

5773

Drag'd. on Diag. Ch. 1207-2

Form 504
Rev. April 1935

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Topographic }
Hydrographic } Sheet No. 5773

State Massachusetts

LOCALITY

Nahant Bay and Lynn Harbor

Nine-lens photos - 7/17/38, 4/2/43

Single-lens photos - 12/16/38
7/14/44

1924

CHIEF OF PARTY

L. W. Swanson

U. S. GOVERNMENT PRINTING OFFICE 102221

5773

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-5773

REGISTER NO.

State Massachusetts

General locality Boston Outer Harbor

Locality Nahant Bay and Lynn Harbor

Scale 1:10,000 Date of photographs Single Lens 12/16/38
Survey 9 Lens July 17, 1938

~~Nassau~~ Air Photographic Party No. 2

Chief of party L. W. Swanson

Surveyed by Field Inspection, W. C. Russell
Radial Plot, L. W. Swanson

Inked by R. J. Nosik (Smooth Sheet); Shoreline, W. E. Schmidt

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated August 15, 1939, and November 3, 1939

Remarks: _____

DATA RECORD - T-5773

PHOTOGRAPHS

<u>Numbers</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Altitude</u>	<u>Stage of Tide*</u>
2507-2510 inc. & 2488	7-17-38	8:45 to 10:00	1:10,000	Unknown	About 1.0 ft. above M.L.W.
9-216 to 9-219 inc.	12-16-38				
		Unknown	1:10,000	"	
9-183 to 9-187 inc.	"				

*Tide from prediction tables for Lynn Harbor and Nahant.

Camera: U. S. Coast & Geodetic Survey nine-lens camera
Focal length 8-1/4"
Negatives on file in Washington
U. S. Geological Survey single lens (focal length unknown)

SUPPLEMENTAL SURVEYS

Graphic Control Sheets	None
Field Inspection (W. C. Russell)	Sept. - Nov., 1939
Name Investigation (W. C. Russell)	Sept. - Nov., 1939
Hydrographic Surveys	None

GENERAL INFORMATION

Chief of Party	L. W. Swanson
Projection by Washington Office Rule Machine	Oct. 27, 1939
Projection Checked by Washington Office	Oct. 27, 1939
Control Plotted by L. W. Swanson	Dec. 19-21, 1939
Control Checked by E. L. Jones	Dec. 22, 1939, to Jan. 5, 1940
Radial Plot Made by L. W. Swanson	Jan. 29, 1940, to Feb. 14, 1940
Radial Points Pricked by W. C. Russell	Jan., 1940
Shore Line Inked by W. E. Schmidt	Febr.-Mar., 1940
Detail Inked by (Smooth Draft) R. J. Nosik	Sept.-Dec., 1941
Scale	No Scale Factor
	1:10,000

STATISTICS

Area (land)	15 Sq. Stat. Miles
Shoreline (More Than 200 Meters From Opp. Shore).....	26 Stat. Miles
Shoreline (Less " " " " " ").....	3 Stat. Miles
Roads, Streets, Streams, and Trails	Metropolitan Area
Railroads	17.7 Stat. Miles

REFERENCE STATION

Ruckman 1934

Datum N.A. 1927

Latitude - - - - $42^{\circ} 25' 11.953''$ (368.8 m.)

Longitude - - - - $70^{\circ} 55' 52.233''$ (1194.2 m.)

Massachusetts: Mainland Zone

$$X = 753,595.47$$
$$Y = 517,953.70$$

26. CONTROL: (Added during review)

Thirty-nine traverse stations:

37 H	MGS	42 K	MGS
J	"	L	"
K	"	M	"
L	"	Q	"
M	"	R	"
N	"	S	"
P	"	T	"
Q	"	U	"
R	"	V	"
S	"	W	"
T	"	X	"
42 A	"	Y	"
B	"	Z	"
C	"	AA	"
D	"	AB	"
E	"	AC	"
F	"	AD	"
G	"	AE	"
H	"	AF	"
J	"	AG	"

Five triangulation stations:

Oakland	1935
Knobby	"
Sheehan	"
Phone	"
Western Avenue, M.H.B.	1934

DESCRIPTIVE REPORT

TO ACCOMPANY
AIR PHOTOGRAPHIC SURVEY SHEET NO. 5773
STATE OF MASSACHUSETTS
NAHANT BAY & LYNN HARBOR

Date of This Report: Dec. 5, 1941

INSTRUCTIONS:

This map drawing is a part of Project HT-227A dated Sept. 28, 1938. For authority to detail this sheet rough draft, see the Director's letter of February 2, 1940.

FIELD INSPECTION:

Field inspection and investigation of names of this sheet were made by W. C. Russell, Jr. H. & G. E. from Sept. 6 to Nov. 7, 1939.

²⁶
CONTROL:

- Swampscott, Smaller Standpipe 1914, 1934
- Swampscott, Larger " 1934
- Swampscott, Dread Ledge Beacon 1934
- Swampscott, Stack 1934
- Lynn Standpipe #1, 1934
- Lynn, Stack No. 1, 1934
- Lynn, Stack No. 2, 1934
- Lynn, Stack No. 3, 1934
- Lynn, Beacon No. 1, 1919 (Dismantled 1938--rock obstr. now)
- Lynn, Beacon No. 2, 1919 " " " " "
- Lynn, Beacon No. 3, 1919 " " " " "
- Lynn, Beacon No. 4, 1919 " " " " "
- Lynn, Beacon No. 5, 1934 " " " " "
- Lynn, Beng² Stack, 1934
- Lynn, Cath. Church Spire, 1934
- Lynn, Champion Flagstaff, 1934
- Lynn, City Hall Cupola, 1934
- Lynn, Cong. Church Spire 1934 (Lynn Spire)
- Lynn East Tank, 1934
- Lynn, First Universalist Church Tower, 1934
- Lynn, Gas Co. Chimney, 1934
- Lynn, Gas Co. Large Stack, 1934
- Lynn, Gas Co. Tank 1919, 1934
- Lynn, Gas Co. Large Gas Tank 1915
- Lynn, General Electric East Stack 1916
- Lynn, General Electric West Stack 1916
- Lynn, High Rock Flagpole, 1934
- Lynn, Hillard Stack 1934
- Lynn, Hoods Stack 1934
- Lynn, Meth. Church Spire 1934
- W. Lynn Meth. Church Spire 1934
- Lynn West Tank 1934
- Nahant Coast Guard Flag Tower 1919, 1934
- Nahant Coast Guard Cupola 1919, 1934
- Nahant Standpipe 1919, 1934

- Nahant Catholic Church Cupola 1895, 1934.
- Ruckman 1934.
- Saugus White Church Spire 1919, 1934.
- Saugus WHDH N. Radio Mast 1934.
- Saugus WHDH S. Radio Mast 1934.
- Saugus Standpipe 1934
- ✓ Beach, 1934.
- Revere, Cath. Church Tower 1934
- ✓ Revere Beach 1934 (Stack)
- ✓ Revere Police Tower 1934.
- Revere Beach Bath House Cupola 1919, 1934
- Bakers, 1933
- Point of Pines 1934.
- Little Nahant Cupola 1919, 1934.

F.I.S. Stations

- High Rock 3, 1934.
- "D" U.S.E., 1934.
- Bass Pt. U.S.E. 1902.

27. RADIAL PLOT:

The radial plot was started by slipping the photo under the map drawing and drawing the cut after orientation of the photo was made. It was found that after 6 pictures were thus oriented and the cuts drawn that there was some error as the intersections were very poor. It was also noted that on photographs where there were numerous triangulation stations that all stations could not be held. The work was discarded and it was decided to run the plot by means of templates which can be oriented much better than photographs. The orientation was used that satisfied the control best on each template. It was noted that about the edges and especially the corners of the photographs that the cuts did not check. The distant cuts and those not checking were not used in the final pricking of the radial point intersections. Considerable trouble was had when attempting to prick additional radial points. It was attempted to orient office photos under the smooth sheet with respect to centers as located by the original plot. This could not be done. It was then decided to make new templates of two flights of photos in the northern section of this sheet. After this was done a new plot was attempted. It was impossible to orient these templates with respect to control. Paper distortion was ^{suspected} ~~suspected~~, but we were unable to cope with this condition. We inspected all field photos of this section and decided to orient these photos with control on the smooth sheet. The field prints could be laid with better results, and it was definitely decided that there was uneven distortion in the office photos.

28. DETAILING:

The detailing of this sheet required a lot of duplicate work. First points were pricked on the field prints and cut onto the smooth sheet. Then these same points were re-pricked onto the office prints which were used to detail from as these were to better scale of the map.

The drainage was fairly well discernible.

Two state highways appear on this sheet S.H. 107 and S.H. 1A. This information was obtained from Mass. highway maps.

~~Al~~Mostly all roads and streets were indicated by D.F.L. as there is no field inspection on the interior of this sheet. Due to there being snow when the single lens pictures were taken a large number of the roads do not appear very clearly. The few 9-lens pictures that could be used had foliage obstructions. On the overlay are marked general areas where it is advised that field inspection should be executed to determine whether the detailer's assumptions are correct.

Ditches are all noted.

All public buildings are shown. These buildings were shown on the town plats of the towns included in this area. The buildings were then identified on the photos and transferred to the smooth sheet. This was necessary because field inspection was not complete. All buildings of any consequence are shown along the shore line.

Due to the fact that seawalls along Nahant Beach were too close to the shoreline to sharply delineate both, it was the judgment of the detailer to leave them off the sheet.

Two R.R. systems appear on this sheet--the Boston & Maine Railroad and the Boston Revere Beach and Lynn Railroad. It is understood from the field inspector that the latter system may be soon abandoned in favor of busses.

The names of all the streets are not shown, but a sufficient number were put on so one could orient himself quite readily. The street names appear on the various town maps which embrace this area.

The area on the whole did not have sufficient photos. The extreme northwestern part of this sheet had to be omitted due to the lack of photos.

The general topography of this area was such that a lot of points had to be pricked in order to eliminate scale differences. This necessitated scrutinizing^{all} mostly all areas by stereoscopic examinations to determine the terrain.

35. RECOVERABLE HYDROGRAPHIC SIGNALS:

← The recoverable hydrographic stations are listed on Card Form 524 accompanying this report.

34. LANDMARKS FOR CHART:

Landmarks for charts and deletion were submitted March 27, 1940.
Location of fixed aids in Sept.-Nov., 1939.

*Ch. det
No. 600 (1940)
No. 165 (1940)*

4/. JUNCTIONS:

This sheet joins very satisfactorily with completed Sheet No. T-5774 on the south. There is no land junction to the east. Satisfactory junction was also made with Sheet No. T-5770 to the west which is not quite completed. There is no sheet to the north.

42. GEOGRAPHIC NAMES:

This list was submitted February 8, 1940, the subject of a special report.

43. COMPARISON WITH PREVIOUS SURVEYS:

T-3766 - This sheet compares favorably with T-5773 as far as shore line, railroad, and main highways are concerned, but interior streets vary considerably. Many interior streets are not shown on this sheet that are on T-3776 because they do not show up on the photos. In many of these areas field inspection is required, and this is noted on the overlay sheet.

T-3767 sheet was also compared to our sheet. The same condition existed as with T-3766. Many of these streets that are missing from the sheet show on the various town and city maps of this area. The following maps will accompany this sheet:

Nahant, Mass. - Zoning Map	Mar., 1937
Town of Swampscott Map	1938
City of Lynn Map	1935
Town of Marblehead Map	1933

Maps of the City of Revere and Town of Saugus will be retained as they are still being used on the Sheet T-5770.

Only streets that were discernible on photos were drawn in.

On T-3767, approximate position Lat. $42^{\circ}25.2'$ and Long. $70^{\circ}56.3'$, appears a pier. Only piling remain now and is so noted on overlay.

On T-3767, approximate position Lat. $42^{\circ}25.05'$ and Long. $70^{\circ}56.28'$, a pier is shown. Piling only remains here as shown on overlay.

On 3767, at approximate position Long. $70^{\circ}56.4'$ and Lat. $42^{\circ}25.5'$ to Lat. $42^{\circ}27.3'$, the shoreline west of Nahant Road is considerably different. Evidently this is filled in land now used for parking area. Also Lynn Harbor area approx. at Lat. $42^{\circ}27'$ and Long. $70^{\circ}57.5'$ is changed considerably. This land is all filled area with considerable improvement on it. Generally roads and shoreline were good on T-3766 as compared to our sheet T-5773. Around Nahant T5773 shows more foul water than T3767.

45. COMPARISON WITH EXISTING CHARTS:

No. 240 - Corrected to Sept. 28, 1939.

This chart compares very favorably with respect to shoreline, main roads, and railroads. A number of interior roads are shown on this chart that do not appear on T5773. This was explained previously in this report. Two piers located on this chart are non-existent except for some piling. Their positions were mentioned earlier in this report and marked on the overlay. A pier on this chart at Latitude $42^{\circ}25.1'$ and Long. $70^{\circ}55.85'$ appears to be much longer than we show it on our T5773.

49. RECOMMENDATION FOR FUTURE SURVEYS:

The detail of this sheet is not complete due to the fact that there was an insufficient number of photos and also that there was inadequate interior field inspection. It is recommended that this completed map drawing be field inspected, particularly in areas so designated on the overlay sheet. The probable error of radial points and well defined objects along the shoreline is not greater than 5 meters. The error of other detail of importance on this sheet is probably not greater than 10 meters where our radial points have been determined by three or more photographs. A flight of 9-lens camera pictures across this area would have alleviated the difficulty in detailing of this area.

Respectfully submitted,

Rudolph J. Nosik

Rudolph J. Nosik
Photogrammetric Aid (Field)

Forward Approved:

L. W. Swanson Dec. 11, 1941

L. W. Swanson, Chief of Party

REVIEW OF AIR PHOTO COMPILATION NO. T-5773

Chief of Party: L. W. Swanson

Compiled by: R. J. Nosik
W. E. Schmidt.

Project: Project H.T. 227

Instructions dated: Aug. 15 & Nov. 3
1939.

1. The charts of this area have been examined and topographic information necessary to bring the charts up to date is shown on this compilation. (Par. 16a, b, c, d, e, g and i; 26; and 64)

2. Change in position, or non-existence of wharfs, lights, and other topographic detail of particular importance to navigation which affect the chart, is discussed in the descriptive report. (Par. 28; and 66 g, n)

~~3.~~ Ground surveys by plane table, sextant, or theodolite have been used to supplement the photographic plot where necessary to obtain complete information, and all such surveys are discussed in the descriptive report. (Par. 65; and 66 d, e)

There are no ground surveys.

4. ✓ Blue-prints and maps from other sources which were transmitted by the field party contain sufficient control for their application to the charts. (Par. 28)

~~5.~~ Differences between this compilation and contemporary plane table and hydrographic surveys have been examined and rectified in the field before forwarding the compilations to the office and are discussed in the descriptive report.

There are no contemporary surveys.

6. The control and adjustment of the photo plot are discussed in the descriptive report. Unusual or large adjustments are discussed in detail and limits of the area affected are stated. (Par. 12b; ~~42~~; and 66 c, h, i)

7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, and ~~44~~)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Refer also to the pamphlet "Notes on the Compilation of Planimetric Line Maps from Five Lens Air Photographs."

8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, ~~38~~, 39, 40, ~~41~~)

9. Recoverable objects have been located and described on Form 524 in accordance with circular 30, 1933, circular letter of March 3, 1933, and circular 31, 1934. (Par. ~~42~~, ~~43~~, and 57)
6 cards Form 524 are submitted with this Map Drawing.

10. A list of landmarks was furnished on Form 567 and instructions in the Director's letter of July 16, 1934, Landmarks for Charts, complied with. (Par. 16d, e; and 60)

Landmarks for this Map Drawing were forwarded on March 27, 1940.
Chart letter 600-1940
Chart letter 165-1940
11. All bridges shown on the compilation are accompanied by a note stating whether fixed or draw, clearance, and width of draw if a draw bridge. Additional information of importance to navigation is given in the descriptive report. (~~Par. 18c~~)
Investigation of Bridges was made in accordance with paragraph 12 of Instructions dated Aug. 15, 1939. These were submitted with Coast Pilot Notes forwarded February 9, 1940.
12. Geographic names are shown on the overlay tracing. The accepted local usage of new names has been determined and they are listed in the report, together with a general statement as to source of information and a specific statement when advisable. Complete discussion of place names differing from the charts and from the U. S. G. S. Quadrangles is given in the descriptive report, together with reasons for recommendations made. (Par. 64, and ~~65a~~)
Geographic Names for this Map Drawing were forwarded as a part of the special report on Geographic Names submitted on February 8, 1940
13. The geographic datum of the compilation is 1927 and the reference station is correctly noted.

14. Junctions with adjoining compilations have been examined and are in agreement. (Par. 66j)

15. The drafting is satisfactory and particular attention has been given the following:
 1. Standard symbols authorized by the Board of Surveys and Maps have been used throughout except as noted in the report.
 2. The degrees and minutes of Latitude and Longitude are correctly marked.

3. All station points are exactly marked by fine black dots.
4. Closely spaced lines are drawn sharp and clear for printing.
5. Topographic symbols for similar features are of uniform weight.
6. All drawing has been retouched where partially rubbed off.
7. Buildings are drawn with clear straight lines and square corners where such is the case on the ground.

(Par. 34, 35, ³⁶~~38~~, 37, ~~38~~, 39, 40, ~~41~~, 42, 43, ~~44~~, 45, 46, 48)

16. No additional surveying is recommended at this time.

There are small areas on this Map Drawing that could not be completed because of lack of photographs (extreme northwest portion) and other small spots within the detailed area (minor Streets) that could not be identified on the photographs nor was there field inspection of these areas.

Field Inspection of this completed Map Drawing has been recommended; this would clear up these areas that are not completed. City plans accompany this Map Drawing; these Streets can be added from these plans if desired. However, only these Streets that could be identified on the photographs are shown.

Nahant and the Northeast section of this Map Drawing including Ram L. have been completed, but the areas involved are weak.

18. Examined and approved;

L. W. Dawson

L. W. Swanson
Chief of Party

December 11, 1941.

19. Remarks after review in office:

Reviewed in office by:

Examined and approved:

Chief, Section of Field Records

Chief, Section of Field Work

Chief, Division of Charts

Chief, Division of Hydrography
and Topography.

	Remarks	Decisions
1		423709
2		424709
3		"
4		" USGB
5		"
6		" , 424710
7		"
8		" USGB
9		423709, 424709, 424710
10		424709
11		"
12		"
13	Referred to USGB: apply this name pending decision	"
14		"
15		"
16		"
17		"
18		424708
19		424709
20		"
21		"
22		"
23		424708
24		424709
25		"
26	Referred to USGB: apply this name pending decision.	"
27		"

GEOGRAPHIC NAMES

Survey No.

T-5773

Sheet No. 1

Name on Survey

A,

B,

C,

D,

E,

F,

G,

H,

K,

On Chart
No.

On previous survey
No.

On U. S. quadrangle
Maps

From local
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

Broad Sound

1

Nahant Bay

2

Swampscott

3

Lynn

4

Lynn Harbor

5

(Saugus)

on T-5780

(only "town" or district on this sheet)

6

Saugus River

7

Pines River

8

Revere

9

Revere Beach

10

Point of Pines

11

Point of Pines Yacht Club

12

Bayley Hill

13

Nahant Harbor

14

Bass Point

15

Bass Rock Spindle

16

East Point

(not on sheet)

17

Egg Rock

18

Little Nahant

19

Black Rock ^{Light} Beacon

(see also #3)

20

Lynn Beacons

21

White Rocks ^{Light} Beacon

22

Dread Ledge (Beacon)

23

Pea Island

24

Shag Rocks

25

Little Nahant Beach

(not Shant Beach)

26

Nahant C.G. Station

(no longer active)

27

Remarks.	Decisions
1 Resubmitted to USGB	424709 USGB
2	"
3	"
4	"
5	"
6 Referred to USGB	424708 USGB
7	"
8	"
9 Referred to USGB	"
10 " "	"
11 " "	424709
12 " "	"
13	"
14	"
15	Desc. Rep. T-5773
16	"
17	"
18	"
19	424709
20	"
21	"
22	"
23 Referred to USGB: use this name pending decision	"
24	"
25	"
26 Referred to USGB: use this name pending decision	"
27 " " "	"

GEOGRAPHIC NAMES

Survey No. T-5773

Sheet No. 2

Name on Survey

	A	B	C	D	E	F	G	H	K	
Fishing Point ✓		(not known)								1
Kings Beach ✓										2
Blaney Beach ✓										3
Blaney Rock										4
Whale Beach ✓										5
Phillips Beach ✓										6
Beach Bluff ✓										7
Clifton ✓										8
Littles Point ✓										9
Galloupes Point ✓										10
Nahant Beach ✓										11
Lynn Beach ✓										12
Nahant ✓										13
Red Rock ✓										14
State Highway 107 ✓										15
State Highway 1A ✓										16
Boston and Maine Railroad ✓										17
Boston, Revere Beach and Lynn Railroad										18
Oak Island ✓										19
Bear Creek ✓										20
Diamond Creek ✓										21
Black Wills Cliff ✓										22
Sandy Point ✓										23
General Edwards Bridge ✓										24
Foxhall Bridge ✓										25
Hoods Point ✓										26
Cedar Point ✓										27

	Remarks	Decisions
1		424709
2		"
3		"
4		"
5		424708
6		424709
7		424708
8		
9		
10		
11	Josephs Beach on very old survey (T-288) and on 1946 U.S. "Hyatt" quad.	Thomas Beach
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
M 234		

GEOGRAPHIC NAMES

Survey No. T-5773

Sheet No. 3

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	
Castle Rocks ✓									1
Spouting Horn ✓									2
East Saugus ✓									3
Sanders Ledge ✓									4
Outer Ledge ✓									5
High Rock ✓									6
Ram Island									7
Lynn Yacht Club ✓									8
Black Rock Beach ✓									9
Dorothy Cove ✓									10
Josephs Beach ✓									11
Pond Beach ✓									12
Breeds Pond ✓									13
Birch Pond ✓									14
Flax Pond ✓									15
East Saugus ✓									16
Johns Peril ✓									17
Black Mine ✓									18
Bass Rock ✓									19
Fort Ruckmann ✓									20
7/21/48:									21
Revere Beach Amusement Park									22
Foster Pond									23
White Rocks Light									24
Sandy Point Light									25
									26
									27

(in Lynn)

Names underlined in red approved

by L. Heck on 8/7/42

N.B. Further check
needed when sheet
is in final form.

Made 7/2/45

Revised 7/21/48

(see above)

(on shore)

Additional Review from 9 lines photos. taken April 12, 1943

Considerable changes have taken place in the vicinity of the G.E. Company at Dangua River. The area, once mainly composed of marsh, has been filled in and numerous large buildings of the G.E. Company now occupy this site.

Numerous small ponds and pits have been added. A few roads have also been added.

All of the above detail has been shown on the Map Drawing in red acid ink accompanied by appropriate notes.

M. S. Mizell

February 10, 1945

Division of Photogrammetry
Review Report of
Planimetric Map Manuscript T-5773

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

28. Detailing.--Additions and corrections were made in red ink. The greater part of the additions were buildings. Shoreline was changed in several areas, *changes made from photographs taken in 1943 as recorded on the preceding page.*
40. Reservations.--Fort Ruckman, a military reservation, is shown by name and boundary, but the area is not delineated in detail.

43. Comparison with Previous Surveys.--

T-234	1:10,000	1847-66	T-2177	1:10,000	1894
T-235	1:10,000	1847-49	T-3767	1:10,000	1919
T-305	1:10,000	1949-50			

The present survey supersedes the former surveys for comparable detail in their common areas.

Reviewed by:

Under the direction of
D. H. Benson

K.H.M. 10/25/48
Lillian A. Lee,
23 January 1945

APPROVED BY:

B.G. Jones 10/48

Technical Assistant to Chief
Division of Photogrammetry

H. L. Lutenburg

E. L. Jones 29 Oct 48

E. L. Jones and K. T. Adams
Chief, Div. of Photogrammetry

C. K. Green

NAUTICAL CHARTS BRANCH

SURVEY NO. 5773

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.