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Form 504 Rev. Dec. 1933 DEPARTMENT OF COMMERCE

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

# DESCRIPTIVE REPORT

Topographic | Hydrographic |

Sheet No. G and H

State New Jersey

LOCALITY

a-Barnegat Bay; Forked River to Waretown

b-Barnegat Bay; Barnegat Injet

193 5

CHIEF OF PARTY

J.C. Sammons

U. S. GOVERNMENT PRINTING OFFICE: 1994

# 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.

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G

# 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.

tateNew Jersey
eneral localityInland Waters of New Jersey. Barnegat Bay
ocality Barnegat Bay Barnegat Inlet
Scale. 1:10.000 Date of surveyJuly, 1935
VesselShore Party No. 2.
Chief of party Jack C. Sammons
Surveyed by
Inked by
Heights in feet aboveto ground to tops of trees
Contour, Approximate contour, Form line intervalfeet
Instructions dated
Remarks:
970

DESCRIPTIVE REPORT TO ACCOMPANY GRAPHIC CONTROL SHEETS 'G' and 'H'.

## LIMITS OF SHEETS

Geographic control sheets 'G' and 'H' are on opposite faces of the same aluminum mounted sheet. Sheet 'G' includes the eastern shore of Barnegat Bay from Forked River to below Waretown. It joins on to Sheet 'F' at the northern limit and to Sheet 'H' at the southern limit. It extends from Lat.39° - 46.5' to Lat.39° - 50.5' and from Long. 74° - 09' to Long. 74° - 12'.

Sheet 'H' is divided into two strips. The eastern strip includes

Island Beach from Island Beach Coast Guard Station to Barnegat Inlet,

and joins on to Sheet 'F' at the northern limits and to Sheet 'J' at

the southern limits. The western strip covers the west shore of

Barnegat Bay from Waretown to Gunning River and joins on to Sheet 'G'

at the northern limits and to Sheet 'K' at the southern limits.

(Sheet 'K' has not been executed).

### SURVEY METHODS

A photographic compilation of this area had been completed before the topography was begun. These Graphic Control Sheets were executed in order to furnish control for the hydrographer and to locate additional points for checking the photographic compilation. In the inside waters where the shore line changes but little, small patches of shore line were rodded in at each set-up. Along the outside coast where the shore line is more subject to changes, the shore line was rodded in so as to show changes which may have occured

since the photographs were taken. Only standard methods were used in this work.

## CONTROL:

A decided effort was made to recover and co-ordinate all control points which fall within the area covered by these sheets. All old triangulation stations were plotted on the sheets and searched for by the topographer. The old stations which were searched for but could not be found are shown on these sheets in pencil and should be considered lost. The control for these sheets consists of numerous old recoverable triangulation stations and new stations establied by this party with second order accuracy.

In addition to these triangulation stations there are numerous stations located and described by the Photo Compilation

Party, as well as stations established by the U.S. Army Engineers
and by the E.R.A. The positions of stations located by the

Photo Compilation Party were verified. The stations established by the U.S. Army Engineers and the E.R.A. were located, as
no positions of these stations were available.

### TRAVERSES AND DISCREPANCIES

A stadia traverse was run from signal Forked up the north bank of Forked River to Forked River M. E. Church and back down the south bank of the river to station Bed, the position of which was taken from sheet 'F'. This traverse checked out good but showed all the signals previously located by the Photo Compilation Party to be out, in an east and west direction by

about five (5) meters. The westerly position of the traverse was then run and checked out good. At this time our funds ran out and it was necessary to disband our party. However, I did manage to locate one of the signals of the Photo Compilation Party (Station Tank Windmill) by triangulation and it proved to be out a little more than two (2) meters in a north and south direction but correct in an east and west direction. The traverse was adjusted as follows: -- the cuts to Tank Windmill were back plotted from the true position of this station and the traverse from signal Forked to position No. 19 replotted and a good portion of the error picked up this way. This section of the traverse was then adjusted to the cuts to Station Tank Windmill. The remainder of the traverse was replotted from the adjusted position of position No. 19, and checked the positions of the Photo Compilation Party well. It was also found that the position of Bed had been transferred incorrectly and this accounted for the original traverse checking out. Another traverse was rum on Sheet 'G' from Station Shell, up the Oyster Creek and back This traverse checked within less than two (2) to Station Shell. meters and was unadjusted.

A traverse was run along the shore line from Station Ware to Station Shell on Sheet 'G'. This traverse closed out three (3) meters short and the error was adjusted.

Another traverse was run from Station Ware to signal Cottage and as this checked the plotted position of Cottage within one (1) meter, it was considered accurate.

On Sheet 'H' a traverse was run from Station Inlet, along the

bank to Station Forked River. This traverse failed to check and was re-run from Forked River to signal Bar where the new traverse checked the old traverse correctly.

Another traverse was run from Station Inlet to the south-ward, around the end of the point and checking back on Station Inlet. This traverse checked out less than two (2) meters and was not adjusted.

A small traverse was run from Station Gat to signal Kelley and checked the plotted position of the signal exactly. No other adjustments were necessary for traverses run on this sheet.

# LAND MARKS FOR CHARTS

Attached to, and forming a part of this report are lists of objects which should be charted as land marks for each sheet.

### AIDS TO NAVIGATION

Attached to, and forming a part of this report are lists of non-floating aids to navigation which should be charted.

### GEOGRAPHIC NAMES

No new names for geographic features shown on these sheets were obtained. All names shown were taken from the chart of this area and appear to be in common usage.

# PLANETABLE POSITIONS

On the Graphic Control Sheets all stations located by topography are shown by a small red circle with the station name. All stations

which are considered recoverable are described on form No. 524 and the name of the station on the graphic control sheet is followed by the letter 'D'. All recoverable topographic stations previously located by the Photo Compilation Party in this area are shown as above with the addition of the date as listed on the description card.

All planetable set-ups are numbered and designated on the graphic control sheet by a small square. These numbers and squares are not inked in.

Attached to, and forming a part of this report is a list of all topographic positions located on this sheet. This includes all set-ups and stations. It shows which stations are described and whether they are marked, natural object, or, aid to navigation, also when they were previously located and how they were located by the topographer.

Descriptions on Form No. 524 are submitted for all stations marked 'D' on these graphic control sheets. All description cards previously made out by the Photo Compilation Party for stations following on these sheets were taken out of the list submitted by the Photo Compilation Party and added to the descriptions submitted with these graphic control sheets.

# CHANGES SINCE PREVIOUS SURVEY

The shore line along the point to the north of Barnegat Inlet

(Sheet H) differs greatly from the shore line shown on a tracing of
the field compilation. While the topography in this area was being
accomplished, a small storm occurred and produced a very perceptible

change in this shore line, showing the shore line in this area is subject to changes. It is regretted the shore line inside the point could not be continued to a junction with more permanent shore line, but this was impossible due to the sudden termination of field work.

# CONTENTS

Submitted with graphic control sheets 'G' and 'H' are the following:--

Title Sheet for Graphic Control Sheet 'G'
Title Sheet for Graphic Control Sheet 'H'
Descriptive reports for Sheets 'G' and 'H'
List of control points for Sheet 'G'
List of control points for Sheet 'H'
List of land marks for Sheets 'G' and 'H'
List of non-floating aids to navigation for Sheets 'G' and 'H'
25 Descriptions for Sheet 'G'
22 Descriptions for Sheet 'H'

Lt. Jack C. Sammons, Chief of Party. METHOD OF LOCATING OF CONTROL POINTS ON SHERT "G".

BED				:			
Porked   Setup 29   Setup 20   Setup 20	<b>6</b> 4		PREVIOUS LOCATION	CUT IN FROM STATION	RESECTIONS ON STATIONS	ORIENTATION ON STATIONS	DISTANCE FROM STATIONS
BUTA         Setup F         Setup P           BUTA         Setup 20         Setup 20           Ald to Mer. D.         Fork         Setup 20           Ald to Mer. D.         Setup 25         Setup 25           BAB         Setup 25         Setup 25           BAF         Mare         Setup 25           BAF         Mat. Obj. D.         Setup 0           Setup 0         Setup 0         Setup 25           Mat. Obj. D.         Setup 0         Setup 20           CUFOLA STAFF         RCB 1935         Forked Setup 19           Mat. Obj. D.         Setup 19         Setup 19           CATIAGE U.S.E.         RCB 1934         Setup 19           Mat. Obj. D.         Setup 21         Setup 21           Mat. Obj. D.         Setup 22         Setup 24           Mat. Obj. D.         Setup 21         Setup 21		BED		Fork Forked Setup 29			
9 Leb         Setup 20         Setup 20           1 Leb         Forked         Setup 25           15 D.         Setup 25         Setup 25           15 D.         Setup 25         Setup 25           15 D.         Setup 25         Setup 25           15 D.         Setup 20         Setup 20           1 STAFF         RCB 1935         Forked           15 D.         Setup 20         Setup 20           15 D.         Setup 22         Setup 19           15 Setup 19         Setup 25         Setup 20           16 D.         Setup 19         Setup 20           16 D.         Setup 20         Setup 20           17 D.         Setup 20         Setup 20           16 D.         Setup 20         Setup 20           17 D.         Setup 20         Setup 20           18 D.         Setup 20		BOT		Setup F		Setup F	Setup F
4 bb       Forked       Forked         Shell       Shell       Setup 25         Stup 25       Setup 25         Stup 25       Setup 25         Stup 2       Setup 2         Stup 2       Setup 2         Stup 2       Setup 30         Stup 2       Setup 30         Stup 22       Setup 30         Stup 22       Setup 30         Stup 22       Setup 30         Stup 24       Setup 30         Stup 30       Setup 4         Stup 4       Setup 4         Stup 5       Setup 6         Stup 5       Setup 6         Stup 5       Setup 6         Stup 5       Setup 6		BUK		Setup 20			Setup 20-(508 M.)
35 - D.       Ware Setup 25       Setup 25         35 - D.       Setup 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		, .		Fork Forked Shell			
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1. & T. & T. & RCB 1935       Setup D		Obj.		Ware Setup 3 Setup 4			
T. & T.       RCB 1935       Fork         1 STAFF       RCB 1935       Forked         1 STAFF       RCB 1935       Forked         1 STAFF       Setup 22       Setup 3         1 Setup 4       Setup 4       Setup 5         1 Setup 21       Setup 21         1 Setup 21       Setup 21         1 Setup 21       Setup 21		ЉĴ•		Setup C Setup D Setup E			
1 STAFF       RCB 1935       Forked Setup 22       Setup 22       Setup 3       Setup 3       Setup 3         3E U.S.E.       RCB 1934       Setup 4       Setup 4       Setup 3         5 Setup 6       Setup 21       Setup 21       Setup 21         5 Setup 24       Setup 24       Setup 24       Setup 24		⇔⇔	RCB 1935	Fork Setup 30			
HE U.S.E.       RCB 1934       Setup 3       Setup 3         U.S.E.       RCB 1935       Setup 4       Setup 21         Nbj. D.       Setup 24       Setup 24		CUPOLA STAFF Nat.Obj. D.		1 2 0			
U.S.E. RCB 1935 Setup No.j. D. Setup Setup Setup			RCB 1934	Setup 3			
Setup Obj. D. Setup	[		RCB 1935	Setup 4 Setup 6			
		CHAT Nat.Obj. D.		Setup 21 Setup 24			

	NY DISTANCE FROM STATIONS	Setup 16 (264 M)	Setup E (378 M)	Setup 24 (532 M)					Setup 6 (24 M)	Setup E ( 31/4 M)	Setup E (121 M)	Setup 22		Setup 22
	ORIENTATION ON STATIONS	Setup 16	Setup E	Setup 24			Shell	Sheli						
POINTS ON SHEET "G".	RESECTIONS ON STATIONS	-						Fork						
METHOD OF LOCATING CONTROL POINTS ON	CUT IN FROM STATIONS	Setup 16	Setup E	Setup 24				Fork	Ware Fork Setup 6	Setup E Setup D	Shell Setup E	Setup 22		Setup 22
ETHOD OF I	PREVIOUS LOCATION				RCB 1935	RCB 1935	JCS 1935	RCB 1935 RCB 1954	RCB 1935		RCB 1935	RCB 1935	RCB 1935	RCB 1935
4	NAME	рво	DOT	BITA	Bra 2247 M - D	<b>еra</b> 2244 М – D	FORK M - D	FORKED M - D (Sheet F) FORKED RIVER FP Nat.Obj. D.	FOGEL M - D	FLO	P.P.Oyster Greek Nat. Obj. D	FORKED RIVER M.E. Ch. Nat. Obj. D.	FORKED RIVER PRES.Ch. Nat. Obj. D.	GREYHOUND Mat.Obj. D.
<b>)</b>	SETUP NO.	17	E4	25				13						

METHOD OF LOCATING CONTROL POINTS ON SHEET "G".

Setup 19 (350 M) Setup 25 (476 M) Setup 15 (154 M) Setup D (32 M) DISTANCE FROM Ware (342 M) STATIONS Shell ORIENTATION ON STATIONS Setup 19 Setup 23 RESECTIONS ON STATIONS CUT IN FROM STATION Setup 16 Setup 15 Setup 19 Forked Setup 15 Setup 30 Fork Fork Forked Setup 16 Fork Setup 30 Setup 23 Setup 6 Setup 5 Setup 19 Ware Setup 1 Shell Setup E 口田 Setup Shell Setup I Setup I Shell PREVIOUS LOCATION RCB 1935 Sheet H Œ, RCB 1935 Sheet Aid to Nav. D. PAGODA Nat. Obj. D. ROOF Nat. Obj. D. NAME Nat. Obj. D. KELLEY Nat.Obj. D Mat.Obj. D. PRIVATE RADIO INNE NEST SEAM MAY M SAL Ħ SETUL Š. ₽ ଷ

METHOD OF LOCATING OF CONTROL POINTS ON SHEET "G".

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Setup 22   Setup 22   Setup 22	F .	NAME	PREVIOUS LOCATION	CUL IN FROM STATION	RESECTIONS ON STATIONS	ORIENTATION ON STATIONS	DISTANCE FROM STATIONS
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WINDMILL         RCB 1935         A         P         A         B				Setup 18 Setup 24 Setup 25			Setup 18 (20 M)
MARE         JCS 1935         Mare         Shell         Mare         Setup 1         Setup 2         Setup 2         Setup 2         Setup 4         Setup 4         Setup 4         Setup 5	1	TANK WINDWILL Nat.Obj. D.		4			
1st M.E.Ch.Waretown         RCB 1935         Ware         Shell         Ware         Ware         Ware         Setup 1         Setup 2         Setup 2         Setup 2         Setup 2         Setup 2         Setup 4         Setup 5         Setup 5 <th< td=""><td></td><td>   </td><td></td><td></td><td></td><td></td><td></td></th<>							
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Were         Shell         Ware           Shell         Setup 4         Setup           Ware         Setup 5         Setup           Setup         Setup         Setup	ı				Shell	Setup 2	ณ
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	‡			Setup 5	Ware	Setup 5	Setup 5-4 (282 M) Setup 5 (537 M)

METHOD OF LOCATING CONTROL POINTS ON SHEET "G".

		METHOD OF LOCATING	TNG CONTROL POINTS	ITS ON SHEET "G".		
SETUP NO.	маме	PREVIOUS LOCATION	CUT IN FROM STATION	RESECTIONS ON STATIONS	ORIENTATION ON STATIONS	DISTANCE FROM STATIONS
7-A			Setup 6	Shell	9 dnaes	Setup 6 (228 M)
ထ			Setup 7-A	Shell	Setup 7-A	Setup 7-A (308 M)
6			Setup 8		Setup 8	Setup 8 (280 M.)
10			Setup 9		Setup 9	Setup 9 (254 M)
17			Setup 13		Setup 13	Setup 13 (254 M)
15			Setup 11		Setup 1/4	Setup 1/4 (30/4 M)
16			Setup 15	Radio	Setup 15	Setup 15 (348 M)
18			Setup 17		Setup 17	Setup 17 (321 M)
19			Setup 18		Setup 18	Setup 18 (378 M)
8	9 9 9 9 9		Setup 21		Setup 21	Setup 21 (488 MK)
27			Setup 26		Setup 26	Setup 26 (280 M)
88			Setup 27		Setup 27	Setup 27 (292 M)
8			Setup 28		Setup 28	Setup 28 (432 M)
30				Radio Fork	Fork	
31			Setup 21	Sotup 24	Setup 21	Setup 21 (269 M)
4			Shell		Shell	3
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ပ			Setup B			œ,
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шНш	ORIENTATION ON STATIONS				•										
POINTS ON SHEET "H"	RESECTIONS ON STATIONS														
METHOD OF LOCATION CONTROL POINTS ON	CUT IN FROM STATION						Gat Setup T Setup Z	Setup 2 Setup 3	Setup A Setup B	Setup GG Setup LL GUN GULF	Setup G	Forked River Inlet	Gun Setup LL	Setup E	
ETHOD OF LOCA	PREVIOUS	1907	1935-RCB A 1935-JCS	A1935-JCS	A CDM-1932	ACDM-1932	RCB-1935					1935-RCB		56	
SI .	STATION	Barnegat Inlet Astronomic Station R.N. 6057	Barnegat C.G.Flag Tower (Aid. to Navig. D.)		Barnegat Lighthouse Aid. to Navig. D.	Barnegat Light 2 M - D	Blind Tank Nat. Obj. D.	BAR	BAS	BIRD Nat.obj.D.	BOB	CLUB Nat, Obj.D.	CORA Net. Obj. D.	CRO Nat. Obj. D.	
	SE TUP														

				LOST											
	DISTANCE OOM STATIONS	Setup E	Setup J	Station LOST	Setup D								Setup 9	Setup DD	
ON DIEEL II	ORIENTATION ON STATIONS							Inlet				GULF			
CONTROL LOUINGS	RESECTIONS ON STATIONS							Fork.R.CG Cup.							
THOO OF HOUSE TOWN	CUT IN FROM STATION	Setup E	Setup J		Setup D Setup E	Gun Setup KK Setup LL	Inlet Setup 10						Setup 1 Setup 9 Setup 12	Gun GULF Setup LL Setup S	
OCHIP	PREVIOUS			A Farley 1865			1935-RGB	→ 1932-cDM	△ 1926-WEB	A 1935-JCS	△ 1935-JCS	△ JCS-1935			
(	STATIONS	CROOK Nat. Obj. D.	CUR	DOUBLE CREEK "LOST"	EDGE	EVA Nat.obj. D.	Flagpole user: Nat.obj. D.	Forked River M - D	Forked River CG.S Nat. Obj. D.	Forked River CG FT Aid to Mav. D.	Forked River CG WT Aid to Nav. D.	GAT M-D	GANG	GOT Nat.Obj.D.	
	SE TUP											M-D			

0	DIST CE FROM STATIONS	Setup LL			Setup KK	Setup C		Setup CC		Gulf	Setup R	Gulf		
"Н"	ORIENTATION ON STATIONS		Gulf	Gat			Forked River							
METHOD OF LOCATION OF C TROL POINTS ON SHEET "H"	RESECTIONS ON STATIONS						Barnegat L.H.							
ATION OF COUROL	CUT IN FROM STATION	GUN GULF Setup LL			Gun Setup KK Setup LL	Setup C		Setup BB Setup CC	GULF Setup LL Setup S Setup T	Gulf Got Setup S	Gulf Gun Setup R	Gulf Setup S	Setup S Setup T	
ETHOD OF LOC	PREVIOUS LOCATION		AJCS-1935	AJCS-1935			△CDM-1932	RCB-1935		RCB-1935				
	STAOON	GRASS	GUN M-D	GULF M-0	HIDE	HON	INLET M - D	KELLEY Nat.Onj. D.	KIT	LIGHT Aid to N av.D.	LION Nat. Obj. D.	Mock Nat. Obj. D.	NES Nat. Obj. D.	
	SETUP NO.													

	DISTA.CE FROM STATIONS.	Setup GG	Setup B	Setup J Setup H	Setup F		Setup JJ		Setup X Setup Y	Setup 8	Setup 2	Setup U	Setup A	Setup X	
•	ORIENTATION ON STATIONS														
I TERRITO NIO CINTO	RESECTIONS ON STATIONS														
· H THE COUNTY OF THE H	CUT IN FROM STATION	Gulf Setup GG	Setup B	Setup J Setup H	Setup F	Gulf Setup T Setup LL	Gun-Gulf Setup JJ	Setup LL Setup KK	GAT Setup X Setup Y Setup W	Forked River Setup 8	Setup 2	Setup U	Forked River Setup A	Setup X Setup Y Setup Z Setup W	
	PREVIOUS	RCB 1935		· · · · · · · · · · · · · · · · · · ·										RCB 1935	
	STATION	North Gable Dark House RCB 1935 Nat.object D.	NET	PA	PEA	RACK Nat. object D.	RAP	SHOOT Nat. Object D.	SOCK Nat.Object D.	TTRE	NOI	TRY	WEE	WHITE CHIMNEY (Plastered) Not. Object D	
	SETUP NO.						TE .	O M	6		5		-	<b>BO</b> 1	

NO N	•					
Inlet   Setup 1   Setup 1   Setup 1   Setup 1   Setup 2   Setup 3   Setup 1   Setup	STATION	PREVIOUS				DISTANCE FROM STATION
Setup 1   Setup 1   Setup 1   Setup 1			194			Inlet
Setup 2   Setup 2   Setup 1   Setup 2   Setup 2   Setup 1     Setup 1   Se			Setup 1			Setup 1
Forked River   Forked Biv.CG Cup   Forked River   Forked Biv.CG Cup   Sectup 1   Sectu			Setup 2			Setup 2
Setup 1         Setup 1         Setup 1         Setup 10         Setup 10         Setup 10         Setup 10         Setup 10         Setup 11         Setup 12         Setup 12         Setup 12         Setup 12         Setup 12         Setup 13         Setup 13         Setup 13         Setup 14         Setup 14         Setup 15         Setup 15         Setup 15         Setup 16         Setup 16         Setup 17         Setup 17 <t< td=""><td></td><td></td><td>Forked River</td><td>Forked Rivect Cup</td><td>_</td><td>Forked River</td></t<>			Forked River	Forked Rivect Cup	_	Forked River
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Setup 10   Setup 11   Setup 11   Setup 11   Setup 11   Setup 11   Setup 11   Setup 12   Setup 12   Setup 12   Setup 12   Setup 13   Setup 13   Setup 13   Setup 13   Setup 13   Setup 13   Setup 14   Setup 14   Setup 15   Setup 16   Setup 16   Setup 17   Setup 17   Setup 17   Setup 17   Setup 17   Setup 17   Setup 18   Setup 18			Setup 9			6
Setup 11         Setup 12         Setup 13         Setup 12         Setup 12         Setup 13         Setup 13         Setup 13         Setup 13         Setup 13         Setup 14         Setup 13         Setup 14         Setup 14         Setup 15         Setup 16         Setup 17			Setup 10			Setup 10
Setup 12   Setup 12   Setup 12   Setup 12     Inlet			Setup 11			Setup 11
Indet			Setup 12			Setup 12
River   Forked River   Inlet   Forked River   Forked River   Inlet   Setup A   Setup B   Setup B   Setup D   Setup B   Setup	÷					Setup 13
River   Porked River   Inlet   Forked River   Porked River   Inlet   Setup A   Setup B   Setup B   Setup D   Setup			Inlet			
A         Club         Inlet         Setup B         Setup B </td <td></td> <td></td> <td>Forked River</td> <td></td> <td>Inlet</td> <td>1</td>			Forked River		Inlet	1
B         Club         Setup B         Setup C         Setup D			Setup A	Club	Inlet	Setup A
C         Club         Setup C         Setup D         Setup D         Setup D         Setup B         A           Inlet         Inlet         Inlet         Barnegat B         Setup B         Setup B         Setup B         Setup B         Setup B         Inlet         Gulf         Gulf         Gulf         Gulf         Gulf         Inlet         Gulf         Gulf         Gulf         Gulf         Inlet         Gulf			Setup B	Club		Setup B
D         Setup D         Setup B         Setu		!	Setup C	Club	Setup C	Setup C
B         Club         Setup B         Setup L         Setup B			Setup D			Setup D
F         Setup F         Setup G         Setup E         Setup F         Setu			Setup 8	Club		Setup 8
G         Setup G         Setup B         Setup B           Club         Inlet         Barnegat           E         Inlet         Setup K         Setup K           E         Inlet         Setup K         Setup L           At Lt.2         Barnegat Lt.8         Inlet         Barnegat           B         Barnegat Lt.8         Setup K         Setup K           B         Setup K         Setup F         Setup F           B         Setup F         Setup F         Setup F           F         Setup B         Setup B         Setup B           F         Setup B         Setup B         Setup B		3	Setup F		Setup F	Setup F
E.						Setup G
Club   Inlet   Barnegat   Barnegat   Eorked River C.G.   Setup K   Setup R   Setup R   Setup R   Setup R   Setup R   Setup R   Setup F   Setup K   Setup F   Setup K   Setup K			Setup H			
K         Inlet         Setup K         Setup K           L         Inlet         Setup L         Setup L           K         Barnegat Lt.2         Setup K         Setup K           R         Inlet         Barnegat Lt.3         Setup K           R         Setup R         Setup R         Setup R           S         Setup T         Setup T           V         Setup T         Setup T           T         Setup T         Setup T           AA         Gat         Setup B           Setup B         Setup B           Setup B         Setup B				Club	Inlat	Barmaget L.H.
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HEET "H"	ORIENTATION ON STATION	Gulf	Gulf	Setup EE	Setup FF	Setup GG	Setup HH		Gum	Gulf						,		
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OF LUCATION OF	CUT IN FROM STATION	Gulf	Gulf	Setup EE	Setup FF	Setup GG	Setup HH		Gun	Gulf								
METHOD	PREVIOUS										RcB. 1935	RCB. 1935	R.C.B. 1935					
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-	SETUP NO.	OO	EE	FF	99	田田	13		KK	13								

Form 567 Rev. March 1935

OF COMMERCE U. S. COAST AND GEODETIC SURVEY DEPARTMEN

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# LANDMARKS FOR CHARTS

ATLANTIC CITY, N.J.

SEPTEMBER 20, 1935

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks, be charted on (deleted from) the charts indicated.

Jack C. Sammons,

The positions given have been checked after listing.

TO BE CHARTED STRIKE OUT ONE

CHARTS AFFECTED Clitef of Party. 3215 3515 огганове силвт H ІМЕНОВЕ СНУВІ H 1 H HARBORCHART H 1872-1932 DATE OF LOCATION 1935 METHOD OF LOCATION Topog. 4 NA-1927 DATUM E D. P. METERS 568.7 543.8 LONGITUDE 8 POSITION 1 0 39 45 1578.4 74 77 D. M. METERS 104.7 LATITUDE 15 0 39 NAME AND DESCRIPTION (O Light) BARNEGAT L. H. BEACON 43-A GENERAL

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be Information under each column heading should be given. considered for the charts of the area and not by individual field survey sheets.

U. S. COVERNMENT PRINTING OFFICE

Form 567 Rev. March 1935

OF COMMERCE U. S. COAST AND GEODETIC SURVEY DEPARTMEN

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# LANDMARKS FOR CHARTS

ATLANTIC CITY, N. J.

SEPTEMBER 20., 1935.

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks, be charted on (deleted from) the charts indicated.

The positions given have been checked after listing.

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This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be Information under each column heading should be given. considered for the charts of the area and not by individual field survey sheets.

U. S. GOVERHMENT PRINTING OFFICE

U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES

DEC 28 1936

Acc. No.

FORM 504
Rev. April 1935
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

# DESCRIPTIVE REPORT

Topographic \
Hydrographic

Sheet No. ... G.

State New Jersey

LOCALITY

Barnegat Bay

South of Seaside Park

1936

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRIMARYS OFFICE

# SUPPLEMENTAL REPORT

To Accompany Graphic Control Sheet G 76398~

Barnegat Bay, South of Seaside Park.

# INSTRUCTIONS

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

# GENERAL INFORMATION

No additional field work was done on this sheet as a sufficient number of old signals from the 1935 work were recovered to complete the hydrography in this territory.

Submitted by,

D. M. Watt

Approved by,

John A. Bond

H. & G. Engineer

Chief of Party

REVIEW OF GRAPHIC CONTROL SURVEY T- 6398a, SCALE /: 10,000

Date of Review 1/26/37

- This survey has been reviewed in connection with Air Photo Compilation Nos. T-50% 5098, , 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-5076, 5098, 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. Lande Thank R. Follow

139.9.

U. S. COAST & GEODETIC SURVEY
LIBRARY AND APPRIVES

DEC 28 1936

# Form 504 Rev. Dec. 1993 DEPARTMENT OF COMMERCE

U.S. COAST AND GEODETIC SURVEY R. S. PATTON, DIRECTOR

# **DESCRIPTIVE REPORT**

Topographic Sheet No. H Hydrographic

State ...... New Jersey

LOCALITY

Barnegat Bay

1936

CHIEF OF PARTY

John A. Bond

U.S. GOVERNMENT RINTING OFFICE: 1884

### SUPPLEMENTAL REPORT

To Accompany Graphic Control Sheet H. 7 (398)
Barnegat Bay, North from Barnegat Inlet

# INSTRUCTIONS

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

# GENERAL INFORMATION

No additional field work was done on the west section of this sheet as a sufficient number of old signals from the 1935 field work were recovered to complete the hydrography in this territory.

On the east section of this sheet additional hydrographic signals were located and shoreline re-rodded where field inspection showed a discrepancy from the 1935 location and the air-photo shoreline.

# LANDMARKS FOR CHARTS

No additional landmarks for charts were located in 1936 field season.

# RODDED SHORE LINE

The section of shoreline in the vicinity of signal TOM (Lat. 39° 46.5'; Long. 74° 07.5') was rodded as a check for air-photo.

The section of shoreline in vicinity of station BLUE was rodded to locate the H.W.L. in the small cove 300 meters southwest of station BLUE. The remainder of this shoreline was rodded to determine if there had been any major change in H.W.L. since the pictures of this territory were made.

In November 1935 a storm cut a new inlet into Barnegat Bay just north of triangulation station INLET, 1932. The inlet was from a point about 100 meters north of station INLET to topo signal TON. During the winter of 1936 while the bay was frozen this inlet was closed. At the time of this survey in May, the sand dunes had been built to a height of approximately 8 feet above H.W.L.. A long pile of brush had also been placed across the narrow channel north-west of station INLET and this channel was practically closed. The outside shoreline was rodded from Barnegat Inlet to the point where there had been no change from the 1935 location.

Note: The above in let was previously reported to this office in letter dated Dec. 2, 1935 (filed in Division of Tides) received from the "Ocean City Review," Seaside Heights, New Jersey,

# NON-FLOATING AIDS TO NAVIGATION

The light, topo station GAG (Lat. 39° 47.5'; 74° 07.6') is a single pile about 10 feet above H.W. and is of temporary nature. This light is usually taken off the pile in late fall and ice destroys the pile during the winter.

Submitted by,

D.M. Watt D. M. Watt

Approved by,

John A. Bond

H. & G. Engineer

Chief of Party

Q

Date of Review

- 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.
- 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.
- Hotes and corrections resulting from the review are shown on this survey in green.

Frank R. Dollon

# MEMORANDUM IMMEDIATE ATTENTION

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.

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RETURN TO

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Remarks

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