

6499

Graphic Control

6499

Graphic Control

Form 504 Rev. Dec. 1933	
DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY R. S. PATTON, DIRECTOR	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. J
State New Jersey	
LOCALITY	
Barnegat Bay	
Clam Island to Sandy Island	
193 ^{5&6}	
CHIEF OF PARTY	
Jack C. Sammons & John A. Bond	

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

REG. NO.

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. "J "

REGISTER NO. T6499

State New Jersey

General locality ~~Inland waters of New Jersey~~

Locality Barnegat Bay Clam IX. to Sandy I.

Scale 1:10,000 Date of survey July, 1935
June, 1936

Vessel Shore Party No. 2 * LAUNCH MIKAWA Shore Party

Chief of party Jack C. Sammons * John A. Bond

Surveyed by H. J. Bozzo * D. M. Watt

Inked by J. C. Sammons * D. M. Watt

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

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

Instructions dated May 16, 1935

Remarks: Hydrography only partially complete in 1935

Hydrography completed by Mikawa in 1936

DESCRIPTIVE REPORT TO ACCOMPANY GRAPHIC CONTROL SHEET 'J'.

Graphic Control Sheet 'J' covers the portion of Long Beach between Barnegat Inlet and High Point and a portion of Barnegat Bay. The field work on this sheet was only partly completed. That portion of the field work which was completed has been inked in, but the remainder of the sheet has not been inked in, so that additional work may be done on it. None of the stations located on this sheet were used in hydrography.

It is noted that the shore line around Barnegat Inlet does not check the shore line as shown on the Photo Compilation. All shore lines around this inlet are subject to changes. Field work had to be stopped on account of shortage of funds, before this sheet was completed.


Lt. Jack C. Sammons,
Chief of Party.

SUPPLEMENTAL REPORT *of 1936*

To Accompany Graphic Control Sheet J

Barnegat Bay, South of Barnegat Inlet.

INSTRUCTIONS

The graphic control on sheet J 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 and rod shoreline where H.W.L. has changed since air-photos were compiled.

GENERAL INFORMATION

This sheet was begun by Lieutenant J. C. Sammons' party in July 1935 and field work approximately 50% completed when that party was disbanded. The sheet was completed by D. M. Watt under supervision of Lieutenant John A. Bond in June 1936.

LANDMARKS FOR CHARTS

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

NON-FLOATING AIDS TO NAVIGATION

The two lights, hydrographic signals BOY and TAG are temporary. These lights are mounted on single piles about 10 inches in diameter which extend approximately 10 feet above high water. In late Fall the lights are removed and the ice usually destroys the piles during the Winter. The following Spring no effort is made to replace the light at the exact location as the previous season.

CONTROL

The sheet was well controlled by triangulation and air-photo stations established by R. C. Bolstad. All the described stations established by R. C. Bolstad were found to check the planetable locations excellently.

SHORELINE

The rodged shoreline south and west of the marked point near triangulation station. BARNEGAT LIGHT 2, 1932 was determined after it was noted that the shoreline had erroded several meters since the photos were taken. This shoreline erroded approximately 5 meters in

May 1936. This was noticed by the topographer from a stake driven near the shoreline early in May and when this locality was re-visited to determine present H.W.L. the extent of erosion was estimated.

SURVEY METHODS

Signals were located by cuts from previously located points and three point fixes at ~~sight~~ ^{site} of the signal. No stadia traverses were run.

RECOVERABLE TOPOGRAPHIC STATIONS

All recoverable topographic stations on this sheet were established and previously described by R. C. Bolstad and J. C. Sammons.

GEOGRAPHIC NAMES

Information relative to geographic names was obtained by the photo-compilation party of R. C. Bolstad.

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 } ~~No. H-~~
 PHOTOSTAT OF } No. T6499

{ 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
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RETURN TO

82	C.K. Green
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REVIEW OF GRAPHIC CONTROL SURVEY T-6499, SCALE 1:10,000

Date of Review 2/9/27

2/9/37

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5098, 5097, , 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-5098, 5097, , 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

J. R. E. E. E.

Remarks

Decisions

1		see T-5097
2		" "
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5		see T-5099
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GEOGRAPHIC NAMES

Survey No. T-6499

GEOGRAPHIC NAMES											
Survey No. T-6499											
Name on Survey											
	A	B	C	D	E	F	G	H	K		
<u>Clam Island</u>	✓ app'd										1
<u>Barnegat Bay</u>	✓ app'd										2
<u>Barnegat City</u>	✓ app'd										3
<u>Atlantic Ocean</u>											4
<u>sandy Island</u>	✓ app'd										5
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Names underlined in red approved											26
by <u>gfc</u> on <u>3/2/57</u>											27