

11153

Diag. Cht. No. 1206.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline

Field No. Ph-1115 (53) Office No. T-11153

LOCALITY

State Massachusetts

General locality Plum Island

Locality Rowley River to Ipswich Bay

194/52-53

CHIEF OF PARTY

E.H.Kirsch, Chief of Field Party

L.R.Rubottom, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE September 15, 1958

B-1870-1 (1)

11153

~~INCOMPLETE~~
~~PRELIMINARY~~

COMPILATION REPORT T-11153

31. DELINEATION

Since the hydrographic party is in urgent need of the manuscript to start its survey, only shoreline, foreshore details and control have been shown. The delineation remaining will be completed when the manuscript and data are returned from the field. The compilation report will be completed at that time.

The 53-J series of photographs was not used to any appreciable extent because of poor quality. The scale was not good nor was the detail at all clear. Had it been necessary to use these photographs in delineating the manuscript, it would have increased the time and labor considerably.

Since T-11154, which joins this survey to the south, is not being compiled at this time, shoreline detail has been delineated beyond the neat line so that the hydrographic party can complete their surveys in the tributaries extending into T-11154. *This shoreline has been transferred to T-11154.*

W.G.R. 4/16/54

35. SHORELINE AND ALONGSHORE DETAILS

The mean high-water line, the approximate low-water line, piers, bulkheads, rocks and other features along the shoreline have been shown according to field inspection notes, which are considered adequate.

For this first submission of the manuscript, the delineation is based almost entirely on data furnished by the field party.

37. LANDMARKS AND AIDS

Landmarks will be submitted by the hydrographic party. Form 567 is being submitted for IPSWICH LIGHT. BASS ROCK DAYBEACON could not be charted since it has not yet been identified in the field.

38. CONTROL FOR FUTURE SURVEYS

Eighteen (18) photo-hydro stations with descriptions have been listed under Item 49.



Richard A. Reece
Carto Photo Aid

APPROVED AND FORWARDED



for J. E. Waugh, Chief of Party

49. NOTES FOR THE HYDROGRAPHER

PHOTO-HYDRO STATIONS

~~5401 Gable of porch ON T-11154~~

HIM 5301	House chimney	<i>chym</i>
PIE 5302	Northerly corner of pier	
HUP 5303	Northwest gable of house in ruins (Most N'westerly house on Stage I) *	
FIX 5304	Southerly gable of house	<i>Gab of house</i>
— 5305	Northerly gable of building in marsh	
— 5306	Northeast corner of shack	<i>cor of shack</i>
— 5307	Southeast corner of shack	<i>cor of shack</i>
SIT 5308	House cupola	<i>cupola</i>
WAG 5309	West gable of large shed	<i>W. gable shed</i>
MUT 5310	Center of most northerly set of piles	<i>group of piles</i>
LOG 5311	Center of inshore end of pier	<i>piece</i>
— 5312	Southerly gable of boat shed (Marine rwy at front of building)	<i>gable of boat shed</i>
NOR 5313	Northerly gable of house	<i>gable of house</i>
BAG 5314	South gable of barn	<i>gable of barn</i>
WAD 5315	Apex of house roof	<i>Apex of roof</i>
PIG 5316	East gable of large barn	<i>E gable of barn</i>
DAN 5317	Northeast corner of dance hall	<i>NE cor of bldg</i>

* This island is shown as GRAPE ISLAND on Army Map Service

Topographic quadrangle IPSWICH.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT ONE

~~Don't forget to pay your dues by 1949~~

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

Richard A. Borge, Auto-Info Inc.

10

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804.	Positions of charted landmarks and <i>nonfloating</i>
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50.

PRELIMINARY
PHOTOGRAMMETRIC OFFICE REVIEW

T- 11153

1. Projection and grids J.G. 2. Title J.G. 3. Manuscript numbers J.G. 4. Manuscript size J.G.

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy M.M.S. 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) XX 7. Photo hydro stations J.G. 8. Bench marks J.G. 9. Plotting of sextant fixes XX 10. Photogrammetric plot report J.G. 11. Detail points J.G.

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline J.G. 13. Low-water line J.G. 14. Rocks, shoals, etc. J.G. 15. Bridges J.G. 16. Aids to navigation J.G. 17. Landmarks XX 18. Other alongshore physical features J.G. 19. Other along-shore cultural features J.G.

PHYSICAL FEATURES

20. Water features XX 21. Natural ground cover XX 22. Planetable contours XX 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations XX 26. Other physical features XX

CULTURAL FEATURES

27. Roads XX 28. Buildings XX 29. Railroads J.G. 30. Other cultural features J.G.

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

33. Geographic names J.G. 34. Junctions J.G. 35. Legibility of the manuscript J.G. 36. Discrepancy overlay XX 37. Descriptive Report J.G. 38. Field inspection photographs J.G. 39. Forms J.G.

40. Jesse A. Giloe William A. Rasure
Reviewer Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

Supervisor

43. Remarks:

M-2623-12

DATA RECORD

T - 11153

Project No. (II): **PH-114(53)**

Quadrangle Name (IV):

Field Office (II): **NEWBURYPORT, MASSACHUSETTS**

Chief of Party: **E. H. Kirach**

Photogrammetric Office (III): **TAMPA, FLORIDA**

Officer-in-Charge: **Ira R. Rubottom**

Instructions dated (II) (III): **20 February 1953**

Copy filed in Division of
Photogrammetry (IV)

Supplement No. 1 - 28 March 1953

" **No. 2 - 30 April 1953**

" **No. 3 - 6 May 1953**

" **No. 4 - 26 May 1953**

" **No. 5 - 25 June 1953**

Method of Compilation (III): **Graphic**

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III): **Inapplicable**

Scale Factor (III): **None**

Date received in Washington Office (IV): **5-5-54**

Date reported to Nautical Chart Branch (IV): **5-14-54**

Applied to Chart No.

Date:

Date registered (IV): **4/10/58**

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N. A. 1927**

Vertical Datum (III):

~~Mean sea level~~ except as follows: **M.H.W.**
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): **CASTLE HILL 137, 1941**

Lat.: **42° 41' 24".474 (755.2m.)** Long.: **70° 46' 35".644 (811.4m.)**

Adjusted
~~coordinates~~

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.

SHORELINE
MANUSCRIPT

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

DATA RECORD

Field Inspection by (II): **H. R. Spies**
L. F. Beugnot

Date: **April 1953**

Planetable contouring by (II): **(Shoreline Survey)**

Date:

Completion Surveys by (II): **(Shoreline Survey)**

Date:

Mean High Water Location (III) (State date and method of location): *(Preliminary Compilation)*
Air Photo Compilation **October 1953**

Projection and Grids ruled by (IV): **Jack Allen (W.O.)**

Date: **13 April 1953**

Projection and Grids checked by (IV): **H. D. Wolfe (W.O.)**

Date: **14 April 1953**

Control plotted by (III): **I. I. Saperstein**

Date: **4 May 1953**

Control checked by (III): **R. J. Pate**

Date: **5 May 1953**

Radial Plot or Stereoscopic **M. M. Slavney**
 Control extension by (III):

Date: **2 June 1953**

Stereoscopic Instrument compilation (III):
 Planimetry
 Contours: **Inapplicable**

Date:

Date:

Manuscript delineated by (III): **R. A. Reese** *(Revision & Completion)*

Date: **12 February 1954**

Photogrammetric Office Review by (III): **J. A. Giles**

Date: **4 April 1954**

Elevations on Manuscript
 checked by (II) (III):

Inapplicable

Date:

Camera (kind or source) (III): **Dept. of Agriculture - By Robinson Aerial Surveys, Inc. and Fairchild Cartographic Camera J.**

Number	Date	Time	Scale	Stage of Tide
DPP-9K-77-80, incl.	26 Aug. 1952	12:07-12:09	1:10,000	5.7
DPP-14K-98	20 Oct. 1952	13:22	"	8.3
DPP-9K-107-111, incl.	26 Aug. 1952	12:40-12:42	"	6.7 ✓
DPP-9K-137-140, incl.	26 Aug. 1952	13:06-13:09	"	6.7 ✓
53-J-275-278, incl.	22 Apr. 1953	8:41-44	"	5.7

249 @ 8:35
254 @ 8:50

Tide (III)

From Predicted Tides

Reference Station: **PORTLAND, MAINE**
Subordinate Station: **IPSWICH RIVER ENTRANCE**
Subordinate Station:

MHW

Ratio of Ranges	Mean Range	Spring Range
1.0	8.7	9.9

time + 0:20

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **10**

Shoreline (More than 200 meters to opposite shore) (III): **70**

~~Shoreline (Less than 200 meters to opposite shore) (III):~~

Control Leveling - Miles (II): **0**

Number of Triangulation Stations searched for (II): **9**

Recovered: **9**

Identified: **5**

Number of BMs searched for (II): **3**

Recovered: **3**

Identified: **1**

Number of Recoverable Photo Stations established (III): **0**

Number of Temporary Photo Hydro Stations established (III): ***28**

Remarks:

***Ten (10) of these stations are in addition to those located on the preliminary survey. They were selected and located by the photogrammetric field party.**

Summary to Accompany T-11153

Field instructions were issued for Ph-1114 on 13 March 1953 to provide shoreline and control for inshore hydrographic surveys and to provide standard shoreline manuscripts for chart compilation. The hydrographic phase of this surveying was accomplished in the summer of 1953 under instructions for project CS-355 (Plum Island Sound to Portsmouth Harbor) and CS-361 (Cape Porpoise Harbor).

* THE FIELD INSPECTION REPORT WAS SUBMITTED SEPARATELY
*Is now filed as a part of Report T 11148
Feb.*

*Final*COMPILATION REPORT T-11153PHOTOGRAMMETRIC PLOT REPORT.

Filed as a part of Report T 11147.
~~Submitted as a separate report.~~ *hcl.*

31. DELINEATION

The graphic method was used. No areas of the map manuscript are incomplete. Reference Item 31 of preliminary report.

32. CONTROL

A sufficient number of well placed pass points were established.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been shown according to field inspector's notes or photo interpretation. No difficulties were encountered.

35. SHORELINE AND ALONGSHORE DETAILS

Reference Item 35 of preliminary report.

36. OFFSHORE DETAILS

No unusual problems were encountered in delineating offshore details.

37. LANDMARKS AND AIDS

Reference Item 37 of preliminary report.

38. CONTROL FOR FUTURE SURVEYS

Reference Item 38 of preliminary report. (18 sites)

Ten (10) additional photo-hydro stations with descriptions have been listed under Item 49.

No topographic stations were recovered or established.

39. JUNCTIONS

Survey No. T-11152 to the north and T-11154 to the south are in agreement. There is no contemporary survey to the east and west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with Army Map Service Quadrangle, IPSWICH, scale 1:25,000, copied in 1947 from a 1945 U.S.G.S. edition. Very few changes have taken place in the interim. The shoreline at the entrance to PLUM ISLAND SOUND continues to change as it has in the past.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with USC&GS Nautical Chart No. 243, scale 1:20,000, published in July 1938, corrected to 25 May 1953; and USC&GS Nautical Chart No. 1206, scale 1:80,000, published in October 1948, corrected to 14 July 1952.

The map listed under Item 46 may have been the source of some of the topography on the nautical charts but not all of it. Shoreline differences are very apparent, especially in the vicinity of PLUM ISLAND SOUND entrance at the south end of PLUM ISLAND, and east and west of STEEP HILL. The two charts show that these areas are constantly changing.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Richard A. Reece
Richard A. Reece
Carto Photo Aid

APPROVED AND FORWARDED:

Ira R. Rubottom
Ira R. Rubottom, Chief of Party

148. GEOGRAPHIC NAME LIST

ATLANTIC OCEAN

BAGWELL ISLAND
BOSTON AND MAIN RAILROAD
BROAD CREEK

CAROLTON CREEK
CLUB HEAD CREEK
CROSS BANKS

EAGLE HILL
EAGLE HILL RIVER

FAR DIVISION ROAD
FOX CREEK

GRAPE ISLAND
GRAPE ISLAND CREEK
GREAT NECK

HOG ISLANDS
HOG ISLAND POINT
HOLY ISLAND

IPSWICH BAY
IPSWICH RIVER

JEFFRIES NECK ROAD

LAW'S CREEK
~~LEWIS POINT~~ LAW'S PT.
LITTLE NECK
LITTLE NECK ROAD
LORDS CREEK

MAIN STREET
MASSACHUSETTS
METCALF CREEK
MIDDLE GROUND

NECK CREEK
NELSON ISLAND
NELSON ISLAND CREEK
NEWMARCH STREET
NORTH RIDGE

48. GEOGRAPHIC NAME LIST (CONTINUED)

PATNE CREEK
PATMOS ROAD
PINE CREEK
FLOVER HILL
PLUM ISLAND
PLUM ISLAND ROAD
PLUM ISLAND SOUND

ROGER ISLAND
ROGER ISLAND RIVER
ROWLEY
ROWLEY RIVER

SAND CREEK
SAWYER CREEK
SIX GOOSE CREEK
STACKYARD ROAD
STACY CREEK
STEEP HILL

THIRD CREEK
TREADWELL
TREADWELL ISLAND CREEK

WEST CREEK

*Names approved
11-2-54
A.J.W.*

49. NOTES FOR THE HYDROGRAPHER

The following ten (10) photo-hydro stations were selected and located by the photogrammetric field party. Their positions have been checked in the compilation office with no changes noted:

- ABE - West or south gable
- SOX - West gable building
- SID - Chimney, north side of house
- EDD - Top of knoll
- LOW - Corner of dune ridge
- PAT - Corner of dune
- YEL - Sand dune
- RIO - Upper south end of outer fence
- CUT - End of fence
- NUT - End of fence

TIDE COMPUTATION

PROJECT NO. Ph. 114 T. 11153

Time and date of exposure 12:40 26 Aug. 1952

Reference station PORTLAND, MAINE

Mean range 8.7

Date of field inspection

Subordinate station IPSWICH RIVER ENTRANCE, MASSACHUSETTS

Ratio of ranges 1.0

	Time		Height feet	Height x Ratio of ranges	Range of tide
	h.	m.			
High tide	14	30	8.8	8.8	7.9
Low tide	8	16	0.9	0.9	
Duration of rise or fall	6	14			

	Time		High tide at Ref. Sta.	Time difference	Corrected time at Subordinate station
	h.	m.			
High tide at Ref. Sta.	14	30			
Time difference					
Corrected time at Subordinate station	14	50			

	Time		Low tide at Ref. Sta.	Time difference	Corrected time at Subordinate station
	h.	m.			
Low tide at Ref. Sta.	8	16			
Time difference					
Corrected time at Subordinate station	8	36			

	h.	m.	Ht. H. T. or L. T.	Tabular correction	Stage of tide above MLW	feet	Photo. No.
Time H. T. or L. T.	14	50	Ht. H. T. or L. T.	Tabular correction	Stage of tide above MLW	8.8	DFP-9K-107
Required time	12	40	Tabular correction	Stage of tide above MLW	Feature bares	2.1	
Interval	2	10	Stage of tide above MLW	Feature bares	Stage of tide above MLW	6.7	
Time H. T. or L. T.			Ht. H. T. or L. T.	Tabular correction	Stage of tide above MLW		
Required time			Tabular correction	Stage of tide above MLW	Feature bares		
Interval			Stage of tide above MLW	Feature bares	Stage of tide above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.	Tabular correction	Stage of tide above MLW		
Required time			Tabular correction	Stage of tide above MLW	Feature bares		
Interval			Stage of tide above MLW	Feature bares	Stage of tide above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.	Tabular correction	Stage of tide above MLW		
Required time			Tabular correction	Stage of tide above MLW	Feature bares		
Interval			Stage of tide above MLW	Feature bares	Stage of tide above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.	Tabular correction	Stage of tide above MLW		
Required time			Tabular correction	Stage of tide above MLW	Feature bares		
Interval			Stage of tide above MLW	Feature bares	Stage of tide above MLW		

M-2617-12

Computed by R. A. Reece

Checked by R. R. Wagner

TIDE COMPARISON

PROJECT NO. Ph- 114 T- 11153

Time and date of exposure 08:43 22 Apr. 1953

Reference station

PORTLAND, MAINE

Mean range

8.7

Date of field inspection

Subordinate station

IPSWICH RIVER ENTRANCE, MASSACHUSETTS

Ratio of ranges

1.0

	Time		Height feet	Height x Ratio of ranges	Time h. m.
	h.	m.			
High tide	5	54	7.9	7.9	5 54
Low tide	12	23	0.8	0.8	12 23
Duration of rise or fall	6	29		7.1	6 14

	Time		Height feet	Height x Ratio of ranges	Time h. m.
	h.	m.			
High tide at Ref. Sta.	5	54			5 54
Time difference	7	0			7 0
Corrected time at Subordinate station	6	14			6 14

	Time		Height feet	Height x Ratio of ranges	Time h. m.
	h.	m.			
Low tide at Ref. Sta.	12	23			12 23
Time difference	7	0			7 0
Corrected time at Subordinate station	12	43			12 43

	h.	m.	Height feet	Height x Ratio of ranges	Time h. m.	Photo. No.
Time H. T. or L. T.	06	14	Ht. H. T. or L. T.			
Required time	08	43	Tabular correction			
Interval	2	29	Stage of tide above MLW			
Time H. T. or L. T.			Ht. H. T. or L. T.			
Required time			Tabular correction			
Interval			Stage of tide above MLW			
Time H. T. or L. T.			Ht. H. T. or L. T.			
Required time			Tabular correction			
Interval			Stage of tide above MLW			
Time H. T. or L. T.			Ht. H. T. or L. T.			
Required time			Tabular correction			
Interval			Stage of tide above MLW			
Time H. T. or L. T.			Ht. H. T. or L. T.			
Required time			Tabular correction			
Interval			Stage of tide above MLW			

M-2617-12

Computed by R. A. Reece

Checked by R. R. Wagner

TIDE COMPARISON

PROJECT NO. Ph. 114 T. 1153

Time and date of exposure _____ Reference station PORTLAND, MAINE Mean range 8.7

Date of field inspection 6 April 1953, 10:30 Subordinate station IPSWICH RIVER ENTRANCE, MASSACHUSETTS Ratio of ranges 1.0

	Time		Height feet	Height x Ratio of ranges	Time h. m.
	h.	m.			
High tide	15	53	7.5	7.5	
Low tide	9	42	0.3	0.3	
Duration of rise or fall	6	11		7.2	

	Time		High tide at Ref. Sta.	Time difference	Corrected time at Subordinate station
	h.	m.			
High tide at Ref. Sta.	15	53			
Time difference		20			
Corrected time at Subordinate station	16	13			

	Time		Low tide at Ref. Sta.	Time difference	Corrected time at Subordinate station
	h.	m.			
Low tide at Ref. Sta.	9	42			
Time difference		20			
Corrected time at Subordinate station	10	02			

	h.	m.	Ht. H. T. or L. T. Tabular correction Stage of tide above MLW	feet	Feature bares Stage of tide above MLW Feature above MLW	feet	Photo. No.
Time <u>HH</u> <u>L. T.</u> Required time Interval	10	02	Ht. <u>HH</u> <u>L. T.</u> Tabular correction Stage of tide above MLW	0.3 0.1 0.4	Feature bares <u>Rks</u> Stage of tide above MLW Feature above MLW	4.0 0.4 4.4	<u>DPP-9K-110</u>
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval			Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		

M-2617-12

TIDE COMPUTATION

PROJECT NO. Ph. 114 T. 11153

Time and date of exposure 8 April 1953, 1300 Reference station PORTLAND, MAINE Mean range 8.7
 Date of field inspection 8 April 1953, 1300 Subordinate station IPSWICH RIVER ENTRANCE, MASSACHUSETTS Ratio of ranges 1.0

	Time		Height feet	Height x Ratio of ranges	Range of tide
	h.	m.			
High tide	18	02	7.9	7.9	7.7
Low tide	11	48	0.2	0.2	
Duration of rise or fall	6 14				

	Time	
	h.	m.
High tide at Ref. Sta.	18	02
Time difference	7	20
Corrected time at Subordinate station	18	22

	Time	
	h.	m.
Low tide at Ref. Sta.	11	48
Time difference	7	20
Corrected time at Subordinate station	12	08

	h.	m.	feet	feet	Photo. No.
Time HH L. T.	12	08		2.0	IFP-9K-109
Required time	13	00		0.5	
Interval	00	52		2.5	
Time H. T. or L. T.					
Required time					
Interval					
Time H. T. or L. T.					
Required time					
Interval					
Time H. T. or L. T.					
Required time					
Interval					
Time H. T. or L. T.					
Required time					
Interval					
Time H. T. or L. T.					
Required time					
Interval					

M-2617-12

Computed by R. A. Reese

Checked by J. A. Giles

16

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11153

1. Projection and grids J.G. 2. Title J.G. 3. Manuscript numbers J.G. 4. Manuscript size J.G.

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy M.M.S. 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) XX 7. Photo hydro stations J.G. 8. Bench marks J.G. 9. Plotting of sextant fixes XX 10. Photogrammetric plot report J.G. 11. Detail points J.G.

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MISCELLANEOUS

33. Geographic names J.G. 34. Junctions J.G. 35. Legibility of the manuscript J.G. 36. Discrepancy overlay XX 37. Descriptive Report J.G. 38. Field inspection photographs J.G. 39. Forms J.G.40. Jesse A. Giles William A. Rasure
Reviewer Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler_____
Supervisor

43. Remarks:

M-2623-12

Review Report T-11153

Shoreline Map

30 October 1954

61. General

Stick-up was applied to the map manuscripts in this project as a part of the compilation process, i.e., prior to review. The map manuscripts at this phase are labeled "Advance Print".

These map manuscripts were not altered during review. Any additions, alterations, or deletions recommended by the reviewer were recorded on review correction overlays to be used by the drafting section for application of the called-for revisions on black line impressions on vinylite. These positives on vinylite, with corrections applied, serve as the final map manuscripts.

62. Comparison with Registered Surveys

T-467 1:10,000, 1853, 1910, 1912 North shore of
Cape Ann, including Ipswich River and Vic.
T-559 1:10,000, 1854, 1912 Rowley River to
Newburyport
T-11153 supersedes the older surveys for charting
purposes.

63. Comparison with Maps of other Agencies

USE Ipswich, Mass. 1:25,000, 1953 (copied from
1951 USGS edition)

T-11153 supersedes the quadrangle for shoreline and
planimetry for charting the area of T-11153.

64. Comparison with Contemporary Hydrographic Surveys

* H-8095 (ECFP 1153) 1:10,000, 1953 Plum Island Area

* This survey was not available for comparison.

* Two foreshore areas on the east side of the south
end of Plum Island, and two on the east side of Great Neck
Little Neck, were enclosed by a broken line by the field
inspector and labeled "foul, rocks bare at LW". These
areas were labeled "awash MHW" on the compilation. They
fall inside the probable LWL in each case, so they have
been re-labeled with the field inspectors note. Elevations
are not known. The hydrographic survey will clarify this
condition.

** This comparison has been made and there are
no conflicts
hcl.*

65. Comparison with Nautical Charts

243 1:20,000 July 1938, Corr. July 1951
1206 1:80,000 Oct. 1948 Corr. March 1954

T-11153 supersedes the charts for shoreline and culture in their common areas. Offshore features are covered by H-8095 (ECFP1153).

66. Accuracy

This map manuscript meets the National Standards of Accuracy and charting standards except for the low water line.

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