

8593

Diag'd. on Dia's Ch. No. 1248-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Photogrammetry  
Shoreline Survey

Type of Survey

Field No. Office No. T-8593

LOCALITY

State Florida

General locality East Coast

Locality Hollywood and Vicinity

1945

CHIEF OF PARTY

Lt. Comdr. J. C. Bose

LIBRARY & ARCHIVES

DATE

Aug 8, 1946

8-1870-1 (1)

## DATA RECORD

T- 8593

Quadrangle (II): ~~TC 8593~~

Project No. (II): 312

Field Office: Tampa

Chief of Party: Lt. Comdr. J. C. Bose

Compilation Office: Tampa

Chief of Party: Lt. Comdr. J. C. Bose

Instructions dated (II III):

August 4, 1945, Supplemental  
Instructions, Project 312 BCopy filed in Descriptive  
Report No. T- (VI)

Completed survey received in office: January 1946

Reported to Nautical Chart Section: January 1946

Reviewed: 3/46

Applied to chart No.

Date:

Redrafting Completed:

~~not redrafted~~ 1945

Registered: 5/46

Published: Not to be published

Compilation Scale: 1:10,000

Published Scale:

Scale Factor (III):

Geographic Datum (III): North American

Datum Plane (III): Mean High Water

Reference Station (III): Holly 2, 1934

Lat.: 26°01'19.559"  
(601.9 meters)Long.: 80°06'55.446"  
(1541.8 meters)Adjusted  
Unadjusted

State Plane Coordinates (VI): Not shown

X =

Y =

Military Grid Zone (VI) Not shown

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
450 1596	3-9-45	11:15	1:20,000 - 1:10,000 (ratio)	
450 1597	"	"	"	"
450 1598	"	"	"	"
450 1599	"	"	"	"
450 1600	"	"	"	"
450 1601	"	"	"	"

Tide from (III):

Mean Range:

Spring Range:

Camera: (Kind or source)

Field Inspection by:

date:

Field Edit by: None

date:

Date of Mean High-Water Line Location (III): Date of field inspection,  
September 1945, after hurricane of September 15, 1945

Projection and Grids ruled by (III) See Descriptive date:

Report T-5632

" " " checked by: date:

Control plotted by: date:

Control checked by: date:

Radial Plot by: date:

Detailed by: date:

Reviewed in compilation office by: date:

Elevations on Field Edit Sheet  
checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles);

Shoreline (More than 200 meters to opposite shore);

Shoreline (Less than 200 meters to opposite shore);

Number of Recoverable Topographic Stations established;

Number of Temporary Hydrographic Stations located by radial plot;

Leveling (to control contours) - miles;

Roman numerals indicate whether the item is to be entered by,

(II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname  
and initials (not initials only).

Remarks;

## Photogrammetry (Shoreline) Survey T-8593

March 4, 1946

This shoreline survey is essentially a revision of the shoreline details on planimetric map T-5632. Revised details are designated in red on the manuscript and were compiled from photographs taken March 9, 1945, and from field inspection of August and October 1945.

The field inspection and office compilation were accomplished by the Tampa Photogrammetric Office under supplemental instructions for project CS-312 B, dated August 4, 1945. Project CS-312 is a topographic mapping project for the production of 7½ minute topographic quadrangles. The layout of the topographic maps to be produced on this project is shown on the enclosed topographic index. These topographic maps will be published at scale 1:25,000, and will supersede for publication the planimetric maps now existing in the same area. The existing planimetric maps are shown on the enclosed planimetric indexes 129-F and 129-H.

With reference to the planimetric maps now existing within the limits of project CS-312, maps Nos. T-5626 to T-5633 are modern and accurate planimetric base maps at scale 1:10,000. The instructions for project CS-312 call for the revision of shoreline details on these sheets so that the larger scale information will be available for future hydrographic investigation and for nautical chart compilation and correction. T-5632 is one of the first of this group of maps to be revised at the Tampa Office.

### Field Inspection:

Field inspection was accomplished in September 1945, using 1:10,000 scale ratio prints of photographs Nos. 45C-1596 to 45C-1601, inclusive.

The outside mean high water line was inspected after the September 15, hurricane as indicated by notes on the field inspection photographs.

Field inspection was accomplished by a field party of the Tampa Photogrammetric Office, Lt. Comdr. J. C. Bose in charge.

### Compilation:

The manuscript consisted of a black print of planimetric map T-5632 on cellulose acetate. Shoreline corrections and additions were made in red on this print from the 1:10,000 scale single-lens ratio prints, and from the field inspection notes. These corrections include the mean high water line, offshore details, and along-shore buildings.

Review and Smooth Drafting:

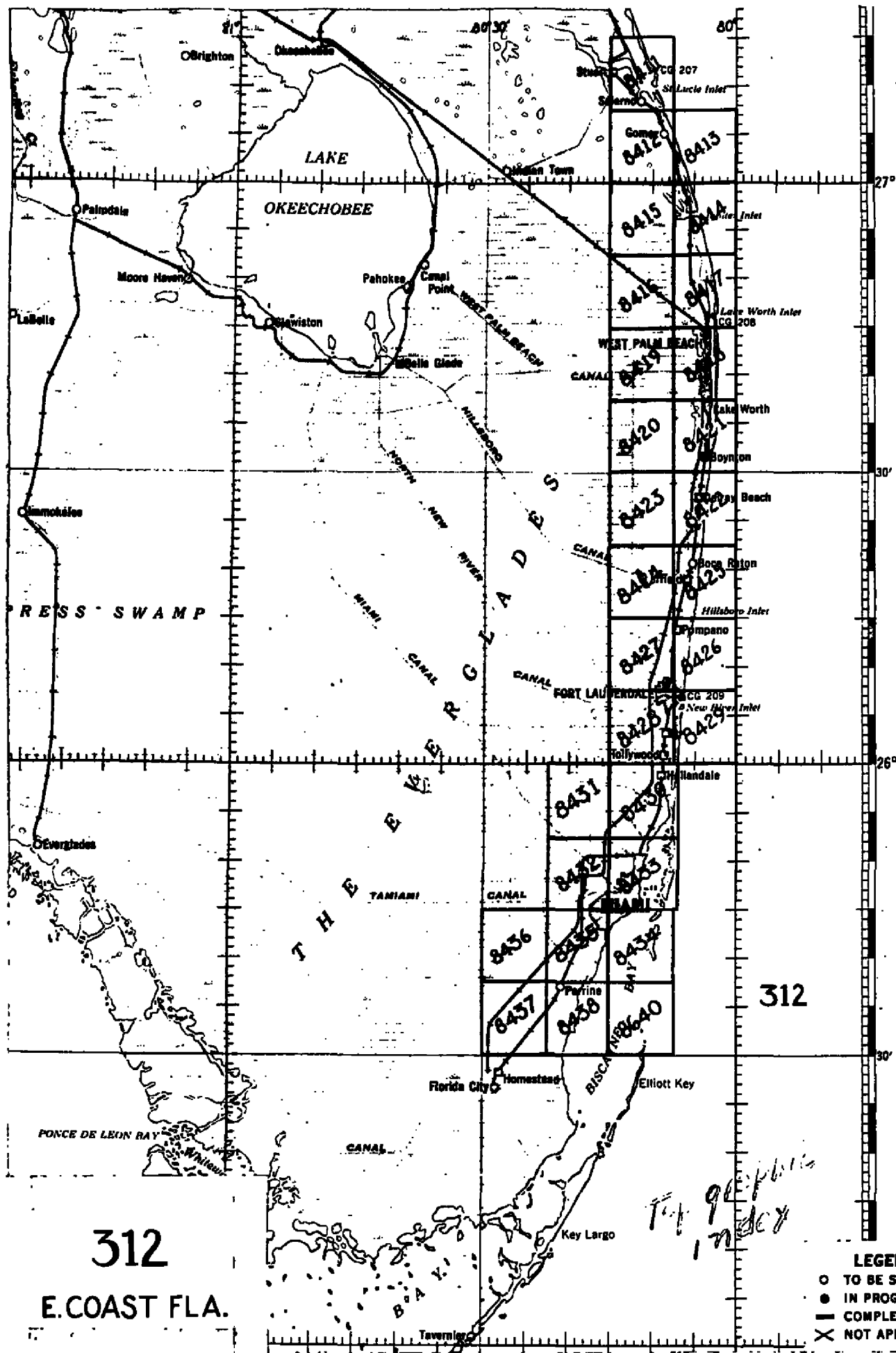
Since this revision of planimetric map T-5632 is essentially a new shoreline survey with field inspection in September 1945, it is being given a new number and filed as Shoreline Survey T-8593. It will be reviewed in this office as a new survey.

In the process of drafting and reproduction, the inshore planimetric details not covered by field inspection and not revised will be painted off or eliminated. The new sheet will then be printed and filed in the vault. It will not be published. \*

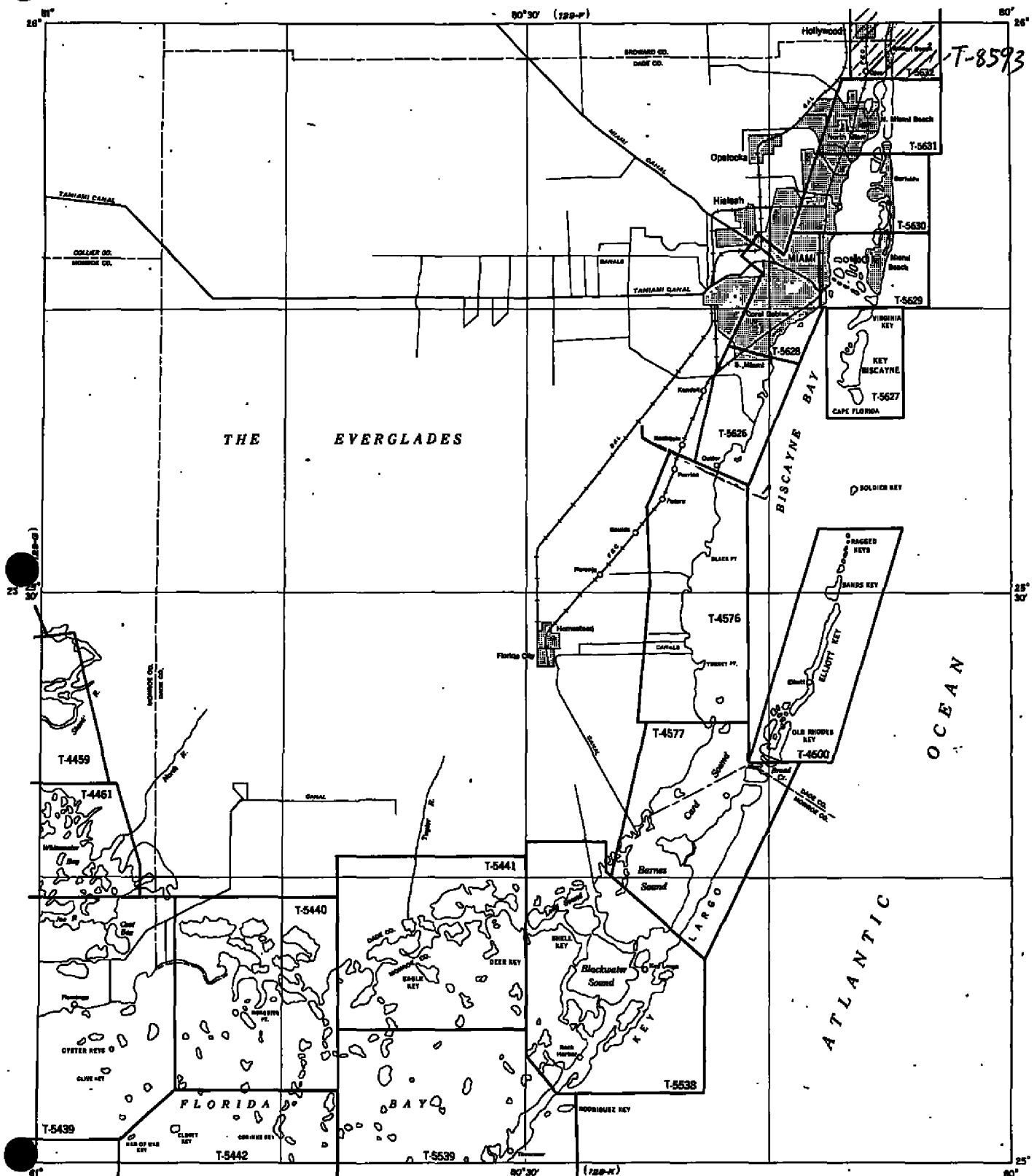
*B. G. Jones*

B. G. Jones  
Technical Assistant to the  
Chief, Division of Photogrammetry

\* This sheet was reproduced directly from the  
manuscript without redrafting *egg*



DEPARTMENT OF COMMERCE  
U. S. Coast and Geodetic Survey  
Washington, D. C.

**PLANIMETRIC INDEX 129-H**

These maps are without contours and were compiled from air photographs  
SCALE: 1:20000 or 1:10000

**Price 75c each**



**PLANIMETRIC INDEX 129-F**

## Review of Photogrammetric Shoreline Survey T-8593

### Division of Photogrammetry

#### Radial Plot.

Since T-8593 is essentially a revision of the shoreline of the existing planimetric map T-5632, compiled from aerial photographs dated 25 January 1935, a new radial plot was unnecessary.

Six 1:20,000 photographs, 450 1596 to 450 1601 inclusive, dated 9 March 1945 and ratioed to 1:10,000, were orientated by holding to the existing detail.

#### Detailing.

During this review the revision of details was verified with the field inspection photographs and minor additions were made to the manuscript with green acid ink. These additions included drainage, data from the field inspection photographs, and that portion of the shoreline which had been designated by mangrove symbols only on the original planimetric map T- 5623. Detailing, inshore of the navigable waterways and west to the limits of this survey, has been brought up to the date of the photographs.

#### Field Inspection.

This work was accomplished during August and October 1945. Additional field inspection is contemplated in connection with Project 312-B. However, the field inspection is adequate to serve the purpose of this survey.

#### Comparison with Previous Topographic Surveys.

T-8593 supersedes those sections of the following previous surveys which it covers:

T-4527	1:20,000	1927
T-5632	1:10,000	1935

#### Comparison with Nautical Charts 847 and 1248.

T-8593 has not been applied to charts 847 and 1248 at the date of this review.

T-8593

This survey shows numerous small changes in physical and cultural features since the date of the last survey.

This area also will be covered by topographic quadrangles T-8428, T-8429, and T-8430, scale 1:20,000, which are in progress at this time.

Landmarks within the limits of T-8593 will be reported when the quadrangle manuscripts are completed.

Reviewed by R. J. Tallman

*S. V. Griffith*  
Under the direction of S. V. Griffith

Approved by:

*B. G. Jones 6/46*  
B. G. Jones, Technical Asst.  
Div. of Photogrammetry

*Robert W. W. W.*  
Chief, Nautical Chart Branch  
Division of Charts

*K. T. Adams*  
Chief, Div. of Photogrammetry

*C. K. Green*  
Chief, Div. of Coastal Surveys

17 September 1946

**To:** Lieut. Comdr. George E. Morris, Jr.  
U. S. Coast and Geodetic Survey  
Box 1689  
Tampa, Florida

**Subject:** Shoreline survey manuscripts T-5592 to T-5599  
inclusive, project 312-B.

The subject manuscripts together with discrepancy prints and descriptive reports are being forwarded to you today for additional work as indicated in this letter.

During the Washington Office review a number of small changes have been made in the shoreline manuscripts from examination of the field photographs. These changes are indicated in the review reports, which are included in the descriptive reports. Since your quadrangle manuscripts in this area were reproduced and the planimetric features printed prior to review of the shoreline manuscripts, the changes made in the Washington Office as discussed in this paragraph shall be incorporated on the quadrangle manuscripts.

The Washington Office review of the shoreline manuscripts also has indicated a number of instances where details preferably should have some further field investigation. These instances are noted on the discrepancy prints. The details shall be investigated as a part of the field edit of the quadrangles, and both the shoreline manuscripts and the quadrangle manuscripts revised in accordance with the results of the field edit investigation. Most of the cases cited are rather minor, but can be investigated during the normal field edit of the quadrangles and consequently should require but little extra time.

When completed in your office the shoreline manuscripts within the limits stated in the following paragraph shall show all of the planimetric details identical with the quadrangles. The shoreline manuscripts may be retained in your office and forwarded with the completed quadrangle manuscripts.

The approximate inshore limits of each shoreline manuscript are indicated by a red or blue line. No changes on the shoreline manuscripts should be made inshore of this line since details inshore of the line will be eliminated when the shoreline manuscripts are reproduced and permanently registered or filed.

17 September 1946

This line may be considered as tentative and you may alter it slightly to include some particular feature on the shoreline manuscripts. Conversely, you may alter the line to avoid extending the delineation of buildings any further inshore on the shoreline manuscripts than they are now shown.

The most confusing single item on the shoreline manuscripts is the bridge information. In many cases no clearances are given. In others, the clearances given differ with the U. S. Engineer Bridge Book. In order to resolve this situation into something complete and usable for nautical charts, you will please do the following on the shoreline manuscripts:

- (1) All of the bridges, including the small ones, shall be shown.
- (2) Bridge clearances are desired only for bridges over navigable waterways. In this instance, the term navigable waterways shall apply to waterways customarily used by power boats, whether commercial or pleasure. The term navigable waterways shall not include waterways customarily used only by pulling boats and very small pleasure craft.
- (3) Your record of bridge clearances as determined by field measurements shall be compared with the Engineer Bridge Book, edition of 1941. Where differences exist, a recording of your values and the Bridge Book values shall be made and submitted to the U. S. District Engineer for his information and comment. A copy of the letter to the District Engineer and his reply, if any, shall be included in each descriptive report within the area covered by the letter. Or, this information shall be included in one descriptive report and cross-referenced to the others.

In a number of instances the shoreline survey discrepancy sheets have the note "Check bridge data". These may be ignored. You are not required to check your own field observations unless correspondence with the District Engineer Office indicates this to be desirable.

As you may remember, the descriptive reports for these shoreline surveys were prepared in the Washington Office. This was in accordance with instructions. However, since the office reviewer was not familiar with the area, please read the reports and make any changes or notations which you consider desirable.

Acting Director.

# GEOGRAPHIC NAMES

Survey No.

T-8593

1

Name on Survey

	A	B	C	D	E	F	G	H	K	
<u>Florida</u>									USCB	1
<u>Dade County</u>										2
<u>Broward County</u>										3
<u>Atlantic Ocean</u>										4
<u>Intracoastal Waterway</u>									USCB	5
<u>U.S. No. 1</u>										6
<u>Dixie Highway State 811</u>										7
<u>Florida East Coast Ry.</u>										8
<u>State 820</u> (East-west through Hollywood)										9
<u>State 1A Ocean Boulevard and Ocean Drive</u>										10
										11
										12
<u>Dumfounding Bay</u>									USCB	13
<u>Oleta River</u>										14
<u>Ojus</u>										15
<u>South Island</u>										16
<u>Center Island</u>										17
<u>North Island</u>										18
<u>Golden Beach</u>										19
<u>Beverly Beach</u>										20
<u>Lake Villa</u>										21
<u>Hellandale</u>										22
<u>Pompano Island</u>										23
<u>Tarpon Island</u>										24
<u>Bonito Island</u>										25
<u>Dolphin Island</u>										26
<u>Hollywood</u>										27

# GEOGRAPHIC NAMES

Survey No.

T-8593

GEOGRAPHIC NAMES											
Survey No.											
T-8593											
2 Name on Survey		A	B	C	D	E	F	G	H	K	
<u>Hollywood Country Club</u>											1
<u>Harding Circle</u>											2
<u>South Lake</u>											3
<u>North Lake</u>											4
<u>Hollywood Beach</u>											5
<u>West Lake</u>											6
<u>Dania</u>											7
<u>Dania Town Canal</u>											8
											9
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											27

Names underlined in red are approved

12/14/47 L. Heck

M 234

Names underlined in  
red are approved  
12/14/47 L. Heck

Field Edit Report  
Photogrammetric Shoreline Survey

T-8593

Project CS 312 B

Field edit of this sheet was made by John D. Weiler, Photogrammetrist during May, 1947.

46. Methods-Field edit of this sheet was done in conjunction with the edit of Topographic Quadrangle T-8429. The area covered was inspected by truck. Since discrepancies noted in the Review Section were in common with discrepancies on the Topographic Quadrangle, field edit work was not duplicated. Appropriate notations have been made on the sheet for reference to the Topographic Quadrangles T-8428, T-8429, and T-8430 which fall in the area covered by T-8593. The sheet should also be checked against these three field edit sheets for additional corrections by the compilation office.

47. Adequacy of the Map Manuscript The Map manuscript was adequate and correct except for numerous changes made since the date of the original field inspection, and a few details omitted during that inspection.

For addition details you are referred to the field edit reports for T-8428, T-8429, and T-8430.

Respectfully submitted,

*John D. Weiler*  
John D. Weiler  
Photogrammetrist

Approved and Forwarded

*Ross A. Gilmore*  
Ross A. Gilmore  
Chief of Party



## NAUTICAL CHARTS BRANCH

SURVEY NO. T- 8593

### Record of Application to Charts

[illegible]

**M-216B-1**

**A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.**