

11224

11225N

N15

Diag. Cht. No. 1203-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

T-11224 N&S

Field No. Ph-104 Office No. T-11225 N

LOCALITY

State MaineGeneral locality Knox CountyLocality Matinicus Island1945

CHIEF OF PARTY

P. Taylor, Photogrammetric Party No. 1

E.H.Kirsch, Balto. Photo. Office

LIBRARY & ARCHIVES

DATE June 19, 1958

B-1870-1 (1)

11225

11224

DATA RECORD

T - 11224 and
T-11225 N

Project No. (II): Ph-104

Quadrangle Name (IV):

Field Office (II): Rockland, Maine

Chief of Party: Paul Taylor

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: Comdr. E. H. Kirsch

Instructions dated (II) (III): 13 April 1953

29 April 1953 (Supplement I)

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Air Photographic (Multiplex)

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): March 1, 1954

Date reported to Nautical Chart Branch (IV): March 12, 1954

Applied to Chart No.

Date:

Date registered (IV): 3 Feb 1958

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): NA 1927

Vertical Datum (III):

Mean sea level except as follows:

Elevations shown as (25) refer to mean high water

Elevations shown as (5) refer to sounding datum

i.e., mean low water or mean lower low water

Reference Station (III): JOHN, 1913

Lat.: 43° 52' 09.683"

Long.: 68° 54' 05.831"

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State:

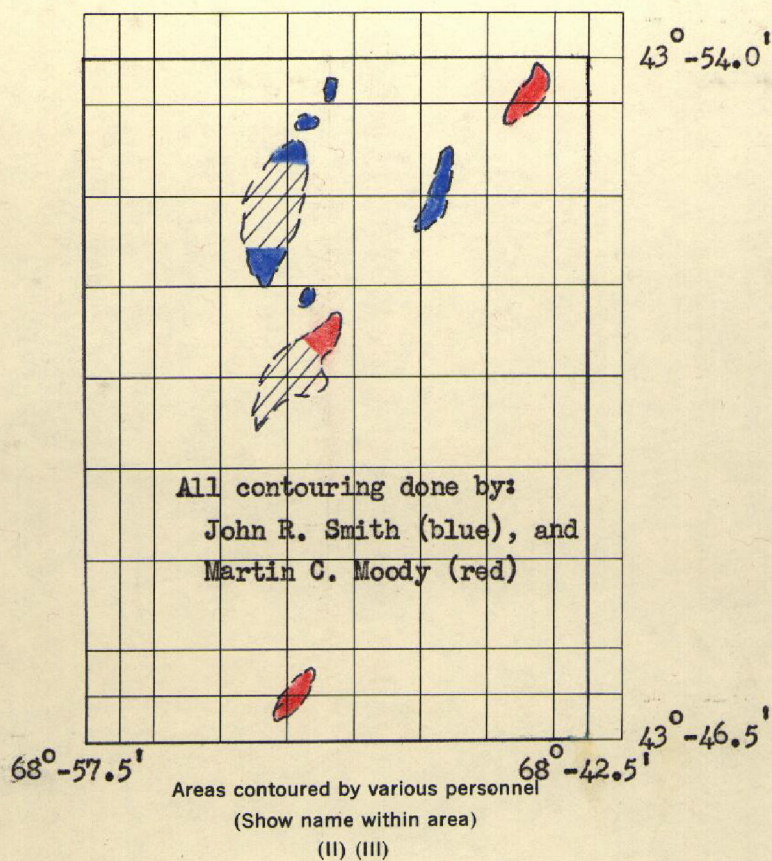
Zone:

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.



Hatched area contoured by E. H. Taylor. (on Kelsh Plotter)

DATA RECORD

Field Inspection by (II): John R. Smith, Carto. Surv. Aid, and
Martin C. Moody, Carto. Surv. Aid

Date: July, 1953

Planetable contouring by (II): John R. Smith, Carto. Surv. Aid, and
Martin C. Moody, Carto. Surv. Aid

Date: July, 1953

Completion Surveys by (II): *None made*

Date:

Mean High Water Location (III) (State date and method of location):

See Paragraph No. 35 of this report.

Projection and Grids ruled by (IV): Austin Riley

Date: Sept. 21, 1953

Projection and Grids checked by (IV): H. D. Wolfe

Sept. 29, 1953

Date: Sept. 23, 1953

Sept. 29, 1953

Control plotted by (III): A. K. Heywood

Date: Oct. 20, 1953

Feb. 18, 1954

Control checked by (III): D. M. Brant

Date: Oct. 21, 1953

Feb. 18, 1954

Radial Plot or Stereoscopic Control extension by (III): E. H. Taylor

Date: Nov. 2, 1953

Planimetry E. H. Taylor
Stereoscopic Instrument compilation (III):

Date: Nov. 12, 1953

Contours E. H. Taylor

Date: Nov. 12, 1953

Manuscript delineated by (III): A. K. Heywood

Date: Jan. 29, 1954

Feb. 10, 1954

Photogrammetric Office Review by (III): A. K. Heywood

Date: Feb. 11, 1954

Feb. 26, 1954

Elevations on Manuscript
checked by (II) (III): A. K. Heywood

Date: Jan. 29, 1954

Feb. 10, 1954

NOTE: The lower date opposite each item applies to T-11225.

Camera (kind or source) (II):

PHOTOGRAPHS (III)		Scale	Stage of Tide
Number	Date	Time	
52-J-3036 - 3044	7/1952)		(contact)
52-J-3053 - 3064	")		1:10,000
52-J-3045 - 3051	")	08:56	At or about MLW
		to	(contact)
52-J-3030 - 3032	")	09:14	1:10,000
52-J-3022 - 3024	")		At or about MLW

Tide (III)
(From predicted tables)

Reference Station: Portland, Maine
Subordinate Station: Matinicus Harbor
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
1.0	9.1	10.4

Washington Office Review by (IV):

*John M. Neal*Date: *Apr. 1956*

Final Drafting by (IV):

T-11224 M. Day
*T-11226 N. J. Daugherty*Date: *12/17/57**12/4/57*

Drafting verified for reproduction by (IV):

*Wm O. Hallum*Date: *12/20/57*

Proof Edit by (IV):

Date:

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

4

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

20

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

Control Leveling - Miles (II):

2.0

Number of Triangulation Stations searched for (II):

9

Recovered:

9

Identified:

4

Number of BMs searched for (II):

1

Recovered:

1

Identified:

0

Number of Recoverable Photo Stations established (III):

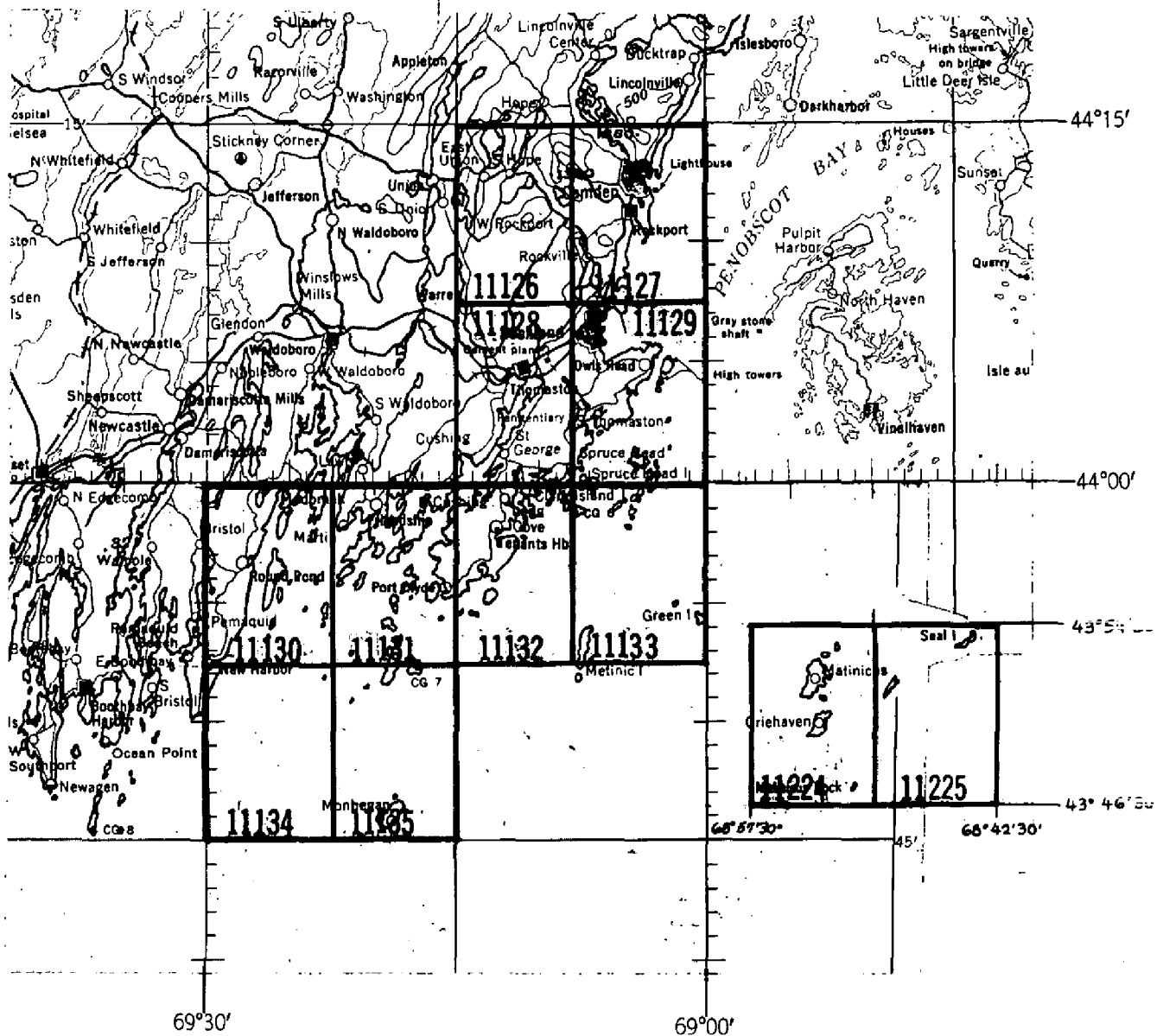
None

Number of Temporary Photo Hydro Stations established (III):

None

Remarks:

ROCKLAND, MAINE and VICINITY

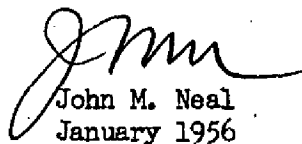


OFFICIAL MILEAGE FOR COST ACCOUNTS

No.	Sq. St. Miles	Lin. Miles Shoreline
11126	51	18
11127	27	25
11128	46	45
11129	14	30
11130	24	40
11131	15	57
11132	14	30
11133	3	17
11134	1	4
11135	3	12
11224	3	13
11225	1	7
TOTALS	202	298

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
T-11224 and T-11225

Topographic maps T-11224 and T-11225 are two of 12 similar maps in project 6104. These maps include Matinicus, Ragged, Wooden Ball and Seal Islands and Vicinity. The shoreline and planimetry were compiled from T-8026 and 8028 (1941-44) and corrected to 1953 by 1952-53 photographs, complete interior field inspection and partial shoreline inspection. These maps were not field edited. Other field operations preceding compilation included planetable contouring and the establishment of some vertical control by planetable for the instrument contouring. The manuscripts are in 3 half quadrangle sheets, each 3-3/4' in lat. by 7.5' in long. The maps are to be published by the Geological Survey as standard 7-1/2' topographic quadrangles at scale 1:24,000. The registered copies will include a cloth-mounted print of each of the 3 manuscripts designated as T-11224-N, T-11224-S and T-11225-N and at scale 1:10,000, and 1 cloth-backed color print each of the 2 7-1/2-minute quadrangles.


John M. Neal
January 1956

FIELD INSPECTION REPORT
 Quadrangles T-11224 and T-11225
 Project Ph-104 (Section "A")

The phases listed in the paragraph below are in addition to those phases shown on Pages 2 and 3:

<u>Name and Title</u>	<u>Phase</u>	<u>Date</u>
Joseph K. Wilson, Cartographer	Horizontal Control Shoreline	July, 1953

2. AREAL FIELD INSPECTION

The area includes several islands in the extreme southeastern portion of the project. Ragged Island and Matinicus Island are partly wooded and are the largest of the group. The remainder of the islands are about sixty feet high and are bare and rocky.

The villages of Matinicus and Criehaven are the only settlements within the group. Seal Island and Wooden Ball Island are inhabited only during the summer months by fishermen. At Matinicus Rock, the southernmost islet in the approach to Penobscot Bay, there is a lighthouse at the south end of the island.

Single-lens photographs of the U. S. Coast and Geodetic Survey, which were taken in 1952 at low water, were used for this area. No difficulty was encountered in their interpretation.

3. HORIZONTAL CONTROL

- (a) No supplemental control was established.
- (b) All stations are on the N.A. 1927 datum.
- (c) All stations were established by the U. S. Coast and Geodetic Survey.
- (e) All stations were recovered in good condition. RAGGED ISLAND, 1913 was reported destroyed in 1944. One of the reference marks was identified on the photograph.
- (f) Four stations were identified by the Sub Station Method on Matinicus and Ragged Islands.

4. VERTICAL CONTROL

(a) One tidal bench mark, established by the U.S.C. & G.S., was recovered at Matinicus Island. The party was not furnished the published descriptions, therefore no other tidal marks were searched for.

(b) There were no supplemental levels run. Vertical control for the planetable contouring was provided by the water surface corrected for stages of tide from a special predicted tide curve.

(c) None.

(d) All islands within this area were contoured by planetable with the exception of parts of Matinicus and Ragged Islands. At the advice of the photogrammetrist from Baltimore additional elevations on these two islands have been shown on the low-water photographs in black. The project instructions were not strictly followed as these level lines were run by planetable using the Beaman Arc. No permanent level notes were retained.

5. CONTOURS AND DRAINAGE

The contouring was done by planetable on copies of Special Loftrite Planimetric Maps, at an interval of ten feet.

Matinicus Island attains a height of one-hundred three feet. The remainder of the islands vary from fifteen feet to seventy-five. The terrain is generally rolling with little definite drainage.

Planetable traverses started and closed on cultural detail that could be identified on the sheets. A stereoscopic study of the photographs was made constantly by the topographer.

6. WOODLAND COVER

A field edit was made of the woodland cover as per project instructions. There were no changes made.

7. SHORELINE AND ALONGSHORE FEATURES

The shoreline was classified in accordance with project instructions. A field edit of the high-water line was made throughout the area and adequate notes made on the loftrite sheets and low-water photographs. The low-water line was delineated on the low-water photographs in red. Rocks awash

and small islands not shown on the planimetric maps were indicated.

One submarine cable has been indicated on photograph number 52-J-3034.

8. OFFSHORE FEATURES

Detached rocks were visited at low-water and indicated on the low-water photographs.

The low-water line was done by visual inspection.

9. LANDMARKS AND AIDS

(a) One landmark is recommended for charting on Form 567. There are no new landmarks recommended.

(b) No interior landmarks are recommended.

(c) There are no aeronautical aids.

(d) Two fixed aids are listed on Form 567.

10. BOUNDARIES, MONUMENTS AND LINES

See Special Boundary Report, which will be submitted at a later date.

11. OTHER CONTROL

Eight previously established monumented topographic stations were recovered and submitted on Form 524.

12. OTHER INTERIOR FEATURES

A field edit was made of the planimetric maps and any changes found have been noted on the loftrite sheets.

There are no bridges over navigable waters.

13. GEOGRAPHIC NAMES

A Special Report On Geographic Names will be submitted at a later date.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

The following reports will be submitted as special reports for the project: Geographic Names; Investigation of Boundaries; and Notes for the Coast Pilot.

3 September 1953
Submitted by:

Joseph K. Wilson
Joseph K. Wilson,
Cartographer

4 September 1953
Approved by:

Paul Taylor
Paul Taylor
Commander, USC&GS
Chief of Party

MAP T-11224

PROJECT NO. Ph-104

SCALE OF MAP 1:10,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR π -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
MATINICUS ISLAND CON G. CH. CUT, 1913	G-6793 P. 253	NA 1927	43 51 47.700 68 53 34.179	147.2 (379.6) 763.3 (576.6)		FORWARD (BACK)	FORWARD (BACK)
RAGGED ISLAND NORTHERN MOST WINDMILL, 1913	G-6793 P. 259	"	43 50 04.65 68 53 03.76	143.5 (1708.3) 84.0 (1256.5)			
NO MANS LAND, 1913	G-6053 P. 156	"	43 53 04.629 68 52 13.402	142.9 (1707.0) 299.2 (1040.3)			
JOHN, 1913	"	"	43 52 09.683 68 54 05.831	298.8 (1552.9) 130.2 (1209.5)			
MATINICUS ROCK L.H. (South), 1859	"	"	43 47 00.632 68 51 19.504	19.5 (1832.3) 436.1 (905.5)			
JUDDY YOUNG'S HO. CHY., 1913	G-6793 P. 252	"	43 51 24.465 68 53 40.905	755.1 (1096.7) 913.6 (426.5)			
RAGGED ISLAND RM NO. 2, 1913	*	"	43 49 17.85 68 53 40.72	550.9 (1300.9) 910.0 (430.8)			
Check L.H. Form 567 (p.156 G.P.15) <i>etc</i>							
* Computed from measurements given in listing of descriptions for triangulation stations.							

1 FT. = 3048006 METER

COMPUTED BY: Henry F. Eichert

DATE 15 Oct. 1953

CHECKED BY: Don Brant

DATE 10 Oct. 1953

M-2388-12

MAP T-11224.

PROJECT NO. Ph-104

SCALE OF MAP 1:10,000

SCALE FACTOR 1.000

[illegible]

1 FT. = 3048006 MICRONS

COMPUTED BY: Henry P. Eichert

DATE 16 Oct. 1953

CHECKED BY: A. K. Heywood

DATE 19 Feb. 1954

M-2388.1:

MAP T-11225

PROJECT NO. Ph-104

SCALE OF MAP 1:10,000

SCALE FACTOR.....1.000

[illegible]

1 FT. = 3048006 METER

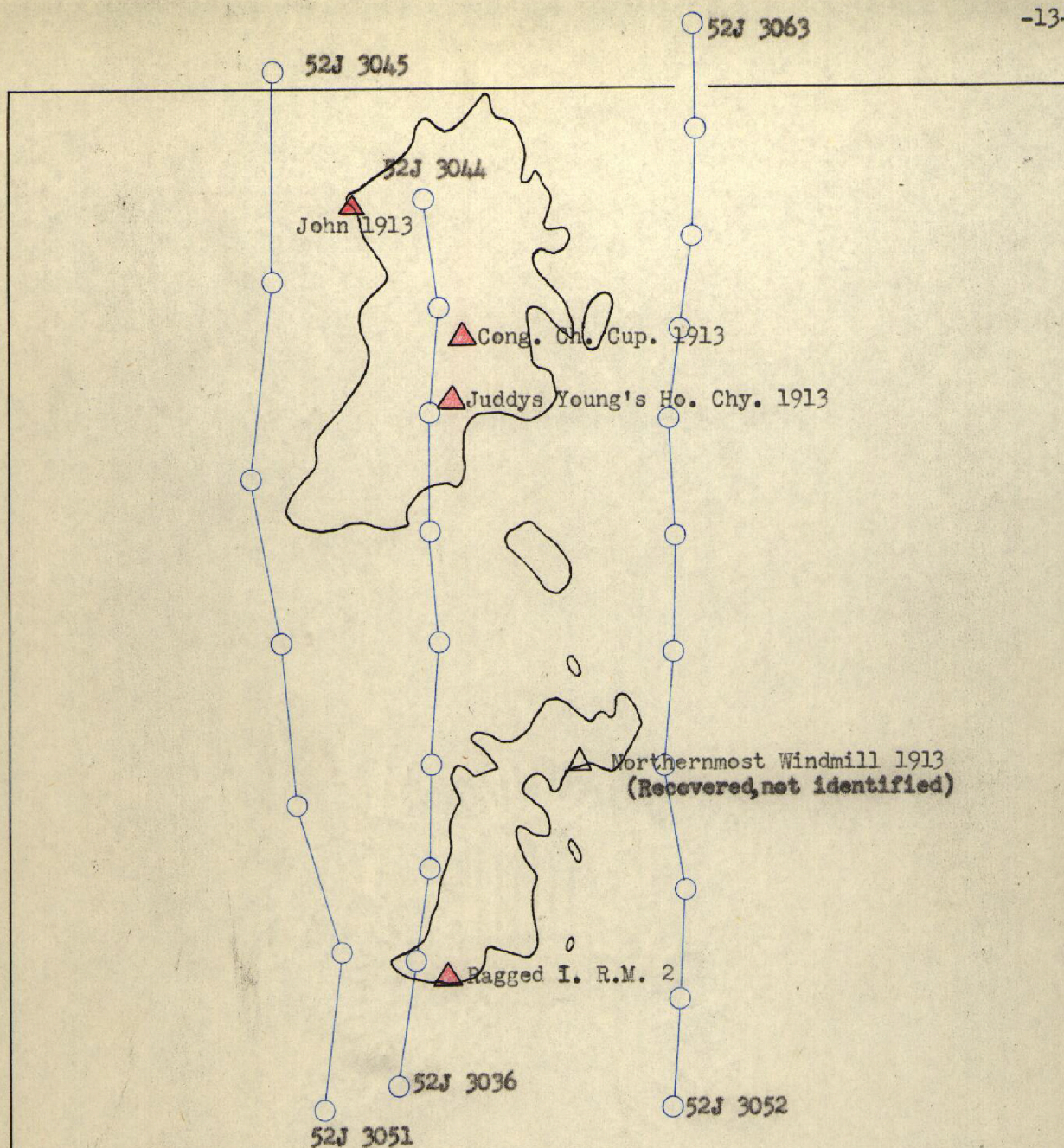
COMPUTED BY: **Henry F. Eichert**

DATE 15 Oct. 1953

CHECKED BY: Donald M. Brant

DATE 20 Oct. 1953

M. 2388-1.

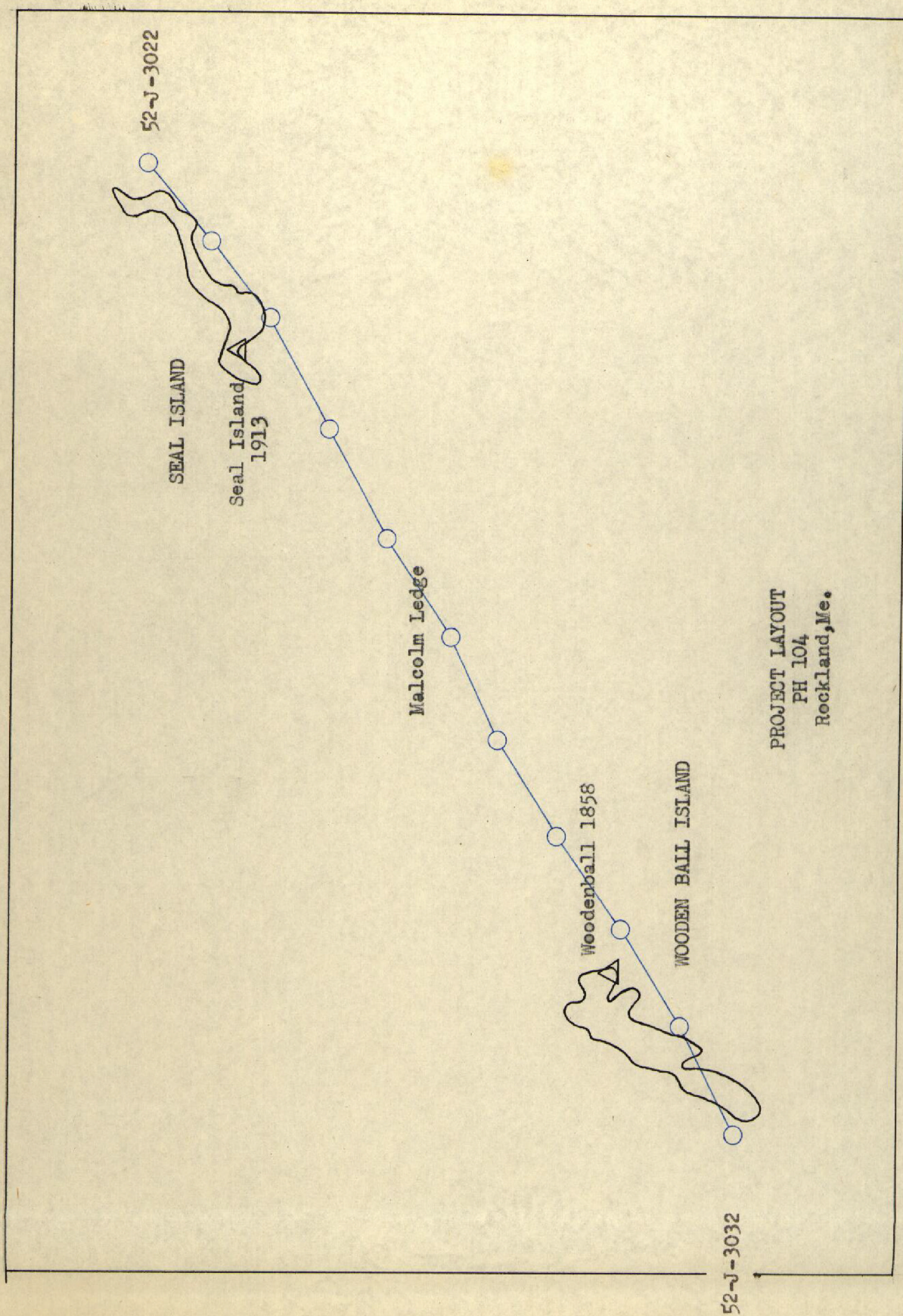


SKETCH OF CONTROL
PH 104
Rockland, Me.

Legend
△ Identified and held

MATINICUS ROCK

52J 3033
Lt. Ho.
3034



COMPILATION REPORT
PROJECT Ph-104
Surveys No. T-11224 and T-11225

PHOTOGRAMMETRIC PLOT REPORT

No separate photogrammetric Plot Report is to be submitted for these quadrangles. All side headings of the report applicable are covered adequately in the Compilation Report.

31. DELINEATION

Loftrite sheets of planimetric surveys at a scale of 1:10,000 were furnished this section by the Washington office. These planimetric surveys from Project CS-272 C were used as a base for the compilation of topographic quadrangles by this office on the Kelsh instrument. The use of these loftrite sheets will be discussed in detail under paragraphs 33 and 35.

Field inspection was adequate.

32. CONTROL

The land area consists of four main islands. The control, horizontal and vertical, will be discussed for each island separately.

Matinicus Island

Horizontal control: A small multiplex bridge was run on this island holding the following identified points: JOHN, 1913; MATINICUS ISLAND CONG. CH. CUP., 1913; JUDDY YOUNG'S HOUSE CHY., 1913; and one previously established topographic station S GAB., 1944.

Vertical control: Vertical control was furnished but confined to a road running along the center of the island. The outer edges of the model consequently had to be leveled on the water surface. The shoreline was so rocky as to make it difficult to read this water level with any degree of consistency.

Ragged Island

Horizontal control: Only one model could be set on this island, 3037 - 3038, containing one identified control point, RAGGED ISLAND R.M. No. 2. The point was held along with the shoreline from the loftrite sheet for scale. The photographs were taken at low water and the position of the M.H.W.L. was difficult to determine due to rocky ledge.

Vertical control: As in Matinicus Island, the rocky ledge made it difficult to level on the water. Index points were given by the field party on the south end of the island only.

Matinicus Rock, Wooden Ball Island and Seal Island were all completed by the Field Inspection party.

See paragraph No. 5 of the Field Inspection Report.

33. SUPPLEMENTAL DATA

Planimetric Surveys T-8026 and T-8028 from Project CS-272 C were used as a base for these quadrangles. All planimetry was accepted, except where changes were either noted by the inspection party or obvious during compilation of contours.

34. CONTOURS AND DRAINAGE

The quality of photographs and diapositives was fair. Sharpness of detail was lacking. Considerable tilt was noted.

Contours were compiled by the Kelsh instrument in the following areas:

Matinicus Island - In a line from Fasture Cove across to High Head south to a line from Curtis Point across the island.

Ragged Island - In a line from Deep Cove across to Camp Cove south to the end of the island.

All other areas were contoured by planetable methods. Refer to sketch on page 2 of this report.

At the boundaries between the Kelsh and planetable contours listed above it was necessary for the Kelsh contours to extend approximately $1\frac{1}{2}$ inches past the neat line of the model in order to reach the planetable contours. Ties to these planetable contours were made with a minimum of difficulty.

Wooden Ball Island - Triangulation WOODENBALL, 1858, Form 526, describes this station as being the highest point on the island approximately 80' in elevation. The planetable contours, however, did not fit it's plotted position being off some 15 meters. The planetable contours were adjusted to fit this description.

35. SHORELINE AND ALONGSHORE DETAIL

All shoreline was examined during compilation and, except for minor changes in the vicinity of Matinicus Harbor, it was decided that the previous shoreline could not be proven incorrect. (T-8026 & T-8028)

A low water line was furnished by the Field Inspection party on low water photographs:

36. OFFSHORE DETAILS

Refer to paragraph No. 49, of this report.

37. LANDMARKS AND AIDS

There are two aids to navigation and two landmarks for charts within these survey areas.

38. CONTROL FOR FUTURE SURVEYS

A list, by quadrangles, of recoverable topographic stations has been prepared and included in paragraph No. 49 of this report.

Refer to paragraph No. 20, Project Instructions, dated 13 April 1953 and Special Instructions, 73 mkl, 29 Dec. 1953, paragraph 10.

There are twelve topographic stations shown on these manuscripts. The Field Party submitted cards for eight recovered stations and one destroyed station.

39. JUNCTIONS

All boundaries of these surveys are water.

40. HORIZONTAL AND VERTICAL ACCURACY

See paragraph No. 32 of this report.

41 thru 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

USGS quadrangle MATINICUS, ME., scale 1:62,500, Edition of 1906, reprinted 1947.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 322, scale 1:40,000 published Jan. 1950 (1st Edition) 5/20/52.

Items to be applied immediately: None.
Items to be carried forward: None.

Approved and forwarded

E. H. Kirsch
E. H. Kirsch,
Comdr. USC&GS
Officer in Charge

Respectfully submitted
10 March 1953

A. K. Heywood
A. K. Heywood
Carto. (Photo)

PHOTOGRAMMETRIC OFFICE REVIEW

T. 11224

1. Projection and grids AKH 2. Title AKH 3. Manuscript numbers AKH 4. Manuscript size AKH

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy AKH 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) AKH 7. Photo hydro stations AKH 8. Bench marks AKH 9. Plotting of sextant fixes AKH 10. Photogrammetric plot report AKH 11. Detail points AKH

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline AKH 13. Low-water line AKH 14. Rocks, shoals, etc. AKH 15. Bridges AKH 16. Aids to navigation AKH 17. Landmarks AKH 18. Other alongshore physical features AKH 19. Other along-shore cultural features AKH

PHYSICAL FEATURES

20. Water features AKH 21. Natural ground cover AKH 22. Planetable contours AKH 23. Stereoscopic instrument contours AKH 24. Contours in general AKH 25. Spot elevations AKH 26. Other physical features AKH

CULTURAL FEATURES

27. Roads AKH 28. Buildings AKH 29. Railroads AKH 30. Other cultural features AKH

BOUNDARIES

31. Boundary lines AKH 32. Public land lines AKH

MISCELLANEOUS

33. Geographic names AKH 34. Junctions AKH 35. Legibility of the manuscript AKH 36. Discrepancy overlay AKH 37. Descriptive Report AKH 38. Field inspection photographs AKH 39. Forms AKH 40. AKH AKH

Reviewer

Supervisor, Review Section or Unit

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:

M-2623-12

PHOTOGRAMMETRIC OFFICE REVIEW

T-11225

1. Projection and grids 2. Title 3. Manuscript numbers 4. Manuscript size

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) 7. Photo hydro stations 8. Bench marks
9. Plotting of sextant fixes 10. Photogrammetric plot report 11. Detail points

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline 13. Low-water line 14. Rocks, shoals, etc. 15. Bridges 16. Aids to navigation 17. Landmarks 18. Other alongshore physical features 19. Other along-shore cultural features

PHYSICAL FEATURES

20. Water features 21. Natural ground cover 22. Planetable contours 23. Stereoscopic instrument contours 24. Contours in general 25. Spot elevations 26. Other physical features

CULTURAL FEATURES

27. Roads 28. Buildings 29. Railroads 30. Other cultural features

BOUNDARIES

31. Boundary lines 32. Public land lines

MISCELLANEOUS

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

40.
Reviewer

Supervisor, Review Section or Unit

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:

48. GEOGRAPHIC NAME LIST

T-11224

Atlantic Ocean
Beach Ledges
Black Rocks
Brig Ledge
Bull Cove
Burgess Cove
Camp Cove
*Camp Cove Ledge
Cato Cove
Cato Ledge
Condon Cove
Condon Ledge Pt.
Curtis Point
Criehaven
Criehaven Harbor
*Deep Cove
Dexter Ledge
East Black Ledge
Field Point
Green Ledge
*Harbor Ledges
*Harbor Point
High Ledge
High Head
Indian Ledge
Little Island
Long Cove
*Mackerel Ledge
Markey Beach
Matinicus
Matinicus Harbor
Matinicus Island
Matinicus Roads
Matinicus Rock
No Mans Land
Northeast Pt.
Cold Cove

T-11224 (cont'd)

Pasture Cove
* Pond Cove
Philbrook Cove
Pudding Island
Ragged Island
Seal Cove
Seal Ledge
Shag Ledge
~~South Breaker~~
Southwest Ledges
South Sandy Beach
* South West Point
* Sunset Pt.
Tenpound Island
The Earrel
The Hogshead
Tuckanuck Ledge
Two Bush Ledge
~~Two Bush Ledge~~
West Black Ledge
West Pt.
Whaleback
Wheaton Island
Wilson Cove
Wilson Head
Young Point
Zephyr Ledges
T-11225
Back Cove
Eastern Ledge
Frenchman Cove
Malcolm Ledge
Medrick Beach
Northeast Cove
Northeast Point
~~West~~
Seal Island
* Shag Roost
Southwest Cove
Stephens Head
* Squeaker Guzzle

*Names
 approved
 11-10-54
 R.F.W.*

48. GEOGRAPHIC NAME LIST (cont'd)

T-11225 (cont'd)

Western Bight ✓
Western Head ✓
% Western Ledge ✓
Wood Cove ✓
Wooden Island (two words)
Ball ✓

Names for 11225 approved
1-10-56. L. Heck

*Names taken from Planimetric Survey T-8026
%Names taken from Planimetric Survey T-8028
**Feature not shown on manuscript

49. NOTES FOR THE HYDROGRAPHER

T-11224

There are nine recoverable topographic stations within the survey - the names of which follow:

BELL TOWER ON SCHOOL, 1944
CRIEHAVEN BREAKWATER LT., 1944
E. CHY., 1944
GREEN, 1944
NET, 1944
NOT, 1944
N. WINDOW HOUSE, 1944
S. GABLE, 1944
TOWER, 1943

T-11225

There are three recoverable topographic stations within this survey - the names of which follow:

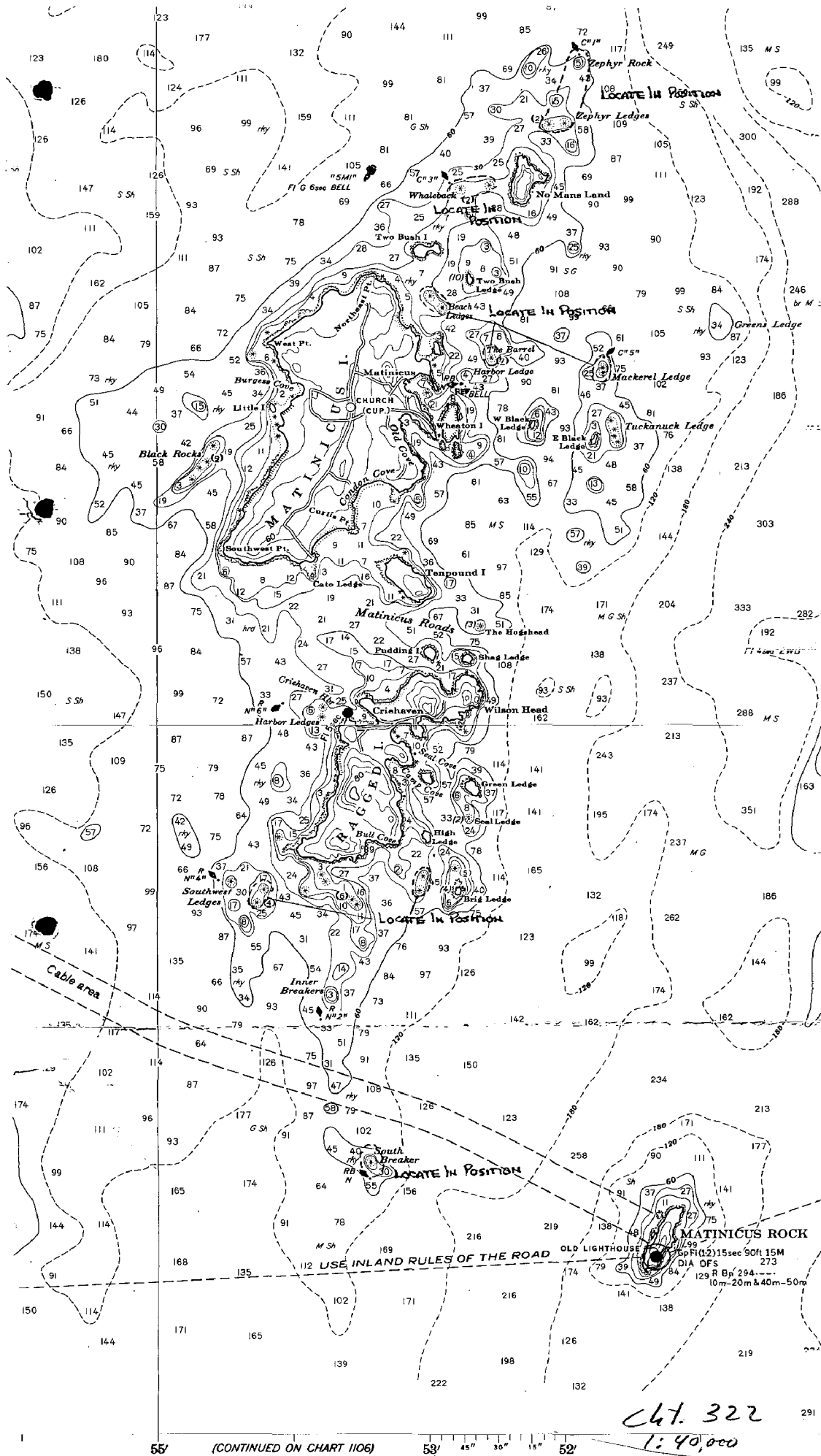
JIM, 1944
LAN, 1944
LES, 1944

Refer to paragraph No. 20 of the Project Instructions, dated 13 April 1953.

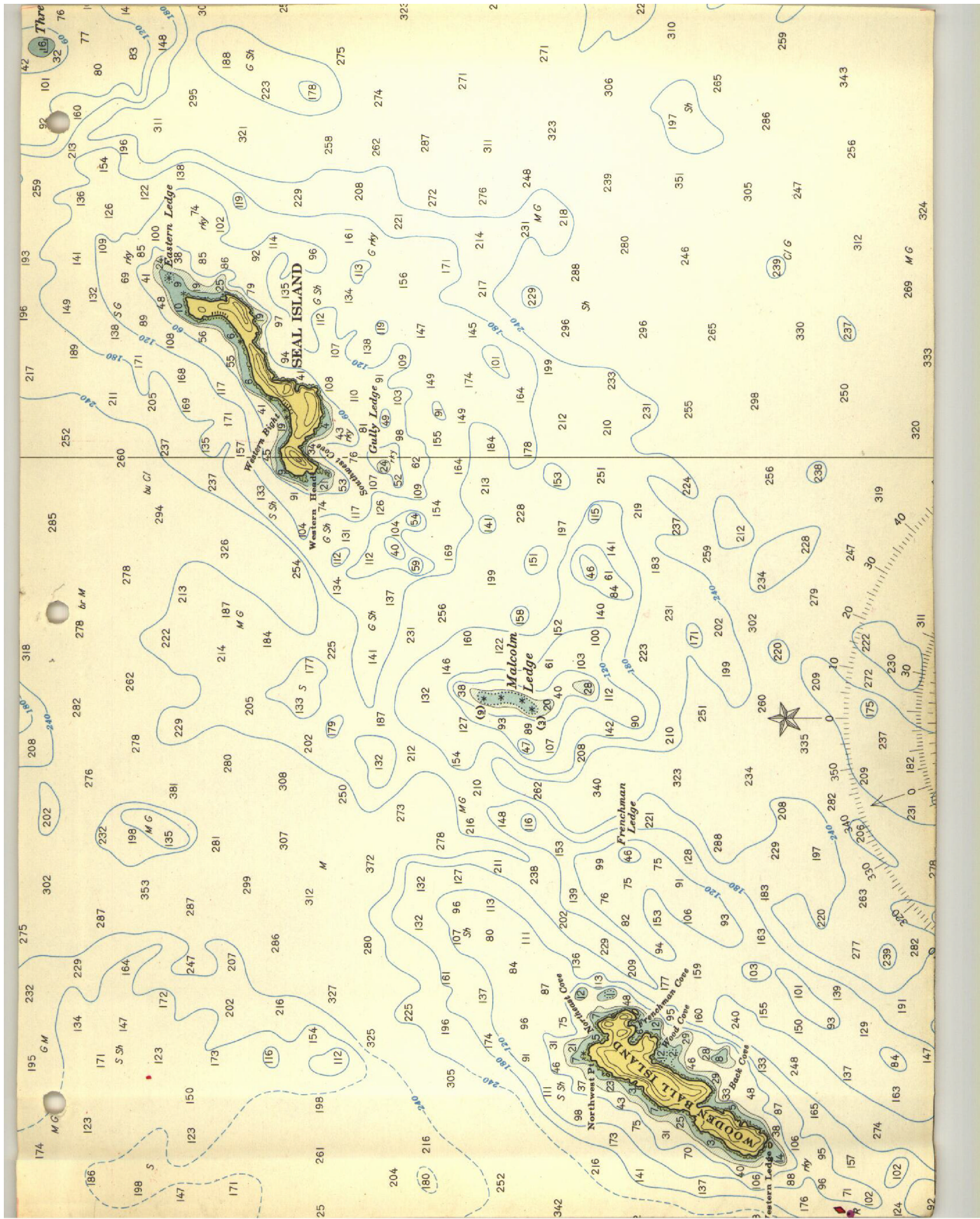
A set of low water photographs (scale 1:10,000) has been prepared for use in hydrographic surveys and submitted with the report. These photographs contain detail points which are common to those on the manuscripts.

Chart sections are attached on which are indicated offshore details to be proven, disproven or located in position.

These features will be applied to the manuscripts with hydrography.



CH. 322
1:40,000



NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE DELETED

STRIKE OUT ONE

Baltimore, Maryland

January

1954

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

The positions given have been checked after listing by A. K. Heywood

E. H. Kirsch

[illegible]

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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~

STRIKE OUT ONE

Baltimore, Maryland

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

The positions given have been checked after listing by A. K. Heywood

E. H. Kirsch,	Chief of Party.
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[illegible]

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

Review Report
Topographic Maps
T-11224
and
T-11225
January 1956

62. Comparison with Registered Topographic Surveys:

T-958	1:20,000	1864
7022	1:10,000	1945
8026	"	1941-44
8028	"	1941-44

T-11224-25 supersedes all above surveys in common areas for nautical charting purposes. Bluff symbol as used on T-8026 and T-8028 does not express these features as accurately as the contours of T-11224 and T-11225.

63. Comparison with Maps of Other Agencies:

USGS Matinicus, Me. 1:62,500, 1906

The contours on the above map are apparently from form lines sketched on T-958 (see 62) and do not adequately express relief existing on the islands. T-11224-25 completely supersedes areas in common of the above quadrangle as a source of topographic information.

64. Comparison with Contemporary Hydrographic Surveys:

H-7056	1:20,000	1945
H-7055	1:10,000	1945
ST-2154	1:20,000	1954 (boat sheet)
H-8167	1:10,000	1954 " "
H-7057	1:20,000	1945

All differences between above surveys and T-11224 and T-11225 have been resolved by this review. Hydrography that will be applied at a later date has been compiled concurrently with this review, *of an unverified Boat Sheet, which is subject to addition or corrections after verification.*

65. Comparison with Nautical Charts:

Chart 322	1:40,000	1950 (52-5/26)
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No critical differences noted.

66. Adequacy of Results and Future Surveys:

These maps comply with all instructions and with the National Standards of Map Accuracy. They are of adequate accuracy for use as a base for Hydrographic Surveys.

Reviewed by:

John M. Neal
John M. Neal

APPROVED BY:

H. C. Lande
Chief, Review and Drafting Section
Photogrammetry Division

W. H. K. K. K.
Chief, Nautical Chart Branch
Charts Division

Chief, Photogrammetry Division
0799

Chief, Coastal Surveys Division

11224-25

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
T-11224 and T-11225

Topographic maps T-11224 and T-11225 are two of 12 similar maps in project 6104. These maps include Matinicus, Ragged, Wooden Ball and Seal Islands and Vicinity. The shoreline and planimetry were compiled from T-8026 and 8028 (1941-44) and corrected to 1953 by 1952-53 photographs, complete interior field inspection and partial shoreline inspection. These maps were not field edited. Other field operations preceding compilation included planetable contouring and the establishment of some vertical control by planetable for the instrument contouring. The manuscripts are in 3 half quadrangle sheets, each 3-3/4' in lat. by 7.5' in long. The maps are to be published by the Geological Survey as standard 7-1/2' topographic quadrangles at scale 1:24,000. The registered copies will include a cloth-mounted print of each of the 3 manuscripts designated as T-11224-N, T-11224-S and T-11225-N and at scale 1:10,000, and 1 cloth-backed color print each of the 2 7-1/2-minute quadrangles.

John M. Neal
January 1956

Review Report
Topographic Maps
T-11224
and
T-11225
January 1956

62. Comparison with Registered Topographic Surveys:

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63. Comparison with Maps of Other Agencies:

USGS Matineus, Me. 1:62,500, 1906

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64. Comparison with Contemporary Hydrographic Surveys:

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H-7055	1:10,000	1945
ST-2154	1:20,000	1954 (boat sheet)
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Chart 322	1:40,000	1950 (52-5/26)
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No critical differences noted.

Boat sheet, which is subject to additions or corrections after verification LCH

66. Adequacy of Results and Future Surveys:

These maps comply with all instructions and with the National Standards of Map Accuracy. They are of adequate accuracy for use as a base for Hydrographic Surveys.

Reviewed by:

John M. Neal

APPROVED BY:

Chief, Review and Drafting Section
Photogrammetry Division

Chief, Nautical Chart Branch
Charts Division

Chief, Photogrammetry Division

Chief, Coastal Surveys Division

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
T-11224 and T-11225

Topographic maps T-11224 and T-11225 are two of 12 similar maps in project 6104. These maps include Martinicus, Ragged, Wooden Ball and Seal Islands and Vicinity. The shoreline and planimetry were compiled from T-8026 and 8028 (1941-44) and corrected to 1953 by 1952-53 photographs, complete interior field inspection and partial shoreline inspection. These maps were not field edited. Other field operations preceding compilation included planetable contouring and the establishment of some vertical control by planetable for the instrument contouring. The manuscripts are in 3 half quadrangle sheets, each 3-3/4' in lat. by 7.5' in long. The maps are to be published by the Geological Survey as standard 7-1/2' topographic quadrangles at scale 1:24,000. The registered copies will include a cloth-mounted print of each of the 3 manuscripts designated as T-11224-N, T-11224-S and T-11225-N and at scale 1:10,000, and 1 cloth-backed color print each of the 2 7-1/2-minute quadrangles.

John M. Neal
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Review Report
Topographic Maps
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H-3167	1:10,000	1954 " "
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Reviewed by:

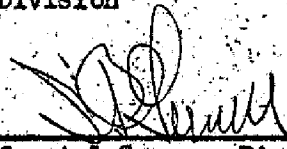
John M. Neal

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Chief, Nautical Chart Branch
Charts Division

Chief, Photogrammetry Division



Chief, Coastal Surveys Division

NAUTICAL CHARTS BRANCH

SURVEY NO. 11224-11225

Record of Application to Charts

[illegible]

M.216B-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.