

5620

Diag'd. on Diag. Ch. No. 1203 & 1204-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. _____ Office No. T-5620 (with T-5629
Nine-lens photos, Oct 19-21, 1941 as insert
25438 as
extension)

LOCALITY

State Maine

General locality Coast of Maine

Locality Burnt Island - Little Burnt Island

Little Egg Rock - Shark Island - Allen Island

Montezum I - 1943 Eastern Egg Rock.

CHIEF OF PARTY

Fred. L. Peacock

LIBRARY & ARCHIVES

DATE November 5, 1948

9-1870-1 (1)

5620

applied to Recruits. 313 10/28/46 GHE

DATA RECORD

T-5620 (Includes T-5679 & T-5638)

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

Project No. (II):

CS 272, Sub-Project CS 272 C

Field Office:

Air Photographic Party No. 2

Baltimore, Maryland

Compilation Office:

Air Photographic Party No. 2

Baltimore, Maryland

Instructions dated (II III):

January 12, 1942; April 1, 1942

Chief of Party:

Fred. L. Peacock

Chief of Party:

Fred. L. Peacock

Copy filed in Descriptive

~~Report No. T~~ (VI)Div. of Photogrammetry
Office Files.

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: *Def.* ~~Sept. 1948~~

Published: Nov. 1947

Compilation Scale: 1:9700

Published Scale: 1/10000

Scale Factor (III): 1.031

Geographic Datum (III):

N. A. 1927

Datum Plane (III): ^{High Water} Mean Sea Level

Reference Station (III): Burnt Island 2, 1934 (D.M.) r., 1943

Lat.: 43 Deg. 51' 57.479"
1774.0 (77.8)m.Long.: 69 Deg. 17' 42.482"
948.6 (391.2)m.Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): West Zone (p. 43)

East & West Zones
Shown on Manuscript.

X = 729,853.00

Y = 377,588.48

Military Grid Zone (VI)

Not shown.

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
7157 -	10/20/41	12:08 P.M.	1:10,000	7.1' above MLW
7158	10/20/41	12:11 P.M.	1:10,000	7.0' above MLW
7159	10/20/41	12:15 P.M.	1:10,000	6.6' above MLW
7160	10/20/41	12:16 P.M.	1:10,000	6.4' above MLW
7220	10/21/41	10:17 A.M.	1:10,000	11.2' above MLW
6856	10/19/41	9:45 A.M.	1:10,000	10.2' above MLW
6857	10/19/41	9:45 A.M.	1:10,000	10.2' above MLW

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
camera (focal length, 8 1/4")

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 date: Aug. 14, 1943

B. R. C.-J. T. B.

" " " checked by: B. R. C. date: Aug. 14, 1943

Control plotted by: Mary Kl Olthouse date: Aug. 19, 1943

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

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

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

Reviewed in compilation office by: Harry R. Rudolph date: September, 1943

Elevations on ^{Map Manuscript} Field Edit Sheet date:
checked by: _____

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 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: T-5620 has been extended eastward to include Eastern Egg
Rock, formerly planned as a part of T-5438.
Honhegan and its neighboring islands (formerly T-5879)
is an insert upon sheet T-5820.
LTS.

26 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.

27 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, "Burnt 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.

28 DETAILING:

The shore line and interior culture have been detailed on the map

X = 729,639.89 [p. 43]
Y = 340,623.2 [Coordinate]
Zone
+ T-5620:
✓ Monhegan 1859, r. 1943 (recovery care # 2140) 2142
✓ Monhegan Lt. 1859, r. 1943 2141
✓ Monhegan Egg Rock 1859, r. 1943
+ T-5438:
✓ Eastern Egg Rock Beacon 1934, r. 1943
L.T.S.

28 DETAILING: (Cont'd)

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, *see* 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. *"Remarks" P. 2 This report.*

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. *+ Many buildings on island (T-5620)*

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,

28 DETAILING: (Cont'd)

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 inspection 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 $1\frac{1}{2}$ 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. *Transferred to manuscript*

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 $2\frac{1}{2}$ 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 (Honouliuli Id) from T-5279 - Honouliuli inst. (see TP 35, below)

*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 $2\frac{1}{2}$ mm. black acid ink circles in conjunction with their names. The descriptions of the recoverable topographic stations have been shown on the overlay sheet.

Plus 1 (122) on Eastern Egg Rock extension of map manuscript.

The temporary hydrographic stations have been shown on the dull side of the map drawing with $2\frac{1}{2}$ 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"	Sta # 238
✓ Wolf, 1943, Station is a standard bronze disc stamped "Wolf 1943"	Sta # 204
✓ North Gable, Coast Guard House. (Landmark)	Sta # 493

Filled under T-5220

✓ + Radio Tower, steel, red + white Sta # 695 from T-5679 (Honouliuli)
43° 45' 1473.7 (378.1) - 69° 19' 851.4 (490.7) d.m. fm Sta Honouliuli

copy of form 567 transferred from "Hydrographic Copy" of Desc. Report. L.T.S. May 1946

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.

Eastern Egg Rock (T-5438) has been made a part of T-5620.

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. *Water only.*

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 1.0 mm.

40 GEOGRAPHIC NAMES:

A special report on the investigation of geographic names has been previously submitted to the Washington Office by Lieutenant Commander *914* ✓ Henry O. Fortin.

A tabulated list of disputed and undisputed geographic names is submitted herein.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Monhegan Quadrangle (15') U. S. G. S. Scale 1:62,500; edition of May, 1906, reprinted 1921.

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 5620 3/11/47*

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 5620 3/11/47*

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 3/11/47*

Transferred to
H-6969 + 11
LTS. 6/1946

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

45 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. Moritz
Harriet H. Moritz
Jr. Photogrammetric Aid

Compilation and Descriptive Report
Reviewed by:

Harry R. Rudolph
Harry R. Rudolph
Sr. Photogrammetric Aid

Supervised by:

Walter E. Schmidt
Walter E. Schmidt
Asst. Photogrammetric Engineer

Approved and Forwarded
September 22, 1943

Fred. L. Peacock
Fred. L. Peacock
Chief, Air Photographic Party No. 2
Baltimore, Maryland

TO BE CHARTED
~~TO BE CHARTED~~ } STRIKE OUT ONE

September 15, 1943

Chief of Party.

Scaled by:	H. Moritz
Checked by:	H. R. Rudolph

U. S. GOVERNMENT PRINTING OFFICE 16-27860-1

GEOGRAPHIC NAMES

(Undisputed)

See also other list
for Monhegan I. area

- . 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 (bare at half tide)

Names preceded by . are
approved. L. Heck
3/5/47

GEOGRAPHIC NAMES

(Disputed)

✓ Little Egg Rock

Mosquito Rock

✓ Seal Ledges

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 Insert 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**April 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:

Published:

Compilation Scale: 1:9,700

Published Scale:

Scale Factor (III): 1.031

Geographic Datum (III): N.A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): Monhegan, 1858, r 1943

Lat.:

43° 46' 16.21" 500.3 m.

Long.:

69° 18' 18.55" 414.8m.

~~Adjusted~~ Corrected to
~~Unadjusted~~ N.A. 1927State Plane Coordinates (VI): *West Zone (p. 43)*X = *724,633.89*Y = *340,623.22*

Military Grid Zone (VI) _____

PHOTOGRAPHS (III)

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

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 8 $\frac{1}{4}$ ") 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 19, 1941

Projection and Grids ruled by (III) Washington Office
BRC - FLT

date: August 14, 1943

" " " checked by: Washington Office
BRC

date: August 14, 1943

Control plotted by: Ada May Hobine

date: August 19, 1943

Control checked by: Harry R. Rudolph

date: August 19, 1943

Radial Plot by: Walter E. Schmidt

date: August 20, 1943

Detailed by: Harold R. Brooks (Shoreline and interior)
(rough draft)

date: Aug. 23 to 30, 1943

Reviewed in compilation office by: Harry R. Rudolph

date: August 30, 1943

Elevations on Field Edit Sheet
checked by: —

date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 1.07 square statute miles

Shoreline (More than 200 meters to opposite shore): $6\frac{1}{2}$ 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 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:

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:

Now T-5620

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.

28 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.

30 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.

31 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.

32 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.

33 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 a $2\frac{1}{2}$ 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, ^(landmark) 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 $43^{\circ} 48' 45''$, passes through all water area.

T-5679 made as an insert to 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.

814✓

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:

Monhegan Quadrangle (15') U.S.G.S., scale 1:62,500, edition 1906, reprinted 1921.

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
Harold R. Brooks
Senior Engineering Aid

Compilation & Descriptive
Report reviewed by

Harry R. Rudolph
Harry R. Rudolph
Senior Photogrammetric Aid

Supervised by

Walter E. Schmidt
Walter E. Schmidt
Asst. Photogrammetric Engineer

Approved and Forwarded 9/4/43

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

Geographic Names
(Undisputed)

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

Names preceded by • are
approved L. Heck 3/5/4)

DATA RECORD

T-5438 (*Made as a western extension of T-5620*)

Quadrangle (II):

Monhegan, Maine (15')

Project No. (II): CS-272

Sub-Proj. CS-272 C

Field Office:

Air Photographic Party No. 2

Baltimore, Maryland

Compilation Office:

Air Photographic Party No. 2

Baltimore, Maryland

Instructions dated (II III):

January 12, April 1, 1942

Chief of Party:

Fred. L. Peacock

Chief of Party:

Fred. L. Peacock

Copy filed in Descriptive
Report No. T- (VI)Completed survey received in office: *August, 1943*

Reported to Nautical Chart Section:

Reviewed: *June, 1944*

Applied to chart No.

Date:

Redrafting Completed:

Registered:

Published:

Compilation Scale: 1:9,700

Published Scale:

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. ~~Adjusted~~
Unadjusted
(field)State Plane Coordinates (VI): *East & West Zones.*

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

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

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 $8\frac{1}{4}$). 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): .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;

26 CONTROL:

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. "YELⁿ").

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 ✓ *This is only station listed here that falls within T-5620*
- *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. HO. 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:

Walter Schmidt
Asst. Photogrammetric Engineer

28 DETAILING:

The shoreline and interior of Eastern Egg Rock have been detailed on this 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-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 light-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 $2\frac{1}{2}$ 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-5438 made on the Western extending T-5620.*

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. 313 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:

Monhegan, Maine (15') Quadrangle, U. S. G. S., Edition of May 1906, reprinted 1921, Scale 1:62,500.

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.

45 COMPARISON WITH NAUTICAL CHARTS:

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

Chart No. 1204, Scale 1:80,000, 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
Ada May Hobine
Jr. Photogrammetric Aid

Compilation & Descriptive Report
Reviewed by:

Harry R. Rudolph
Harry R. Rudolph
Sr. Photogrammetric Aid

Supervised by:

Walter E. Schmidt
Walter E. Schmidt
Asst. Photogrammetric Engineer

Approved & Forwarded:
August 17, 1943

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

GEOGRAPHIC NAMES

Undisputed

Atlantic Ocean

✓ Eastern Egg Rock

✓ Muscoongus 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

69° 24'

69° 23'

69° 22' 30"

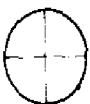
+3' 2"

43' 52'

69° 24'

69° 23'

69° 22' 30"



Approximate limits
of rock ledge
Bares 15' above
M.H.W.



EASTERN EGG ROCK
BEACON, 1034, 1943

EASTERN EGG ROCK

10' sloping rock

No. 122 Top center of ledge offshore
on SE end of island

T-5438

3' 5"

51'



10'

Hydrographic Signals, Montserrat Id area

652. TOP CENTER, LARGE, FLAT BLACK ROCK ON N.W. END OF ROCKY ISLAND, GUANO ON TOP. SMOOTH ROUNDING EDGES GROOVES IN BLACK ROCK TO N. 7' ABOVE M.H.W. SIG. SITE.
653. SMALL POINTED ROCK ON HIGH PART OF ROCKS ON S.E. SIDE OF ISLAND, N. OF CUT IN ROCKS. GUANO ON ROCK. 15' ABOVE M.H.W. SIG. SITE
654. N.W. CORNER OF STONE PIER WITH LIFT IN MIDDLE. 5' ABOVE M.H.W. SIG. SITE.
655. CUPOLA OF "ISLAND INN" LARGE 3 STORY BLDG FLAG ON TOP. GRAY WITH GREEN TRIMMINGS. 70' ABOVE M.H.W. TOPO SITE.
656. W GABLE DARK SHINGLED HOUSE WITH CHIMNEY ON E. END. 30' ABOVE M.H.W. TOPO. SITE
657. W GABLE GRAY SHINGLED HOUSE WITH SMALL WINDOW ON E. SIDE ON 3RD FLOOR. 35' ABOVE M.H.W. TOPO. SITE
658. CHIMNEY ON S END OF GRAY SHINGLED HOUSE WITH 3 DORMER WINDOWS ON W. SIDE. STONE CHIMNEY, CONCRETE TOP. 40' ABOVE M.H.W. TOPO SITE.
659. DORMER WINDOW ON S END OF HOUSE WITH WHITE PILLARS AND WHITE RAILING ON PORCH. 65' ABOVE M.H.W. TOPO. SITE.
660. E. GABLE GRAY HOUSE, WHITE PILLARS ON PORCH AND GREEN LATTICE WORK BELOW PORCH. 50' ABOVE M.H.W. TOPO SITE.
661. 30' LONE BUSHY SPRUCE TREE, SMALLER TREES TO N. AT BASE OF SLOPING HILL 35' ABOVE M.H.W. SIG. SITE.
662. 25' BUSHY TREE W. OF CREVICE AT EDGE OF GRASS LINE. 45' ABOVE M.H.W. SIG. SITE
663. WHITE GUANO SPOT ON HIGH PART OF S. END OF GROUP OF LARGE OFFSHORE ROCKS. 5' ABOVE M.H.W. SIG. SITE
664. POINT ON TOP OF CREVICE, W. OF WHITE QUARTZ ROCKS IN BLACK ROCK 35' ABOVE M.H.W. SIG. SITE.
665. S.W. END OF KNOB ON HIGH PART OF ROCK ON EDGE OF BLUFF. 60' ABOVE M.H.W. SIG. SITE.
666. E. GABLE WHITE HOUSE, DOUBLE WINDOWS ON N.E. SIDE. 55' ABOVE M.H.W. TOPO SITE
667. LIGHT BOULDER ON EDGE OF GRASS LINE AT TOP OF GROOVE OF ROCKS. 20' ABOVE M.H.W. SIG. SITE.
668. TOP CENTER, 15 LONG BLACK BOULDER GUANO ON TOP, LAYING ON TOP OF BLACK LEDGE. 12' ABOVE M.H.W. SIG. SITE
669. MOST SOUTHERLY TREE ON SIDE OF HILL. 100' ABOVE M.H.W. SIG. SITE.
670. N GABLE OF GRAY HOUSE ON TOP OF HILL, WHITE TRIMMED WINDOWS, DORMER WINDOW ON E. SIDE. 120' ABOVE M.H.W. TOPO SITE.
671. TOP POINT OF WHITE FACED ROCKS ON W. SIDE. 60' ABOVE M.H.W. SIG. SITE.
672. TOP OF LARGE ROCK, E. OF CREVICE. 15' INSHORE 12' ABOVE M.H.W. SIG. SITE.
673. LONE 30' BROWNISH SPRUCE ON EDGE OF GRASS LINE. W. OF CREVICE. 60' ABOVE M.H.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.H.W. SIG. SITE.
675. LONE 8' TREE ON EDGE OF TOP GRASS LINE ON ROCKY POINT. BUSHES INSHORE. GRASS PATCHES ON ROCKS BELOW TREE. 80' ABOVE M.H.W. SIG. SITE.
676. LONE 25' TREE ON SIDE OF BLUFF MOST SOUTHERLY OF TWO TREES, OTHER ONE BEING ABOUT 10 METERS TO THE N.E. 140' ABOVE M.H.W. SIG. SITE
677. EDGE OF WHITE QUARTZ LINE AT N. EDGE OF CREVASSE. 15' STRIP OF QUARTZ CONTINUES S OF CREVICE. 45' ABOVE M.H.W. SIG. SITE.
678. LONE 30' BUSHY SPRUCE ON SIDE OF HILL. RAVINE TO N. 75' ABOVE M.H.W. SIG. SITE
679. LONE 10' BALANCED BOULDER ON HILL OF ROCK. 35' ABOVE M.H.W. SIG. SITE.
680. TOP CENTER OF ROUND KNOB ROCK WITH GRASS ON TOP. W. OF CREVICE. 25' ABOVE M.H.W. SIG. SITE.
681. LONE 25' SCRAWLY TREE ON SIDE OF HILL, LARGE BOULBERS JUST OUT OF GROUND ALL AROUND TREE. 35' ABOVE M.H.W. SIG. SITE.
682. SOUTHERLY OF TWO TREES AT H.W. LINE, 20' SPRUCE AT S.W. CORNER OF BIGHT N. OF GROUP OF TALLER TREES. SIG. SITE. AWASH AT M.H.W.
683. LARGER, MOST SOUTHERLY WHITE BOULDER AT H.W. LINE. 3' ABOVE M.H.W. SIG. SITE.
684. OUTER LONE TREE, BUSHY 10' SPRUCE. 25' ABOVE M.H.W. SIG. SITE.
685. WHITE TOP CAMEL BACK BOULDER AWASH AT H.W. SIG. SITE.
686. HIGH PART OF N.W. END OF LARGE OFFSHORE ROCK. SCATTERED WEEDS GROWING OUT OF ROCK. 8' ABOVE M.H.W. SIG. SITE.
687. W GABLE 2 STORY NARROW GRAY SHINGLE HOUSE. 30' ABOVE M.H.W. TOPO. SITE
688. W. GABLE. LIGHT GRAY "L" SHAPED HOUSE. LATTICE WORK AT BASE. 30' ABOVE M.H.W. TOPO. SITE
689. N. GABLE. LIGHT GRAY SHINGLED HOUSE. WHITE PILLARS AND RAILINGS 30' ABOVE M.H.W. TOPO SITE
690. W GABLE. GRAY SHINGLED HOUSE, GREEN TRIMMINGS. 30' ABOVE M.H.W. TOPO SITE
691. W GABLE. SMALL GRAY HOUSE, WHITE TRIMMING. N. OF SMALLER GRAY HOUSE. 30' ABOVE M.H.W. TOPO. SITE.
692. E. GABLE. COAST GUARD BOAT HOUSE BY LANDING ON N.E. SIDE OF ISLAND 15' ABOVE M.H.W. TOPO. SITE
693. MIDDLE OF GROUP OF TREES ON HILL ON E. SIDE OF ISLAND 25' ABOVE M.H.W. SIG. SITE.
694. FLAT ROCK ON EDGE OF 8' CLIFF. S. OF CREVICE. GUANO ON TOP. 8' ABOVE M.H.W. SIG. SITE
695. BASE RADIO TOWER, ON CENTER OF ISLAND STEEL 125' TALL RED AND WHITE 55' ABOVE M.H.W. LANDMARK
696. 2' ROCK CAIRN ON S.W. SIDE OF ISLAND. 20' ABOVE M.H.W. SIG. SITE
697. POINT OF WHALE BACK ROCK RUNNING N.-S. GUANO ON TOP. N. OF GROOVE. 40' ABOVE M.H.W. SIG. SITE.
698. LARGE BLACK ROCK, SEPARATED FROM REST BY GROOVE ON N.W. SIDE OF ISLAND. 7' ABOVE M.H.W. SIG. SITE
699. BARE ROCK ON TOP OF HIGH PART OF ISLAND. 15' ABOVE M.H.W. SIG. SITE.
700. 3' ROCK CAIRN NEAR CENTER OF ISLAND. 15' ABOVE M.H.W. SIG. SITE.
701. HIGH PART OF ISLAND, TOP OF ROCK JUST W. OF "V" SHAPED COVE 10' ABOVE M.H.W. SIG. SITE.
702. BLACK SLATTED 17.5' TRIPOD BEACON. CENTER OF BASE. 6' ABOVE M.H.W. SIG. SITE.
- 675A. TOP OF WHITE FACED CLIFF.

No.		
237	Southwest end of jagged ledge North of beach	8'
471	Northeast corner of island, tip of grass	
472	Two 4 ft. boulders West side of island near top.	25'
473	Top part of brown rock just back of ledge, Southwest side of island	3'
475	Most northerly of group of spruces	25'
476	White rock on side of hill 40 ft. inshore from grassline	18'
477	Top, center grey rock, brown spot on side Northeast end of rocky reef.	6'
478	Pointed, large, brown rock, pointed south	8'
479	Top center of rock on high part of south end of island Green on top of island <i>Guano</i>	16'
480	V-shaped rock Southwest end of island, 30 ft. West of white-faced rock.	15'
481	Lone, 30 ft. spruce South of park. Stone fence at base of tree.	45'
482	Top of brown, rounded rock on rocky point 15 ft back of high water	6'
483	30 ft. spruce with smaller trees around to the N. E.	40'
484	Lone 20 ft. spruce, edge of grass line southwest of small shed	30'
485	35 ft. lone spruce stump on side with limbs sticking out at West of tree	40'
486	High point of Northeast end of dark rock	15'
487	Top center of ledge at high water on E. of rock point	0'
488	Top, center of black rock	6'
489	Small lookout shack on top of hill	50'
491	Top of point of rock which drops down sharp on Northeast point of island	6'
490	Top of point ^{cliff} of brown rock, gully to west	25'

No.

122	Top center of ledge offshore on Southeast end of island.	1'
203	Black rock with point headed Northwest on south side of island. Crevice line just North.	3'
205	Southeast high part of ledge, green and orange moss covers it.	0'
206	Top center of dome-like ledge	20'
207	Southeast corner of grass patch	5'
208	Brown, loose rock toward Southeast side.	1'
209	White 6 ft. boulder	2'
210	North 15 ft. spruce of two	
211	Top of square-faced (left) and pyramid shaped bluff (right)	25'
212	Tree leaning over to the North east (50' East of dead tree front of small clearing)	
213	High end of V-shaped ledge South of bight.	8'
214	High-water rock with orange discolorings.	0'
215	High part of ledge with crevice on each side.	3'
216	East tip of shrubbery on point	10'
217	Green, bushy 15 ft. tree at head of bight	
218	Center of bunch of 18 ft. trees on point, northeast of clearing.	
219	30 ft. spruce, in front of green undergrowth.	
220	25 ft. spruce, 30 feet left from pebbly beach at edge of vegetation	
221	35 ft. large bushy spruce on point	
232	4 ft. white boulder	10'
233	Bushy, 10 ft. spruce on hillside with rocks around trunk	
234	West corner of grass between two pebbly beaches	2'
235	Point of grass North of rock pile	1'
236	4 ft. tree on hillside with rocks. Ledge beneath it	

No.

- | | | |
|-----|---|-----|
| 492 | Lone, 30 ft. bushy spruce, dead fallen trees behind | 30' |
| 494 | 40 ft., slender spruce North of 20 ft. spruce near
edge of grass line | 15' |
| 495 | North tip of jagged black rock Northeast of small shed
and west of light, whale-back rock. | 6' |

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 $5\frac{1}{2}$ 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

H-6960	1:10,000	1944	
H-6992	1:10,000	1944	(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.

T-960	1:20,000	1864
T-1001	1:20,000	1864
T-1002	1:20,000	1865

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.

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