**Diag. Cht. No. 1205.**

**U. S. COAST AND GEODETIC SURVEY**  
**DEPARTMENT OF COMMERCE**

**DESCRIPTIVE REPORT**

<table>
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<th>Type of Survey</th>
<th>Shoreline</th>
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<tbody>
<tr>
<td>Field No.</td>
<td>Ph-114</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-11165</td>
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**LOCALITY**

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<tr>
<td>General locality</td>
<td>Gulf of Maine</td>
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<tr>
<td>Locality</td>
<td>Ogunquit to Cape Neddick River</td>
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</table>

**19453**

**CHIEF OF PARTY**  
E.H. Kirsch, Chief of Field Party  
J.R. Rubottom, Tampa Photo, Office

**LIBRARY & ARCHIVES**

| DATE               | September 15, 1953 |
DATA RECORD

T - 11165

Project No. (II): PH-L11b Quadrangle Name (IV):

Field Office (II): Photo Party No. 1 & 2 Chief of Party: E. H. Kirsch

Photogrammetric Office (III): Tampa, Florida Officer-in-Charge: I. R. Rubottom

Instructions dated (III): 13 March 1953 Copy filed in Division of
Supplement No. 1 28 March 1953 Photogrammetry (IV)
Supplement No. 2 30 April 1953
Supplement No. 3 6 May 1953
Supplement No. 4 26 May 1953
Supplement No. 5 25 June 1953

Method of Compilation (III): Graphic

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

Scale Factor (III): None

Date received in Washington Office (IV): 9-31-55 Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 4/2/55

Publication Scale (IV):

Geographic Datum (III): N.A. 1927 Vertical Datum (III): M.H.W.

Mean sea level except as follows:
Elevations shown as (2) refer to mean high water
Elevations shown as (3) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): BALD HEAD CLIFF 152, 1911

Lat.: 23° 13' 14.81" (457.2m.) Long.: 70° 34' 37.529" (847.0 m.) Adjusted

Plane Coordinates (IV):

Y = X =

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.

Form T - Page 1
Areas contoured by various personnel
(Show name within area)
(II) (III)
DATA RECORD

Field Inspection by (II): L. F. Beugnet Date: July 1953

Planetary contouring by (II): Inapplicable Date:

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location): July 1953 Air photo compilation

Projection and Grids ruled by (IV): Austin Riley (W.O.) Date: 13 Aug. 1953

Projection and Grids checked by (IV): H. D. Wolfe (W.O.) Date: 14 Aug. 1953

Control plotted by (III): I. I. Saperstein Date: 26 Aug. 1953

Control checked by (III): R. J. Pate Date: 27 Aug. 1953

Radial Plot or Stereoscopic Date: 19 Oct. 1953

Control extension by (III): M. M. Slavney

Stereoscopic instrument compilation (III): Inapplicable Date:

Contours

Manuscript delineated by (III): R. E. Smith Date: Jan. 1955

Photogrammetric Office Review by (III): J. A. Giles Date: 3 Feb. 1955

Elevations on Manuscript Inapplicable Date:

checked by (II) (III):
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**Tide (III)**

From predicted tides

| Reference Station: | FORTLAND MAINE | Subordinate Station: | CAPE PORPOISE |

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<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
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<td>1.9</td>
<td>8.9</td>
<td>10.2</td>
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Washington Office Review by (IV): [Signature]

Date: 17 June 1955

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 2

Shoreline (More than 200 meters to opposite shore) (III): 7

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 6

Recovered: 6

Identified: 4

Number of BMs searched for (II): 0

Recovered: 0

Identified: 0

Number of Recoverable Photo Stations established (III): 0

Number of Temporary Photo Hydro Stations established (III): 21

Remarks:

Reference Item 38
Summary to Accompany
Shoreline Map T-11165

Field instructions were issued for Ph-114 on 13 March 1953 to provide shoreline and control for inshore hydrographic surveys and to provide standard shoreline manuscripts for chart compilation. The hydrographic phase of this surveying was accomplished in the summer of 1954 under supplemental instructions 29 January 1954 for project CS-355 which had operated in 1953 from Ipswich Bay, Mass. to Portsmouth Harbor, N.H., and in the upper Piscataqua River.

A CRONAR PRINT WILL BE REGISTERED FOR THE FILES.
* THE FIELD INSPECTION REPORT IS

BEING SUBMITTED AS A SEPARATE

REPORT.

* This report is filed as
  a part of 711148
The photogrammetric plot report is submitted as a separate report. Filed as a part of Report T-1144.

31. **DELINEATION.**

The graphic method was used. No difficulty was encountered in the interpretation of the photographs or in the delineation of the manuscript.

The single-lens ratio prints were of fair scale. The contact prints were of very poor scale.

The field inspection was adequate.

32. **CONTROL.**

See photogrammetric plot report.

33. **SUPPLEMENTAL DATA.**

None used.

34. **CONTOURS AND DRAINAGE.**

Inapplicable.

35. **SHORELINE AND ALONGSHORE DETAILS.**

The mean high-water line was delineated according to the field inspector's notes and photographic interpretation. The low-water line was delineated from the contact photographs, which were taken at approximate low-water. The projector was used because of the poor scale.

36. **OFFSHORE DETAILS.**

No unusual problems were encountered.
37. **LANDMARKS AND AIDS.**

All landmarks are to be reported by the hydrographic party. There are no aids to navigation. One aeronautical aid is submitted with this report.

38. **CONTROL FOR FUTURE SURVEYS.**

No permanently marked topographic stations were established.

Twenty-one (21) photo-hydro stations were established by the photogrammetric field party prior to compilation. These were reported previously. A number of photo-hydro stations were cut in by the hydrographic party on a print of the map manuscript. These additional stations have not been shown on the original map manuscript.

39. **JUNCTIONS.**

Satisfactory junctions have been made with T-11167 to the south and T-11164 to the north.

There are no contemporaneous surveys to the east and west.

40. **HORIZONTAL AND VERTICAL ACCURACY.**

No statement.

46. **COMPARISON WITH EXISTING MAPS.**

Comparison has been made with topographic quadrangle YORK BEACH, MAINE, scale 1:25,000, edition of 1944, reprinted 1949.

The two are in fair agreement. However, the area marked BALD HEAD CLIFF on the nautical chart is called BALD HEAD CLIFF on the topographic quadrangle. BALD HEAD CLIFF is believed to be correct.
47. **COMPARISON WITH EXISTING MAPS.**

Comparison has been made with USCGGS Nautical Chart No. 1205, scale 1:80,000, published June 1950 (8th edition) bearing a print date of 28 July 1952.

The two are in fair agreement.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.**

None.

**ITEMS TO BE CARRIED FORWARD.**

None.

\[\text{(Signature)}\]

Refford E. Smith, Jr.
Carto Photo Aid

**APPROVED AND FORWARDED**

\[\text{(Signature)}\]

Ira R. Rubottom, Chief of Party
GEOGRAPHIC NAME LIST.

Bald Head
Bald Head Cliff

Cape Neddick
Cape Neddick River
Coast Road

Gulf of Maine
High Pasture

Israels Head
Logust Grove Cemetery

Maine

Ogunquit
Ogunquit Country Club
Ogunquit Cliff

Passaconway Pond
Perkins Cove
Phillips Pond
Pine Hill
Pond Rocks

Staples Pond
St. Peters Church
Summit Pond

Walnut Hill

York Cliffs
York Cliffs (Community)

Names approved
6-17-55. L. Heck

* Shown as Ogunquit Country Club on York Beach, Quad.
49. **NOTES FOR THE HYDROGRAPHER.**

The information required under this paragraph has already been submitted.
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

Renford B. Smith, Jr.

Ira A. Hubottom
Chief of Party.

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<tr>
<th>STATE</th>
<th>NAME</th>
<th>DESCRIPTION</th>
<th>CHARTING NAME</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>
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<td>AKRO BEACH</td>
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<td>43 13</td>
<td>503.7</td>
<td>70 36</td>
<td>1927 TRIANG</td>
<td>1941</td>
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PHOTOGRAMMETRIC OFFICE REVIEW


CONTROL STATIONS

ALONGSHORE AREAS
(Nautical Chart Data)

PHYSICAL FEATURES

CULTURAL FEATURES

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

MISCELLANEOUS

40.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.

43. Remarks:

Compiler

Supervisor
### TIDE COMPUTATION

**PROJECT NO. Ph. 140 NT. 1145**

**Time and date of exposure**: 1964 Apr 22, 1953  
**Reference station**: PORTLAND, MAINE  
**Subordinate station**: CAPE PORPOISE  
**Mean range**: 8.7  
**Ratio of ranges**: 1.0

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**Computed by**: R.E. S  
**Checked by**: L.J.W.
# TIDE COMPUTATION

**PROJECT NO. Ph. 11A(C) T.11 L.W.**

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<th>Stage of tide above MLW</th>
<th>Photo. No.</th>
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Computation by [Signature]

Checked by [Signature]
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</table>

Computed by A.E. Smith, checked by F.Y.
Review Report
Shoreline Map T-11165
17 June 1955

61. General

Stick-up was applied to the map manuscripts in this project as a part of the compilation process, i.e., prior to review. The map manuscripts at this phase are labeled "Advance Print."

The map manuscripts were not altered during review. Any additions, alterations, or deletions recommended by the reviewer were recorded on review correction overlays to be used by the Drafting Section for application of the recommended revisions on black line impressions on vinylite. These positives serve as the final map manuscripts.

62. Comparison with Registered Surveys:

T-440 1:10,000 1853  York and Cape Neddick Harbors
T-459 1:10,000 1854  Cape Neddick and Ogunquit

Except for contours and bluff symbol, T-11165 supersedes the older surveys for charting purposes.

63. Comparison with Maps of Other Agencies:

USE York Beach, Me., 1:25,000 1949

Except for contours, T-11165 supersedes the quadrangle for charting.

64. Comparison with Contemporary Hydrographic Surveys:

H-8161 1:10,000 1954 Cape Neddick to Perkins Cove

Only the blue-print (HP 52153) of the boat sheet was available. The shoreline is that of T-11165. It was not altered during review. The northern limit of H-8161 lies just north of Perkins Cove and so does not include the whole of T-11165. Hydrography between Perkins Cove and Porpoise Harbor is being done during the current season.

65. Comparison with Nautical Charts:

1205 1:80,000 June 1950, corr. Oct. 1954
The chart indicates that Cape Nedick River is closed at low water by a building. T-11165 delineates a channel as indicated on the same photograph.

Elevations for Pond Rocks differ with the chart.

The two charted landmarks, Cupola and Standpipe, appear on T-11165 as triangulation stations.

A charted rock on the sand beach at the entrance to Ogonquit River is not mapped, though the low-water photograph (53-J-160) suggests that there may be a line of rocks here. They will be located by the hydrographer.

66. Accuracy:

This map complies with project instructions and meets the National Standards of Accuracy.

Reviewed by:

_____________________
Lena T. Stevens

APPROVED BY:

_____________________
L. C. Lande
Chief, Review Section
Photogrammetry Division

_____________________
Chief, Photogrammetry Division
18 Aug 1958

_____________________
Chief, Nautical Chart Branch
Charts Division

_____________________
Chief, Coastal Surveys Division