5958

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

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photographic
Field No. Office No. T-5958
LOCALITY
State Maine
General locality Casce Bay
Locality From Portland Harber to Inner Green Leland
194 2
CHIEF OF PARTY
L.W.Swanson
LIBRARY & ARCHIVES
DATE april 5-1949

B-1870-1 (1)

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-5958**

REGISTER NO.

State _	Maine	
General	l Locality Casco Bay	
Localit	ty From Portland Harbor to Inner Green Island	
Scale 3	Photographs 1:10,000 Date of survey taken 10-17- , 1941	
vesse r	Air Photographic Party No. 2	
Chief o	of party L. W. Swanson	
Surveye	ed by Field Inspection By Lieut. (jg) E. B. Lewey	
Inked b	DetailJoe N. Henningsen & Michael G. l DetailJoe N. Henningsen & Michael G. l	Misulia Misulia
Heights	s in feet above to ground to tops of trees	
Contour	r, Approximate contour, Form line interval feet	•
Instruc	ctions dated Project No. 272 dated January 12 , 1942	
Remarks	s:	
	GPO 258853	

Survey Rec'd in Office: 24 Har. 1442 Reviewed: 15 July, 1842 Published 24 Jan. 1846 Registered: 10 Hay 1948

DATA RECORD T-5958

PHOTOGRAPHS

NUMBERS	DATE	TIME	SCALE	ALTITUDE	STAGE OF TIDE	
6706-6708	10-17-41	10:45-11:02 A.N	1. 1:10,000	Unknown	4.6 ft. above M.L.W.	
6696-6699	10-17-41	10:36-10:41 A.N	1. 1:10,000	Unknown	4.7 ft. above M.L.W.	
6672-6675	10-17-41	10:05-10:18 A.M	1. 1:10,000	Unknown	6.0 ft. above M.L.W.	
	10-17-41	9:53 A.I	1.10,000	Unknown	6.2 ft. above M.L.W.	

* Tide prediction tables for Peak Island, Maine

Camera: U. S. Coast and Geodetic Survey Nine lens camera. Focal length 81 inches. Negatives on file in Washington Office

SUPPLEMENTAL SURVEYS

Graphic control surveys	Field letters Nos. B-C-D-E-M-N-S-
Hydrographic surveys	Field letters Nos. B-D-E-S-
Field InspectionLieut.	(jg) E. B. Lewey Nov. Dec. 1941
Name InvestigationLieut.	(jg) E. B. LeweyNov., Dec. 1941

The details on T-5958 are of the date of the photographs.

GENERAL INFORMATION

Ch	ief of PartyL. W. Swanson
Pr	ojection by
Pr	ojection checked by
Co	ntrol plotted by 12/8/41
	ntrol checked by William A. Rasure 12/9/41
	dial plot by Joe N. HenningsenJan. 5-9, 1942
	dial points pricked byJoe N. Henningsen " " "
	ditional radial points pricked by Joe N. Henningsen " "
	oreline inked by JoeN. Henningsen-& . Michael . G Misulia Jan. 1942
	oreline checked by ver
	tail rough draftJoe N. Henningsen & Michael G. Misulia Feb. &Mar. 1942
	ale1:10,000
	me Required to Detail Interior & Shoreline;
Ti	me Required to Check Shoreline 6 working days

Statistics

Area, Land..... Shoreline (more than 200 meters from opposite shore) 25.2 Statute Miles Shoreline (less than 200 meters from opposite shore) negligible Roads, streams and trails..... 62 statute miles

Reference Station

Whitehead, 1850, 1911, 1933(Adj.) Datum North America 1927

Latitude 43° 38'(1420.9)meters
70° 11' 30.574"
Longitude 70° 11' (685.2)meters

43° 38' 46.039" State plane coordinates
13° 38'(1120.9) meters State plane coordinates
Transverse Mercator, West zone x = 493,340.27 feet y = 296, 242.76 feet

DESCRIPTIVE REPORT TO ACCOMPANY

AIR PHOTOGRAPHIC SURVEY SHEET NO. T-5958

STATE OF MAINE

CASCO BAY-GREEN ISLAND TO PORTLAND HARBOR

Date of this report

March 27, 1942

INSTRUCTIONS

The topography on this map drawing is part of Project HT-272 dated January 12, 1942.

CONTROL

The triangulation stations listed as follows are within the detailed limits of this map drawing.

U. S. COAST AND GEODETIC SURVEY

- Green Island, 1852, 1911, 1933
- (P) Green, U. S. E., 1909, 1933
- *(P) Marsh, U. S. E., 1909, 1933

(P) Whitehead, 1850, 1911

- (P) Halfway Rock 2, U. S. E., 1909, 1911, 1933 (P) Fort Gorges 2, 1911, 1933
- *(P) Diamond Island Ledge Beacon
 - Diamond, U. S. E. 1911, 1933 (P)
- Peak, U. S. E., 1911, 1933 (P)
- Overset, U. S. E., 1933 (P)
- (P) Fort Scammel 2, 1911, 1933
- Fort Scammel Pt. Light 1933
 - Whitehead Ledge Beacon, 1911, 1933
- Trotts Rock Beacon 1911 (P)
- (P) North Cushing, U. S. E. 1911, 1933
- (P) Cemetary, U. S. E. 1911, 1933
- (P) Daniels, U. S. E., 1909, 1933
- (P) North Ram, U. S. E. 1911,1933
- Ram Island Stucco House Chimney, 1933 .
- (P) South Ram, U. S. E. 1911, 1933
- *(P) Ram Island Ledge Lighthouse, 1904, 1933 Fort Williams N.E. Radio Tower, 1933 -Fort Williams S.W. Radio Tower, 1933
- Portland Head Lighthouse, 1850, 1933
- (P) Williams, U. S. E. 1911, 1933
- Fort Preble Flagstaff, 1941
- *(P) B. C. Preble, U. S. E. 1909, 1933
- *(P) Todd Bath Tank 1941
- *(P) Spring Point Ledge Lighthouse, 1902, 1933
- (P) Preble, U. S. E. 1909, 1911, 1933
- (P) Bowdoin, U. S. E. 1909, 1933

The Triangulation stations that fall outside the detailed limits of this map drawing are listed as follows:

- * South Portland Standpipe, 1911, 1933 Bug Light U. S. E. 1909, 1933 Portland Breakwater Lighthouse, 1902
- (P) Cushings Point, 1969, 1913, 1933

Elevator No. 2, 1911, 1933

Manuscript extended eastward to 700051' to include Jewel Island & Inner Green Island, therefore A Jewell & @ Jewell Is. Tower. (from T-5960)

C. S. (U. S. E.) 1900, 1933 Mackey (U. S. E.) 1909, 1933 Marine Hospital Flag Pole, 1911, 1933

(P) Marine Hospital Stack, 1941 Long Island West Side Church Cross, 1933

(P) Long (U. S. E.) 1911, 1933 *(P) McKinley (U. S. E.) 1909, 1933

Cow Island Searchlight Tower, 1933 (P) Cow (U. S. E.) 1909, 1911, 1933

(P) Step 1933

*(P) Jewell, 1933 Crotch Island, West Neck, South End, House chimney 1933

All triangulation stations marked with (P) were pricked from the graphic control sheets. Those not marked were plotted in the usual manner. Stations marked with asterisk symbol were pricked on the photographs and used to control this survey.

In addition to the above control stations, numerous recoverable hydrographic signals were pricked from the graphic control sheets and previously submitted appear on this map drawing. These stations are described on this map drawing and in most cases were pricked on the photographs and used. They are shown with a $2\frac{1}{2}$ mm. circle in acid ink. Most of the descriptions on form 524 are filed under the Graphic central survey numbers.

A number of natural objects used as hydrographic signals by the hydrographic party were pricked direct from the graphic control sheets. Those that were used to control this map drawing are shown with $l_2^{\frac{1}{2}}$ mm. circles in acid ink. only those which are particularly prominent will be shown on the printed coby of 7.5958

RADIAL PLOT

Due to the abundance of control in this area, this map drawing was run separately. The proceedure was as follows:

The centers of all pictures used were located on adjoining photographs. If the center could not be located the azimuth line of adjoining centers were located. The next step was to pick all triangulation on the photos in accordance with field inspection and descriptions. When this was completed the final control in the form of previously located hydrographic signals were pricked whenever possible.

When all control possible to prick was determined on the photographs, they were laid under the smooth sheet and oriented in such a way that as near a perfect lay as possible was accomplished. Flight lines were held on the sheet after the first photograph was laid in conjunction with other control.

This method was considered very satisfactory and a good plot was thought to be had. There was one difficulty in the vicinity of Great Diamond Island. It was found that the North gable of a barn and the south peak of a barn in the vicinity of the army reservation would not hold and there was a discrepancy with T-5959. Therefore it was decided to pick a common point and run this portion of the sheet in conjunction with T-5959. It was found that these two above mentioned hydrographic stations would not hold and should not be relied on for control of the sheet. The new point common to both this map drawing and T-5959 is shown

in a large red circle. Other minor difficulties were ironed out in the process of running the plot and junctions with adjoining map drawings were good.

DETATL

The shoreline and adjacent areas were detailed in accordance with the instructions for planimetric surveys compiled from aerial photographs. Prominent rocks were shown where noted on the field inspection and some cases where they were plainly noticed on the photographs. Rocks radially cut in were outlined in a dotted circle while others were designated by the rock symbol.

Rock bearings at all stages of tide were outlined and the amount noted.

Doubtful areas in the photographs indicating the presence of sunker rocks, sunken ledges or shoals, have been outlined and labeled foul or shoal.

The stereoscope was used in examination of drainage, shoreline and other topography where elevations were noticable.

The projector was used to a large extent where flat terrain was present.

In some cases the outer boundaries of wooded areas were detailed and labeled in the interior.

ROADS:

Roads were detailed from office examination of the photographs, in conjunction with some field inspection. Most roads are shown in detail to true scale. A few roads in outlying districts were indicated with a single dash line and labeled D.D.L., representing the center line of the road. These reads are to be 6 meters wide. All trails were shown with the dash symbol.

BUILDINGS:

All buildings, along the shoreline are shown except small out buildings and those covered by foliage. U. S. Geological Quadrangle Maps were used, together with city and town maps in the determination of schools, churchs roads and trials, not easily recognized on the photographs. Fort McKinley, Fort Scammel, Fort Levett and Fort Gorgeswere shown in detail. These probably should be blanked out. Military information removed from scetate sheet by reviewer.

Only Fort Scammel & Fort Gorges shown on published map. FIELD INSPECTION

This map drawing was detailed with the field inspection by Lieut.

(jg) E. B. Lewey. However the shoreline was about all that was inspected. This inspection was done during November and December of 1942.

RECOVERABLE HYDROGRAPHIC SIGNALS

Recoverable hydrographic signals covering this map drawing have been previously submitted by the Hydrographic Party.

in a large red circle. Other minor difficulties were ironed out in drawings were g Elevated Cylindrical Object (ausling to) 1942 * Lookout Tower where they were plainly noticed on the photographs. Mooks radially out in * another lookant tower immediately 5 Wof this are is not a land mark a tespographic state, but it is a recoverable object and is above with the conventional symbol (circle) topography where elevations were noticable. .tneserq sew misrred tell erenw thethe egral s of besu asw redeeporg ent bus belisted erew asers beloow to seindanod retuo edd aesso emos al . Toi Tedni end mi beledal Roads were detailed from office examination of the photographs, in conjunction with some field inspection. Most reads are shown in detail to true duab elgnis a didw beteoibal erew atolataib gaivituo ai absor we'l A . efect line and labeled D.P.L., representing the center line of the road. These . lodaya daeb odf after moods ever aliest IlA . ebiw arejem d ed of eve abent -blind two liams toesee anothe are endered ent gools .agniblind ila ings and those covered by foliage. U. S. Geological Quadrangle Mans were used, together with city and town maps in the determination of schools, churchs reads and trials, not easily recognized on the photographs. Fort McMinley, Fort Scammel, Fort Levett and Fort Corposwere shown in detail. These probably should be blanked out. Military whomsten conveyed from seriale . Jueil of goldengani fleil edt dtiw beltateb zaw griwanb gam aldT

betoegeni anw tant ile tuode zaw enilerona ent revewed . Wewel . E . E (gi

Recoverable hydrographic signals covering this map drawing have been

This inspection was done during November and December of 1962.

previously submitted by the Eydrographia Party.

RECOVERABLE TOPOGRAPHIC STATIONS:

Recoverable topographic stations covering this map drawing, have been previously submitted by the Hydrographic Party. This Party is submitting 4 additional Recoverable Topographic Stations shown on Form 524.

LANDMARKS FOR CHARTS:

Landmarks for charts have been submitted to Washington by Lieut.

Commander Fred L. Peacock. This party recommends that the landmarks shown on
From 567 in the appendix be charted.

GEOGRAPHIC NAMES:

Geographic names shown on this chart are listed on Form M 234 in the appendix. Field inspection of names by Lieut. (jg) E. B. Lewey.

JUNCTIONS:

This sheet joins the following map drawings: Junctions to the west with T-5957, on the north with T-5959 and T-5960 were completed. The shoreline and detail is in good agreement with the map drawings.

COMPARISON WITH PREVIOUS CHARTS AND SURVEYS:

Chart No. 315:

The shoreline seems to be in close accord with Chart 315. The interior detail cannot readily be compared due to the difference in scale and the fact that the chart doesn't show the detail of this survey.

Chart No. 201:

In consideration with the difference in scale, the shoreline agrees very well with the map drawing and the interior detail, though not so complete on the chart.

The shoreline shown on the graphic control sheets, M.N,B,C,D,&E. agree very well. The discrepancies noted in various places are due largely to the individuality of defining shoreline, by various detailers. This is verified with Lieut. (jg) E. B. Lewey. T-6844, T-68453, T-6846, T-6847b, T-6853a

The following are the major discrepancies found:

At Latitude 43° 39.05' and Longitude 70° 11.7', there is a narrow fingerlike point projecting 70 meters eastward on Topographic Field Sheet No.

D which is not shown on this map drawing. Field inspection and use of the stereoscope shows that this projection is not part of the high water line. See page 4 PS of Desc. Rpt. T-6846. In view of testive statement in T-6846, H.W.L as shown on control sheet was transferred to T-5958 by reviewer in red.

At Latitude 43° 40.55' and Longitude 70° 10.11' the projection shown

At Latitude 43° 40.55' and Longitude 70° 10:11' the projection shown on this map drawing is approximately 22 meters longer and wider at its tip, T-6844 than as shown on Topographic Field Sheet no. B. This was verified by Field Inspection. Difference in interpretation of H.W.L. Use plane table location.

At Latitude 43° 40.5' and Longitude 70° 10' the northern tip of
Overset Island is approximately 18 meters longer on this map than Topographic
Field Sheet No. B. This was verified by Field Inspection. Difference of interpretation of M.M.

Use plane table location.

At Latitude 43° 38'x15" and Longitude 70° 12.0' this map drawing shows the H.W. line to be 23 meters east of Topographic Bield Sheet No. D. T-6346 In the same manner both Field Inspection and the stereoscope shows this difference. Plane table party apparantly redded top of slopeing bluff rather than H.W.L. T-5958 correct.

5

There are numerous differences between this map drawing and the above compilation.

At Latitude 43° 39' and Longitude 70° 14.5' there is a great variation in topography. Many changes have been made in the docks and ship yard on Spring Point.

There is a general disagreement in the street system in South Portland. There are many small changes in the shoreline along the mainland with a new dock at Latitude 43° 37.55' and Longitude 70° 12.7'. The dock at Latitude 43° 37.7' and Longitude 70° 13' does not agree in azimuth with that shown on this chart compilation. There is a new stone breakwater at Latitude 43° 38.5' and Longitude 70° 13.5'.

On Cushing Island, the shoreline is in fairly good agreement. There is a new wharf at Latitude 43° 38.7' and Longitude 70° 11.9'. The ruins of the stone wharf, Latitude 43° 38.5' and Longitude 70° 12.5' does not agree in azimuth.

Ram Island ledge is not shown on the chart compilation. There is a foul area between Ram Island and Ram Island Ledge.

On Peak Island the docks and Ferry slip at Forest City Landing are not in agreement. There are several new docks on the island. The shoreline is in fair agreement except on the east shore of the island.

Great Diamond Island and Little Diamond Island are in general, in good agreement as to shoreline. However there are several new docks not shown on the previous surveys and a considerable change in Diamond Cove.

There is an extensive shoal area north of Fort Gorges, not shown on the chart compilation. The wreck north of this shoal is shown as it actually exists.

There are extensive ledges about House Island not shown on the chart compilation nor is the ledge at Latitude 43° 39' and Longitude 70° 12'.

There is general good agreement of Long Island, Vaill Island and Overset Island. There are some minor discrepancies.

Obed Rock and the ledge about it is somewhat larger than that shown on the chart compilation. There is foul area between Obed Rock and Long Island.

There are great differences in Outer and Inner Green Islands between the two compilations. Due to difference in interpretation of H.W.L.

Nothing could be distinguished of Green Island Reef on the photographs. one rock visible on two photographs and plotted in office.

The roads on this map drawing on the various Islands could not be compared as they are not shown on the Chart Compilation

Work in blue ink on this map drawing shows detail which, while on the topographic sheet, couldn't be plotted from photographs with sufficient accuracy.

Transferred to sheet in red by reviewer.

Work in purple ink on this map drawing was taken from Hydrographic Boat Sheets. The full purple line indicates the zero curve taken from the Survey sheets. Removed from sheet by reviewer.

REMARKS

This map drawing is believed to be complete in all details of importance, for charting and no additional surveys are required. It would have been more satisfactory had there been Field Inspection of the interior detail.

The probable error of radial points and well defined objects is not greater than 0.5 mm. The error of other details is not greater than 1.0 mm. Note: The polyconic projection of this sheet was constructed about meridian 70° 12'. After construction, the limits of this sheet was moved East 2 minutes.

Respectfully submitted,

Michael G. Misulia

Junior Topographic Engineer

Forwarded Approved

L. W. Swanson

Chief Of Party

. Form 567 Rev. March 1935

DEPARTMENT OF COMMERCE AND GEODETI U. S. CO

LANDMARKS FOR CHARTS

TO BE CHARTED STRIKE OUT ONE

Ship Oceanographer, Portland, Maine.

August 5

192 41

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

The positions given have been checked after listing.

						Fre	Fred. L. Peacock	eacock			5	cine) of Larey.	5
	GENERAL				POSITION					_	TRAH		
			LATITUDE	JODE .	LONG	LONGITUDE		METHOD	DATE	и с н	BECH	CHARTS	Z.
				100			MILLEN	LOCATION	LOCATION			AFFECT	ED
	NAME AND DESCRIPTION	۰	-	D. M. METERS		D. P. METERS	200						1
										Î	×	1204,315	315
	Little Diamond Id. Light	45 3	39	1844	70 12	340	N.A.19	N.A.1927 Topo	1941	×	×		35
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	House Id. Light	43	39	642 -	70 12	656 0%	=	=	=	×	×	201,325	325
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_	Fort Scennel Point Light	43	38	1740	70 12	1152	Ē	=	=	K	×		25
											-	1204,315	315
	Pavilion; Cushing Island	43	38	270	70 12	498	=	=	=	×	×	201,325	25
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	Flag Staff (Dock Ho.); Cushing Id.	43	58	894	70 12	821	=	=	=	×	×	201,325 ~	55
-415												1204,315	315
Q.	Flag Pole; House Island	43	39	408	70 12	704	=	=	=	×	×	201,325	35
												1204/315	115
>	House (Flag Staff); Gr. Dia. Id.	43 40	40	677	70 11	1017	=	=	=	×	×		25
LES												1204,315	115
>	W House (Lower); Feak Island	43	39	1300	70 11	1344	=	=	=	×	K	201,325	22
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Ö-	1.P. Light (Priv. Maintd.); Cushing Id. 43 38	43	38	1503	70 12	300	=	=		×	×	201,325	22
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This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

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DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY



LANDMARKS FOR CHARTS

TO BE CHARTED BTRIKE OUT ONE

Baltimore, Maryland

1833 March, 1942

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

L. W. Swenson

The positions given have been checked after listing.

LOCALITY		·	POSITION					TRA	יטלעיו
	LATI	LATITUDE	LONG	LONGITUDE		METHOD	DATE	ОВЕСН	CHARTS AFFECTED
NAME AND DESCRIPTION	1 0	D. M. METERS	-		DATOM			HSNI	
Old Tower, Cushing Island	43 38	(1199) 653	70 12	(1140)	N.A.19	N.A.1927	Plot.		201,
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	GEOGRAPHIC NAMES Survey No. T 5 9 5 9		Charles of	15/ 15/ 15/ 15/ 15/ 15/ 15/ 15/ 15/ 15/	D D D D D	100 m	Mod F	Sold Country of the C	and Methods	S. J. Hos J. Hos	5
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	Portland Head	A&B		C							i i
	Ship Cove	A&B		C							10-
•	Cape Cottage	A&B		C			F			a a	3
	Maiden Cove	A&B		С							4
	Simonton Cove	A&B				E					5
,	Spring Point	A&B		C		E					6
	South Portland	A&B		C		E	F		177		7
•	Diamond Island Roads	A&B		C							8
	House Island	A&B	A. T.	С							9
•	Cushing Island	A&B		С					H		10
	Catfish Rock	A&B	Charles and								11
	Little Diamond Island	A&B		C							12
,	Great Diamond Island	A&B		С							13
	Diamond Cove V	A&B		C					H		14
	Pumpkin Knob	A&B		С					н		15
-	Diamond Island Ledge	A&B		С	- 44		I.				16
	Whitehead Passage	A&B		С	6		F				17
	White Head	A&B		С							18
,	Ram Island	A&B		C					H		19
	Ram Island Ledge	A&B		C				194	805B	64	20
	Peak Island	A&B		C			F	dec	Sco	n'	21
	Halfway Rock	A&B		C		1					22
	Hussey Sound	A&B		C			.,		H		23 .
•	Soldier Ledge	A&B				. /					24
1	Overset Island	A&B		C							25
1	Vaill Island	A&B		C							26
	Obed Rock	A&B		C	10000						27 M'234

09

/

for contours. Some ledges awash at various tide stages are shown on the previous surveys and are not shown on T-5958, but they are recorded on the hydrographic surveys.

45. COMPARISON WITH NAUTICAL CHARTS

1204 1/80000

315

1/40000

201 1/25000

Minor changes made in the shoreline (shown in red) on the map manuscript T-5958 are not of importance to charts, except at Lat 43° 39.¹, Long. 70° 11.7¹where there is a small rocky point. This point is duscussed in descriptive report T-6848 (paragraph 5, page 4) and in descriptive report T-5958 (paragraph 8, page 5).

In comparison with charts 1204 and 315, numerous details require correction to brigg them up-to-date.

46. APPLICATION TO CHARTS

Map manuscript T-5958 was applied to chart 201 prior to this review.

Under the direction of

Reviewed by:			/
2112	Inspected by B.G.Jones,	15	July, 1942
Douglas H Benson 15	Inspected by B.G.Jones, July, 1942		
Douglas n. Denson, 15	July, 1942		

APPROVED BY:

Technical Assistant to the Chief, Div. of Photogrammetry

Chief, Nautical Charts Branch, Division of Charts.

Chief, Div. of Photogrammetry Chief, Div. of Coastal Surveys

Note: Details in wed on the file copy of 7 5958 were inadvalantly omitted during drafting and was added from the manuscript prior to registration. Beggores 3/49.

DIVISION OF PHOTOGRAMMETRY Review Report of Planimetric Map Manuscript T-5958

July 1942

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

41. COMPARISON WITH GRAPHIC CONTROL SURVEYS:

T-6844	1/10000	1941		1/10000	1941
T-6845a	1/10000	1941	T-6849	b 1/5000	1941
	.T-6	853a I	l/10000	1941	

Graphic control surveys and hydrography preceded the air photography in the area of this map manuscript. All of the highwater line and rocky ledges and reefs were located by the graphic control survey for the area covering T-5958 except for Inner Green Island, Outer Green Island, and the mainland south of Portland Head.

Many minor differences in highwater line delineation between the graphic control surfeys and the map manuscript were investigated by stereoscopic examination of the photographs. In places, the highwater line of the graphic control surveys was the better location. Those portions of the highwater line, as well as all rocks located by the graphic control, were transferred to the map manuscript, thus making the graphic control surveys and the map manuscript T-5958 in agreement.

42. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

H-6661 H-6672	1/20000	1941 1942	H-6677	1/10000	1942 1942
n-00/2	1/50 00	1742	H-6728	1/10000	1942
	· н–67	32 1/3	L0000 1	942	

The hydrographic surveys and the map manuscript agree in position of detail. The low water line on the hydrographic survey is accepted as correct and has been transferred to the map manuscript in areas of sand and mud beach, though they will not be shown on the published copy.

The highwater line on T-5958 supersedes the charts and hydrographic maps in the common areas.

43. COMPARISON WITH PREVIOUS TOPOGRAPHIC SURVEYS

T -414	1/10000	1852	T-7 56	1/10000	1856
T-735	1/10000	1854-8	T-111	1/5000	1867

The present survey supersedes the previous surveys except

Remarks.

Decisions

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	GEOGRAPHIC NAMES Survey No. 75958		Crown of B	of sold of	10 10 10 10 10 10 10 10 10 10 10 10 10 1	No.	S S S S S S S S S S S S S S S S S S S	S. dans Course	April And	1.5 lager	3
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	Name on Survey	A,	B,	C,	Co D	E	Stad F	Q' G	H	K	
	Inner Green Island	A&B		C							1
1	Outer Green Island	A&B		C							
1	Junk of Pork	A&B		C							3
,	Long Island	A&B		C							4
'	College Island			С							5
0	Jerry Point			С							6
	Rorest City Landing	Э,		С					77.78		7
	City Point			C							8
1	Evergreen Landing			С							9
	Trefethen Landing			С							10
1	Wreck Cove			C						1	11
,	Mountainview Park			С							12
	Willard Beach			C		E					13
	Fort Preble	A&B		C		E			н		14
	Fort Scammel	A&B		C	,						15
	Fort Williams			С							16
	Fort McKinley			6							17
-	Fort Gorges			C							18
	Fort Levett			C							19
1	Green I. Reef										20
-	Green I. Passage										21
-	Shark cove -										22
*	Trotts ROCK										23
1	Casco Bay -										24
1	Little Diamond I. Ld	9.									25
	Great Diamond I. L	9		,		Nemanical District Control	erlined in		PARTY NAMED IN COLUMN TWO IS NOT THE OWNER.		26
-	Cushing I. Ldg.				by	L. H.	eck o	10/21	142		27
	A Comment of the Comm									- 1	M 234

Remarks. Decisions 436 702 436 702 436 702 436702 <u> 11´</u> _ 10_ U.S.G.B. 1(11_ 436 702 - U.S.6.B 12 436701 13 14 15 436701 16 436702 Spelt White Head Passage on U. S. G. S. Quadrangae 436701 18 19 20 22 436702 Br. J. 2. U . 23 436701 24 486701 25 26 U.S.6.B. 27 Spelt Obeds Rock on Charts 201 and 315 M 234