

4274

Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
E. Lester Jones, Director	
State: N.Y.	
Z.C. SURVEY L & A MAR 21 1927 App. No.	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. ³ 4274
LOCALITY	
South coast of Long Island	
North of Short and High Hill Beaches	
1926	
CHIEF OF PARTY	
C.D. Meaney Lt. jg U.S.C. & G.S.	

GOVERNMENT PRINTING OFFICE

4274

DESCRIPTIVE REPORT

TO ACCOMPANY

TOPOGRAPHIC SHEET NO. 3.

LOCALITY AND LIMITS

The topography on this sheet is along the south coast of Long Island between latitude $40^{\circ} 35' 15''$ N and latitude $40^{\circ} 40' 11''$ N and between longitude $73^{\circ} 27'$ W and longitude $73^{\circ} 41' 4''$ W.

JUNCTIONS

This sheet joins sheets 2 and 2a on the west and sheet 4 on the east.

CONTROL

The topography was controlled by the following triangulation stations: Short Beach Life Saving Station cupola, Short, Zack's Inlet Life Saving Station cupola, Brant Point Hotel Iron Pipe, Team, Fry's Cupola and Fort 1909 EB.L.

SURVEY METHODS

The following traverses were run with the following results: Short to Zack's Inlet Life Saving Station Cupola (7 meters closing error) Fort to a three point fix at o Turn (14 meters closing error), from a three point fix at o Love to Fry's Cupola (4 meters closing error, from a three point fix at o Love to o Turn by way of the Merrick road (10 meters closing error) from o Turn to o Sly by way of the Merrick road no error. The remainder of the topography was run in from three point fixes.

Several 2 x 4's marked by three tacks in the form of a triangle supplemented by other easily distinguished objects such as stacks and chimneys were located to supplement control for future hydrography.

GENERAL DESCRIPTION

The outside shoreline which borders the Atlantic Ocean is a gently sloping sand beach. The beach is accessible only by water and is consequently only little used for bathing. Changes in the shoreline as determined from previous sheets are very noticable. High Hill Inlet is at present completely closed while the shoreline has changed two hundred meters in places during the past seventeen years. Except for developments on the north shore and a few sand dunes, the land is marshy. The shoreline from o Fort westward is being developed. Several canals have been dug, marshy land has been filled in, and creeks have been dredged deeper.

COMMUNICATION

Along the north shore roads make the shoreline accessible by land. The remaining Islands and Short and High Hill beaches are accessible only by boat.

SUPPLEMENTAL DATA INCLUDED

A list of planetable positions available for future hydrography and a list of landmarks for charts are furnished with this report. Four blueprints of developments in the area of this sheet are contained in a separate package.

Respectfully submitted,

C.D. Meaney
C.D. Meaney

Lt. jg U.S.C. & G. Survey.

Name	Latitude	Longitude	Description
Pill	40° 35'	1140 73 30	1387 Signal white flag
Sign	40 35	1215 73 30	806 Sign on sand dune
Basket	40 35	1369 73 29	911 Basketon stake
First	40 35	1380 73 29	723 Most westerly house High Hill Beach
Red	40 35	1443 73 29	422 Red roof house
Center	40 35	1519 73 27	205 Center house
Nell	40 36	197 73 30	759 Signal
Key	40 36	59 73 30	495 Keybox end pole
Sud	40 36	983 73 30	452 1 x 3 Signal
White	40 36	178 73 29	1180 Signal
Nail	40 36	259 73 29	1167 Three nails corner pole
Dutch	40 36	1653 73 29	586 2 x 4 Signal
Pat	40 37	31 73 30	105 Chimney pipe projecting from center of top
Mik	40 37	153 73 30	45 Stack
Amos	40 37	385 73 30	33 New chimney red house
Pin	40 37	458 73 30	1050 Stack
Aft	40 37	684 73 30	1222 Signal
Poch	40 37	1408 73 30	353 Stack
Et	40 37	1502 73 30	197 Stack
Clew	40 37	298 73 31	609 Chimney white house
Nab	40 37	866 73 31	644 Stack
Rat	40 37	754 73 29	1278 Sig 2 x 4
Set	40 37	741 73 28	962 Signal
Pluto	40 37	750 73 29	363 1 x 6 Signal
Tim	40 37	1294 73 28	1127 Signal black cloth
Cros	40 38	08 73 28	1052 Signal
Tip	40 38	1829 73 28	1142 2 x 2 and 2 x 5
Crosby	40 38	120 73 29	568 Signal
Owl	40 38	1530 73 27	1196 Signal 4 x 6
Con	40 38	149 73 29	1161 Signal black cloth
Turn	40 38	1511 73 29	1355 Scaffold
Sly	40 38	1480 73 29	432 Keybox end pole
Noc	40 38	779 73 30	450 Signal
Ri	40 38	444 73 30	765 Signal
Loft	40 38	1249 73 30	518 Signal
Cook	40 38	1040 73 30	1308 Center house
Love	40 38	974 73 31	130 Signal
Sir	40 38	1585 73 31	194 Signal
Pelt	40 39	146 73 31	311 Signal
Tan	40 39	595 73 31	257 Signal
Arm	40 39	606 73 30	983 Signal
Us	40 39	1032 73 30	984 Signal
Teach	40 39	1504 73 30	1003 Signal
Again	40 39	232 73 30	357 Signal
Post	40 39	429 73 29	1360 Three tacks in post
Light	40 39	1599 73 29	937 Tower resembling lighthouse
Joy	40 39	531 73 29	273 Signal
Jack	40 39	964 73 29	354 Signal
Plu	40 39	1276 73 29	471 Signal

Ram	40	39	1272	73	29	300	Signal
Cant	40	39	1459	73	29	157	Signal
Slab	40	39	39	73	28	676	Signal
Num	40	39	30	73	28	83	Signal
Kem	40	39	494	73	28	256	2 x 2 and 2 x 4 Signal
So	40	39	1033	73	28	247	Signal
Luck	40	38	528	73	30	964	Signal
End	40	36	449	73	29	772	End pole

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4274

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. 3

REGISTER NO. 4274

State New York

General locality South Coast of Long Island

Locality North of Short and High Hill Beaches

Scale 1:10000 Date of survey Oct. and Nov., 1926

Vessel Launch #66

Chief of Party C.D. Meaney

Surveyed by C.D. Meaney

Inked by C.D. Meaney Marsh symbol by K.G. Crosby

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

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

Instructions dated April 30, 1926

Remarks: -----