

4326

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Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
....., Director	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">G. & G. SURVEY L. & A. JUN 27 1928 Acc. No.</div>	
State: New York	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. ^B 4326
LOCALITY	
South Coast of Long Island	
Far Rockaway to Long Beach	
1927	
CHIEF OF PARTY	
C. D. Meaney	

GOVERNMENT PRINTING OFFICE

C. & G. SURVEY L & A. JUN 19 1928 Acc. No.

DESCRIPTIVE REPORT

TO ACCOMPANY

TOPOGRAPHIC SHEET B

U. S. C. & G. Survey.

E. Lester Jones, Director.

C. D. Meaney
Chief of Party

INSTRUCTIONS

In accordance with instructions dated April 8, 1927, and June 13, 1927, a survey was made along the outside coast of Long Island from the Edgemere Hotel to longitude $73^{\circ} 37'$ W. Topographic revision necessary to the prosecution of hydrography was executed on the inside coast of this area in accordance with the same instructions.

TOPOGRAPHY BY

The topography was executed by C. D. Meaney, Lieutenant U. S. C. & G. Survey.

CONTROL

The topography was controlled by triangulation stations Edgemere Hotel, Highest Building Far Rockaway, East Rockaway Inlet, C. G. Flagtower, Swamp, Hicks, Bell, Outer, Rail, and Long Beach Standpipe.

SURVEY METHODS

The following traverses were run with closing errors as noted: East Rockaway Inlet Coast Guard Tower to Edgemere Hotel checked by re-sections on Highest Building Far Rockaway and three point fixes, East Rockaway Inlet Coast Guard Flagtower to south of signal TIM closing error 18 meters; Outer to signal Lad no closing error. For the inside revision three point fixes and short traverses required no adjustments. The location of U. S. E. signal E. R. Point by topography carries out the instructions of June 13. Signal E. R. Flagpole is East Rockaway Flagtower 1926 triangulation; signal Topo is signal Bar 1926 topography.

GENERAL DESCRIPTION

This shoreline has been described in a report for 1926.

CHANGES

The revision was necessary on account of changes both natural and artificial. In the vicinity of East Rockaway Inlet substantial jetties have been built in an effort to preserve the beach, East Rockaway Point has moved westward about one hundred fifty meters in one year, a new bridge has been completed across Reynold's Channel connecting Far Rockaway and Atlantic Beach, a new road has been built from Atlantic Beach to Long Beach; fills have been made on the inside beach, marsh land reclaimed and bulkheads constructed, along the outside beach jetties and bulkheads have both been constructed, a gas

tank has been built at Long Beach, and a new hotel known as the Lido Hotel has been built on the outside coast. East of Island Park canals have been dredged and marsh land filled.

The position of objects useful for navigation are on a separate sheet (Form 567) accompanying this report.

Letter 75-1927

Respectfully submitted,

C. D. Meaney

C. D. Meaney,
Lieutenant, U. S. C. & G. S.

Inspected and found adequate.

E. P. Rice, July, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

REG. NO.
4326

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. B

REGISTER NO. 4326 **4326**

State New York

General locality South Coast of Long Island

Locality Far Rockaway to Long Beach

Scale 1:10,000 Date of survey June to November, 192 7.

Vessel Launch 66

Chief of Party C. D. Meaney

Surveyed by C. D. Meaney

Inked by C. D. Meaney

Heights in feet above - - - to ground to tops of trees

Contour, Approximate contour, Form line interval - - - Feet

Instructions dated April 8 and June 13,, 192 7

Remarks: