11127

N85

Diag. Cht. No. 1203-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-10\4 Office No. T-11127

LOCALITY

State Maine

General locality West Penobscot Bay

Locality Camden, Maine

19~~4~~ 52-55

CHIEF OF PARTY

P. Taylor, Chief of Field Party
L.W.Swanson, Div. of Photo.,Wash.,D.C.

LIBRARY & ARCHIVES

DATE May 12, 1958

8-1870-1 (1)

11127

DATA RECORD

T - 11127

Project No. (II): Ph-104 Quadrangle Name (IV):

Field Office (II): Rockland, Maine Chief of Party: Paul Taylor

Photogrammetric Office (III): Photogrammetry Division, Washington, D. C. Officer-in-Charge: L. W. Swanson

Instructions dated (II) (III):
13 April 1953
29 May 1953 - Supplement 1
29 Dec. 1953
3 March 1954

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Kelsh Plotter
Plane Table

Manuscript Scale (III): 1:10,000 Stereoscopic Plotting Instrument Scale (III): 1:10,000

Scale Factor (III): None

Date received in Washington Office (IV): 8-18-55 Date reported to Nautical Chart Branch (IV): 8-19-55

Applied to Chart No. Date: Date registered (IV): 20 Jan 1958

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): NA 1927 Vertical Datum (III):

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): Bear Hill, 1858:r 1934(dm.)

Lat.: 44° 08' 38.884" Long.: 69° 06' 24.846" Adjusted / Unadjusted

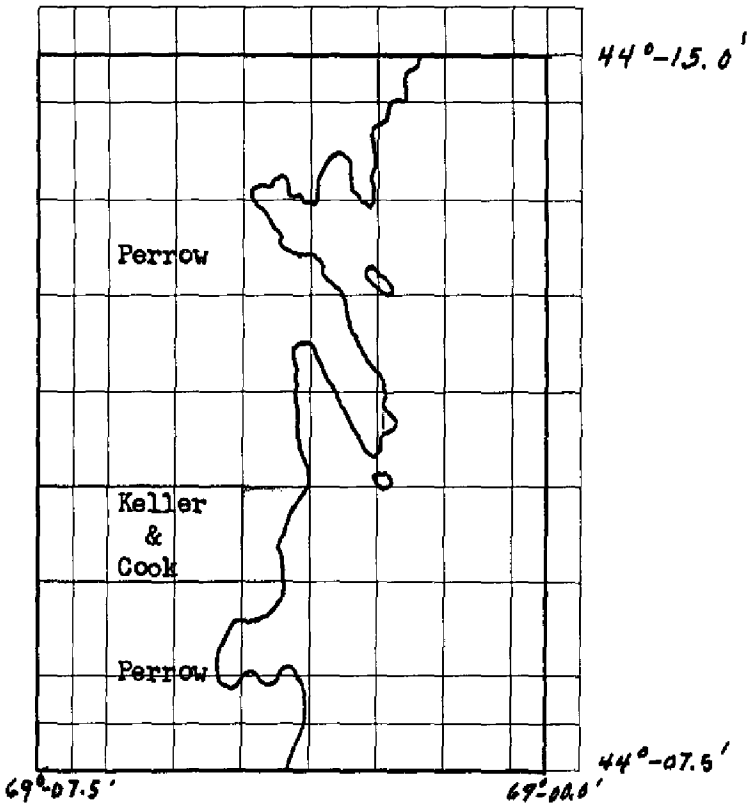
Plane Coordinates (IV): State: Zone:

Y= X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

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

M-2618-12(4)



Areas contoured by various personnel
(Show name within area)
(II) (III)

Area in red by Martin C. Moody (Planetable)

DATA RECORD

T-11127

Field Inspection by (II): James A. Clear, Jr. Date: August to September, 1953

Planetable contouring by (II): Martin C. Moody Date: September, 1953

Completion Surveys by (II): Geo. E. Varnadoe Date: Oct. 1955

Mean High Water Location (III) (State date and method of location):
1941 Planimetric Maps
1953 Field Inspection or ratio photographs

Projection and Grids ruled by (IV): Austin Riley Date: 24 Sept. 1953

Projection and Grids checked by (IV): H. D. Wolfe Date: 30 Sept. 1953

Control plotted by (III): M. Keller Date: 27 Nov. 1953

Control checked by (III): C. E. Cook Date: 28 Nov. 1953

Radial Plot or Stereoscopic Control extension by (III): M. Keller, C. E. Cook Date: March & April 1954

Stereoscopic Instrument compilation (III): Planimetry and Contours — M. Keller, C. E. Cook, J. D. Perrow, Jr. Date: Jan. to June 1955

Manuscript delineated by (III): John B. McDonald (N/2) (S/2) Date: June 1955

Photogrammetric Office Review by (III): M. Keller Date: July 1955

Elevations on Manuscript checked by (II) (III): M. Keller Date: July 1955

M-2618-12(4)

Camera (kind or source) (III):

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
GS PE 3-30 thru 32	4-4-53	11:30 EST	1:17,000	5.4
" " 3-27 " 29	4-4-53	11:25	"	5.3
" " 2-193 " 195	4-4-53	10:46	"	4.1
" " 2-190 " 192	4-4-53	10:45	"	4.0
" " 2-165 " 167	4-4-53	10:31	"	3.6
" " 2-161 " 163		No time available		
52-J-2078 thru 2097	6-16-52	11:49 thru 12:06	1:10,000	0.2
52-J-2522, 2523	7-12-52	8:57	"	-0.8
52-J-2401 thru 2411	7-8-52	16:40 thru 16:43	"	-0.1

Tide (III)

Ratio of Ranges	Mean Range	Spring Range
	8.9	10.2
1.1	9.6	10.9
1.1	9.4	10.7

Reference Station: PORTLAND, MAINE
Subordinate Station: CAMDEN
Subordinate Station: OWLS HEAD

Washington Office Review by (IV): John M. Neal Date: Sept. 1956

Final Drafting by (IV): M. Day Date: 7/31/57

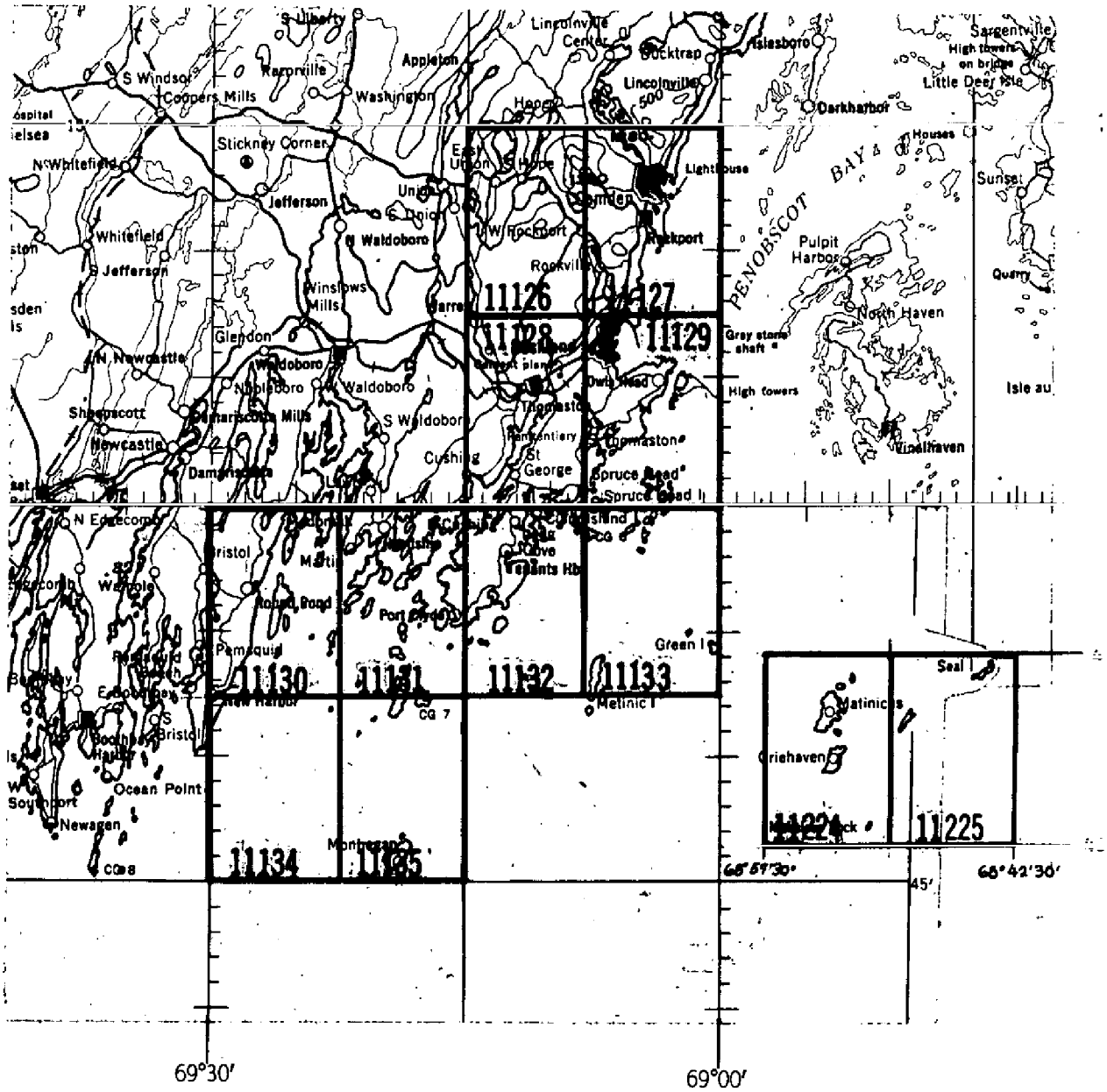
Drafting verified for reproduction by (IV): Wm O. Hallum Date: 11/25/57

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 31
Shoreline (More than 200 meters to opposite shore) (III): 17.2
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II): 34.5
Number of Triangulation Stations searched for (II): 26 Recovered: 20 Identified: 11
Number of BMs searched for (II): 16 Recovered: 12 Identified: 7
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III):
Number of Intersection Triangulation Stations Established: 3
Remarks: Identified: 3

TOPOGRAPHIC MAPPING PROJECT PH- 104

ROCKLAND, MAINE and VICINITY



OFFICIAL MILEAGE FOR COST ACCOUNTS

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

Photogrammetry

MAP T- 11127 S PROJECT NO. Ph-104 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Rockport, White Square Cupola 1934 d	292	NA 1927	44-11-11.50 69-04-12.12	354.9 (1497.0) 269.2 (1063.4)			
Graves, 1861 dm	259	"	44-10-56.05 69-02-08.37	1730.0 (121.9) 185.9 (1146.8)			
The Graves Spindle 1904 d	249	"	44-10-54.967 69-02-08.781	1696.6 (155.3) 195.0 (1137.7)			
Bear Hill, 1858 dm	18	"	44-08-38.884 69-06-24.846	1200.2 (651.7) 552.2 (781.3)			
Indian Island Lighthouse, 1902 d	22	"	44-09-55.436 69-03-41.429	1711.0 (140.9) 920.5 (412.6)			
Mon 208, MGS 1934 El. 259.25 d	11	Maine E	119-455.63 337-738.78	4455.6 (544.4) 2738.8 (2261.2)			
Mon 209, MGS 1934 El. 221.74 d	11		118-433.16 338-075.19	3433.2 (1566.8) 3075.2 (1924.8)			
Porterfield Ledge Beacon, 1904 nd	250	NA 1927	44-09-14.306 69-03-43.151	441.6 (1410.3) 958.9 (374.4)			
Mon 199, MGS 1935 El. 142.41		Maine E	113-728.08 345-244.45	3728.1 (1271.9) 244.5 (4755.5)			
Mon 198, MGS 1935 El. 145.194			113-330.04 345-159.81	3330 (1670) 160 (4840)			

1 FT. = .3048006 METER

M-2388-12

COMPUTED BY: M. Keller DATE CHECKED BY: C. E. Cook DATE

Photogrammetry

MAP T- 11127 N PROJECT NO. Ph-104 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
Mount Battie Memorial Observa-		NA	44-13-21.758	671.6	(1180.3)					
tory, 1934 d	292	1927	69-04-10.820	240.2	(1091.6)					
Camden, White Church Spire,			44-12-28.519	880.2	(971.7)					
1934 d	292	"	69-04-04.558	101.2	(1230.9)					
Camden, White Brick Stack,			44-12-36.574	1128.9	(723.0)					
1934 d	292	"	69-04-03.401	75.5	(1256.6)					
Northeast Point Ledges Spindle,			44-12-30.402	938.4	(913.5)					
1904 nd	252	"	69-02-49.302	1094.6	(237.5)					
Inner Ledges Spindle,			44-12-25.640	791.4	(1060.5)					
1904 nd	252	"	69-02-48.818	1083.9	(248.2)					
Negro Island Lighthouse,			44-12-04.634	143.0	(1708.9)					
1904 d	250	"	69-02-57.760	1282.6	(49.7)					
Rockport, d Schoolhouse			44-11-19.965	616.2	(1235.7)					
Clock Tower 1911	292	"	69-04-23.302	517.5	(815.1)					
Mon 203, MGS 1934		Maine	138-528.30	3528.3	(1471.7)					
El. 66.72 d	10	(E)	351-740.96	1741.0	(3259.0)					
Mon 204, MGS 1934			133-038.08	3038.1	(1961.9)					
El. 130.87 d	10	"	341-990.69	1990.7	(3009.3)					
Mon 205, MGS 1934			132-370.06	2370.1	(2629.9)					
El. 119.52	10	"	341-308.02	1308.0	(3692.0)					
Northeast Point Light 1953	G.P. List G-10287 Page 463	1927 3rd order	44-12-30.40	938.3	(913.6)					
			69-02-49.33	1095.2	(236.9)					

1 FT. = .3048006 METER

M-2388-12

COMPUTED BY: M. Keller DATE 19 November 1953 CHECKED BY: C. E. Cook DATE

Photogrammetry

MAP T-11127 PROJECT NO. Ph-104 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE East Zone	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
SS. Mon. 208 (MGS) 1935	GP List	NA 1927	119-458.59	4458.6 (541.4)			
			337-646.43	2646.4 (2353.6)			
SS. Mon. 199 (MGS) 1935	"	"	113-836.71	3836.7 (1163.3)			
			345-258.98	259.0 (4741.0)			
SS. Mon. 204 1935	"	"	132-839.45	2839.5 (2160.5)			
			341-973.14	1973.1 (3026.9)			
SS Mon. 209 1934	"	"	115-912.75	912.8 (4087.2)			
			338-427.54	3427.5 (1572.5)			
SS. Mt. Battie Mem. Observatory "B"	"	"	145-182.62	182.6 (4817.4)			
			356-267.27	1267.3 (3732.7)			
LOWELL ROCK LIGHT, 1953	"	"	44-09-45.94	1417.9 (434.0)			
			69-03-38.75	861.0 (472.2)			

1 FT. = .3048006 METER

M-2388-12

COMPUTED BY: M. Keller DATE 8 February 1954 CHECKED BY: C. E. Cook DATE

FIELD INSPECTION REPORT
Quadrangle T-11127
Project Ph-104

2. AREAL FIELD INSPECTION

The land area embraced by the quadrangle is sparsely settled, with the exception of the areas immediately adjacent to the hard surface roads. The incorporated towns of Camden and Rockport are the only settlements within the quadrangle. Several mountains are located within the area, Mount Megunticook being the highest, with an elevation of about 1,400 feet.

The section is adequately served by numerous hard surfaced and secondary roads. The most important of these is U.S. Highway No. 1, which traverses the entire length of the quadrangle.

The chief occupation of the inhabitants is commercial fishing and employment in textile mills.

The field inspection was done in accordance with project instructions. A field edit of the planimetric maps was made both on the loftrite sheets and the black and white prints of the planimetric maps. Sufficient notes have been made on the photographs and referenced to the planimetric sheets to enable the compiler to delineate the features of the quadrangle. One large shoreline error was noted at Camden (see photograph GS-PE-2-168). Megunticook River empties into Camden Harbor.

3. HORIZONTAL CONTROL

All U.S. Coast and Geodetic Survey stations were searched for and reported on Form 526. Stations of other agencies were recovered where needed for control of the stereoscopic compilation.

Four supplemental control stations were established and identified. The Graves Light, 1953, Northeast Point Light, 1953 and Control Station "A" were located by third-order triangulation and MOUNT BATTIE MEMORIAL OBSERVATORY "B" was established by making a base line measurement and observing from triangulation station MOUNT BATTIE MEMORIAL OBSERVATORY, 1934.

The following stations, which are reported as lost or destroyed, are:

GRAVES, 1861
THE GRAVES SPINDLE, 1904
NORTHEAST POINT LEDGES SPINDLE, 1904
MON. 205 (Maine Geod. S.), 1935
MON. 237 (" " "), "
MON. 238 (" " "), "

4. VERTICAL CONTROL

(a) A search was made for all bench marks within the quadrangle. The marks listed as follows are in good condition and are located within the limits of the quadrangle:

Name	Agency	Order
F-18, RESET, 1952	U.S. Coast & Geodetic Survey	Not Known
G-18	"	Second
H-18	"	"
J-18	"	"
K-18	"	"
L-18	"	"
S-51	"	"
CAMDEN, PENOBSCOT BAY TBM 4	"	Not Known
" " " " 5	"	"
" " " " 6	"	"
CAMDEN, PENOBSCOT BAY TBM (Bench Mark Ledge)	"	"
CAMDEN, PENOBSCOT BAY TBM (Bench Mark 202)	"	"

Bench mark F-18 RESET 1952 was recovered during the course of the field work. The field party had no data for this mark, neither for description or elevation.

(b) Supplemental elevations were established in accordance with project instructions. See paragraph 4 of the field inspection report for quadrangle T-11126, for the methods used.

(c) The first and last fly-level points are 27-1 and 27-150.

5. CONTOURS AND DRAINAGE

Except for several very small areas along the shore, the contouring of this quadrangle is to be done by either the Kelsh Plotter or the Multiplex.

The contouring, by the field party, was done by planetable on copies of the planimetric sheets which were prepared on red-line prints on vinylite. The stereoscope was used regularly in both examining the areas prior to the daily field contouring and to the reshaping of the contours.

6. WOODLAND COVER

The woodland cover has been classified in accordance with the Topographic Manual Part II and it is believed that a sufficient number of characteristic wooded areas have been classified so that the compiler will be able to classify the remaining areas.

7. SHORELINE AND ALONGSHORE FEATURES

(a) A field edit was made of the high-water line throughout the quadrangle in accordance with project instructions. Changes, which have occurred, are referenced to the photographs on the planimetric sheets.

(b) The low-water line was thoroughly inspected. Sufficient areas have been labeled on the C&GS low-water photographs so that the compiler should have no difficulty in the delineation of the low-water line.

(d) Bluffs will be depicted by the contours.

(e) The planimetric maps were examined for additions of docks, wharves, piers, etc. and where changes have occurred, they have been indicated on the photographs.

(f) One telephone submarine cable, leading from Camden to Negro Island Lighthouse, has been located on C&GS low-water photograph No. 52-J-2086.

8. OFFSHORE FEATURES

There were no offshore features noted. The low-water line was inspected visually. However, measurements were made in several places from identifiable features to determine that the photographs were made at or very near mean low water.

9. LANDMARKS AND AIDS

Seven previously established landmarks are recommended on Form 567 for charting. There are no new landmarks recommended.

The fixed aids were inspected in accordance with project instructions and reported on Form 567. Northeast Point Light, The Graves Light and Lowell Rock Light have been changed in recent years and were located by triangulation methods. They are reported on Form 525b.

There are no interior landmarks or aeronautical aids.

10. BOUNDARIES, MONUMENTS AND LINES

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

11. OTHER CONTROL

Two previously established topographic stations are reported on Form 524. There were no new stations established.

In accordance with the project instructions photo-hydro control was established in this and other quadrangles of the project where hydrography has not been recently done. A total of 45 natural objects, which should serve well as hydrographic control, were identified. They are numbered 001 to 045 inclusive and are located in the various quadrangles as follows: T-11127 - Numbers 001 through 006; T-11129 - Numbers 007 through 014; T-11132 - Numbers 015 through 025; T-11131 - Numbers 026 through 036; T-11130 - Numbers 037 through 043; and T-11128 - Numbers 044 through 045.

All stations were pricked and briefly described directly on the low water photographs.

12. OTHER INTERIOR FEATURES

A field edit of all roads and buildings was made on the planimetric maps. Additions and corrections are noted on the photographs and referenced on the planimetric sheets.

There are no bridges over navigable waters or landing fields within the quadrangle.

13. GEOGRAPHIC NAMES

This will be the subject of a special report, which will be submitted at a later date.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

The special reports mentioned in Items 10, 13 and a Notes for Coast Pilot, are the only supplemental data.

8 October 1953
Submitted by:

Joseph K. Wilson
Joseph K. Wilson,
Cartographer

9 October 1953
Approved by:

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

31. DELINEATION

Kelsh Plotters "A" and "B" in the Washington Office were used in compilation. Some areas, as indicated on the compilation index, were compiled by planetable in the field.

32. CONTROL

Horizontal and vertical control were satisfactory and graphic methods were used in the adjustment of bridges. Horizontal control extension was done with the stereoplanigraph. Level lines run throughout the project were sufficient for the vertical control of all models with the exception of the area of Mt. Megunticook. Sufficient additional control was received on 9 June 1955 to complete this area.

33. SUPPLEMENTAL DATA

See Paragraph 35.

34. CONTOURS AND DRAINAGE

The entire area was contoured by planetable and Kelsh Plotter. Some difficulty was encountered in contouring and delineating streams in scattered heavily wooded areas but it is believed that the accuracy is within standards.

35. SHORELINE AND ALONGSHORE DETAILS

In accordance with Project Instructions, the MHW line was taken from Planimetric Maps T-8010 and T-8011. The shoreline was corrected in several areas after careful inspection of the stereoscopic model. The approximate MLW line was detailed from low water photographs. The low water line in the areas of Upper Rockport Harbor and the eastern shore of Monroe Island was not delineated because of the lack of evidence in the stereoscopic models and the lack of delineation on the low water photographs. The low water line shown in Sherman Cove is questionable due to the large amount of distortion on the edge of the photograph on which the line was delineated.

36. OFFSHORE DETAILS

The following rocks awash and ledges on Nautical Chart 310, which are located within the manuscript area, were not located because the photographs could not be controlled: Dillingham Ledge, Moxy Reef; Northeast Ledges and Northeast Point Ledges. In the case of Northeast Ledges and Northeast Point Ledges dashed lines show the approximate locations.

37. LANDMARKS AND AIDS TO NAVIGATION

See copy of Form 567 in this report. The elevation of MOUNT BATTIE MEMORIAL OBSERVATORY was determined in the office to be 830 feet and not 930 as reported in Chart Letter 1142(53).

38. CONTROL FOR FUTURE SURVEYS

See Paragraph 49.

39. JUNCTIONS

Junctions have been made with T-11126 to the west and T-11129 to the south. The sheet is bounded on the north by the Belfast, Maine Quad. 1:50,000 Sheet 7172 1 AMS Series V711, 1950

40. HORIZONTAL AND VERTICAL ACCURACY

Not applicable.

46. COMPARISON WITH EXISTING MAPS

USGS	Rockland Quadrangle	1:62,500	1906 (Reprint 1946)
AMS	Rockland Quadrangle	1:50,000	1941 (Reprint 1950)
USC&GS	T-8010 and T-8011	1:10,000	1941

47. COMPARISON WITH NAUTICAL CHARTS

Nautical Chart No. 310 1:40,000 1937, corr. 1952

48. GEOGRAPHIC NAMES

See supplement.

Submitted by:

John D Perrow Jr.

John D. Perrow, Jr.
Cartographer

Approved by:

Charles Theurer

C. Theurer
Supervisory Cartographer

49. NOTES FOR HYDROGRAPHER:

See Paragraph 36, Offshore Details.

The following Photo-Topo Stations have been plotted on the map manuscript:

White Silo, 1943
Mt. Battie Memorial Observatory, 1934
Camden White Brick Stack, 1934
Rockport Schoolhouse Clock Tower, 1911
Rockport White Square Cupola, 1934
Pyramidal Tower of Sub. Station, 1934
Indian Island Lighthouse 1902 (abandoned)

See Form 567 for additional information.

Submitted by:

John D. Perrow, Jr.

Approved by:

C. Theurer

GEOGRAPHIC NAMES

Survey No. T-11127

Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
										1
Achorn Cemetery										2
Amesbury Cemetery	✓									3
Beach Hill	✓									4
Beauchamp Pt.	✓									5
Babcocks Pt.	✓									6
Bayview St.	✓									7
Brewster Pt.	✓									8
Brewster Pt. Ledge Bear Hill	✓ ✓									9
Camden	✓			✓						10
Camden Hills State Park	✓									11
Chestnut St.	✓									12
Chickawaukie Pond	✓									13
Clam Cove	✓									14
Cob Road	✓									15
Curtis I.	✓									16
Deadman Pt.	✓									17
Dodge Mtn.	✓									18
Eaton Pt.	✓									19
Elm St.	✓									20
Goose River	✓									21
Goose Rock	✓									22
Glen Cove	✓									23
High St.	✓									24
Hosmer Pond	✓									25
Hog Cove	✓									26
Hog Cove Ledge	✓									27

M 234

GEOGRAPHIC NAMES

Survey No. T-11127

Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
Indian I.	✓									1
John St.	✓									2
Lilly Pond	✓									3
Lake City										4
Lowell Rock										5
Maine Hwy. No. 137										6
Me. Hwy. No. 105										7
Me. Hwy. No. 17										8
~~Me. Hwy. No. 111~~	?	Hwy 111 not in this area JMm								9
Mechanic St.	✓									10
Megunticook River	✓									11
Megunticook Lake										12
Metcalf Pt.	✓									13
Mount Battie	✓									14
Mount Megunticook	✓									15
Mountain St.	✓									16
Mount View Cemetery	✓									17
Maces Pond										18
Me. Hwy. No. 90										19
Mouse I.	✓									20
Northeast Pt.	✓									21
Northeast Ledge	✓									22
Melvin Heights	✓									23
Oakland Park	✓									24
Oak Hill Cemetery	✓									25
Oyler Pt.	✓									26
Pine Hill	✓									27

M 234

GEOGRAPHIC NAMES

Survey No. T-11127

Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
Ram I.	/									1
Rockport	/									2
Rockport Cemetery	/									3
Rockville	/									4
Rockport Harbor	/									5
Seal Ledge	/									6
Sherman Cove	/									7
Sherman Pt. Road	/									8
Samoset Cemetery										9
Simonton Corners	/									10
The Graves	/									11
Tolman Cemetery										12
Union St.	/									13
U. S. Hwy. No. 1										14
U. S. Hwy. No. 1A										15
Washington St.										16
West Penobscot Bay	/									17
New Rockville Cemetery										18
										19
										20
										21
			Names approved							22
			7/14/55							23
			A.J.W.							24
										25
										26
										27

M 234

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

T-11127 N/2 and S/2 _____, 19____

I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by _____

Chief of Party.

STATE MAINE

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
SILO ✓	(White Silo, 1943) 35 ft. high (~~145~~)(156)		44 14	598.0	69 02	655.0	N.A. 1927	Photo Plot	1943		X	X	310, 1203
OBSERVATORY ✓	(Mt. Battie Memorial Observatory, 1943) 30 ft. high (830)		44 13	(1180.3) 671.6	69 04	(1091.6) 240.2	1927	Tri	1934	X	X	X	1203, 310, 321
STACK ✓	(Camden White Brick Stack, 1934) 173 ft. high (~~213~~)(198)		44 12	(723.0) 1128.9	69 04	(1256.6) 75.5	1927	Tri	1934	X	X	X	1203, 310, 321
CLOCK TOWER ✓	(Rockport Schoolhouse Clock Tower, 1911) 71 ft. high (191)		44 11	(1235.7) 616.2	69 04	(815.1) 517.5	1927	Tri	1911	X	X	X	1203, 310, 321
CUPOLA ✓	(Rockport White Square Cupola, 1934) 67 ft. high (~~167~~)(150)		44 11	354.9	69 04	269.2	1927	Tri	1934	X	X	X	310, 1203, 321
TOWER ✓	(Pyramidal Tower of Sub. Station, 1934) 43 ft. high, (63)		44 08	159.8	69 05	492.2 841.6	1927	Photo Plot	1953	X	X		310, 320
TOWER ✓	(Indian Island Lighthouse, 1902) (ABANDONED) 35 ft. high (55)		44 09	140.9 1711.0	69 03	412.6 920.5	1927	Tri	1902	X	X	X	310, 1203, 321

AIDS

8 Aids are shown on this quad
3 were located by 1904 triangulation } see G.P. Lists
3 " " " 1953 "
2 " " " 1943 Photo plot (see forms 524 filed under T-8010)
All have been reported on form 567 dated 27 Oct. 1953
by the Chief of Party

Field Edit Report
Quad. T-11127

51. Methods. All roads were ridden out to check their classification; to investigate questioned areas; to check the classification and shape of buildings and to visually inspect all topographic features including contours and drainage. The shoreline along Camden Harbor and the congested area of the town were walked over.

Trails were either walked out or their existence and condition were checked by local information.

Standard planetable methods were used for testing the accuracy of the contours; to locate additional town line monuments and new buildings.

All corrections, additions and deletions were made on the Field Edit Sheets or cross referenced thereon to the Photographs or Planetable Sheets. All questions by the Reviewer were answered on the Discrepancy Prints or cross referenced to other sheets. All vertical accuracy tests and corrections to contours were made on the Planetable Sheets.

Many buildings have been changed in size, shape and classification on the Field Edit Sheet, i, e, in some cases where barns are attached to dwellings, but were drafted separately, they were joined; the shape of large buildings have been corrected where drafted as small squares; and the classification of some class 2 buildings has been changed to class 1 merely by filling in the open area. Congestion would not allow notes to this effect in all cases, therefore each building should be examined for changes, while correcting this manuscript.

In addition to this report field edit information appears on:
2 Discrepancy Prints; 2 Field Edit Sheets; 2 Field Edit Planetable Sheets; 2 Sheets Summary and Abstract of Vertical Accuracy Tests and the following Photographs:
GS-PE Ratio Prints 2-158 thru 2-162, 2-166 thru 2-169, 2-194 thru 2-196, 3-26, 3-27, 3-31, 3-32 and 3-33.

Violet ink was used for all field edit work except deletions where green ink was used.

52. Adequacy of the Compilation. The compilation will be adequate and complete after the application of the field edit information

53. Map Accuracy. No horizontal accuracy tests were made. Vertical accuracy tests were made in five different areas of the quadrangle. Atotal of 89 points were tested of which 94% were found to be in error not more than one half the contour interval. A tabulated summary of the tests is made a part of this report.

54. Recommendations. None offered.

55. Examination of the Proof Copy. Mr. H. F. Brown, a private surveyor, whose address is 10 Belmont Ave Camden Maine has consented to examine a proof copy of the maunscript. Mr. Brown assisted the writer in recovering some Town Line Monuments.

No discrepancies were noted in Geographic Names.

Respectfully submitted,
20 Oct. 1955

George E. Varnados
Photo. Engr.

TOPOGRAPHIC MAPPING

Summary & Abstract of Vertical Accuracy Test

Project No. Ph 104 Me Quad. No. T-11127 N½ Quad. Name _____
Method of Testing Standard Plane-table profile
Tested by E.T.J Date Oct, 1956 Evaluated by E.T.J
Contour interval 20 ft. 1.22 M.M. allowable shift at 1-10,000 map or manuscript scale.

56 Total number of points tested
98 % of points within ½ contour interval or better
55 Test points correct within ½ contour interval
1 Test points in error between ½ and full contour interval
0 Test points in error over full contour interval

Test Elev.	Map Elev.	Error	Error after shift	Remarks	Test Elev.	Map Elev.	Error	Error after shift	Remarks
152	160	8	5		261	260	1	0	
142	140	2	1		238	240	2	0	
134	134	0	—	Low	217	220	3	0	
105	100	5	0		206	200	6	5	Contour Changed
141	140	1	0		210	198	12	6	" "
148	140	3	3	Contour Corrected	196	180	16	0	" "
134	142	8	8	Contour Added	169	160	9	0	" "
143	140	3	2		181	180	1	0	
126	120	6	2		195	200	5	1	
152	139	13	13	Contour Corrected	163	160	3	0	
103	100	3	0		143	140	3	0	
85	80	5	1		161	160	1	0	
71	71	0	—	Low	145	140	5	2	
79	80	1	0		125	120	5	0	
103	100	3	0		105	100	5	2	
115	115	0	—		80	80	0	—	
104	104	0	—		62	60	2	0	
130	120	10	7	Contour Changed	41	40	1	0	
144	140	4	2		26	20	6	0	
169	160	9	4	Contour Changed	141	140	1	0	
164	160	4	0		141	140	1	0	
155	152	3	3						
160	164	4	4						
141	140	1	0						
119	120	1	0						
98	100	2	0						
94	94	0	—	Low					
160	160	0	—						
180	180	0	—						
202	200	2	0						
218	220	2	0						
243	240	3	0						
269	260	9	4	Contour Changed					
278	277	1	1						
281	275	6	6	Contour Added					

M-2875-12

Review Report
Topographic Map
T-11127
September 1956

61. General Statement:

See Summary Report

62. Comparison with Registered Topographic Surveys:

T- 930	1:10,000	1863
1160	"	1870
1233	"	1941-43
8010	"	1941-44
8011	"	1871

T-11127 supersedes all above surveys in common areas.

63. Comparison with other topographic maps:

NE/4 USGS Rockland 1:62,500 1906 (Reprint 1946)

There is reasonable agreement with above map with respect to contours and drainage, except in the relative flat area north of Maces Pond along highway 90. Swamp shown on the old quad in this area does not exist.

64. Comparison with Contemporary Hydrographic Surveys:

H-7830	1:10,000	1950
7831	1:10,000	1950

There is no contemporary hydrographic survey north of Lat. 44° 14'. Critical differences with above surveys have been resolved by the undersigned reviewer.

65. Comparison with Charts:

Chart 310	1:40,000	1937 (52-4/28)
209	1:20,000	1953 (55-10/31)

Ledge symbol on chart 209 extends below low water as determined by the 1950 hydrographic surveys in some areas of the foreshore.

66. Adequacy of results and future Surveys:

This map complies with all instructions and with the National Standards of Map Accuracy (see Field Edit Report). It is of a adequate accuracy for use as a base for hydrographic survey.

Reviewed by:

for K. N. Maki
John M. Neal

APPROVED:

L. C. Lundy
Chief, Review & Drafting Sec.
Photogrammetry Division

Max B. Keitz
Chief, Nautical Chart Branch
Charts Division

act J. Bull
Chief, Photogrammetry Div.

Chief, Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T-11127

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
7/24/58	209	Helmer	~~Before~~ After Verification and Review Partial
5-16-62	310	Jean R. Williamson	~~Before~~ After Verification and Review
6-4-63	1203	M. Rogers	~~Before~~ After Verification and Review Thru chart 310 recons.
7/29/69	209	O. Chapman	~~Before~~ After Verification and Review Fully Applied
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

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