U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: SHORELINE

FIELD NO. Ph-51 (49)
OFFICE NO. T-5979

LOCALITY

STATE: MAINE

General locality: KENNEBEC RIVER

Locality: FROM TWO MILES NORTH OF RICHMOND

TO ONE AND A HALF MILES NORTH OF GARDINER

1949

CHIEF OF PARTY
E.R. McCarthy, Chief of Field Party
H.A. Paton, Baltimore Photogrammetric Office

LIBRARY & ARCHIVES

DATE: June 16, 1949
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>LONGITUDE OR X-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
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<tbody>
<tr>
<td>MESERVE, 1868</td>
<td>6793</td>
<td>44 08</td>
<td>44 193</td>
<td>1364.0 (487.9)</td>
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<td>TELEGRAPH HILL, 1868</td>
<td>278</td>
<td>44 10</td>
<td>27 530</td>
<td>849.7 (1002.2)</td>
<td>960.5 (372.4)</td>
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<td>HACAR, 1868</td>
<td>278</td>
<td>44 08</td>
<td>09 015</td>
<td>278.2 (1573.7)</td>
<td>156.4 (1177.3)</td>
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<td>WOODWARD, 1868</td>
<td>278</td>
<td>44 08</td>
<td>18 478</td>
<td>570.3 (1281.6)</td>
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<td>ADKINS BARN, SO. GABLE, 1868</td>
<td>6793.5</td>
<td>44 11</td>
<td>20 72</td>
<td>639.5 (1212.4)</td>
<td>1063.1 (269.4)</td>
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<td>NITE, 1937(USE)</td>
<td>Plane Coord. pg121</td>
<td>474 584 31</td>
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<td>1397.3 (126.7)</td>
<td>689.2 (83.4)</td>
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<td>BEACON, 1937(USE)</td>
<td>P.120</td>
<td>484 245 21</td>
<td></td>
<td>1293.9 (230.1)</td>
<td>250.4 (1273.6)</td>
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<td>POOR, 1937</td>
<td>P.136</td>
<td>495 000 38</td>
<td></td>
<td>0.1 (1523.9)</td>
<td>1137.6 (386.4)</td>
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<td>**FRANK, 1937(USE)</td>
<td>P.136</td>
<td>492 310 46</td>
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<td>704.2 (819.8)</td>
<td>1203.1 (320.9)</td>
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<td>**L-37, 1937(USE)</td>
<td>P.120</td>
<td>485 052 92</td>
<td></td>
<td>16.1 (1507.9)</td>
<td>7.3 (1516.7)</td>
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<td>**NICE, 1937(USE)</td>
<td>P.136</td>
<td>494 119 67</td>
<td></td>
<td>1255.7 (268.3)</td>
<td>1175.8 (348.2)</td>
</tr>
</tbody>
</table>

* Position held with other control in multiplex extension.

** Position not verified by multiplex. Point not identified.
DATA RECORD

T = 5978
T = 5979

Project No. (II): Ph-51(49)

Quadrange Name (IV):

Field Office (II): Washington, N. C.
Photogrammetric Office (III): Baltimore, Md.

Instructions dated (II) (III):
7 July 1949
6 Dec. 1949

Chief of Party: E. R. McCarthy
Officer-in-Charge: Hubert A. Paton
Copy filed in Division of Photogrammetry (IV)
Office Files

Method of Compilation (III): Multiplex plotting instrument

Manuscript Scale (III): 1:10,000
Stereoscopic Plotting Instrument Scale (III): 1:10,000

Scale Factor (III): 1.000

Date received in Washington Office (IV): 4-11-50
Date reported to Nautical Chart Branch (IV): 4.12-50

Applied to Chart No.

Date:

Date registered (IV): 12-29-52

Publication Scale (IV): __________
Publication date (IV): __________

Geographic Datum (III): N.A. 1927
Vertical Datum (III): M.H.W.
Mean sea level except as follows:
Elevations shown as (SL) refer to mean high water
Elevations shown as (L) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): LAFHAM, 1868

Lat.: 44° 12' 21.064"
Long.: 69° 45' 28.057"

Adjusted

Plane Coordinates (IV):
State: Maine
Zone: West

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.
Areas contoured by various personnel
(Show name within area)
(ii) (iii)
DATA RECORD

Field Inspection by (II):  James A. Clear
                        Harry R. Moore
                        Stanley D. Aiken
                        Robert A. Horn
                        Date: 8/29/49
                        9/14/49

Planetable contouring by (II):  

Completion Surveys by (II):  

Mean High Water Location (III) (State date and method of location):
                        5/10/49 (date of photography)

Projection and Grids ruled by (IV):  T.L.J.
                        Date: 12/2/49

Projection and Grids checked by (IV):  T.L.J.
                        Date: 12/2/49

Control plotted by (III):  D.M. Brant
                        Date: 1-50

Control checked by (III):  A.K. Heywood T-5978
                        H.P. Eichert T-5979
                        Date: 1-50

Stereoscopic or Stereoscopic
Control extension by (III):  D.M. Brant
                        Date: 1-50

Stereoscopic Instrument compilation (III):
                        Date:
                        Planimetry  D.M. Brant
                        Date: 1-50

Manuscript delineated by (III):  D.M. Brant
                        Date: 3-50

Photogrammetric Office Review by (III):  A.K. Heywood
                        Date: 3-50
                        4-50

Elevations on Manuscript
checked by (II) (III):  

---

Form T-Page 4
USC&GS Type 0, 6" focal length

Camera (kind or source) (III):

PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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</thead>
<tbody>
<tr>
<td>49-0-715 to 719</td>
<td>5/10/49</td>
<td>1455-57</td>
<td>1:24,000</td>
<td>4.2' above MLW</td>
</tr>
<tr>
<td>49-0-720 to 722</td>
<td>5/10/49</td>
<td>1458-59</td>
<td>1:24,000</td>
<td>2.5' above MLW</td>
</tr>
</tbody>
</table>

Tide (III)
(from predicted tables)

| Reference Station: | Portland, Me. |
| Subordinate Station: | Richmond, Me. |
| Subordinate Station: | Gardiner, Me. |

Ratio of Mean Spring Range:

<table>
<thead>
<tr>
<th>Ratio of Mean Spring Range</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>8.9</td>
</tr>
<tr>
<td>0.6</td>
<td>5.3</td>
</tr>
<tr>
<td>0.6</td>
<td>5.0</td>
</tr>
</tbody>
</table>

Final Drafting by (IV): L. E. Hunter (5978)
E. Hunter (5979)

Drafting verified for reproduction by (IV): M. C. Webber (5978)

Proof Edit by (IV): [Signature]

Date: June 11, 1952

Land Area (Sq. Statute Miles) (III): 8.9
Shoreline (More than 200 meters to opposite shore) (III): 2.4
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 31
Number of BMs searched for (II): 3
Number of Recoverable Photo Stations established (III): 5
Number of Temporary Photo Hydro Stations established (III): None

Remarks:
Summary to Accompany T-5978 and T-5979

Shoreline maps T-5978 and T-5979 are two of six similar maps in project Ph-51(49) and are the two centrally located maps in the project. Project Ph-51(49) extends along the Kennebec River, Maine, from a junction with project CS-272 at latitude 44° 00' upstream to a point approximately two miles north of Augusta at latitude 44° 23'. This is a multiplex project, in advance of hydrographic surveys to be made at a later date. The field operations preceding compilation included recovery and identification of horizontal control, shoreline inspection, inshore inspection, location of aids to navigation, selection and location of landmarks and geographic names investigation. The multiplex compilation was at a scale of 1:10,000 and the manuscripts were used as multiplex sheets.

Data pertaining to T-5978 and T-5979 will be filed as follows:

(a)Filed in the Division of Photogrammetry

1. Two map manuscripts, T-5978 and T-5979, scale 1:10,000

2. Form 524 (6)

(b) Filed in the Coast and Geodetic Survey Archives

1. Combined descriptive Report for T-5978 and T-5979

2. A cloth-backed lithographic print of T-5978 and T-5979.
FIELD INSPECTION REPORT
SHORELINE SHEETS 5978, 5979
PROJECT Ph-51(49)

E. R. McCarthy, Chief of Party

All phases of the field work were done in accordance with The Director's Instruction, Project Ph-51(49), Field dated 7 July 1949.

The field work on these sheets was performed by the following personnel on the dates indicated:

<table>
<thead>
<tr>
<th>Name &amp; Title</th>
<th>Field Work</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert A. Horn</td>
<td>Recovery, Identification</td>
<td>8/29/49</td>
</tr>
<tr>
<td>Cartographic Engr.</td>
<td>Shoreline &amp; Inspection</td>
<td>9/14/49</td>
</tr>
<tr>
<td>James A. Clear Jr.</td>
<td>Shoreline &amp; Inspection</td>
<td>8/29/49</td>
</tr>
<tr>
<td>Cartographic Survey</td>
<td></td>
<td>9/14/49</td>
</tr>
<tr>
<td>Aid</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Description of the Area

The area surveyed includes the Kennebec River from the "Bluff" on the south, to "Brown's Island" on the north and the land area immediately adjacent. This particular area is located in the counties of Sagadahoc, Lincoln and Kennebec.

The principal cultural features within the limits of the survey includes the towns of Gardiner, Randolph and South Gardiner Maine. The principal occupation of the inhabitants of the area is farming. There is however, some manufacturing conducted in the vicinity of Gardiner.

Access to the area is available by highway, the Maine Central Railroad and Private Yachts.

2. Completeness of Field Inspection

It is felt that field inspection has been adequately covered on the photographs.
3. Interpretation of the Photographs

See Report on Shoreline Sheets (5976 & 5977).

4. Horizontal Control

The horizontal control within the limits of the sheets consisted of that established by the U. S. Coast & Geodetic Survey, U. S. Engineer Department and U. S. Geological Survey.

A thorough search was made for all U. S. Coast & Geodetic Survey stations and approximately 57 percent recovered. A total of seven (7) U. S. C. & G. S., four (4) U. S. E. D. and one (1) U. S. G. S. triangulation stations were recovered and identified on photographs for photogrammetric control purposes.

Sheet 5979

U.S.C.&G.S.

LAPHAM - 1868........................................Sub. Station
DUMFRY - 1868........................................Sub. Station
ADKINS BARN, SOUTH GABLE- 1868............Pricked Direct
GARDINER METHODIST SPIRE - 1868............Pricked Direct
GARDINER EPISCOPAL SPIRE - 1868............Pricked Direct

U.S.E.

BOOBY - 1937 (U.S.E.)............................Pricked Direct
FORM - 1937 (U.S.E.).............................Pricked Direct

U.S.G.S.

T.T.81 H 0 - 1940 (U.S.G.S.).................Pricked Direct

Sheet 5978

U.S.C.&G.S.

TELEGRAPH HILL - 1868................................Sub. Station
MISSERVE - 1868................................Sub. Station

U.S.E.

BEACON - 1937(U.S.E.)..........................Pricked Direct
NITE - 1937(U.S.E.)..............................Pricked Direct
Horizontal Control (Cont'd)

To facilitate a "tie" between the U. S. Engineers scheme of triangulation and that of the U. S. Coast & Geodetic Survey in the area, observations for a point and azimuth connection were made. This information will be submitted to the Division of Geodesy for any adjustments necessary.

5. Vertical Control

Three (3) Tidal Bench Marks, Maine-68 (U. S. Coast and Geodetic Survey), located in the town of Gardiner Maine, were recovered and identified according to Project Instructions.

6. Contours and Drainage

Not applicable.

7. Mean High Water Line

See Report on Shoreline Sheets (5976 & 5977).

8. Low Water Line

See Report on Shoreline Sheets (5976 & 5977).

9. Wharves and Shoreline Structures

See Report on Shoreline Sheets (5976 & 5977).

10. Details Off-Shore from Mean High Water Line

Off-Shore detail discernible on the photographs has been labeled appropriately. In some areas, due to the number and extent of obstructions, the limits of an entire area are shown and marked as being foul. Two, Three-Point Fixes were taken on boulders and the information submitted.

11. Landmarks and Aids to Navigation

There were no landmarks or fixed aids to navigation within the limits of these sheets. Three new landmarks were established and forms 524 and 567 were submitted.

The Maine Central Railroad is very close and generally parallel to the river. Railroad semaphores were identified on the photographs and may serve as secondary landmarks.
12. **Hydrographic Control**
   
   Not applicable.

13. **Landing Fields and Aeronautical Aids**

   There are no landing fields or aeronautical aids in this area.

14. **Roads**

   The roads and trails were classified in accordance with Photogrammetry Instructions No. 10, dated 14 April 1947, and the Amendment to the above dated 24 October 1947.

15. **Bridges**

   All bridge information for the area covered by this report as listed in the U. S. Engineer's "List of Bridges over Navigable Waters in the U. S." dated July 1, 1941 was verified in the field; all clearances were carefully measured with a steel tape, and the published descriptions and clearances were found to be correct. In addition supplementary information is noted on the photographs relative to the clearances of secondary bridges not listed in the bridge book.

16. **Buildings & Structures**

   See Report on Shoreline Sheets (5976 & 5977).

17. **Boundary Monuments and Lines**

   There were no boundary monuments or lines investigated within the limits of the sheets.

18. **Geographic Names**

   In accordance with the Project Instructions, a systematic investigation of Geographic Names was not made, however names that were questionable have been investigated. See 47-48.
Geographic Names (Cont'd)

Attention is called to the names of "Poll Lews" and "Gould Brooks" as given on Chart No. 289. Local information revealed that said names are no longer used. They are now known merely as "The Brook". Refer to attached list of approved names. (Item 481)

Submitted: 9/14/49
Date

James A. Clear Jr.
Cartographic Survey Aid

R. A. Horn
Cartographic Engr.
PHOTOGRAMMETRIC PLOT REPORT

21. AREA COVERED
T-5978 and T-5979.

22. METHOD
General methods were identical with those used for T-5976 and T-5977.

Two strips were set, one each for T-5978 and T-5979, as follows:

A five-model strip (49-0-717 to 722) was run from SUB.PT. LAPHAM, 1868, SUB. PT. DUMFRY, 1868, and TT81-HO,1940(USGS) in model 717-718 to SUB. PT. MESERVE, 1868, in model 721-722. Intermediate stations were SUB. PT. TELEGRAPH HILL, 1868, and ADKINS BARN, SOUTH CABLE, 1868. All stations were held. USE stations BOOBY, 1937, BEACON, 1937, and NITE, 1937 also held in this strip, the latter two being in the end model with MESERVE, south of TELEGRAPH HILL.

To complete the detailing in T-5979 a short three-model strip was set. Model 717-718 was reset and extended to 49-0-715. This strip ended on two control points, SUB. PT. WORK, 1937 (USE) and FORM' 1937 (USE). The center model contained two control points, GARDINERS METH. SPIRE, 1868, and GARDINERS EPISCOPAL SPIRE, 1868. All control was held.

23. ADEQUACY OF CONTROL
Horizontal control as provided by the field inspection party complied adequately with the project instructions.

24. SUPPLEMENTAL DATA
Inapplicable.

25. PHOTOGRAPHY
See Photogrammetric Plot Report for T-5976 and T-5977.

26. RECOMMENDATIONS
See Photogrammetric Plot Report for T-5976 and T-5977.

27. ACCURACY
It is believed that all well-defined points are within 0.5mm of their correct geographic position.

Approved and forwarded

Respectfully submitted
15 March 1950

Hubert A. Paton
Comdr., USCGOS
Officer in Charge

Henry P. Eichert
Cartographer (Photo.)
HORIZONTAL CONTROL STATIONS
PROJECT PH-51(49)
KENNEBEC RIVER, MAINE

△ Triangulation Station (Recovered, not identified)
△ Triangulation Station (Identified and held)
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR y-COORDINATE</th>
<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
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<td>IRON HILL,</td>
<td>G-6793</td>
<td>44.12</td>
<td>45.391</td>
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<td>1868</td>
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<td>69.47</td>
<td>07.251</td>
<td>163.2 (1168.8)</td>
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<td>PITTSBURG SPIRE,</td>
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<td>1868</td>
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<td>56.192</td>
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<td>GABLE, 1868</td>
<td>PG.285</td>
<td>69.45</td>
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<td>LAFAYETTE, 1868</td>
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<td>DUMFRIES, 1868</td>
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<td>28.057</td>
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<td>GARDINERS METH.</td>
<td>P.279</td>
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<td>P.280</td>
<td>69.46</td>
<td>31.935</td>
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<td>GARDINERS</td>
<td>P.280</td>
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<td>EPISCOPAL SP, 1868</td>
<td>P.280</td>
<td>69.46</td>
<td>30.377</td>
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<td>TT S'1-NO, 1940</td>
<td>USGS GARDINER P.6</td>
<td>44.12</td>
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<td>(USGS)</td>
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<td>69.45</td>
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<td>614.821.25</td>
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<td>496.743.40</td>
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<td>497,399.25</td>
<td>606,456.39</td>
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<td></td>
</tr>
</tbody>
</table>

Note: This station is destroyed as a triangulation station but can be used for photo-control purposes. Additional info see 1927 Survey Note.

Plots on sheet T-5978

1 FT = 3048000 METER

COMPUTED BY: Henry P. Hochart

DATE: 1-50

CHECKED BY: D.M. Brant

DATE: 1-50
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR v-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927-DATUM</th>
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<tr>
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<td>498,489.74</td>
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<td></td>
<td></td>
<td>605,890.28</td>
<td>271.4 (1252.6)</td>
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</tr>
<tr>
<td>25, 1934(MGS)</td>
<td>CWA P.6</td>
<td>516,822.70</td>
<td>555.6 (568.4)</td>
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<td></td>
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<td>603,301.30</td>
<td>1006.2 (517.8)</td>
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</tr>
<tr>
<td>27, 1934(MGS)</td>
<td></td>
<td>508,381.36</td>
<td>1030.6 (493.4)</td>
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<td>602,556.56</td>
<td>779.2 (744.8)</td>
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</tr>
<tr>
<td>28, 1934(MGS)</td>
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<td>507,951.71</td>
<td>899.7 (624.3)</td>
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<td></td>
<td></td>
<td>602,430.61</td>
<td>740.9 (783.1)</td>
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</tbody>
</table>
COMPILATION REPORT

Ph-51(42)

T-5978 and T-5979

31. DELINEATION ) Refer to Photogrammetric plot report.
    )

32. CONTROL )

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Drainage adjacent to shoreline was shown.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate. All low-water lines shown are approximate. They are based on data furnished by the field inspection party.

36. OFFSHORE DETAILS

Offshore details are believed to be complete.

37. LANDMARKS AND AIDS

Forms 567 were submitted for manuscripts T-5978 and T-5979 and forwarded to the Washington Office with this report. Copies attached.
38. CONTROL FOR FUTURE SURVEYS

Three USE triangulation stations are below Telegraph Hill, 1868; two of these stations were identified and held with the other control. These stations have been reported as recoverable topographic stations in accordance with instructions dated 6 December 1949 for Project Ph-51 (49), paragraph 6 and their geographic positions noted on Forms 524.

Five recoverable topographic stations are within the limits of T-5978 and T-5979.

Five Forms 524 are being forwarded with this report. The positions for all the recoverable topographic stations, except Beacon, 1937 and Nite 1937 were determined by stereoscopic methods. They are:

- T-5978 Beacon, 1937 (USE)
- T-5977 Nite, 1937 (USE)
- T-5979 White Stack, 1949
- T-5978 Gable, South, 1949
- T-5977 Red Stack, 1949
- L-87, 1937 (USE)

39. JUNCTIONS

Junction was made between T-5979 and T-5980 to the north, and between T-5978 and T-5977 to the south. A junction was also made between the two manuscripts covered in this report. There are no contemporary surveys to the east or west.

40. HORIZONTAL AND VERTICAL ACCURACY

Horizontal Control

Refer to Photogrammetric Plot Report item 23.

46. COMPARISON WITH EXISTING MAPS

Comparison was made between the manuscript and U. S. Geological Survey quadrangle Gardiner, scale 1:62,500, edition of 1943, reprinted in 1947, and Wiscasset, scale 1:62,500, edition of 1944, reprinted in 1949. All roads within two miles of the river were visually compared with the Geological Survey quadrangles for new construction and alignment. They were in good agreement, except for the reconstructions of Route 27, approximately 2.2 miles south of Randolph. This has been shown from information furnished by the field inspection party on photograph 49-C-719.

47. COMPARISON WITH NAUTICAL CHARTS

Visual comparison was made between the manuscripts, and Chart 283, scale 1:15,000, published May 1943 (3rd edition), corrected 26 September 1949.

Items to be applied to nautical charts immediately:

Delete K.C. Railroad in the vicinity of Randolph.
Revise chart for reconstruction of Route 27.
47. **COMPARISON WITH NAUTICAL CHARTS**
   (continued)

   **Items to be carried forward:**

   None.

   Approved and forwarded
   21 April 1950
   
   *Joseph Steinberg*

   For
   Hubert A. Paton
   Comdr., USCGS
   Officer in Charge

   Respectfully submitted
   5 April 1950

   *Donald M. Brant*
   Cartographic Draftsman
PHOTOGRAHAMMETRIC OFFICE REVIEW  
T. 5978


CONTROL STATIONS

ALONGSHORE AREAS
(Nautical Chart Data)

PHYSICAL FEATURES

CULTURAL FEATURES

BOUNDARIES
31. Boundary lines 32. Public land lines

MISCELLANEOUS
33. Geographic names 34. Junctions 35. Legibility of the manuscript 36. Discrepancy of the manuscript 37. Descriptive Report 38. Field inspection photographs 39. Forms

Reviewer
Supervisor, Review Section or Unit

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler
Supervisor

43. Remarks:
PHOTOGRAMMETRIC OFFICE REVIEW
T-5979


CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy DR  6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) AKH  7. Photo hydro stations ___  8. Bench marks ___

ALONGSHORE AREAS
(Nautical Chart Data)
17. Landmarks AKH  18. Other alongshore physical features AKH  19. Other alongshore cultural features AKH

PHYSICAL FEATURES
   features AKH

CULTURAL FEATURES

BOUNDARIES
31. Boundary lines ___  32. Public land lines ___

MISCELLANEOUS
33. Geographic names AKH  34. Junctions AKH  35. Legibility of the manuscript AKH  36. Discrepancy

40. AKH  
   Reviewer

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The
manuscript is now complete except as noted under item 43.

_________________________  ____________________________
Compiler  Supervisor

43. Remarks:
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED STRIKE OUT ONE

TO BE ERASED

Baltimore, Md. April 4, 1950

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by Donald M. Brant

<table>
<thead>
<tr>
<th>STATE</th>
<th>Charting Name</th>
<th>Description</th>
<th>Signal Name</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Datum</th>
<th>Method of Location and Survey</th>
<th>Date of Location</th>
<th>Chart Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maine</td>
<td>Stack</td>
<td>195 ft. high brick stack painted white at Central Maine Power Co.</td>
<td>White Stack</td>
<td>44° 14'</td>
<td>69° 46'</td>
<td>N.A.</td>
<td>Multiplex</td>
<td>1927 T-5977</td>
<td>x 289</td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. 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.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated. The positions given have been checked after listing by Donald M. Brand.

<table>
<thead>
<tr>
<th>State</th>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DATUM</th>
<th>METHOD OF LOCATION AND SURVEY NO.</th>
<th>DATE OF LOCATION</th>
<th>HARBOR CHART</th>
<th>SPANISH CHART</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maine</td>
<td>GABLE</td>
<td>SOUTH GABLE OF 1 1/2 STORY CREAM SHINGLED HOUSE WITH GREEN SHINGLES (SOUTH)</td>
<td>GABLE</td>
<td>44° 09' 1451</td>
<td>69° 45' 1332</td>
<td>N.A.</td>
<td>Multiplex</td>
<td>1927</td>
<td>T-5978</td>
<td>1949</td>
<td>289</td>
</tr>
<tr>
<td></td>
<td>ROOF</td>
<td>1949</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>STACK</td>
<td>130 ft. high red brick stack at lumber mill–So. Gardiner</td>
<td>Redstack</td>
<td>44° 10' 1730</td>
<td>69° 45' 456</td>
<td>a</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>289</td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. 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.
48. (a) GEOGRAPHIC NAME-LIST FOR T-5978

Bailey Corner
Beedle Road
Capon Road
Costello Road
Eastman Pt.
Freemans Creek
Goodwin Pt.
Indian Pt.
Marton Brook
M.C.H.R.
Me_24..
Me_27..
Nehumkeag
South Gardiner
Telegraph Hill
The Sands Island
Trotts Pt.
Upper Sands Shoals

Names approved
1-15-51
a.g.w.
48.(b). GEOGRAPHIC NAME LIST FOR T-5979

Adkins Pt.
/
Gobbossee-contee Stream
/
Farmingdale
/
Farmingdale Shoal
/
Fonsbys Brook
/
Gardiner ✓
✓
Goodwin Pt.
/
Gould Brook
/
Greens Ledge
/
Iron Hill ✓
/
Litchfield Road
/
Lyons Cove
/
M.C.R.R.
/
Me 4
/
Me 9
/
Me 24
/
Me 27
/
Me 126
/
Me 226
/
Poll Laws Brook ✓
✓
Pittston
/
Randolph ✓
✓
Rolling Dam Brook
/
Skin Cove ✓
/
Tarbox Flats ✓
✓
The Brook
/
The Brook
/
Togus Stream ✓
/
U.S. 201

Names approved
1-15-57
A.R.W.
REVIEW REPORT
Shoreline Maps T-5978 and T-5979
22 January 1951

62. Comparison with Registered Topographic Surveys

<table>
<thead>
<tr>
<th>Map</th>
<th>Scale</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-1158</td>
<td>1:10,000</td>
<td>1870-90</td>
</tr>
<tr>
<td>T-1996</td>
<td>1:10,000</td>
<td>1890-91</td>
</tr>
</tbody>
</table>

These maps are prepared by T-5978 and T-5979 for nautical charting purposes.

63. Comparison with Maps of Other Agencies

Gardiner, Maine, U.S.G.S. quadrangle, 1:62,500, 1941

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

Chart 239, 1:15,000, ed. 1943, corr. 9/26/46

A cable area on T-5978 at the extreme north edge of the sheet is not shown on the chart.

An island east of The Sands Island and several small islands north of The Sands Island shown on T-5978 are not shown on the chart.

A rock that bares 2 feet at MLW shown on T-5979 at latitude 44° 13'.37.5" and longitude 69° 46'.03" is not shown on the chart. This rock is located on the west edge of the channel and is not necessarily a hazard to navigation.

66. Adequacy of Results and Future Surveys

These maps are adequate as a base for hydrographic surveys and the construction of nautical charts. They meet the National Standards of Map Accuracy.

67. Control

Triangulation station Pittston Spire, 1868 was deleted from the map. The 1949 recovery for this station reported the spire gone.

Reviewed by:

[Signature]

K. N. Maki

Approved:

[Signature]

S. J. Griffith
Chief, Review Section 3
Div. of Photogrammetry

[Signature]

Chief, Nautical Chart Branch
Division of Charts

[Signature]

Chief, Div. of Photogrammetry

[Signature]

Chief, Div. of Coastal Surveys