



2948

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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. H. Tittmann
Superintendent.

State: *New York*

DESCRIPTIVE REPORT.

Top Sheet No. *2948*

LOCALITY:

*Long Island, South Shore
from Cedar Island to
Fire Island Light.*

1909

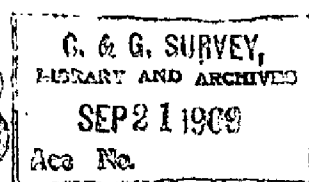
CHIEF OF PARTY:

E. B. Latham

2948

COAST AND
GEODETIC SURVEY
SEP 20 1909

2948



Assistant in Charge.

Descriptive Report

Topographic Sheet

No. 2948

with list of Planetable positions

Objects useful to navigation

data for revision of note Signal

Station. on Charts Nos- 8-52-119

Sept 20-1909.

E. B. Satham.

Chief of Party. C. & G. S.

Descriptive Report,
Topographic Sheet Number 2948
South Shore of Long Island, New York.
From Fire Island Light to Cedar Island.

This sheet was surveyed during the months of April and May 1909, in compliance with instructions dated March 22nd 1909.

This sheet is not a complete topographical survey of the region shown, but a survey for the revision of Coast Survey Chart, number 119, including a redetermination, and checking of the shore line, and the locating of objects usefull for navigation purposes. The entire ocean beach was resurveyed, also the shore line in the vicinity of Fire Island Inlet. At other places the position of the shore line in Great South Bay was tested by transfer of the shore line from the survey of 1875 and later. The old shore line was found to be but little changed, and the old shore line was assumed to be good for this date.

The summer resort at Oak Island Beach and the clubhouses in the immediate vicinity of Fire Island Inlet are all the improvements on the sheet. There is a ferry, operated between Oak Island and the following points, Amityville, Babylon and Bay Shore. Boats run about twice each day

during July, August and September.

A blue print copy of the survey by the Engineer Corps of the Army made in 1905, in three sheets, is filed in the office by me. This survey was connected with Coast Survey data by my triangulation.

A list of positions and their elevations of objects determined by the plane table, a list of objects probably of use in navigation, data for a revision of the note Telegraph Signal Stations on Charts Nos. 8-52 and 119 are herewith submitted. Suggestion of revision etc for the Coast Pilot in the region covered by the seasons work is submitted separately.

Respectfully
E. B. Satham
Assist C. S. Surveyor

Washington Sept 20th 1909

Prominent objects, of probable use to navigation.

- Towers of the Western Union and Postal Telegraph Companies on Firi Island Beach. Owing to the proximity of Firi Island Light House, these objects are of doubtful utility.

The water tower and buildings at Point of Woods. (not on sheet no. 2948.)

Firi Island Life Saving Station, Firi and on half mile east of Firi Island Inlet entrance to Channel House on Oak Island Beach, one mile to east of entrance to Firi Island Inlet, entrance to Channel.

Inside inlet, Havermyers Clock tower, Ma Ma Funder, and Short Beach Club houses.

*Name table positions, Topographic Sheet Number 2948
 South Men of Long Island, Light to Cedar Island
 Scale 1/10,000*

<i>Objects</i>	<i>Latitude</i>			<i>Longitude</i>			<i>Elev.</i>	<i>Remarks</i>
	<i>°</i>	<i>'</i>	<i>seconds</i>	<i>°</i>	<i>'</i>	<i>seconds</i>	<i>Feet</i>	
Square black tower	40	37	1567	73	12	1058	97	Wrecked Station West Union
East mast. Wrecked Sta. heavy Dept	40	37	1817	73	12	1377		Navy Dept. Station.
Boundary Stone and Bench mark	40	38	120	73	12	1342	3	Square granite post.
Flag pole Short Beach Club.	40	38	1688	73	13	826	69	F.P. on top of Club-house
Oyster house	40	38	1588	73	14	1318		
Oyster house, top of house	40	38	1669	73	14	1211	22	Top of stove pipe
Four inch terra cotta pipe	40	39	563	73	14	883	1	
Four inch terra cotta pipe	40	39	62	73	14	283	1	
Four inch terra cotta pipe	40	38	393	73	15	533		
Telegraph line pole, cable landing	40	37	1563	73	14	526		Westernmost of two landings
Fire Island Life Saving Station	40	37	¹²³⁵ 1237	73	13	⁶⁸⁵ 682	30	Top of pyramidal tower red in desert for an elevation determination
Four inch terra cotta pipe	40	37	946	73	15	1320	2	
Four inch terra cotta pipe	40	38	321	73	15	1172		
Cedar Island Life Saving Sta	40	38	⁶⁶³ 669	73	17	¹²²⁸ 1222		Top of Pyramidal tower
Wallaqa	40	38	433	73	18	403		
Lehimney	40	38	232	73	19	05		South Chimney, Yellow
Chimney house	40	37	863	73	21	1211		Stand alone 1/2 mile E. of L.S.S.
Four inch terra cotta pipe	40	39	102	73	20	815	1	
Four inch terra cotta pipe	40	38	1662	73	21	450	1	

Data for note, Telegraph Signal Stations
Charts Nos 8-52 and 1191

The Western Union and Postal Telegraph Cos. maintain observation towers and wireless telegraph stations on Fire Island Beach.

Each Company has an observer on duty, day and night to report vessels or to transmit messages.

The United States Navy Department has a wireless station on Fire Island Beach.

The position of the Navy Department and the Western Union Cos station is shown on topographic Sheet No 2948.

The position of the Postal Cos. Station as well as that of the first two Stations mentioned, is determined by the triangulation of 1909.

Respectfully
E. B. Satham
Asst. C. S. Survey