U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: Planimetric Air Photographic

Field No.: T-5620

Office No.: 7

Wash., Des Moines, Oct 19, 1940

LOCALITY

State: Maine

General locality: Coast of Maine

Locality: Burnt Island - Little Burnt Island

Little Egg Rock - Shark Island - Allen Island

Monhegan I - Eastern Egg Rock

Chief of Party

Fred. L. Peacock

Library & Archives

Date: November 5, 1940
DATA RECORD

T-5620 [Includes T-5679 & T-57438]

Quadrangle (II): Monhegan, Maine (15')

Field Office:
Air Photographic Party No. 2
Baltimore, Maryland

Compartment Office:
Air Photographic Party No. 2
Baltimore, Maryland

Instructions dated (II III):
January 12, 1942; April 1, 1942

Completed survey received in office: Dec. 1943

Reported to Nautical Chart Section:

Reviewed: June, 1946
Applied to chart No. Date:

Redrafting Completed: Sept. 1947

Registered: Oct. 1945
Published: Nov. 1947

Compilation Scale: 1:9700
Published Scale: 1:10000

Scale Factor (III): 1.031

Geographic Datum (III): N. A. 1927
Reference Station (II): Burnt Island 2, 1934 (D.M.) ft., 1943

Lat.: 43 Deg. 51' 57.479"
1774.0 (77.8)m.

Long.: 69 Deg. 17' 42.432"
948.6 (391.2)m.

Datum Plane (III): Mean Sea Level

High Water

State Plane Coordinates (VI): West Zone (v. 49)

X = 7 27 8 63.00

Y = 377 5 88.48

Military Grid Zone (VI) Not shown
PHOTOGRAPHS (III)

<table>
<thead>
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<th>Time</th>
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<td>9:45 A.M.</td>
<td>1:10,000</td>
<td>10.2' above MLW</td>
</tr>
</tbody>
</table>

Tide from (III); Portland, Maine, with time correction to Monhegan Island.

Mean Range: 9.3'  
Spring Range: 10.6'  

Camera: (Kind or source) U. S. Coast & Geodetic Survey, nine lens camera  
(focal length, 8½")  
All negatives are on file in the Washington Office

Field Inspection by: Lt. Comdr. Henry O. Fortin  
Date: Spring & Summer of 1943

Field Edit by:  
Date:

Date of Mean High-Water Line Location (III):  
October 19, 20, 21, 1941

Projection and Grids ruled by (III) Washington Office  
B. R. C. - J. T. B.  
checked by: B. R. C.

Control plotted by: Mary Ki Olthouse  
Date: Aug. 14, 1943

Control checked by: Harry R. Rudolph  
Date: Aug. 19, 1943

Radial Plot by: James E. Sunderland, Harry R. Rudolph and Walter E. Schmidt  
Date: August, 1943

Detailed by: Harriet H. Moritz (Shoreline & Interior - Rough Draft)  
Date: September, 1943

Reviewed in compilation office by: Harry R. Rudolph  
Date: September, 1943
STATISTICS (III)

Land Area (Sq. Statute Miles): 1 1/2

Shoreline (More than 200 meters to opposite shore): 7.2 Statute miles

Shoreline (Less than 200 meters to opposite shore): None

Number of Recoverable Topographic Stations established: Three
by radial intersection.
Number of Temporary Hydrographic Stations located by radial plot:
Forty-nine
Leveling (to control contours) - miles: None

Roman numberals indicate whether the item is to be entered by,

(II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname
and initials (not initials only).

Remarks: T-5620 has been extended eastward to include Eastern Egg
Rock formerly planned as a part of T-5438.
Hopkinton and its neighboring islands (formerly T-5879)
is now insert upon chart T-5826.
LTS.
CONTROL:

The control plotted and control transferred from adjoining map drawings consists of five (5) U. S. Coast and Geodetic Survey triangulation stations. The triangulation stations have been shown with the standard triangulation symbol.

The following control stations are within the detail limits of map drawing Survey No. T-5620:

Three (3) U. S. Coast and Geodetic Survey triangulation Stations:

- ALLEN, 1859, no recovery in 1943
- BURNT ISLAND, 1859, no recovery in 1943
- BURNT ISLAND, 2, 1934 (D.M.) r., 1943

The following control stations fall just outside the detail limits of map drawing Survey No. T-5620:

Two (2) U. S. Coast and Geodetic Survey triangulation Stations:

- EASTERN EGG ROCK BEACON, 1934, r., 1943
- HARBOR, 1859, no recovery in 1943

*The position of this triangulation station was transferred from the adjoining map drawing, Survey No. T-5621, on which it had been previously plotted from geographic coordinates, and it has been shown with a full line red acid ink triangle. The positions of all other stations have been plotted on map drawing Survey No. T-5620 from geographic coordinates, and have been shown with full line black acid ink triangles.

RADIAL PLOT:

(N. B.) Refer to a special report on the radial plot for the areas of Surveys Nos. T-5620, T-5621 and T-5622 which will be submitted with the descriptive report for map drawing, Survey No. T-5621.

The two (2) U. S. Coast and Geodetic Survey triangulation stations, "Burrt Island 2, 1934, r. 1943" and Eastern Egg Rock Beacon, 1934, r. 1943, shown on Map Drawing Survey No. T-5620 were held to in the radial plot.

The positions of the secondary points and photograph centers, shown on the map drawing with small double purple ink circles and large green ink circles respectively were determined from the above mentioned radial plot. Their positions are believed to be within the desirable accuracy.

DETAILING:

The shore line and interior culture have been detailed on the map
drawing in accordance with the Director's letters, dated January 12, 1942, and April 1, 1942, pertaining to Project No. CS 272. The area of Survey No. T-5620 is part of Sub-Project No. CS 272-C.

The number of photographs was sufficient for detailing the planimetry shown on the map drawing. The standard symbols recommended by the Washington Office were used to show the planimetry and notes fully describing any deviation therefrom appear either on the map drawing or the overlay sheet. It is believed that by such treatment the features detailed and shown on the map drawing may be clearly interpreted by those concerned.

The field inspection data submitted to this office by Lieutenant Commander Henry O. Fortin was adequate.

Purple and red ink circles indicate positions of points radial plotted which are believed to be relatively strong. Small green ink circles indicate positions of points radial plotted which are believed to be relatively weak.

The area of Survey No. T-5620 is made up of a group of four islands, a few off shore rocky islets and ledges, and the waters of the Muscongus Bay and Atlantic Ocean. The geographic names of the four islands and the offshore ledges are submitted herein.

The general character of the shore line surrounding the islands and islets shown on the map drawing is very rocky. The rock bluffs bordering the mean high-water line range in height from ten to sixty feet. In general, the interior of Burnt and Allen Islands consists of wooded areas grown with brush and trees of the coniferous and deciduous species. The interior of Little Burnt Island and Shark Island consists mainly of grass and rock areas.

Eight (8) buildings have been shown on the map drawing. They are all in the immediate vicinity of the U. S. Coast Guard station, which is located in the northwest section of Burnt Island. The only roads shown on the map drawing are on Allen Island. No field inspection data were submitted for these roads and this compilation office classified the roads as trails. They have been shown with dashed black acid ink lines, and the note "trail" has been added and shown on the map drawing.

The hydrographic signal No. 892, - Old Man Ledge Lighted Whistle Buoy - whose geographic position is approximately latitude 43 Deg. 50.2', and longitude 69 Deg. 19' (from Light List) could not be identified on the office photographs by this compilation office. The buoy as pricked on field photograph No. 7158 by the field inspection party could not be seen either on the office photograph No. 7158 or others. It is believed that this buoy was incorrectly pricked by the field inspection party and that they were evidently misled by a flaw in the photograph. However,
its approximate location has been outlined with a dashed washable green
ink line on the glossy side of the map drawing, and a note has been shown
on the map drawing calling attention to the area involved.

30 MEAN HIGH-WATER LINE:

The mean high-water line was detailed directly from the field in-
spection photographs, and it has been shown with a full heavy-weight black
acid ink line the center of which should be taken as the true position.
The general character of the shore line has been previously discussed in
Paragraph No. 28.

31 LOW-WATER AND SHOAL LINES:

The approximate limits of rock ledge and shoal areas, bordering the
mean high-water line have been detailed on the map drawing in accordance
with the field inspection data, and have been shown with the standard
symbols. The descriptive notes, "Rock Ledge" and "Shoal" have been shown
on the overlay sheet. The above mentioned approximate limits are for use
of hydrographic parties only, and such limits as detailed and shown on
the map drawing should not be accepted as the low-water line.

32 DETAILS OFFSHORE FROM HIGH-WATER LINE:

The positions of prominent offshore rocks awash of no appreciable
area, which were identified by the field inspection party, were radial
plotted and shown with the conventional rock awash symbol in conjunction
with a dotted black acid ink circle. Other offshore rocks, which bare
more than 1½ feet at mean high-water, have also been detailed and shown
on the map drawing. The approximate limits of rock ledges offshore from
the mean high-water line were detailed and shown on the map drawing with a
dashed light-weight black acid ink line. The note "rock ledge" has been
shown on the overlay sheet.

The extent to which offshore rocks bare at mean high-water or mean
low-water have been shown on the overlay sheet.

33 WHARVES AND SHORE LINE STRUCTURES:

No wharves have been shown on the map drawing and the only shore
line structure shown is a boat slip, which is on the northwest shore of
Burnt Island, and in the immediate vicinity of the U. S. Coast Guard
station.

34 LANDMARKS AND AIDS TO NAVIGATION:

The two (2) landmarks listed below were recommended by the field
inspection party. The scaled geographic position of "North Gable of Coast
Guard House" (recoverable topographic station No. 493) as radial plotted,
and its name as submitted by the field inspection party has been submitted
34 LANDMARKS AND AIDS TO NAVIGATION: (Cont'd)

on form No. 567. It has been shown with a 2½ mm. black acid ink circle, in conjunction with its name on the map drawing. The note "landmark" has also been shown on the map drawing, calling attention to the two landmarks.

Two (2) landmarks:

North Gable of Coast Guard House (recoverable topographic station No. 493)

*Lookout Tower, steel, Coast Guard, 38 feet high (Burnt Island 2, 1934, r., 1943, -- U. S. Coast and Geodetic Survey triangulation station.)
+ Radio Tower (Non-reco) from T-5679, Nonragnar island. (see Form 567, above)

*Since this station is a U. S. Coast and Geodetic Survey triangulation station neither its position nor its name has been submitted on form No. 567.

35 HYDROGRAPHIC CONTROL:

The positions of three recoverable topographic stations and forty-nine (49) temporary hydrographic stations have been radial plotted on the map drawing. They have been shown by red or green ink circles on the glossy side of the celluloid map drawing, depending on whether their positions were considered relatively strong or weak, respectively. The recoverable topographic stations have been shown on the dull side of the celluloid map drawing with 2½ mm. black acid ink circles in conjunction with their names. The descriptions of the recoverable topographic stations have been shown on the overlay sheet.

The temporary hydrographic stations have been shown on the dull side of the map drawing with 2½ mm. black acid ink circles, and their descriptions have been shown on the overlay sheet.

The descriptions, sketches and scaled geographic positions of the following three (3) recoverable topographic stations have been submitted on Form No. 524:

Three (3) recoverable topographic stations:

* Bull, 1943, Station is a standard bronze disc stamped "Bull 1943"
+ Wolf, 1943, Station is a standard bronze disc stamped "Wolf 1943"
+ North Gable, Coast Guard House. (Landmark)

+ Radio Tower, steel, red & white Sta.# 695 from T-5679 (Nonragnar)

43° 45' 1478.7 (378') 69° 18' 851.3 (490') am. from 55° 51' Nonragnar
37 JUNCTIONS:

The junction of shoreline and cable crossing area was made with map drawing Survey No. T-5621 to the north, and is in excellent agreement. No junction of interior detail was made at this time because such detail on map drawing Survey No. T-5621 had not been completed.

The meridian (69 Deg. 22' 30") which is the junction between map drawing Surveys Nos. T-5620 and T-5438, passes through all water area and no junction of shore line or interior detail was necessary.

The arc of parallel (43 Deg. 48' 45") which is the junction between map drawing Surveys Nos. T-5620 and T-5679, passes through all water area and no junction of shore line or interior detail was necessary.

Map drawing Survey No. T-8004 joins map drawing Survey No. T-5620 on the east side. Since the detail of the planimetry on map drawing Survey No. T-8004 has not been started, no junction was possible at this time.

38 CABLE CROSSING AREAS:

A cable crossing area was transferred to the map drawing from chart No. 312, by the use of the projector, and has been shown with dashed red acid ink lines. A descriptive note has been shown on the overlay sheet.

39 RECOMMENDATIONS FOR FUTURE SURVEYS:

The planimetry shown on the map drawing is believed to be complete in all details of importance for charting, and no additional surveys are recommended.

It is believed that the probable error in the positions of radial points and well-defined objects along the shoreline and the positions of inland radial points and details of importance does not exceed 10 mm.

40 GEOGRAPHIC NAMES:

A special report on the investigation of geographic names has been previously submitted to the Washington Office by Lieutenant Commander Henry O. Fortin.

A tabulated list of disputed and undisputed geographic names is submitted herein.
44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:


Because of the difference in scale, between the map drawing and above mentioned quadrangle, planimetric detail could not be readily compared. However, the following disagreements were noted:

At approximately latitude 43 Degrees 51' and longitude 69 Degrees 19', Old Woman Ledge could not be identified on the photographs. No field inspection data were submitted for the area. Therefore, the area known as Old Woman Ledge, has not been shown on the map drawing Survey No. T-5620. Do not show on T-5620 3/1/47.

At approximately latitude 43 Degrees 50.3' and longitude 69 Degrees 19', Old Man Ledge could not be identified on the photographs. No field inspection data were submitted for the area. Therefore, the area known as Old Man Ledge has not been shown on map drawing Survey No. T-5620. Do not show on T-5620 3/1/47.

At approximately latitude 43 Degrees 51.3' and longitude 69 Degrees 21.7', Andrew Rocks could not be identified on the photographs. No field inspection data were submitted for the area. Therefore, it has not been shown on map drawing Survey No. T-5620. Do not show on T-5620 3/1/47.

45 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 312, Scale 1:40,000 Published May 1943. Corrected to August 24, 1943.

Because of scale difference between the map drawing and Chart No. 312, planimetric detail could not be readily compared. In general, however, planimetry common to both is in fair agreement, except the following:

See discussion of Old Woman Ledge and Old Man Ledge in Paragraph No. 44.

Chart No. 313, Scale 1:40,000 Published July, 1933; reissued August, 1938; corrected to July 15, 1941.

Because of scale difference between the map drawing and Chart No. 313, planimetric detail could not be readily compared. In general, however, planimetry common to both is in fair agreement, except the following:

See discussion of Andrew Rocks, Old Man Ledge, and Old Woman Ledge in Paragraph No. 44.

Chart No. 1203, Scale 1:80,000. Published June, 1936; reissued April, 1938; corrected to March 23, 1943.

Chart No. 1204, Scale 1:80,000; published March, 1942; corrected
COMPARISON WITH NAUTICAL CHARTS: (Cont'd)

to April 12, 1942.

Because of scale difference between the map drawing and Charts Nos. 1203 and 1204, comparison of planimetric detail could not be readily made. In general, however, planimetry common to all three is in fair agreement, except the following:

For a discussion of Old Woman Ledge, Old Man Ledge, and Andrew Rocks, see Paragraph No. 44.
Respectfully submitted,
September 20, 1943

Harriet H. Merits
Jr. Photogrammetric Aid

Compilation and Descriptive Report
Reviewed by:

Harry R. Ludolph
Sr. Photogrammetric Aid

Supervised by:

Walter E. Schmidt
Asst. Photogrammetric Engineer

Approved and Forwarded
September 22, 1943

Fred. L. Peacock
Chief, Air Photographic Party No. 2
Baltimore, Maryland
This form shall be prepared in accordance with 1934 Field Memoandum, "LANDMARKS FOR CHARTS". Positions of charted

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dated Oct. 20, 1935, Harbor of Baltimore, Maryland

The positions given have been checked after landing.

I recommend that the following objects which have (amended) been inspected from seaward to determine their value as landmarks,

September 15, 1943

LANDMARKS FOR CHARTS.

U.S. COAST AND GEOFIDIC SURVEY

DEPARTMENT OF COMMERCE
GEOGRAPHIC NAMES

(Undisputed)

- Atlantic Ocean
- Allen Island
- Andrew Rocks (if shown)
- Georges Islands
- Muscongus Bay
- Burnt Island
- Little Burnt Island
- Little Egg Rock Shoals
- Old Hump Channel
- Shark Island
- Dry Ledges
- Harpoon Ledge
- Eastern Egg Rock

The following two (2) undisputed geographic names have not been shown on either the map drawing or the overlay sheet. They pertain to features which are within the detail limits of the map drawing, and which have not been detailed because they could not be identified on the photographs and for which no field inspection data were submitted.

- Seal Ledges (if used)
- Old Man Ledge (beacon on it)
- Old Woman Ledge (bar at half tide)

Names preceded by • are approved.

L. Heck
3/5/47
GEOGRAPHIC NAMES

(Disputed)

✓ Little Egg Rock
✓ Seal Ledges

Mosquito Rock
Frog Pond Ledge

The following one (1) disputed geographic name has not been shown on either the map drawing or the overlay sheet. It pertains to features which are within the detail limits of the map drawing, and which have not been detailed because they could not be identified on the photographs and for which no field inspection data were submitted.

✓ Andrew Rocks
✓ Wash Ledges
DATA RECORD
T-5679 (Made as an asset to T-5620)

Quadrangle (II): Monhegan, Maine 15'
Project No. (II): CS 272
Sub-Project: CS 272-G

Field Office:
Air Photographic Party No. 2
Baltimore, Maryland

Chief of Party:
Fred. L. Peacock

Compilation Office:
Air Photographic Party No. 2
Baltimore, Maryland

Chief of Party:
Fred. L. Peacock

Instructions dated (II III):
Jan 12, 1942
Apr 11, 1942

Copy filed in Descriptive Report No. T-__ (VI)

Completed survey received in office: Sept. 1943

Reported to Nautical Chart Section:
Reviewed: June 1946
Applied to chart No. Date:
Redrafting Completed:
Registered:
Compilation Scale: 1:9,700
Published:
Published Scale:
Scale Factor (III): 1.031

Datum Plane (III): Mean Sea Level

Geographic Datum (III): N.A. 1927
Reference Station (III): Monhegan, 1858, r 1943

Lat.: Long.: Adjusted: Corrected to Unadjusted: N.A. 1927
43° 46' 16.21" 500.3 m. 69° 18' 18.55" 414.8m.

State Plane Coordinates (VI): West Zone (p.41)

X = 724,639.89
Y = 340,623.22

Military Grid Zone (VI) ———
PHOTOGRAPHS (III)

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<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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<tr>
<td>6853 to 6855</td>
<td>10/19/41</td>
<td>9:45 a.m.</td>
<td>1:10,000</td>
<td>10.1' above M. L. W.</td>
</tr>
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</table>

Tide from (III): Portland, Maine with time and tide correction to Monhegan Island, Maine, Outer Coast.

Mean Range: 9.3'  
Spring Range: 10.6'

Camera: (Kind or source) U.S. Coast & Geodetic Survey, nine lens camera. (focal length 8½") All negatives are on file in the Washington Office.

Field Inspection by: Lieut. Comdr. Henry O. Fortin  
Field Edit by:  
Date of Mean High-Water Line Location (III): October 19, 1941

Projection and Grids ruled by (III) Washington Office  
BRC - FLT  
" " " checked by: Washington Office  
BRC  
Control plotted by: Ada May Hobine  
Control checked by: Harry R. Rudolph  
Radial Plot by: Walter E. Schmidt  
Detailed by: Harold R. Brooks (Shoreline and interior) (rough draft)  
Reviewed in compilation office by: Harry R. Rudolph  
Elevations on Field Edit Sheet checked by:  

Date: Summer, 1943  
Date:  
Date: August 14, 1943  
Date: August 14, 1943  
Date: August 19, 1943  
Date: August 19, 1943  
Date: August 20, 1943  
Date: Aug. 23 to 30, 1943  
Date: August 30, 1943  
Date:
Land Area (Sq. Statute Miles): 1.07 square statute miles

Shoreline (More than 200 meters to opposite shore): 6½ statute miles

Shoreline (Less than 200 meters to opposite shore): 0.5 statute miles (scaled along center line)

Number of Recoverable Topographic Stations established: by radial intersection - 1

Number of Temporary Hydrographic Stations located by radial plot: 51

Leveling (to control contours) - miles: None

Roman numbers indicate whether the item is to be entered by,

(II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname

and initials (not initials only).

Remarks:
26 CONTROL:

The control plotted on the map drawing consists of three (3) U.S. Coast and Geodetic Survey triangulation stations. These have been shown by the standard triangulation symbol.

The following control stations are within the detail limits of map drawing Survey No. T-5679:

Three (3) U.S. Coast & Geodetic Survey Triangulation Stations

MONHEGAN LIGHT, 1859, r 1933, r 1934, r 1943 ✓
MONHEGAN FOG BELL, 1859, r 1943 ✓
MONHEGAN, 1858, r 1943 ✓

27 RADIAL PLOT:

An individual plot was laid for the area of Survey No. T-5679 by the usual radial method. No celluloid templates were used.

Only three (3) photographs and three (3) U.S. Coast and Geodetic Survey triangulation stations were available.

The identification of the control was adequate.

The three (3) control stations were “held to” in the plot in conjunction with the flight lines.

The positions of all detail points, temporary hydrographic signals, recoverable topographic stations and a landmark, which were radial plotted when the plot was laid, are believed to be within the desirable accuracy except the positions of temporary hydrographic signals and minor detail points, within the area outlined in green ink on the glossy side of the celluloid map drawing. The points within the green area could not be identified 100% on the three (3) photographs and therefore the radial intersections formed a small triangle of error. However, the positions of these relatively weak points are believed to be within an accuracy of 1.5 mm.

28 DETAILING:

The shore line and interior culture have been detailed on the map drawing in accordance with the Director's letters dated January 12, 1942, and April 1, 1942, pertaining to Project No. CS-272. The area of Survey No. T-5679 is part of sub-project No. CS-272-C.

All detail on the map drawing has been shown by the standard symbols recommended by the Washington Office, and notes fully describing any deviation therefrom, appear on the map drawing or overlay sheet, in order that the planimetry may be clearly interpreted by those concerned.
DETAILING: (Cont'd.)

The number of photographs was sufficient for detailing.

The field inspection party identified the bluffs along the shore line as rocky, therefore, the rock bluff symbol was used throughout. The approximate heights of all bluffs have been shown on the overlay sheet in accordance with the submitted field inspection data.

It is believed that all buildings, that are visible on the office photographs, have been shown on the map drawing.

The scales of the photographs and the map drawing were in good agreement.

Red and green ink circles shown on the glossy side of the celluloid map drawing indicate relatively strong and weak positions respectively of minor detail points.

MEAN HIGH WATER LINE:

Since the photographs were taken at approximately the time of high tide, no difficulty was encountered in identifying the M.H.W.Line. The entire shoreline surrounding the islands shown on the map drawing is very rocky.

The mean high water line (firm ground) has been shown by a solid heavy-weight black acid ink line, the center of which should be taken as the true position.

LOW WATER AND SHOAL LINES:

The approximate limits of rocky areas outside the mean high water line (firm ground) have been detailed on the map drawing in accordance with the submitted field inspection data and have been shown with the standard symbols.

DETAILS OFFSHORE FROM HIGH-WATER LINE:

Rocks have been shown in accordance with the submitted field inspection data. The extent to which rocks bare at mean high-water has been shown on the map drawing.

WHARVES AND SHORE LINE STRUCTURES:

Two stone piers and one other landing have been shown on the map drawing in accordance with the submitted field inspection data. There were no other shore line structures.
34 LANDMARKS AND AIDS TO NAVIGATION:

The position of the following landmark was radial plotted and has been submitted on Form 567 (to be charted). It has been shown on the map drawing with \( 2\frac{1}{2} \) mm. black acid ink circle:

Radio Tower, steel, red and white, 125 ft. high (recoverable topographic station)

35 HYDROGRAPHIC CONTROL:

The positions of one recoverable topographic station and fifty-one (51) temporary hydrographic stations have been established by radial intersection and have been indicated by \( 2\frac{1}{2} \) mm. black acid ink circles on the map drawing. Descriptions of both types of stations appear on the overlay sheet. The description and geographic position of the recoverable topographic station No. 695 - Radio Tower, steel, red and white, 125 ft. high, has been submitted on Form 524.

37 JUNCTIONS:

There are no contemporary surveys to the East, South or West of Map Drawing Survey No. T-5679.

To the North, there is no junction of planimetric detail because the junction, which is on the parallel 43° 48' 45", passes through all water area.

T-5679 meet on map T-5679 T-5620

39 RECOMMENDATIONS FOR FUTURE SURVEYS:

The planimetry shown on this map drawing is believed to be complete in all details of importance for charting, and no additional surveys are recommended.

It is believed that the probable error in the positions of radial points and well-defined objects along the shore line is not greater than \( 0.5 \) mm., and that the probable error in the positions of inland radial points and details of importance does not exceed \( 1.0 \) mm. except the positions of rocks and islets in the area outlined in green ink on the map drawing. The probable error of any of these features is believed not to exceed approximately \( 1.5 \) mm.

40 GEOGRAPHIC NAMES:

The geographic names shown on the map drawing are in accordance with the submitted field inspection data.

The areas which are known as "Sunken Duck Rock" and "Gull Rock Ledge" and which are within the detail limits of the map drawing have not been detailed because no field inspection data was submitted and
40 **GEOGRAPHIC NAMES:** (Cont'd.)

because the photographs did not reveal their position. Therefore, the geographic names pertaining to the areas just mentioned do not appear either on the map drawing or on the overlay sheet.

A tabulated list of geographic names is submitted herein.

44 **COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:**


Because of the difference in scale between the map drawing and the above mentioned quadrangle, planimetric detail could not be readily compared. However, no disagreements were apparent.

45 **COMPARISON WITH NAUTICAL CHARTS:**

Chart No. 313, scale 1:40,000, published July 1933, reissued August 1938.

Chart No. 1203, scale 1:80,000, published June 1936, reissued April 1938.

Due to difference in scale, planimetry could not be satisfactorily compared in full detail. In general, however, planimetric detail common to this map drawing and the above mentioned charts, is in fair agreement.
Respectfully submitted 9/3/43

Harold R. Brooks
Senior Engineering Aid

Compilation & Descriptive Report reviewed by

Harry W. Rudolph
Senior Photogrammetric Aid

Supervised by

Walter E. Schmidt
Asst. Photogrammetric Engineer

Approved and Forwarded 9/4/43

Fred L. Peacock
Chief, Air Photographic Party No. 2
Geographic Names
(Undisputed)

- Atlantic Ocean
- Eastern Duck Rock
- Duck Rocks
- Green Point
- Seal Ledges
- Deadman Cove
- Black Head
- White Head
- Burnt Head
- Norton Ledge
- Lobster Point
- Manana Island
- Monhegan Island
- Inner Duck Rock
- Monhegan Harbor
- Smutty Nose Island (new name)

Names preceded by * are approved. L. Heck 3/5/4
Quadrangle (II): Monhegan, Maine (15')

Field Office:
Air Photographic Party No. 2
Baltimore, Maryland

Compilation Office:
Air Photographic Party No. 2
Baltimore, Maryland

Instructions dated (III):
January 12, April 1, 1942

Completed survey received in office: August, 1943

Reported to Nautical Chart Section:

Reviewed: June, 1944

Bedrafting Completed:

Registered:

Compilation Scale: 1:9,700

Scale Factor (III): 1.031

Geographic Datum (III): N.A. 1927
Datum Plane (III): Mean Sea Level

Reference Station (III): Yellow Head 2, 1934, r. 1942

Lat.: 43°51' 26.98" 832.6m. Long.: 69°29' 38.44" 858.6m. Approximate Unadjusted (field)

State Plane Coordinates (VI): East & West Zones.

X =

Y =

Military Grid Zone (VI)
### PHOTOS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>7133</td>
<td>10-20-41</td>
<td>11:38 A.M.</td>
<td>1:10,000</td>
<td>8.7' above M.L.W.</td>
</tr>
<tr>
<td>7157</td>
<td>10-20-41</td>
<td>12:08 P.M.</td>
<td>1:10,000</td>
<td>7.25' above M.L.W.</td>
</tr>
</tbody>
</table>

Predicted tables, reference station, Portland, Maine, with tide from (III); time correction to New Harbor, Muscongus Bay, Maine.

Mean Range: 8.9  
Spring Range: 10.1

Camera: (Kind or source) U. S. Coast & Geodetic Survey nine lens camera (focal length 8½'). All negatives are on file in the Washington Office.

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

Field Edit by:  
date:

Date of Mean High-Water Line Location (III):  
October 20, 1941

Projection and Grids ruled by (III) J. O'Neil-Washington/Office  
date: 7/21/43

" " " checked by: B.R.C.-Washington Office  
date: 7/21/43

Control plotted by: Donald M. Brant  
date: 7/26/43

Control checked by: Abraham L. Goncharsky  
date: 7/26/43

Radial Plot by: Walter E. Schmidt  
date: 8/12/43

Detailed by: Ada May Hobine Shoreline & Interior (Rough Draft)  
date: 8/14/43

Reviewed in compilation office by: Harry R. Rudolph  
date: 8/14/43

Elevations on Field Edit Sheet checked by:  
date:
STATISTICS (III)

Land Area (Sq. Statute Miles): 0.04

Shoreline (More than 200 meters to opposite shore): 0.5 statute miles

Shoreline (Less than 200 meters to opposite shore): none

Number of Recoverable Topographic Stations established: none

Number of Temporary Hydrographic Stations located by radial plot: One

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by,

(II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:
The control plotted and control transferred from adjoining map drawings consists of twelve (12) U.S. Coast & Geodetic Survey triangulation stations. They have been shown with the usual triangulation symbol. One of these stations, Yellow head 2,1934, r. 1943, has been identified by a Field Inspection point (F.I.S. "YEL").

The following control stations fall within the original detail limits of the map drawing:

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

*LOOKOUT HILL, 1866, r. 1942
*YELLOW HEAD, 2, 1934, r. 1943 (identified by F.I.S. YEL)
*McFARLAND'S, THOMAS, HOUSE CHIMNEY, 1866, r. 1943
*EASTERN EGG ROCK BEACON, 1934, r. 1943
*YELLOW HEAD, 1866.

The following control stations fall just outside the original detail limits of the map drawing:

Seven (7) U.S. Coast & Geodetic Survey Triangulation Stations:

*NEW HARBOR, CROSS ON M. E. CHURCH STEEPLE, 1934, r. 1942
*PEMAQUID, 1859
*PEMAQUID, 2, 1934, r. 1942
*DAVIS'S, LUTHER, HOUSE, 1859, (partial recovery in 1942-Old foundation. Shown with a dashed triangle.)
*PEMAQUID LIGHTHOUSE, 1859, 1934, r. 1942
*GULL, 1859, 1934, r. 1943
**CHILD'S CAPT. RO. CUPOLA, 1859, r. 1942

**The position of this station has been transferred from the adjoining map drawing, Survey No. T-5992, on which it had been previously plotted from submitted geographic coordinates, and the station has been shown with a red acid ink triangle on map drawing Survey No. T-5438.

*The positions of these stations have been plotted on the map drawing, Survey No. T-5438, from submitted geographic coordinates, and the stations have been shown with full line black acid ink triangles, except as otherwise noted.

27 RADIAL PLOT:

A radial plot was laid by the usual radial method for the area of Survey No. T-5999. (N.B.) Refer to paragraph No. 27 in the compiler's descriptive report for map drawing Survey No. T-5999 which will be submitted at a later date.
27 RADIAL PLOT: (Cont'd)

The radial plot of the area of Survey No. T-5999 was extended southerly to include the area of Eastern Egg Rock which is a part of the area of Survey No. T-5438. It was necessary to cement a piece of celluloid to map drawing Survey No. T-5999 to include the extended area.

No. celluloid templates were used.

The identification of the control stations was adequate. The number of control stations and photographs were also adequate.

No exceptional difficulty was encountered.

The positions of the centers of photographs Nos. 7133 and 7157 are believed to be within the desirable accuracy and they were transferred from map drawing Survey No. T-5999 to map drawing Survey No. T-5438. Although the positions of these two photograph centers were the only ones available at this time it is believed that if the compiler selects and pricks minor detail points with an exceptional degree of accuracy on Photographs Nos. 7133 and 7157, holds the positions of the photograph centers 100%, and "holds to" the triangulation station Eastern Egg Rock Beacon 100%, the positions of the minor detail points determined by the intersection of two radials will be within the desirable accuracy.

When the area of Eastern Egg Rock is detailed the position of the triangulation station "Eastern Egg Rock Beacon" may be cautiously used as a detail point provided its relief displacement is taken into account.

(N. B. ) Refer to the descriptive report for map drawing Survey No. T-5991 for a discussion of part of the area of Pemaquid Neck which is the remaining area of Survey No. T-5438, and which has been detailed within the extended eastern limits of map drawing Survey No. T-5991.

The positions of all the triangulation stations, in the area of that part of Pemaquid Neck, which is the remaining area of Survey No. T-5438, were conveniently plotted within the extended eastern limits of the area of Survey No. T-5991 from submitted geographic coordinates. The projection sheet for map drawing Survey No. T-5438 was not available when the radial plot for Survey No. T-5991 was laid. The radial plot for the area of Survey No. T-5991 was extended eastwardly to include the area of that part of Pemaquid Neck which is the remaining area of Survey No. T-5438.

It is believed by this compilation office that the positions of all radial points and photograph centers determined by extending eastwardly the radial plot for the area of Survey No. T-5991 to include that part of the area of Survey No. T-5438 just mentioned, were relatively stronger than if their positions had been determined from a radial plot of the complete area of Survey No. T-5438, and it is also believed a certain amount of time was saved by such an extension.
27 Radial Plot: (Cont'd)

The shoreline and interior planimetry within the extended eastern limits of the area of Survey No. T-5991 was detailed (rough draft) in full in accordance with the submitted field inspection data on that map drawing.

(N. B.) Refer to the report of the radial plots for the areas of Surveys Nos. T-5985 to T-5994, inclusive, submitted as an appendix to the compiler's descriptive report for map drawing Survey No. T-5986.

The control stations which do not have r. 1942 or r. 1943 noted after their names were not used to control any of the above mentioned plots.

Paragraph No. 27 Submitted By:

[Signature]
Asst. Photogrammetric Engineer

28 Detailing:

The shoreline and interior of Eastern Egg Rock have been detailed on this map in accordance with the Director's letters dated January 12, 1942, and April 1, 1942, pertaining to Project No. CS-272. The area of Survey No. T-5438 is a part of sub-project No. CS-272-C.

The positions of all radial points were determined from the intersection of two radials and they have been shown with green ink circles on the glossy side of the celluloid map drawing.

All detail on the map drawing has been shown with the standard symbols recommended by the Washington Office.

The projector was used in detailing the shoreline where there was an appreciable scale difference between the photographs and the map drawing.

The extended eastern detail limits of map drawing Survey No. T-5991 has been outlined on map drawing Survey No. T-5438 in red acid ink on the glossy side. For a discussion of this area see Paragraph No. 27.

30 Mean High-Water Line:

The Mean High-Water line (firm ground) has been detailed in accordance with the submitted field inspection data and has been shown with a solid heavy-weight black acid ink line, the center of which should be taken as the true position.
31 LOW-WATER AND SHOAL LINES:

The approximate limits of rock ledges were detailed in accordance with the submitted field inspection data, and have been shown with dashed high-weight black acid ink lines. The note "Rock Ledge" has been shown on the map drawing. The approximate limits of rock ledges as detailed and shown on the map drawing, are for the use of hydrographic parties only. These limits should not be accepted as an accurate determination of their positions.

35 HYDROGRAPHIC CONTROL:

The position of one (1) temporary hydrographic station has been radial plotted on the map drawing and it has been shown with a green ink circle on the glossy side of the celluloid map drawing, indicating that the position was determined by the intersection of two radials.

The temporary hydrographic station has been shown on the dull side of the celluloid map drawing with a 23 mm. black acid ink circle.

The number and description of the temporary hydrographic station has been shown on the map drawing.

37 JUNCTIONS:

The only planimetry detailed on the map drawing is of the area known as Eastern Egg Rock, which is wholly within the detail limits and therefore it was not necessary to consider planimetric junctions with the other surveys to the north, east, or west. There is no contemporary survey to the south. T-54-38 make a tie with existing extension. T-54-24.

40 GEOGRAPHIC NAMES:

No investigation of geographic names by the field inspection party, for the area of Eastern Egg Rock and vicinity, has been submitted as of August 16, 1943. However, a tabulated list of geographic names compiled from Charts Nos. 513 and 1204 and the U.S.G.S. 15' quadrangle of Monhegan is submitted herein and the names have been shown on the map drawing unless otherwise noted in the list.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:


Because of difference in scale between the map drawing and the above mentioned quadrangle, planimetric detail could not be readily compared. However, planimetry common to both is in fair agreement.
15 COMPARISON WITH NAUTICAL CHARTS:

Chart No. 313, Scale 1:40,000, published July, 1933, reissued August, 1938.

Chart No. 1204, Scale 1:30,000, published March, 1942.

Because of difference in scale between the map drawing and the above mentioned charts, planimetric detail could not be readily compared. However, planimetry common to both is in fair agreement.

Respectfully submitted,
August 16, 1943

Ada May Hobine
Jr. Photogrammetric Aid

Compilation & Descriptive Report
Reviewed by:

Harry W. Rudolph
Sr. Photogrammetric Aid

Supervised by:

Walter E. Schmidt
Asst. Photogrammetric Engineer

Approved & Forwarded:
August 17, 1943

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

Undisputed

Atlantic Ocean

Eastern Egg Rock

Muscogus Bay

Old Hump Channel

The following five (5) undisputed geographic names have not been shown on the map drawing. They pertain to features within the detail limits of the map drawing which have not been detailed because they could not be identified on the photographs, and no field inspection data were submitted for them.

Five (5) Undisputed Names

Egg Rock N. Ledge

Egg Rock S. Ledge

New Harbor Sunken Ledge

Pumpkin Cove Ledge

South Ledge
EASTERN EGG ROCK

Approximate Limits

Boreas, 1934, 1943

M.H.W. 15' above

Rocky shore

10' elevation rock

West end of island

94° 22' 30" latitude

4° 52' latitude
652. TOP CENTER. LARGE, FLAT BLACK ROCK ON N.W. END OF ROCKY ISLAND, WASHBOARD ON TOP. SMOOTH ROUNDED EDGES. GROOVES IN BLACK ROCK TO N. 7.ABOVE M.W. SIG. SITE.

653. SMALL POINTED ROCK ON HIGH PART OF ROCKS ON S.E. SIDE OF ISLAND. M. OF CUT IN ROCKS. WASHBOARD ON ROCK. 15' ABOVE M.W. SIG. SITE.

654. N.W. CORNER OF STONE PIER WITH LIFT IN MIDDLE. 15' ABOVE M.W. SIG. SITE.

655. CUPOLA OF "ISLAND INN" LARGE 3 STORY BLOCK. FLAG ON TOP. GEAR WITH GREEN TRIMMINGS. TO ABOVE M.W. TOPO SITE.

656. W. GABLE. DARK SHINGLED HOUSE. GABLES ON E. END. 30' ABOVE M.W. TOPO SITE.

657. GABLE. GRAY SHINGLED HOUSE WITH SMALL WINDOW ON E. SIDE. ON 3RD FLOOR.

658. CHIMNEY ON S. END OF GRAY SHINGLED HOUSE WITH 3 DORMER WINDOWS ON N. SIDE. BRICK CHIMNEY. CONCRETE TOP. 40' ABOVE M.W. TOPO SITE.

659. DORMER WINDOW ON S. END OF HOUSE. WHITE PILLARS AND WHITE RAILING ON PORCH. 45' ABOVE M.W. TOPO SITE.

660. GABLE. GRAY HOUSE. WHITE PILLARS ON PORCH AND GREEN LATTICE WORK BELOW.

661. TO TOP OF CHIMNEY. 15' ABOVE M.W. SIG. SITE.

662. 2'S. BUSHY TREE W. OF CREVICE AT EDGE OF GRASS LINE. 45' ABOVE M.W. SIG. SITE.

663. WHITE WASHBOARD ON HIGH PART OF S. END OF GROUP OF LARGE OFFSHORE ROCKS. 55' ABOVE M.W. SIG. SITE.

664. POINT ON TOP OF CREVICE. W. OF WHITE QUARTZ ROCKS IN BLACK ROCK. 55' ABOVE M.W. SIG. SITE.

665. S.W. END OF KNOLL ON HIGH PART OF ROCK ON EDGE OF BLUFF. 60' ABOVE M.W. SIG. SITE.

666. W. GABLE. WHITE HOUSE. DOUBLE WINDOWS ON N.E. SIDE. 65' ABOVE M.W. TOPO SITE.

667. LIGHT BOULDER ON EDGE OF GRASS LINE, AT TOP OF GROOVE, 30' ABOVE M.W. SIG. SITE.

668. PORCH ON S.W. SIDE OF LARGE BLACK BOULDER. 20' LAYSING ON TOP OF BLACK BOULDER. 12' ABOVE M.W. SIG. SITE.

669. MOST SOUTHERLY TREE ON S. SIDE OF HILL. 100' ABOVE M.W. SIG. SITE.

670. W. GABLE. GRAY HOUSE ON TOP OF HILL. WHITE TRIMMED WINDOWS, DORMER WINDOWS. 130' ABOVE M.W. TOPO SITE.

671. TOP POINT OF WHITE FACED ROCKS ON W. SIDE. 20' ABOVE M.W. SIG. SITE.

672. TOP OF LARGE ROCK. E. OF CREVICE. 15' IN SHORE. 12' ABOVE M.W. SIG. SITE.

673. LONE 30' BROWNISH SPRUCE ON EDGE OF GRASS LINE. W. OF CREVICE. 45' ABOVE M.W. SIG. SITE.

674. EDGE OF GRASS LINE AT HEAD OF CREVICE WITH WHITE FACED ROCKS. SMALL TREE AT HEAD OF CREVICE. 35' ABOVE M.W. SIG. SITE.

675. LARGE STAND OF TREES TO N. OF CREVICE. 35' ABOVE M.W. SIG. SITE.

676. GRASS PATCHED ON ROCKS BEHIND TREE. 80' ABOVE M.W. SIG. SITE.

677. LONE 2'S. TREE ON SIDE OF BLUFF MOST SOUTHERLY OF TWO TREES. OTHER ONE BEING ABOUT 10 METERS TO THE N. 140' ABOVE M.W. SIG. SITE.

678. EDGE OF WHITE QUARTZ LINE AT N. EDGE OF CREVICE. 15' STRIP OF QUARTZ CONTINUES S. OF CREVICE. 45' ABOVE M.W. SIG. SITE.

679. LONE 30' BUSHY SPRUCE ON SIDE OF HILL. RAINIER TO N. 15' ABOVE M.W. SIG. SITE.

680. TOP CENTER OF ROUND KNOLL ROCK WITH GRASS ON TOP. W. OF CREVICE. 25' ABOVE M.W. SIG. SITE.

681. LONE 2'S. SCRAWLONY TREE ON SIDE OF HILL, LARGE BOULDER JUST OUT OF GROUND ALL AROUND. 35' ABOVE M.W. SIG. SITE.

682. TWO TREES AT S.W. END OF LINE. 25' SPRUCE AT S.W. CORNER OF BIGHT. M. OF GROUP OF THREE TREES. 35' ABOVE M.W. SIG. SITE.

683. LARGER, MOST SOUTHERLY WHITE BOULDER AT H.W. LINE. 35' ABOVE M.W. SIG. SITE.

684. OUTER LONE TREE. BUSHY 10' SPRUCE. 25' ABOVE M.W. SIG. SITE.

685. FIREWALL TO N. OF LARGE BOULDER. AWASH AT N. 55' ABOVE M.W. SIG. SITE.

686. HIGH PART OF N.W. END OF LARGE OFFSHORE ROCK. SCATTERED WEEDS GROWING OUT OF ROCK. 60' ABOVE M.W. SIG. SITE.

687. W. GABLE. 2 STORY NARROW GRAY SHINGLED HOUSE. 30' ABOVE M.W. TOPO SITE.

688. W. GABLE. LIGHT GRAY "L" SHAPED HOUSE. LATTICE WORK AT BASE. 35' ABOVE M.W. TOPO SITE.

689. N. GABLE. LIGHT GRAY SHINGLED HOUSE. WHITE PILLARS AND RAILING. 30' ABOVE M.W. TOPO SITE.

690. W. GABLE. GRAY SHINGLED HOUSE. GREEN TRIMMINGS. 35' ABOVE M.W. TOPO SITE.

691. E. GABLE. GRAY SHINGLED HOUSE. SMALL WINDOW ON E. SIDE. 30' ABOVE M.W. TOPO SITE.

692. G. GABLE. COASTGUARD BOATHOUSE. BY LANDING ON N.E. SIDE OF ISLAND. 35' ABOVE M.W. TOPO SITE.

693. MIDDLE OF GROUP OF TREES ON HILL ON E. SIDE OF ISLAND. 25' ABOVE M.W. SIG. SITE.

694. FLAT ROCK ON EDGE OF S. CLIFF. 5' OF CREVICE. GUARD ON TOP. 60' ABOVE M.W. SIG. SITE.

695. BASE RADIO TOWER, CENTER OF ISLAND STEEL. 125' TALL RED AND WHITE. 75' ABOVE M.W. LANDMARK.

696. 2'S. ROCK ON S. SIDE OF ISLAND. 20' ABOVE M.W. SIG. SITE.

697. POINT OF SMALL ROCK RUNNING N.-S. GUARD ON TOP. MOP GROVE. 40' ABOVE M.W. SIG. SITE.

698. LARGE BLACK ROCK, SEPARATED FROM REST BY GROOVE ON N.W. SIDE OF ISLAND. 7' ABOVE M.W. SIG. SITE.

699. FRINGE ROCK ON TOP OF HIGH PART OF ISLAND. 15' ABOVE M.W. SIG. SITE.

700. S'S. ROCK CAIRN NEAR CENTER OF ISLAND. 15' ABOVE M.W. SIG. SITE.

701. HIGH PART OF ISLAND. TOP OF ROCK JUST W. OF "L" SHAPED CONE. 10' ABOVE M.W. SIG. SITE.

702. BLACK SLATTED 17' TRIPOD BEACON. CENTER OF BASE. 6' ABOVE M.W. SIG. SITE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>237</td>
<td>Southwest end of jagged ledge North of beach</td>
<td>8'</td>
</tr>
<tr>
<td>471</td>
<td>Northeast corner of island, tip of grass</td>
<td></td>
</tr>
<tr>
<td>472</td>
<td>Two 4 ft. boulders West side of island near top.</td>
<td>25'</td>
</tr>
<tr>
<td>473</td>
<td>Top part of brown rock just back of ledge, Southwest side of island</td>
<td>3'</td>
</tr>
<tr>
<td>475</td>
<td>Most northerly of group of spruces</td>
<td>25'</td>
</tr>
<tr>
<td>476</td>
<td>White rock on side of hill 40 ft. inshore from grassline</td>
<td>18'</td>
</tr>
<tr>
<td>477</td>
<td>Top, center grey rock, brown spot on side Northeast end of rocky reef.</td>
<td>6'</td>
</tr>
<tr>
<td>478</td>
<td>Pointed, large, brown rock, pointed south</td>
<td>8'</td>
</tr>
<tr>
<td>479</td>
<td>Top center of rock on high part of south end of island</td>
<td>16'</td>
</tr>
<tr>
<td>480</td>
<td>V-shaped rock Southwest end of island, 30 ft. West of white-faced rock.</td>
<td>15'</td>
</tr>
<tr>
<td>481</td>
<td>Lone, 30 ft. spruce South of park. Stone fence at base of tree.</td>
<td>45'</td>
</tr>
<tr>
<td>482</td>
<td>Top of brown, rounded rock on rocky point 15 ft back of high water</td>
<td>6'</td>
</tr>
<tr>
<td>483</td>
<td>30 ft. spruce with smaller trees around to the N. E.</td>
<td>40'</td>
</tr>
<tr>
<td>484</td>
<td>Lone 20 ft. spruce, edge of grass line southwest of small shed</td>
<td>30'</td>
</tr>
<tr>
<td>485</td>
<td>35 ft. lone spruce stump on side with limbs sticking out at West of tree</td>
<td>40'</td>
</tr>
<tr>
<td>486</td>
<td>High point of Northeast end of dark rock</td>
<td>15'</td>
</tr>
<tr>
<td>487</td>
<td>Top center of ledge at high water on E. of rock point</td>
<td>0'</td>
</tr>
<tr>
<td>488</td>
<td>Top, center of black rock</td>
<td>6'</td>
</tr>
<tr>
<td>489</td>
<td>Small lookout shack on top of hill</td>
<td>50'</td>
</tr>
<tr>
<td>491</td>
<td>Top of point of rock which drops down sharp on Northeast point of island</td>
<td>6'</td>
</tr>
<tr>
<td>490</td>
<td>Top of point of brown rock, gully to west</td>
<td>25'</td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
<td>Height</td>
</tr>
<tr>
<td>-----</td>
<td>-----------------------------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>122</td>
<td>Top center of ledge offshore on Southeast end of island.</td>
<td>1'</td>
</tr>
<tr>
<td>203</td>
<td>Black rock with point headed Northwest on south side of island. Crevice line just North.</td>
<td>3'</td>
</tr>
<tr>
<td>205</td>
<td>Southeast high part of ledge, green and orange moss covers it.</td>
<td>0'</td>
</tr>
<tr>
<td>206</td>
<td>Top center of dome-like ledge</td>
<td>20'</td>
</tr>
<tr>
<td>207</td>
<td>Southeast corner of grass patch</td>
<td>5'</td>
</tr>
<tr>
<td>208</td>
<td>Brown, loose rock toward Southeast side.</td>
<td>1'</td>
</tr>
<tr>
<td>209</td>
<td>White 6 ft. boulder</td>
<td>2'</td>
</tr>
<tr>
<td>210</td>
<td>North 15 ft. spruce of two</td>
<td></td>
</tr>
<tr>
<td>211</td>
<td>Top of square-faced (left) and pyramid shaped bluff (right)</td>
<td>25'</td>
</tr>
<tr>
<td>212</td>
<td>Tree leaning over to the North east (50' East of dead tree front of small clearing)</td>
<td></td>
</tr>
<tr>
<td>213</td>
<td>High end of V-shaped ledge South of bight.</td>
<td>8'</td>
</tr>
<tr>
<td>214</td>
<td>High-water rock with orange discolorings.</td>
<td>0'</td>
</tr>
<tr>
<td>215</td>
<td>High part of ledge with crevice on each side.</td>
<td>3'</td>
</tr>
<tr>
<td>216</td>
<td>East tip of shrubbery on point</td>
<td>10'</td>
</tr>
<tr>
<td>217</td>
<td>Green, bushy 15 ft. tree at head of bight</td>
<td></td>
</tr>
<tr>
<td>218</td>
<td>Center of bunch of 18 ft. trees on point, northeast of clearing.</td>
<td></td>
</tr>
<tr>
<td>219</td>
<td>30 ft. spruce, in front of green undergrowth.</td>
<td></td>
</tr>
<tr>
<td>220</td>
<td>25 ft. spruce, 30 feet left from pebbly beach at edge of vegetation</td>
<td></td>
</tr>
<tr>
<td>221</td>
<td>35 ft. large bushy spruce on point</td>
<td></td>
</tr>
<tr>
<td>222</td>
<td>4 ft. white boulder</td>
<td>10'</td>
</tr>
<tr>
<td>223</td>
<td>Bushy, 10 ft. spruce on hillside with rocks around trunk</td>
<td></td>
</tr>
<tr>
<td>224</td>
<td>West corner of grass between two pebbly beaches</td>
<td>2'</td>
</tr>
<tr>
<td>225</td>
<td>Point of grass North of rock pile</td>
<td>1'</td>
</tr>
<tr>
<td>226</td>
<td>4 ft. tree on hillside with rocks. Ledge beneath it</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
<td>Distance</td>
</tr>
<tr>
<td>-----</td>
<td>------------------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>492</td>
<td>Lone, 30 ft. bushy spruce, dead fallen trees behind</td>
<td>30'</td>
</tr>
<tr>
<td>494</td>
<td>40 ft., slender spruce North of 20 ft. spruce near edge of grass line</td>
<td>15'</td>
</tr>
<tr>
<td>495</td>
<td>North tip of jagged black rock Northeast of small shed and west of light, whale-back rock.</td>
<td>6'</td>
</tr>
</tbody>
</table>
Division of Photogrammetry
Review Report of
Planimetric Map Manuscript T-5620

Subject numbers not used in this report have been adequately covered in other parts of the descriptive report.

28 Delineation

Monhegan Island (T-5679) which lies about 5½ minutes south of the land areas of T-5620 has been added as an insert to T-5620. Eastern Egg Rock (T-5438) which lies immediately west of T-5620 has been added as a westward extension to T-5620.

The shoreline of Shark Island was revised from a high water photograph. The original compilation had been delineated from a low water photograph and the shoreline had been shown too far offshore.

42 Comparison with Contemporary Hydrographic Survey

<table>
<thead>
<tr>
<th>H-6960</th>
<th>1:10,000</th>
<th>1944</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-6992</td>
<td>1:10,000</td>
<td>1944</td>
</tr>
</tbody>
</table>

(Monhegan Island)

Ledges surrounding islands are more extensive on the hydrographic surveys than on the map manuscript.

Old Woman Ledge, Old Man Ledge and Andrew Rocks shown on the hydrographic surveys do not appear on the map manuscript. These features are not visible on the photographs.

43 Comparison with Previous Surveys

<table>
<thead>
<tr>
<th>T-960</th>
<th>1:20,000</th>
<th>1864</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-1001</td>
<td>1:20,000</td>
<td>1864</td>
</tr>
<tr>
<td>T-1002</td>
<td>1:20,000</td>
<td>1865</td>
</tr>
</tbody>
</table>

Common features in common areas on these surveys are superseded by the map manuscript.

45 Comparison with Nautical Charts

| Chart No. 312 | 1:40,000 | August 1945 | 8th edition |
| Chart No. 313 | 1:40,000 | September 1945 | 9th edition |

51 Application to Nautical Charts

This map manuscript has not been applied to nautical charts at the date of review.
Reviewed by: Lena T. Stevens 6/7/46

Under the direction of: A.V. Griffith
Chief, Review Section

Approved by: J.G. Jones 11/46
Technical Asst. to Chief, Division of Photogrammetry

E.D. Miller
Chief, Nautical Chart Branch Division of Charts

Chief, Div. of Photogrammetry Acting

Chief, Div. of Coastal Surveys