

5971

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

Form 504 Rev. June 1941 DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
<i>Air Photographic</i> Plane Table Hydrographic	Survey No. T-5971 (Field)
LOCALITY	
State	Maine
General locality	Casco Bay
Locality	Bald Head Cove - Atkins Bay
CAPE SMALL AND VICINITY	
1942	
CHIEF OF PARTY	
Fred. L. Peacock	

5971

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. T-5971

REGISTER NO.

State Maine

General Locality Casco Bay

Locality ~~Bald Head Cove~~ ~~Atkins Bay~~ Cape Small & Vicinity

Scale 1:10,000 Photographs 10/17/41, 10/20/41 - Supplemented by
Date of Survey Field Inspection of 18 May-June, 1942

~~Method~~ Air Photographic Survey Party No.2

Chief of party Fred. L. Peacock

Field Inspection by Lieuts. H.O. Fortin and R.C. Bolstad under supervision
approved by of Lieut. Comdr. G.D. Meaney, Commanding Officer "S.S. Lydonia".

Inked by (shoreline) M.G. Misulia

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated January 12, 1942 and April 1, 1942 ~~per~~

Remarks: Project No. HT-272B

GPO 266853

Reviewed 27 May 1947

DATA RECORD T-5971

PHOTOGRAPHS

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
6835-6836	Oct.17,1941	1:44PM	1:10,000	M.L.W.
6837	Oct.17,1941	1:45PM	1:10,000	M.L.W.
7007	Oct.20,1941	8:56AM	1:10,000	0.7' above M.H.W.
7008	Oct.20,1941	8:57AM	1:10,000	0.8' above M.H.W.
7036-7037	Oct.20,1941	9:22AM	1:10,000	1.2' above M.H.W.
7038	Oct.20,1941	9:24AM	1:10,000	1.2' above M.H.W.
7039	Oct.20,1941	9:27AM	1:10,000	1.3' above M.H.W.

Tide for the above photographs from predicted tables for Portland, Maine, with time correction to Small Point Harbor, Maine. Mean range 8.8', spring range 10.1'.

Camera: U.S. Coast & Geodetic Survey Nine Lens; Focal Length, $8\frac{1}{4}$ ".
All negatives are on file in the Washington Office.

Field Inspection By.....Lieuts. H.O.Fortin and
R.C. Bolstad.....
Under Supervision Of.....Lieut. Comdr. C.D.Meaney,
Commanding Officer "SS Lydonia"....
Name Investigation.....None

GENERAL INFORMATION

Chief of Party.....Fred. L. Peacock.....
Projection By...W.C.B.....Ruling Machine, Washington Office..4/24/42
Projection Checked By.....Washington Office.....4/24/42
Control Plotted By.....Walter E. Schmidt.....5/7/42
Control Checked By.....James E. Sunderland.....5/15/42
Radial Plot By.....Walter E. Schmidt.....5/42
Radial Points Pricked By...Walter E. Schmidt.....5/42
Additional Radial Points By..Michael G. Misulia.....7/42
Shoreline Inked By(Rough Draft)..Michael G. Misulia.....7/8/42
Scale.....1:10,000
Graphic Control Sheets.....None
Hydrographic Surveys.....None

The details on T-5971 are of the date of the photographs, supplemented by field inspection May-June, 1942.

STATISTICS

Area (land).....None
Shoreline (more than 200 m. from opposite shore).....22 Statute Miles
Shoreline (less than 200 m. from opposite shore).....15 Statute Miles
Streams.....9 Statute Miles
Time required for shoreline and detail.....46 Working Days

REFERENCE STATION

Morse, 1852, r.1933, 1934

North American Datum 1927 (adj.)

Latitude $43^{\circ} 44' 16.869''$ 520.6 m.(1331.2)
Longitude $69^{\circ} 49' 34.711''$ 776.8 m.(565.9)

DESCRIPTIVE REPORT
TO ACCOMPANY
AIR PHOTOGRAPHIC SURVEY SHEET NO. T-5971
BALD HEAD COVE - ATKINS BAY
CASCO BAY
STATE OF MAINE

Date of this report

September 15, 1942

INSTRUCTIONS:

This rough draft map drawing is a part of Project HT-272B, instructions dated January 12, 1942 and April 1, 1942.

FIELD INSPECTION:

Field inspection of this area was made by Lieutenants H. O. Fortin and R. C. Bolstad, May-June, 1942, of the Party of Lieut. Comdr. C. D. Meaney, Commanding Officer "S.S. Lydonia".

PHOTOGRAPHS:

The nine lens photographs were taken with the U.S. Coast and Geodetic Survey nine lens camera.

SCALE:

The scale of the photographs was in close agreement to the scale of this map drawing.

RADIAL PLOT:

Refer to special report submitted with T-5970.

Purple circles indicate points located by the intersection of three or more radial lines. Green circles indicate weak intersections. Red circles shown on the office photographs were only used to establish individual houses.

CONTROL PLOTTED INCLUDING CONTROL TRANSFERRED FROM ADJOINING MAP DRAWINGS:

U.S. C. & G.S. Triangulation Stations inside the detail limits of this map drawing:

- ✓ Cape Small, North Water Tower, 1933, r.1942
- ✓ Hunniwell Beach, Prominent Flagpole, 1933, r.1942

U.S. C. & G.S. Triangulation Stations inside the detail limits of this map drawing: (Continued)

- ✓ Jack Rock Beacon, 1904, r.1933, r.1942
- ✓ Seguin Lighthouse, 1933, r.1942
- ✓ Gillies, 1933, r.1942
- ✓ Morse, 1852, r.1933, 1934
- ✓ Pond Island Lighthouse (new) 1903, r.1904, 1933, 1942
- ✓ Bald Head Ledge Beacon, 1933
- ✓ Bald Head, 1854, r.1911, 1933, r.1942
- ✓ Fuller Rock Lighthouse, 1941, r.1942
- ✗ Winslow Morse, 1854. To be considered lost. Used to lay plot

U.S.E. Triangulation Stations inside the detail limits of this map drawing:

- | | |
|-----------------------|---------------------|
| ✓ Pond Island, r.1942 | ✓ Pivot Surf |
| ✗ West Base, r.1942 | ✓ Seguin, r.1942 |
| ✓ Dune, r.1942 | ✓ Pond, r.1942 |
| ✓ Wood, r.1942 | ✓ Popham, r.1942 |
| ✓ Wood Island, r.1942 | ✗ East Base, r.1942 |
| ✓ South Sugar, r.1942 | ✓ Log Cabin, r.1942 |
| ✓ North Fox, r.1942 | ✗ Hawley, r.1942 |

Salter

SMALL, use

* Stations lost - used to lay plot.

U.S. C. & G.S. Triangulation Stations outside the detail limits of this map drawing:

- Beef, 1933, r.1942
- Heel Eddy, Chimney at center of gray-roofed house, 1933, r.1942
- Bay Point, Chimney at center of brown house, 1933, 1942
- Popham Beach, Church Spire, 1933, r.1942
- Goudy Ledge Beacon, 1911, r.1933, r.1942
- Robinsons Rock 2, 1933, r.1934, r.1942
- Robinsons Rock, 1854
- Jamison Ledge Beacon, 1911, r.1933, r.1942
- Cogan 2, 1933, r.1942
- Fort Popham Lighthouse, 1904, r.1942

U.S.E. Triangulation Stations outside the detail limits of this map drawing:

Stage, r.1942

Note: Triangulation Station, Jamison Ledge Beacon, 1911, r.1933, r.1942, as pricked and located by the field party is believed incorrect. This station would not hold radially with respect to other stations on the photographs and was, therefore, ignored in the orientation.

DETAIL:

The shoreline and the immediate adjacent culture has been detailed on this map drawing in accordance with the Director's letters of January 12th, 1942, and April 1st, 1942, pertaining to this project.

Field inspection photographs covering this area indicated a bluff only along the shoreline directly east of Wood Island and north of Wallace Head. However, all office photographs were carefully examined under the stereoscope, and bluffs of any importance were observed and located. RK. bluffs were generally indicated by the ordinary dirt bluff symbol, to save time, however, they are properly labeled. When there was any doubt as to the nature of the bluff, no special note was added.

In comparing the M.H.W. line, as shown on the field inspection photographs, and the M.H.W. line, as shown on photographs taken at high tide, differences were noticed. These differences were sometimes as great as 100 meters in one direction. It was decided to follow the M.H.W. line of the office photographs (those of H.W.) as much as possible.

In some cases, it was necessary to establish certain detail by method of tangents as definite points could not be pricked on two or more photographs. In areas where control was weak, as many points as possible were radially plotted and pricked. Then the positions of these areas were checked by the method of tangents. One of these weakly controlled areas was Seguin Island. Red lines representing tangent lines, were drawn and left on the map drawing showing how the position of the island checked with the detailing from the radial points.

Due to misinterpretation of the same areas on different photographs by the field party, it is recommended that the Washington Office, when reviewing this map drawing, follow the high water photographs.

A light line has been used to indicate the limits of rock ledge and labeled. This should not be confused with the marsh line.

See Review
Report

Approximate limits of shoal are shown with a dashed line, (black acid ink) and labeled for use of the hydrographer only.

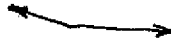
Movable floats were not shown as these could not be considered a permanent part of the wharves or piers.

Apparent shoal areas of questionable interpretation were labeled "foul"?

Some sections of this map drawing were detailed with the use of the projector.

Recoverable Topographic Stations
T-5971 (forms 524)

Coast Guard Lookout Tower
Coast Guard Flag Tower
U.S. BM "14.42" (USE) not used
N. Gable cottage
Brick Chimney
Stone Chimney
North Chimney
Fort Baldwin Water Tank
Chimney
Brick Chimney
Lone Spruce



The M.H.W. line is indicated by a heavy line. The centerline of this heavy line should be taken as the true position of the M.H.W. line.

Rocks noted by field inspection were radially plotted wherever possible and in most cases, labeled. Rocks that could be distinguished but not noted by field inspection were also radially plotted wherever possible.

TIDE CURVES:

All tide curves were plotted in order to approximate the tide of the photographs. Curves were also plotted to approximate the bearing of rocks and reefs as referred to data supplied by the field party. All time noted by the field inspection is E.S.T. (75th meridian).

HYDROGRAPHIC SIGNALS:

Signals other than recoverable have been shown with a 1.5 mm black acid ink circle.

BRIDGES:

A small wooden bridge, Latitude $43^{\circ}44'40''$, and Longitude $69^{\circ}50'$ (approx.), is shown on this map drawing and is of no navigational importance.

JUNCTIONS:

T-5970 to the west - no junction necessary
T-5972 to the north is in good agreement with this map drawing
No map drawing to the east
No map drawing to the south

RECOVERABLE HYDROGRAPHIC AND TOPOGRAPHIC STATIONS: (11)

These stations have been submitted on form No.524 in the appendix and are shown with $2\frac{1}{2}$ mm circle. (black acid ink)

COMPARISON WITH PREVIOUS SURVEYS:

No previous surveys of this area have been submitted to this party.

Review Report

LANDMARKS FOR CHARTS:

Chart Letter # 53, 1944

These landmarks have been submitted on form No.567 in the appendix, shown with $2\frac{1}{2}$ mm circle (black acid ink) and labeled "Landmark" in order to differentiate from a recoverable hydrographic and topographic station.

GEOGRAPHIC NAMES:

Geographic names shown on this map drawing are listed on form No. M234 in the appendix.

Recommendations for areas having a range of tide
and relief similar to Casco Bay, Maine

This office recommends that the M.H.W. line be drawn on high tide photographs (field) covering areas in or near the center chamber whenever such photographs are available. Likewise, the ledge, shoal, mud, and reef boundaries should be drawn on low tide photographs covering areas in or near the center chamber whenever such photographs are available.

It is also felt that in order to obtain map drawings with a high degree of accuracy along the shoreline, some effort should be made to take a few photographs covering the general area at M.H.W. The ideal situation would be a flight taken at M.H.W. and another flight taken at M.L.W. This would save much time for both this office and the field party. Correct and rapid interpretation would be the result. Field parties could then inspect at L.W. and H.W.L. could be interpreted by the office draftsman.

The factor of weather naturally plays an important part in taking aerial photographs, but it is felt that the time spent in securing the above mentioned conditions (M.H.W. and M.L.W. photographs), together with good weather would, when considering the entire completed project, greatly speed the time required to complete a map drawing. This factor (weather) therefore, should not be the only criterion in taking aerial photographs.

Field parties should also keep relief displacement on photographs in mind when inspecting shoreline and not outline shoreline in its displaced position.

Intersection stations pricked by field parties should be indicated on the field photos as to whether the top or bottom has been pricked.

RECOMMENDATION FOR FUTURE SURVEYS:

The area of this map drawing is believed to be complete in all important details and no additional surveys should be required except those specially noted on this map drawing.

The probable error of radial points and well-defined objects along the shoreline is no greater than 0.5 mm. The error of other


detail of importance on this map drawing is probably not greater than 1.0 mm. where radial points have been determined by three or more photographs.

Respectfully submitted,



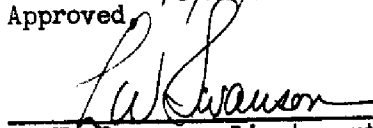
Michael G. Misulia
Jr. Topographic Engineer (field)

Reviewed by,

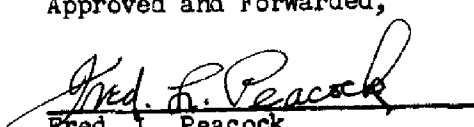


James E. Sunderland
Sr. Photogrammetric Aid (field)

Approved, 10/12/44


L. W. Swanson, Lieutenant
U.S. Coast and Geodetic Survey

Approved and Forwarded,


Fred. L. Peacock
Officer in Charge
Baltimore Field Office

GEOGRAPHIC NAMES

Survey No. T-5971

GEOGRAPHIC NAMES											
Survey No. T-5971											
Name on Survey	<div>On Chart No. 1204 On Chart No. 314 On U. S. quadangle Maps From local information On local Maps P. O. Guide or Map Rand McNally Atlas U. S. Light List</div>										
	A,	B,	C,	D	E	F	G	H	K		
✓ <u>Stage Island</u>	X	X	X							1	
✓ <u>Salter Island</u>	X	X	X							2	
✓ <u>Whale Back Rock</u>		*	X							3	
✓ <u>Popham Beach</u>		X	X							4	
✓ <u>Pond Island</u>	X	X	X							5	
✓ <u>Wood Island</u>	X	X	X							6	
✓ <u>Fox Islands</u>	*	X	X							7	
✓ <u>Heron Island</u>	X	X	X							8	
✓ <u>Bold Dick Rock</u>	X	*	X							9	
✓ <u>Morse River</u>	X	X	X							10	
✓ <u>Small Point Beach Cliffstone</u>			X				USGB			11	
✓ <u>Sprague River</u>		X	X							12	
✓ <u>Isaiah Pt.</u>		X	X							13	
✓ <u>Seal Island</u>	X	X	X							14	
✓ <u>Seal Cove</u>		X	X							15	
✓ <u>Small Point</u>	X	X	X							16	
✓ <u>Fuller Rock</u>	X	X	X				USGB			17	
✓ <u>Bald Head Cove</u>		X	X							18	
✓ <u>Bald Head Ledge</u>		X	X							19	
✓ <u>Bald Head</u>	X	X	X							20	
✓ <u>Head Cove</u>		X	X							21	
✓ <u>Head Beach</u>		X	X							22	
✓ <u>Gooseberry Island</u>		X	X							23	
✓ <u>Wallace Head</u>		X	X							24	
✓ <u>Small Point Harbor</u>	X	X	X							25	
✓ <u>Wood Island</u>	X	X	X							26	
✓ <u>Little Wood Island</u>		X	X							27	

M 234

Remarks.

Decisions

1		
2		
3	* Chart 314 shows Whaleback Rock	
4		
5		
6		
7	* Called Fox Island on Chart 1204	
8		
9	* Chart 314 shows Bold Dick Rock	
10		See
11		top of No-3
12		
13		
14		
15		
16		(Pt. of land)
17		
18		
19		
20		
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27		

GEOGRAPHIC NAMES

Survey No. T-5971

2	Name on Survey	A,	B,	C,	D	E	F	G	H	K	
✓	West <u>Cat Point</u>			X							1
✓	<u>Sister Point</u>		X	X							2
✓	<u>Goose Island Rock</u>			X	Goose RK on Ch 315 - j. w. w. h. y.						3
✓	<u>Newbury Point</u>		X	X							4
✓	<u>Carrying Place Cove</u>		X	X							5
✓	<u>Small Point</u>		X	X							6
✓	<u>Carrying Place Head</u>	X	X	X							7
✓	<u>Mill Point</u>		X	X							8
✓	<u>Ellingwood Rock</u>	X	X	X							9
✓	<u>Seguin Island</u>	X	X	X							10
✓	<u>Cape Small</u>	X	X								11
✓	<u>Seguin Ledges</u>	X	X								12
	<u>White Ledge</u>	X	X not shown in this map drawing								13
✓	<u>Atkins Bay</u>	X	X					USGB			14
✓	<u>Tottman Cove</u>		X	*		X					15
	<u>Jackknife Ledge</u>	X	X not shown on map drawing								16
	<u>Mile Ledge</u>	X	X not shown on map drawing								17
	<u>Pond Island Bar</u>	X	* not shown on map drawing								18
✓	<u>Fish House Cove</u>		X								19
	<u>Pitchpine Ledges</u>		X not shown on map drawing								20
✓	<u>Cape Small Harbor</u>		X								21
✓	<u>Middle Ledge</u>		X								22
✓	<u>Gooseberry Island Ledge</u>		X								23
	<u>Spoonbowl Ledge</u>		X not shown on map drawing								24
	<u>Buttonmold Ledges</u>		X not shown on map drawing								25
	<u>Bill Wallace Ground</u>		X not shown on map drawing								26
	<u>Halibut Rocks</u>		X not shown on map drawing								27

M 234

Remarks.

Decisions

1		
2		
3		
4		
5		Village.
6		
7		
8		
9		
10		
11		
12		
13		
14		
15	* U.S. Quad North Creek	
16		
17		
18	* Chart 314 shows Pond Island Shoal	
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-5971

3	Name on Survey	<div>On Chart No. 1204</div> <div>On Chart No. 314</div> <div>On U. S. quadrangle Maps</div> <div>From local information</div> <div>On local Maps</div> <div>P. O. Guide or Map</div> <div>Rand McNally Atlas</div> <div>U. S. Light List</div> <div>Field-Photo Inspector</div>								
		A	B	C	D	E	F	G	H	
	Small Point Beach		X							1
✓	<u>Morse Point</u>		X							2
✓	<u>Hunniwell Beach</u>		X							3
✓	<u>Kennebec River</u>		X					US&B		4
✓	<u>South Sugarloaf</u>		X							5
	Tack Rock		X not shown on map drawing							6
	Camel Ground		X not shown on map drawing							7
✓	<u>Stage Island Bay</u>		X							
✓	<u>West Point</u>						map drawn		X	9
✓	<u>Casco Bay</u>							US&B		10
✓	<u>Silver Lake</u>									11
✓	<u>Spirit Pond</u>									12
✓	<u>The Branch</u>									13
✓	<u>Morse Neck</u>									14
✓	<u>Flat Point</u>									15
✓	<u>Campbell I.</u>									16
✓	<u>Cape Small Pond</u>									17
✓	<u>State No. 209</u>									18
✓	<u>State No. 216</u>									19
✓	<u>Jack Rock Beacon</u>									20
✓	<u>Fort Hill</u>									21
✓	<u>Morse Hill</u>									22
✓	<u>Morse Mt.</u>									23
✓	<u>Haswell Hill</u>									24
✓	<u>Small Point Hill</u>									25
										26
✓	<u>Atlantic Ocean</u>									27

names on it they
are to be used

Remarks

Decisions

1		See #1
2		
3		
4		
5		
6		
7		
8		
9		vg.
10	show to west of Cape Small, which is its eastern limit,	
11		N. of Hummell Beach
12		W. of Atkins Bay
13		S. of Cape Small Harbor
14		E. side Small Pt Harbor
15		E. side Tottman Cove
16		E. of Morse R.
17		W. of Isaac Pt.
18		To Popham Beach
19		To vg. of Small Point
20		
21	Names underlined in red are approved	
22	11/12/47	L. Heck
23		
24	(see marked copy of U.S.E. "Small Point" 7 1/2'	
25	quadrangle, on which all approved names are	
26	underlined in red)	
27		

Division of Photogrammetry

Review Report of

Shoreline Map Manuscript T-5971

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

26. Control.-- Four triangulation stations, used to control the radial plot, but declared lost, have been deleted from the map manuscript.

U. S. E. triangulation station Small, 1942 has been added to the map manuscript.

28. Detailing.-- Corrections and additions made by the reviewer have been shown in red acid ink on the map manuscript. (Note - Some of the ink used will be eradicated if the manuscript is washed with soap and water. Water alone will not remove it.)

31. Low-Water and Shoal Lines.-- A number of low-water and shoal lines, originally shown on the map manuscript have been deleted as they were not in accordance with Field Memorandum No. 1 (1938).

43. Comparison with Contemporary Hydrographic Surveys.--

H-6804	1:5,000	1942
H-6805	1:10,000	1942
H-6806	1:10,000	1942, additional work 1945

These surveys are in good agreement with the map manuscript with the following exception: The peninsula at the mouth of Morse River is shown as an island on H-6805. Some reefs and ledges appeared on these surveys which did not agree with the map manuscript. They have been deleted from the map manuscript.

44. Comparison with Existing Topographic Surveys.-- U.S.G.S. Small Point, Maine, 15' quadrangle, scale, 1:62,500 surveyed 1941, edition of 1945.

The quadrangle is in good agreement with the map manuscript with the following exceptions:

No island is shown on the quadrangle at Wallace Head.

A small island at approximate latitude 43°43'45", longitude 69°50'40" on the map manuscript appears as a neck of land on the quadrangle.

(A small peninsula at the mouth of the Morse River appears as an island on the quadrangle.

The three overhead cable crossings in the vicinity of West Point and the power line crossing in the vicinity of the mouth of the Morse River do not appear on the quadrangle.

A wreck near the mouth of the Sprague River does not appear on the quadrangle.

U.S.E. Small Point, Maine 7 $\frac{1}{2}$ ' Quadrangle, scale 1:25,000
1943, Edition of 1944.

The quadrangle is in good agreement with map manuscript with the following exceptions:

A small island south of Wood Island in Small Point Harbor does not appear on the quadrangle. The overhead cable and power line crossing and the wreck mentioned in the preceding comparison do not appear on this quadrangle.

T-465	Scale 1:10,000	1854-1857
T-587	Scale 1:10,000	1856
T-588	Scale 1:10,000	1856
T-6910	Scale 1:10,000	1942
T-6928	Scale 1:10,000	1942

The planimetry common to these surveys and the map manuscript is in fair agreement.

45. Comparison with Nautical Charts.

Chart No. 314 Scale 1:40,000, First Edition 1862, Seventh Edition 1946 with corrections to 12-16-46.

The nautical chart is in ^{fair} good agreement with the map manuscript with the following exceptions:

An island in Carrying Place Cove on the map manuscript is shown on the chart as being connected to the larger island west of West Point.

A small island south of Wood Island in Small Point Harbor does not appear on the chart.

The two larger islands near the mouth of Cape Small Harbor appear as one island on the chart.

There is a difference of position, between the map manuscript and the nautical chart, of an island in the southern end of Cape Small Harbor just north of Head Beach. ^{OK now}

No island is shown on the chart at Wallace Head. ^{OK now} Seal Island, on the eastern side of Small Point, is shown as a large island and a number of small islands on the map manuscript.

A peninsula off Isaiah Point is shown as two islands on the map manuscript.

The planimetry at the mouth of the Spragge River on the chart disagrees with the map manuscript.

These detail differences were a part of the manuscript before review.

The planimetry at the mouth of the Morse River on the chart disagrees with the map manuscript.

The planimetry of Fox Island on the chart disagrees with the map manuscript.

An island on the eastern side of Stage Island on the map manuscript does not appear on the chart.

The shape of the lake on Cape Small on the chart should be corrected to agree with the map manuscript.

A wreck in the vicinity of the mouth of Sprague River does not appear on the chart.

A power line crossing in the vicinity of the mouth of the Morse River does not appear on the chart.

Chart No. 315, scale 1:40,000, first edition 1870, thirteenth edition 1946, with corrections to 1947.

The nautical chart is in good agreement with the map manuscript with the following exception:

The three overhead cable crossings in the vicinity of West Point do not appear on the chart. *Better to omit in this congested and unnavigable place.*

Chart No. 238, scale 1:15,000 1947

The nautical chart is in very good agreement with the map manuscript. Only one discrepancy was noted:

A powerline crossing in the vicinity of the mouth of the Morse River does not appear on the chart.

The map manuscript has been applied, before review, to the following nautical charts: 238, 314, 315.

Reviewed by:

Reviewed under direction of:

B. Thomas Hynson
B. Thomas Hynson
Photogrammetrist
8-29-47

S. V. Griffith
S. V. Griffith
Chief, Review Section

APPROVED BY:

B. G. Jones
Technical Assistant to the
Chief, Div. of Photogrammetry

E. S. Jones
Chief, Div. of Photogrammetry
Acting

K. H. Green
Chief, Nautical Chart Br.
Division of Charts
C. K. Green
Chief, Div. of Coastal Surveys

Changes made during review are not of sufficient importance for application to these charts. K. H. M.

NAUTICAL CHARTS BRANCH

SURVEY NO. *T5971*

Record of Application to Charts

[illegible]

M-2168-1

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