

4696

Diag. cht- No. 1213-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey *Topographic*  
Field No. .... Office No. *4696*

LOCALITY

State *Connecticut*  
General locality *Cedar Point*  
Locality *to Norwalk*  
*River. Long Island*  
*Sound* *1932*

CHIEF OF PARTY

*S. B. Leonall*

LIBRARY & ARCHIVES

DATE *February 2, 1936*

B-1870-1 (1)++

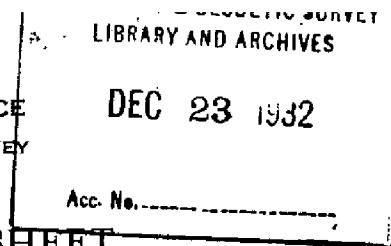
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Form 504 Ed. June, 1928	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
R. M. Patton, Director	
U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES	
FEB 2 1933	
State: Conn.	
Acc. No.	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. A 4696
LOCALITY	
Cedar Pt. to Norwalk River	
Long Island Sound	
1932..	
CHIEF OF PARTY	
S. B. Grenell, Jr. H. & G. E.	

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY



REG. NO. 4696

TOPOGRAPHIC TITLE SHEET  
Aluminum mounted

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. A

REGISTER NO. 4696

State Connecticut

General locality ~~Northwest Island~~ Long Island Sound

Locality Cedar Point to Ram Island

Scale 1:10,000 Date of survey June, 1932

Vessel Project HT-103

Chief of Party S. B. Grenell

Surveyed by J. C. Partington

Inked by "

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated April 18, 1932

Remarks: \_\_\_\_\_

DESCRIPTIVE REPORT  
to accompany  
TOPOGRAPHIC SHEET "A"  
CEDAR POINT TO NORWALK RIVER  
LONG ISLAND SOUND  
1932

INSTRUCTIONS:

This work was done in accordance with the Director's Instructions dated April 18, 1932.

CONTROL:

The third order triangulation stations determined in 1932 and recovered stations of previous work were used.

The following aids to navigation were located by triangulation and were used as control in addition to the triangulation stations shown by the conventional sign:

Pecks Ledge L. H.	1932
Grassy Hammock Bn.	1932
Round Beach Bn.	1932
Long Beach Bn.	1932
White Rock Bn.	1932

JUNCTIONS:

This sheet joins Topographic Sheet "D" on the eastward and Topographic Sheet "B" on the westward.

GENERAL DESCRIPTION:

Both shores of the Saugatuck River from Cedar Pt. to Bluff Pt. are low and sandy. Kitt's I. is low and grass covered. Gray Creek and Duck Creek are shoal and marshy. Seymour Rock is a low rock about 1/4 mile east of Seymour Pt.

From Bluff Pt. to Seymour Pt. the shore is low and sandy. From Seymour

2

Pt. to Sprite I. the shore is low and ~~sandy~~ marshy. Calfpasture Pt. is low and sandy. Both banks of the Norwalk River are low and sandy, a large tidal flat which covers at high water lies between Fitch Pt. and the highway bridge at South Norwalk. There are a number of docks along the west side of the Norwalk River at South Norwalk and there is a city dock on the east side of the river just south of the highway bridge.

The islands shown on this sheet are low and partly covered with trees. Their shores are sandy. All of the larger islands are inhabited during the summer season.

#### SURVEY METHODS:

The survey was done by the usual planetable methods using three point fixes wherever practicable. All signals were located either by three or more cuts or by two cuts and a rod reading. Traverses were run up the Saugatuck River and the Norwalk River and the Closures were well within the allowable limit of error and were adjusted.

All rocks awash and buoys shown on the sheet were located by three or more cuts. The amount which the various rocks and reefs bare was determined by noting the time at which the rocks were bare and reducing to mean low water by using the tide marigrams of the gage at South Norwalk.

A special effort was made to locate the low water line and this was done by rodding in the shoreline at the time of low water as taken from the Predicted tides at South Norwalk. *See review T-5261*

The range of tide at South Norwalk is approximately 7 ft. For convenience the following designations may be used for notes on rocks awash.

Bare 1 ft. and 2 ft. at L. W. ....	Bare at low water
" 3, 4 and 5 " " " .....	Bare at half tide
" 6 ft. and 7 " " " .....	Bare at high water

## CHANGES:

Changes have occurred northwest of Cedar Pt. at Hall I., Hendricks Pt., Seymour Pt., Calpasture Pt., Gregory Pt., and the east bank of the Norwalk River. These changes have been done by private companies reclaiming the land. There is very little change in any of the islands.

## LANDMARKS:

The landmarks are listed on Form 567, "Landmarks for Charts"

Respectfully,

*J. C. Partington*  
J. C. Partington,  
Jr. H. & G. E.

Approved:

*S. B. Hewell*

RECOVERABLE TOPOGRAPHIC STATIONS

SHEET A. T4696

Name	Latitude		D.M.	Longitude		D.P.	Remarks.
	°	'		°	'		
✓ Able	41	06	351	73	21	321	White flagpole.
Tow	41	06	945	73	22	44	Stone tower.
✓ Bat	41	04	1712	73	21	846	Lone tree.
Dog	41	07	176	73	22	171	Flagpole on lookout station.
Flag	41	06	1831	73	22	346	Flagpole on dock.
Cat	41	06	795	73	22	1044	Cupola on dock.
Pink	41	05	1752	73	22	287	Chy on conspicuous pink house
East	41	05	1366	73	22	199	East gable of house.
Pole	41	04	438	73	22	490	White pole.
Gob	41	05	953	73	24	501	Flashing red beacon.
In	41	05	1020	73	24	940	Round concrete tower.
Kit	41	05	118	73	24	702	White flagpole.
Lop	41	04	1700	73	24	755	White flagpole.
Nil	41	04	673	73	23	392	Brick chy of small house.
Aim	41	04	360	73	23	83	Chy on small house.
Box	41	04	77	73	23	895	Flagpole at inshore end of dock
Eva	41	03	1070	73	24	37	White pole.

Use recoverable stations shown on T-5261.  
 There seem to be discrepancies in positions  
 listed above. See also descriptive report for T-4902.

J. A. Mc Cormick

T 4696

# 1

	Remarks	Decisions
1		
2		
3	T 1537 has "Coppes"	DGN <u>Coppes</u>
4	" " "	DGN <u>Coppes</u>
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21	called "Hay I" on T 19	<u>Grossy</u>
22		
23		
24		
25		
26	"S" removed account both charts are using "Peck" also DGN	"Peck"
27	originally "Lawkins" all T 19	<u>Cockenoe</u>



Survey No. *T4696*

# (

Name on Survey

GEOGRAPHIC NAMES										
Survey No. T4696										
# 1										
Name on Survey	A	B	C	D	E	F	G	H	K	
	T-19 On Chart 221 No. 12/3	T-19 On Chart 221 No. 12/3	T-19 On Chart 221 No. 12/3	T-19 On Chart 221 No. 12/3	T-19 On Chart 221 No. 12/3	T-19 On Chart 221 No. 12/3	T-19 On Chart 221 No. 12/3	T-19 On Chart 221 No. 12/3	T-19 On Chart 221 No. 12/3	T-19 On Chart 221 No. 12/3
Long Island Sound	*	✓	✓	✓	✓		✓		✓	1
Beers Rocks	*		✓							2
Copps Rocks	*		✓							3
Copps I.	✓*	✓	✓	✓					✓	4
Crow I.	*		✓							5
Chimon I.	✓*	✓	✓				✓		✓	6
Ram I.	✓*	✓	✓	✓			✓			7
Tree Hammock	*		✓							8
Sandy Hammock	*		✓							9
Deep Hole Hammock	*		✓							10
Fitch Reef	*		✓							11
Harborview	*									12
Peach I.	*								✓	13
White Rock	✓*		✓							14
Long Beach	✓*		✓						✓	15
Rogers Reef	*		✓							16
Calf Pasture Point	✓*	✓	✓	✓	✓				✓	17
Calf Pasture I.	✓*		✓	✓					✓	18
Round Beach	✓*		✓						✓	19
Betts I.	✓*		✓	✓					✓	20
Grassy I.	*		✓	✓					✓	21
Grassy Hammock Rls	*		✓						✓	22
E. White Rock	*		✓						✓	23
Cockenoe I. Harbor	*								✓	24
Goose I.	*	✓	✓						✓	25
Peck Ledge L.H.	*	✓							✓	26
Cockenoe I.	*	✓	✓	✓			✓		✓	27

Names underlined in red approved  
 by CRJ on 8/4/36

T 4696

# 2

Remarks

Decisions

1		
2	+1537 has "S"	<u>Seymour</u>
3	" " "	"
4		
5		
6		
7		
8		
9		
10		
11		
12	Chart 221 has " <u>Judah</u> " <del>Cove</del>	
13		
14		
15		
16		
17	"	
18		
19		
20		<u>Owenoke</u>
21		
22	Chart 221 has " <u>Judah</u> " USCP has "Judy"	
23	<u>Judy A</u> 11/19/40	
24		
25		
26		
27		



# GEOGRAPHIC NAMES

Survey No. T 4696

# 2

Name on Survey

<u>Cockenoe Reef</u>	*										1
<u>Seymour Rock</u>	✓*	✓			—						2
<u>Seymour Point</u>	*	✓		✓	—			✓		✓	3
<u>Sheep Rocks</u>	*	—								✓	4
<u>Sprite I.</u>	✓*	—	—	✓	—					✓	5
<u>East Norwalk</u>	*✓	✓		✓			✓	✓		✓	6
<u>Fitch Point</u>	*				✓					✓	7
<u>Gregory Point</u>	*			✓	✓					✓	8
<u>Norwalk River</u>	✓*	✓	✓	✓	—					✓	9
<u>South Norwalk</u>	*✓	✓		✓	✓		✓	✓		✓	10
<u>Duck Creek</u>	*				✓					✓	11
<sup>Judah</sup> <del>Judy</del> <u>Cove</u>											12
<u>Burritt Cove</u>	*										13
<u>Stony Point</u>	*										14
<u>Kitts I.</u>	*				—					✓	15
<u>Bluff Point</u>	*				—					✓	16
<u>Saugatuck River</u>	✓*	✓	✓	✓	✓			✓		✓	17
<u>Hendricks Point</u>	*										18
<u>Gray Creek</u>	*				✓						19
<del>HAND</del>	*										20
<u>Cedar Point</u>	✓*	—	—	✓	✓					+	21
<sup>Judah</sup> <del>Judy</del> <u>Point</u>	*									✓	22
											23
											24
											25
											26
											27

Names underlined in red approved  
by C.P.A. on 8/4/36

Names underlined in red approved

by C.R.A. on 8/4/36

## Section of Field Records

Review of Topographic Survey T-4696 (1932)

Cedar Pt. to Rams Island, Long Island Sound, Connecticut

Surveyed. June 1932

Instructions dated: April 18, 1932

Chief of Party: S. B. Grenell

Surveyed by: J. C. Partington

### 1. Condition of Records

The records conform to the requirements of the topographic manual with the following exceptions:-

- a. The datum for referencing rocks awash should have been M.L.W. instead of L.W.
- b. Notes regarding rocks awash are shown in vertical letters. Slanting lettering should have been used.
- c. Recoverable Topographic stations, although listed in the Descriptive Report were not submitted on Form 524.
- d. There is a conflict as to what features the ~~map~~ ~~sharp~~ ~~Rocks~~ should apply and the matter is referred to the Geographic Names section.

### 2. Compliance with Instructions for the Project

The survey complies with the instructions except that ~~that~~ <sup>fact</sup> Sauguttuck River and Norwalk River should have been surveyed for another mile further north to embrace the ~~required~~ <sup>required</sup> area which was to include the limits of Chart No. 221

### 3. Junctions with Contemporary Surveys

Satisfactory junctions were made with T-4695 (1932) and with T-4697 (1932)

#### 4. Comparison with Prior Surveys

a. T-19 (1835)

The agreement in the high water line is good except where land had been reclaimed. There are a few minor changes in size and shapes of some of the islands but this is probably due to a difference in interpretation of the high water line. Round Beach in Lat 41-04.8 Long 73-23.8 formerly shown bare at high water, is now shown as bare 7 feet at L. W. all rocks of the former survey have been verified.

b. T-1537 (1884)

The change in high water line which has occurred was caused by land reclamation (see D. R. page 3). The prior survey appears to have been executed with less care in the interpretation of the high water datum and this has resulted in some minor differences the size & shape of some of the islands. Round Beach Lat 41-04.8 Long 73-23.8, formerly shown bare at H. W. is now shown as having 7 ft at M. L. W.

The sunken reef off Coppes I. Lat 41-03.6 Long 73-23.5 has been relocated in a different position by the Hydrographic Party and the old topographic location is not being carried forward. a low water reef NE from Coppes I. in Lat 41-03.6 Long 73-23.1 shown on the previous survey is not carried forward because of very thorough hydrography in this area which disproved the existence of this particular reef.

Other minor discrepancies notably in the delineation of Cockenoe Reef were noted but no rocks are being carried forward because of positive information that all such features were investigated by the contemporary hydrographic party.

Carried forward. See  
R. H. 6123 (11-3-34)  
N. 121-126

(Fitch Reef in Lat 41-03.9 Long 73-24.6  
 originating with the prior survey was verified  
 by the hydrographic party and is being carried  
 forward in red.)

# REVIEW OF GRAPHIC CONTROL SURVEY T-4696, SCALE 1:10,000

Date of Review *May 12, 1937*

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5260, , with particular attention to the following details:

- (a) Projection has been checked in the Field. ✓
- (b) Accuracy of location of plane table control points.  
*no common points located by photo plot*
- (c) Discrepancies between detail on this survey and the air photo compilations listed above. -
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. *no form 524 submitted*

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5260, 5261, for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

Notes and corrections resulting from the review are shown on this survey in green. *In part only*

*Because of numerous additions and corrections to this survey, which are shown completely on photo compilation T-5260, <sup>for area covered</sup> that compilation should be used for chart compilation. ~~for area covered~~*

*J. L. Price Jr.  
May 12, 1937*

*Note: T-5261 Reviewed by J. A. McCormick also included area covered by this survey. <sup>T-4696</sup> See descriptive report of T-5261.*

*J. L. P.*

T-2934 (1909)

This is a revision survey on Chart 267.  
There is no disagreement between the areas which were actually revised and the present survey.

5. Field Drafting

The field making of the survey is satisfactory.

6. Additional Work Recommended

No additional field work is required.

7. Superseding old Surveys

Insofar as the topography actually covered on the present survey is concerned, it supersedes the following surveys for charting purposes:

T-19 (1835) in part

T-1537 (1884) " "

T-2984 (1909) " "

Reviewed by W. J. Fawcett Mar 1934

See descriptive report for T-5261, for discussion of discrepancies with that sheet. See also descriptive report for T-4902.

APPROVED

J. A. McCormick

C. K. Green

See also T-5260 for difference with T.M.P. Chart sheet.