tree with several trunks. (S.S.)
- 1043 W. gable of shingled mill on N. side of east end of bridge.
- 1856 S.W. corner of retaining wall on E. side of river (S.S.)
- 1857 S.E. side of stone wall on W. side of river.
- 1858 Stack on W. side of factory (100 ft.) (Landmark) *fm. 587*  
*ch. Lab. No 191, 1944*
- 1859 N.E. gable of dark red house with white trim. (T.S.)
- 1860 E. hump of ledge on small point. (S.S.)
- 1861 Top center of pointed 4' boulder on point below base bank. (S.S.)
- 1976 Highest part of offshore ledge in bight. (S.S.)
- 1977 Highest part of offshore ledge in bight. (S.S.)
- 1979 Tip of brush on ledge on rounding point. (S.S.)
- 1980 Long. 7' boulder N. of a group of birches on point. (S.S.)
- 1981 W. gable of boat shed "The Knoll". (T.S.)
- 1982 30' dec. tree on east side of grass point to the south is a hayfield. (S.S.)
- 1983 Most southerly of these spruce trees. Another group of 3 are to the N. (S.S.)
- 1984 Most southerly small dead birch on grassy pt. on E. side of entrance to bight. (S.S.)
- 1985 N. tip of low patch of brush S. of a dead spruce on rounding point.
- 2009 Top center of large whale back ledge with grass off point. (S.S.)
- 2010 E. gable of light gray house with one chimney, most easterly house in a group of buildings. (T.S.)
- 2011 N. tip of brush on E. side of break in tree line. (S.S.)
- 2012 8' gray boulder on point. (S.S.)
- 2013 10' bushy pine on W. side of grassy cove. (S.S.)
- 2014 Birches in W. end of crevice of large ledge pt.
- 2015 Tip of grass on E. side of entrance to small stream. (S.S.)

- 2016 Tip of grass between two ledges. The grass is V-shaped. (S.S.)
- 2017 Tip of grass on ledge on N. side of point.
- 2018 Grassline on top of ledge N. of loose white boulder. (S.S.)
- 2050 Small 10' spruce on sloping ledge point.
- 2051 S. tip of dark green bushes S.E. of 6' bushes.
- 2052 Tip of grass on brown ledge W. of small rocks on grass line.
- 2053 Tip of grass on small point W. of opening in line of trees.
- 2054 N. end of line of brush running parallel to shore.
- 2055 3' rock E. of rock pile.
- 2056 Tall, thin 45' spruce tree at head of cove.
- 2057 Tip of grass on point 6 m. E. of ledge
- 2058 Bushy 10' pine on N.E. side of point.
- 2059 N.E. tip of brush S.W. of small clump of birches on rounding pt.
- 2060 High 60' forked pine on rounding point N. of bight.
- 2061 N. tip of ledge (whale back) at H.W.L. (same as No. 1031).
- 2062 N. tip of rocky pt. at H.W.L. 12 m. N. of pine on pt. 1½' round  
gray 3 m. directly inshore.



# LIST OF GEOGRAPHIC NAMES

## Undisputed

- ✓✓ Back Meadow Brook
- ✓✓ Beaver Dam Brook
- ✓✓ Benner Hill

✓✓ Cordwood Hill

- ✓✓ Deep Cove
- ✓✓ Duckpuddle Pond

✓✓ East Neck

~~Glendon Station (gone)~~ (not in latest Ry. Guide)

- ✓✓ Glendon
- ✓✓ Harrington Corner

- ✓✓ Kalers Corner
- ✓✓ Kalers Pond

- ✓✓ Medomak River
- ✓✓ Meetinghouse Cove
- ✓✓ Muscongus Bay

• Damariscotta Lake

- ✓✓ Nobleboro
- Nobleboro Station (now gone)

✓✓ Oyster Creek

- ✓✓ Pemaquid Pond
- ✓✓ Procks Ledge

✓✓ Sprague Corner

- ✓✓ Waldoboro
- ✓✓ West Waldoboro
- ✓✓ West Neck
- ✓✓ Winslow Hill
- ✓✓ Winslows Mills

• State Nos. 32, 220

• U.S. No. 1

✓✓ Maine Central R.R.

Nobleboro is a station stop in Ry. Gde.

Names preceded by • are approved.

L. Hech  
7/15/46



LIST OF GEOGRAPHIC NAMES

Disputed

✓ Hoffse Point

Hoffses Point

✓ Woltz Point

Waltz Point

✓ Eugley Corner

(apply as on  
old U.S.S. ground)

✓ West Waldoboro = see other list

Names underlined in red approved

by L. Heck on 7/15/46

LIST OF STREET NAMES

Acton Road  
✓ Bremen Road — No. 32  
Bulfinch Avenue  
Church Street  
Damariscotta Road  
Friendship Street  
Glidden Street  
✓ Jefferson Street  
Mill Street  
Pleasant Street  
✓ Sandy Avenue  
School Street

LIST OF SCHOOLS

Bryant School (See Paragraph No. 44)

Duckpuddle School (See Paragraph No. 44)

Emerson School (Abandoned)

Waltz School (See Paragraph No. 44)



Review Report for T-5996

Project CS-272 C

*March 1946*

28. Detailing

All data previously shown on the overlay sheet and necessary to the final drafting and editing of this map have been printed on the manuscript in red ink, except the descriptions of forty (40) stations. (Recoverable Topographic Stations and Temporary Hydrographic Stations). These descriptions have been typed on a list and are attached to this report. The station numbers have been shown on the manuscript for identification.

30. Mean High Water Line

Further corrections to the Mean High Water Line, in addition to those mentioned on the reverse side of Page 6 in the Descriptive Report, were made from the same source material.

38. Junctions

The compilation of Map Drawing T-5995 which is to the west of this survey has not been started as of the date of this report. A junction between these sheets will be made when sheet T-5995 has been compiled.

*revision abandoned*

Recommendations made in the Descriptive Report for T-5996 for corrections to the sheets adjoining this one to the east and south have been ~~covered~~ <sup>completed</sup> through during this review. These corrections were drawn overedge on this manuscript and have been applied to the adjacent sheets accomplishing satisfactory junctions. The overedge compilation has been deleted from this manuscript.

44. Comparison With Existing Topographic Quadrangles

U.S.E. - Waldoboro Quadrangle (15') Maine, scale 1:62,500  
1941

U.S.G.S. - Waldoboro Quadrangle (15') Maine, scale 1:62,500  
Edition - August 1915, Reprint 1940.

The planimetry of both these quadrangles is superseded by this survey in all common areas.

45. Comparison With Nautical Charts

This map has not been applied to charts. U.S.C.&G.S. charts numbers 313, 1203, and 1204 have been compared with this survey with results as noted on page 11 of the Descriptive Report.

*S. V. Griffith*  
Inspected by:  
S. V. Griffith  
Review Section  
6 March 1946

*Harold R. Brooks*  
Reviewed by:  
Harold R. Brooks  
Photogrammetrist  
5 March 1946



Approved by:

*B. J. Jones 3/49*

Technical Assistant to the  
Chief, Div. of Photogrammetry

*H. C. Edmonson*  
Chief, Nautical Chart Br.  
Chart Division

*K. T. Adams*

Chief, Div. of Photogrammetry

*W. M. Scaife*  
Chief, Division of Coastal  
Surveys