

6500

Graphic Control

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

DEC 28 1936

Acc. No.

Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. K
~~Hydrographic~~

State New Jersey

LOCALITY

Barnegat Bay

~~High Point~~

Sandy Island to Carvel Island

1936

CHIEF OF PARTY

John A. Bond

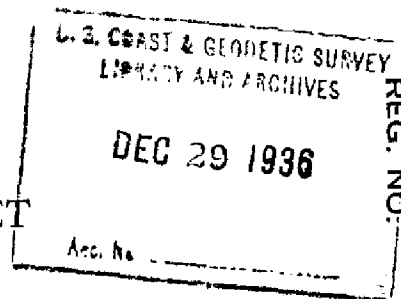
U. S. GOVERNMENT PRINTING OFFICE: 1934

W. L. Graham

Graphic Control

6500

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



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. K

REGISTER NO. T6500

State New Jersey

General locality Barnegat Bay

Locality ~~High Point~~ Sandy I. to Carvel I

Scale 1:10,000 Date of survey June, 19 36

Vessel Launch MIKAWA

Chief of party John A. Bond

Surveyed by D. M. Watt

Inked by D. M. Watt

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated _____ May 16, 19 35

Remarks: _____

DESCRIPTIVE REPORT

To Accompany Graphic Control Sheet K

Barnegat Bay, South of High Point.

INSTRUCTIONS

The graphic control on sheet K is a part of Project HT-205, the instructions for which were dated May 16, 1935.

PURPOSE OF SURVEY

The purpose of this sheet was to locate signals for hydrography.

GENERAL DESCRIPTION

This sheet covers both shores of Barnegat Bay between Surf City and High Point.

LANDMARKS FOR CHARTS

A list of landmarks for charts will be submitted in a separate report.

NON-FLOATING AIDS TO NAVIGATION

The light, hydrographic signal TIP, is temporary. This light is mounted on a single pile about 10 inches in diameter which extends about 10 feet above the water. In late fall, this light is removed and the ice usually destroys the pile during the Winter. The following Spring no effort is made to replace the light at the exact location as the previous season.

DISCREPANCIES

- (1) The location of the station "N. GABLE GARAGE" as determined by Lieutenant R. C. Bolstad's air-photo compilation party, could not be checked in the field with the planetable. The position as determined with the planetable is indicated on the sheet by the cuts and center of inked circle, and the photo location was plotted. This discrepancy is minor.
- (2) The small discrepancy between air-photo and planetable location of Bear Island (hydrographic signal PAN) was noticed while in field. This signal and island was rodded from a three point fix. After the discrepancy was noted a second 3 point fix was made and a check cut made on signal PAN. The location of the signal checked from the different 3 point fixes, so it is believed that the island, as shown on the sheet, is correct.

CONTROL

The sheet was well controlled with triangulation and air-photo stations established by Lieutenant R. C. Bolstad. All the described stations, established by Lieutenant Bolstad, were found to check the planetable locations excellently with the exception of the station N. GABLE GARAGE. This minor discrepancy has been noted in a previous paragraph.

RECOVERABLE TOPOGRAPHIC STATIONS

Seven new recoverable topographic stations were located. These stations are described on forms 524.

Submitted by,

D. M. Watt

D. M. Watt

Approved by,

J. A. Bond

John A. Bond
H. & G. Engineer
Chief of Party

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOSTAT OF~~

~~No. H-~~
No. T 6500

{ received DEC 28 1936
registered JAN 9 1937
verified
reviewed
approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
20			
22			
24			
25			
26			
30			
40			
62			
63			
82			
83			
88			
90			

RETURN TO

82	C.K. Green
----	------------

REVIEW OF GRAPHIC CONTROL SURVEY T-6500 , SCALE 1:10,000

Date of Review 2/4/27 2/15/37

- ✓ 1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5099, 5443 , , with particular attention to the following details:
 - ✓ (a) Projection has been checked in the Field.
 - ✓ (b) Accuracy of location of plane table control points.
 - ✓ (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.
- ✓ 2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-5099, 5443 , , 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.

L. C. Landy

F. R. Tolson

Remarks

Decisions

1		See T-5098
2		" "
3		" T-5443
4		" "
5		" "
6		" "
7		" "
8		See T-5098
9		" T-5443
10		" "
11		see T-5099
12		" "
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-6500

GEOGRAPHIC NAMES										
Survey No. T-6500										
Name on Survey	On Chart No. 1216	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		
	A	B	C	D	E	F	G	H	K	
<u>Sandy Island</u>	✓ app'd									1
<u>Long Beach</u>	✓ app'd									2
<u>Harvey Sedges</u>	✓ app'd									3
<u>Carvel Island</u>	✓ app'd									4
<u>Bear Islands</u>	✓ app'd									5
<u>Main Point</u>	✓ app'd									6
<u>Turtle Cove</u>	✓ app'd									7
<u>Barnegat Bay</u>	✓ app'd									8
<u>Flat Creek</u>	✓ app'd									9
<u>Surf</u>	✓ app'd									10
<u>Harvey Cedars</u>	✓ app'd									11
<u>High Point</u>	✓ app'd									12
										13
										14
										15
										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

Names underlined in red approved

by WEC on 3/2/37

Names underlined in red approved

by ME on 3/2/37