

11224

11225N

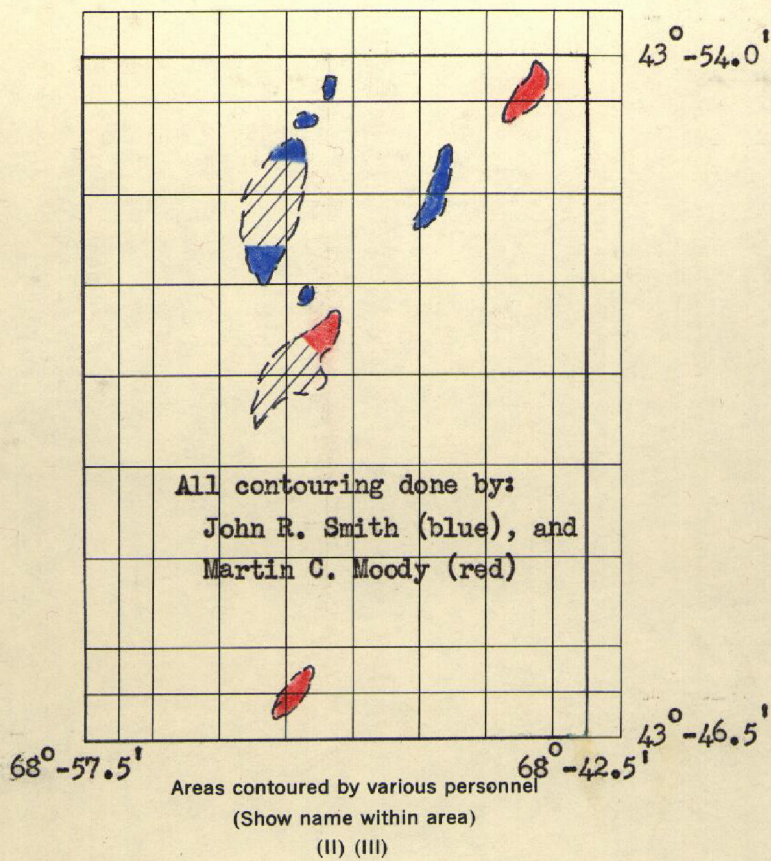
N&S

11225

11224

Diag. Cht. No. 1203-2.

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Topographic
Field No.	Ph-104
Office No.	T-11225 N
LOCALITY	
State	Maine
General locality	Knox County
Locality	Matinicus Island
<u>1953</u>	
CHIEF OF PARTY	
P. Taylor, Photogrammetric Party No. 1	
E.H.Kirsch, Balto. Photo. Office	
LIBRARY & ARCHIVES	
DATE	June 19, 1958



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):	<i>None made</i>	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 Sept. 29, 1953
Projection and Grids checked by (IV):	H. D. Wolfe	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
Stereoscopic Instrument compilation (III):	Planimetry E. H. Taylor	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) (III):

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

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 MS 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):

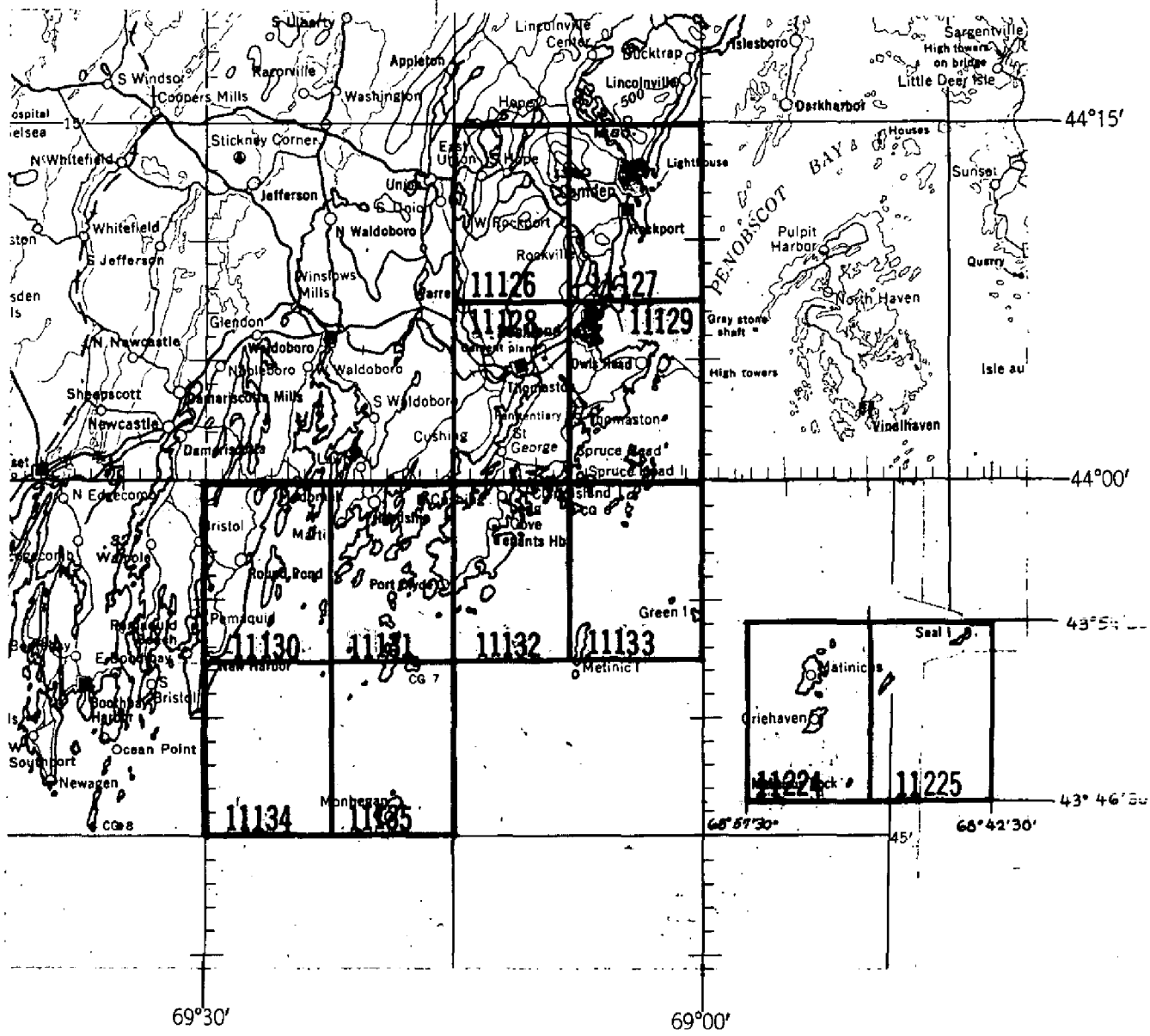
None

Number of Temporary Photo Hydro Stations established (III):

None

Remarks:

ROCKLAND, MAINE and VICINITY

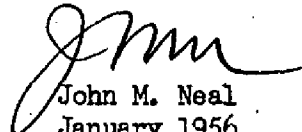


OFFICIAL MILEAGE FOR COST ACCOUNTS

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 projects: 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 x -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	
			°	'	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
MATINICUS ISLAND CONG. CH. CUP, 1913	G-6793 P. 253	NA 1927	43	51	47.700	147.2	(379.6)				
			68	53	34.179	763.3	(576.6)				
RAGGED ISLAND NORTHERN MOST WINDMILL, 1913	G-6793 P. 259	"	43	50	04.65	143.5	(1708.3)				
			68	53	03.76	84.0	(1256.5)				
NO MANS LAND, 1913	G-6053 P. 156	"	43	53	04.629	142.9	(1707.0)				
			68	52	13.402	299.2	(1040.3)				
JOHN, 1913	"	"	43	52	09.683	298.8	(1552.9)				
MATINICUS ROCK I.H. (South), 1859	"	"	68	54	05.831	130.2	(1209.5)				
			43	47	00.632	19.5	(1832.3)				
JUDDY YOUNG'S HO. CHY., 1913	G-6793 P. 252	"	68	51	19.504	436.1	(905.5)				
			43	51	24.465	755.1	(1096.7)				
RAGGED ISLAND RM NO. 2, 1913	*	"	68	53	40.905	913.6	(426.5)				
			43	49	17.85	550.9	(1300.9)				
			68	53	40.72	910.0	(430.8)				
<i>Check L.H. Form 567 (p.156 G.P.15) E.H.</i>											
* Computed from measurements given in listing of descriptions for triangulation stations.											

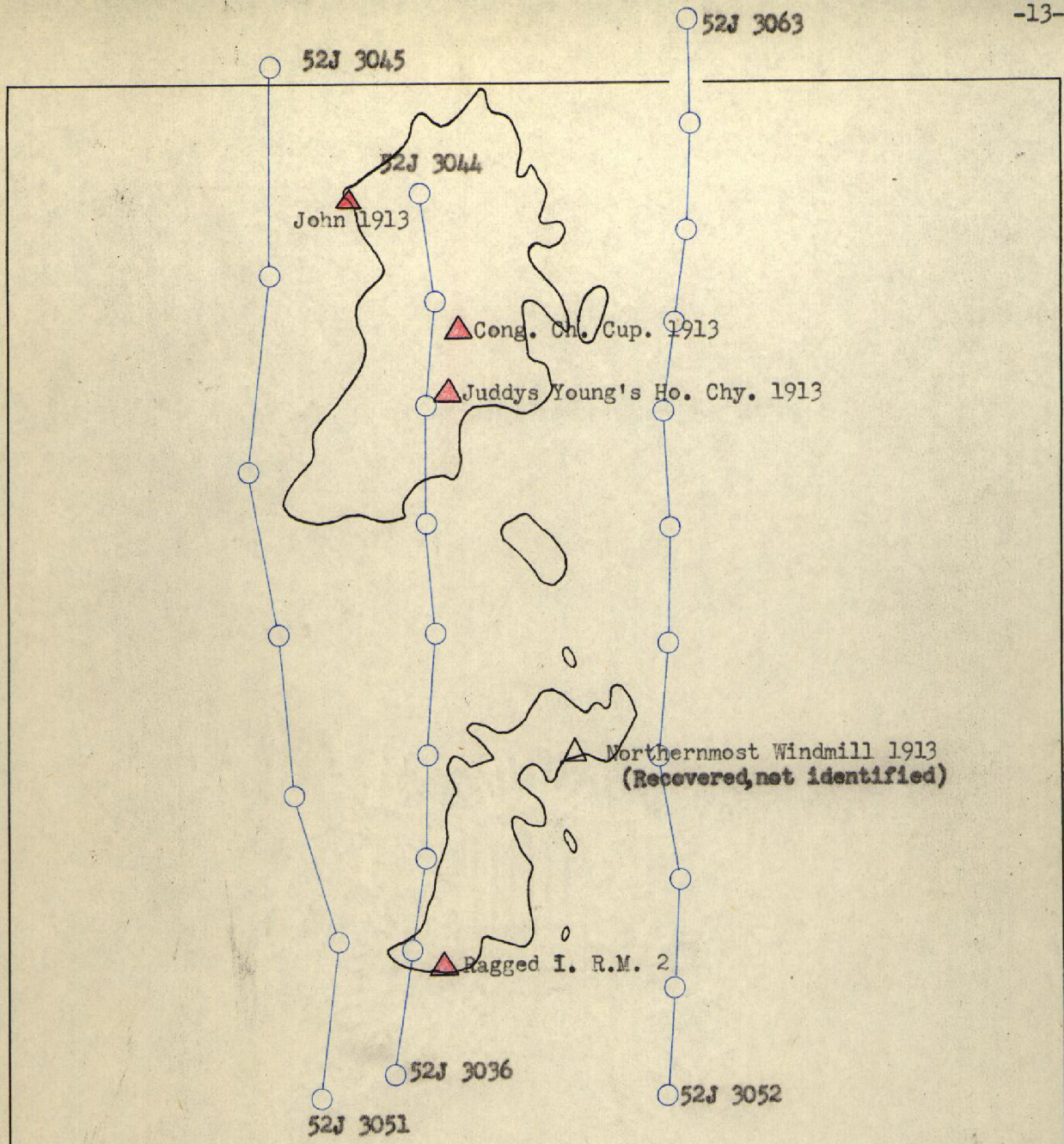
1 FT. = .3048006 METER

COMPUTED BY: Henry F. Eichert

DATE 15 Oct. 1953

CHECKED BY: Don Brant

DATE 10 Oct. 1953

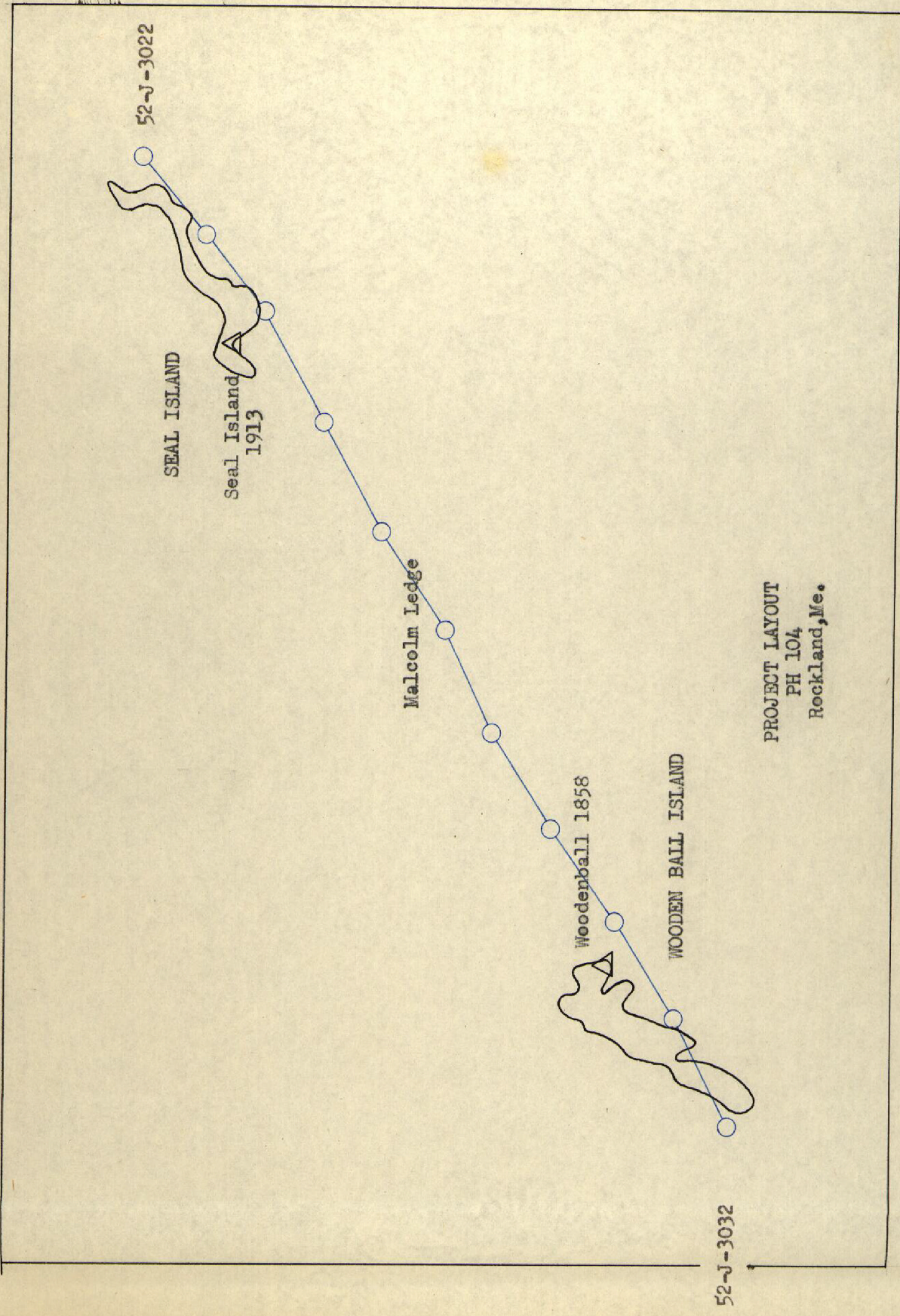


SKETCH OF CONTROL
PH 104
Rockland, Me.

Legend
▲ Identified and held

MATINICUS ROCK

52J 3033
Lt. Ho.
3034



52-J-3022

SEAL ISLAND

Seal Island
1913

Malcolm Ledge

Woodenball 1858

WOODEN BALL ISLAND

PROJECT LAYOUT
PH 104
Rockland, Me.

52-J-3032

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 Reviewer AKH 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:

PHOTOGRAMMETRIC OFFICE REVIEW

T-11225

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

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines ATL 32. Public land lines ATL

MISCELLANEOUS

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

40. ATL Reviewer ATL 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
Tuckanuk 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
 11-30-54
 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:

BELLE 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:

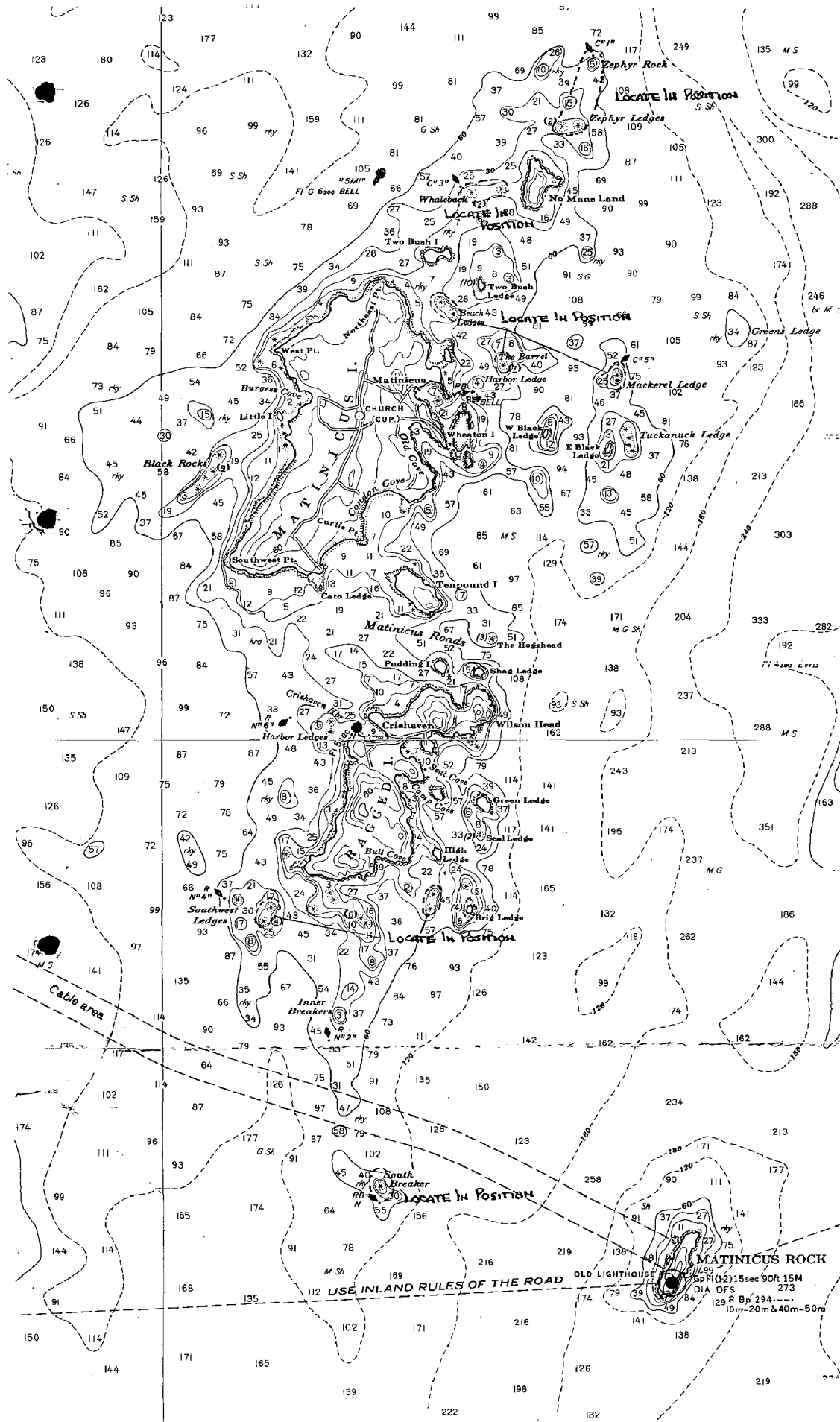
JIM, 1944
LAN, 1944
LES, 1944

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

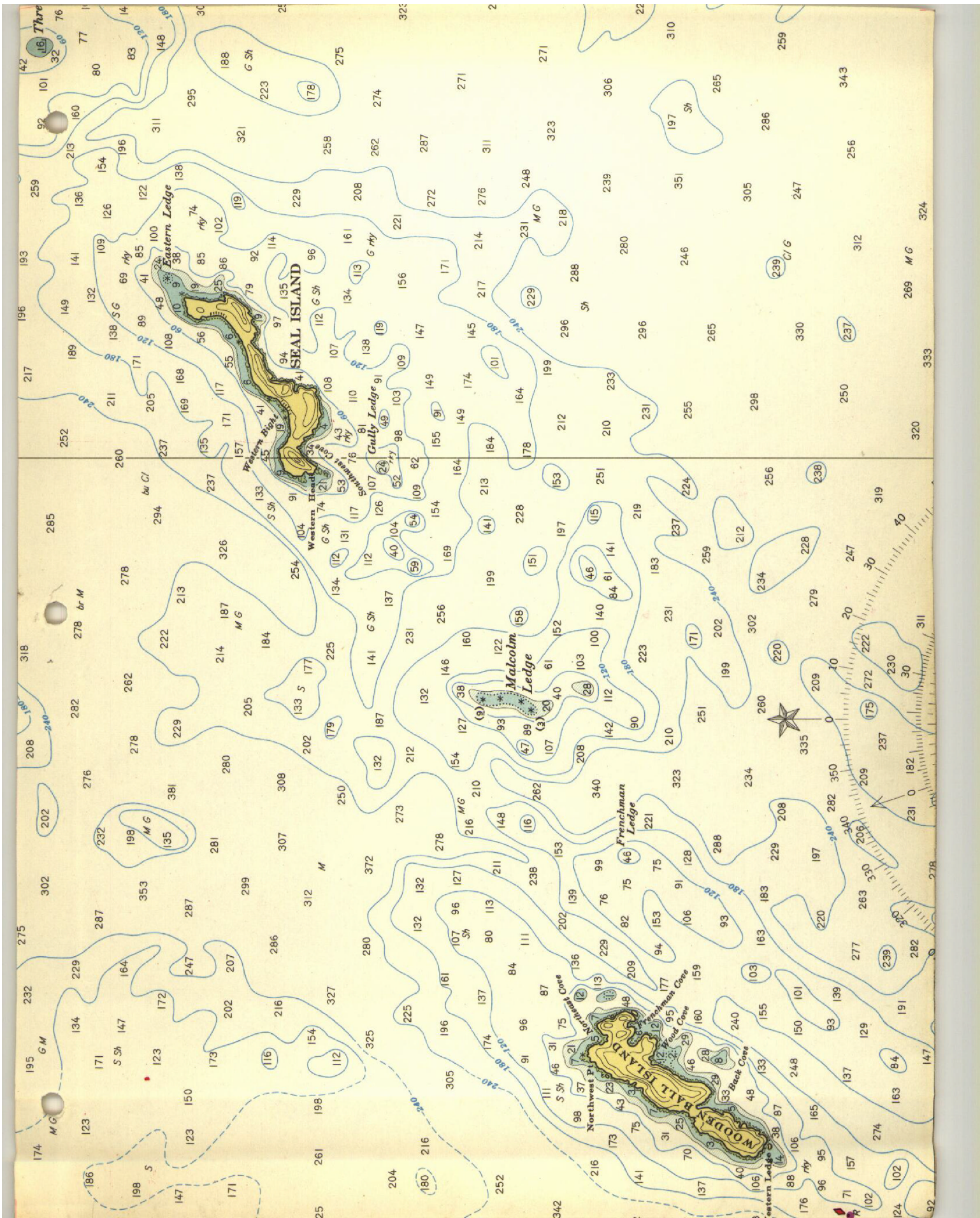
A set of low water photographs (scale 1:10,000) has been prepared for use in hydrographic surveys and submitted with the report. These photographs contain detail points which are common to those on the manuscripts.

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



DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~**TO BE DELETED**~~

STRIKE OUT ONE

Baltimore, Maryland

January

19 54

I recommend that the following objects which have ~~(been inspected)~~ 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.

CHARTING NAME	STATE	DESCRIPTION	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE * D. M. METERS	LONGITUDE * D. P. METERS	DATUM	SIGNAL NAME						
CUP	MAINE	40 ft. high (85) (MATINICUS IS. CONG. CH. CUB, 1913)	43 51	68 53	NA 1927	Triang T-11224	1913		X	X	322	
L.H.		Abandoned L. H. on Matinicus Rock 45 ft. high (85) (TOWER, 1943)	43 47	65 51	" 46x8 468	Air Ph. T-11224	1943		X		322	

Positions given in chart letter 1142 (1953).

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

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~

STRIKE OUT ONE

Baltimore, Maryland, January, 19 54

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

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

E. H. Kirsch, Chief of Party.

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
				LATITUDE *		LONGITUDE *								DATUM
				° ' "	D. M. METERS	° ' "	D. P. METERS							
Lt.	MAINE	Cylindrical Gray Granite Tower & Dwelling 90' high / Matinicus Rock L.H. (South) 1859		43 47	00.632	68 51	19.504	NA	1859	X	X	322 1203		
Lt.		Red Skeleton Tower 26' high. (CRIEHAVEN BREAKWATER LT., 1944)		43 50	4.70	68 53	35.32	"	1944	X	X	322 1203		
		(48*(98)												
		* From light list												

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:

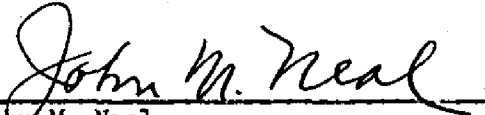
Chart 322 1:40,000 1950 (52-5/26)

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

APPROVED BY:


Chief, Review and Drafting Section
Photogrammetry Division


Chief, Nautical Chart Branch
Charts Division

Chief, Photogrammetry Division


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

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TCH*

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Reviewed by:

John M. Neal

APPROVED BY:

Chief, Review and Drafting Section
Photogrammetry Division

Chief, Nautical Chart Branch
Charts Division

Art Bull

Chief, Photogrammetry Division

Chief, Coastal Surveys Division

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

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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

NAUTICAL CHARTS BRANCH

SURVEY NO. 11224-11225

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
5/27/60	322 <i>drf 9</i>	<i>Wittmann</i>	Before After Verification and Review <i>Partly applied</i>
3-17-61	1203	<i>R. E. Elkins</i>	Before After Verification and Review <i>Partly applied</i>
7-2-63	1203	<i>M. Rogers</i>	Before After Verification and Review <i>Partly applied</i> Partly applied
7-2-63	322	<i>M. Rogers</i>	Before After Verification and Review <i>Fully appld.</i>
10-9-63	1203 Recon.	<i>M. Rogers</i>	Before After Verification and Review <i>Three days of chart 322</i>
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

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.