

8429

Diag'd. on diag. ch. No; 1248-2

8429

Form 504 U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE DESCRIPTIVE REPORT	
Type of Survey	TOPOGRAPHIC
Field No.	T-8429
Office No.	
LOCALITY	
State	FLORIDA
General locality	BROWARD COUNTY
Locality	PORT EVERGLADES <i>West River Inlet.</i>
<u>1946</u> CHIEF OF PARTY Lieut. Comdr. George E. Morris Jr.	
LIBRARY & ARCHIVES	
DATE	March 23, 1948.

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Florida East Coast

SHEET NO. T-8429

LOCALITY Port Everglades

PROJECT NO. CS-312-B

PHOTOS ORDERED..... REC'D.....

SCALE 1:20,000

PROJECTION ORDERED..... REC'D 25 July 1946

Joins T-8426 Ck.....

CONTROL:

COMPUTED M.M. Slavney VERIFIED Russell Pate

PLOTTED Washington VERIFIED Tampa

PHOTO PREPARATION:

CONTROL W.W. Dawsey

AZIMUTHS M.M. Slavney

PASS POINTS R. Pate & M.M. Slavney

TEMPLETS W.W. Dawsey VERIFIED M.M. Slavney

RADIAL PLOT:

PLOTTED BY M.M. Slavney DATE Sept. 1946

VERIFIED " DATE "

COMPILATION:

DETAIL POINTS R. Dossett DATE Nov. 1946

DETAIL BY R. Dossett DATE Nov. 1946

VERIFIED BY J. Giles DATE Dec. 1946

DATE OF PHOTOS 3-9-45 (single lens)
11-14-42 (9' lens)

TIME OF PHOTOS 11:15 to 11:22

STAGE OF TIDE ± 0.2 feet

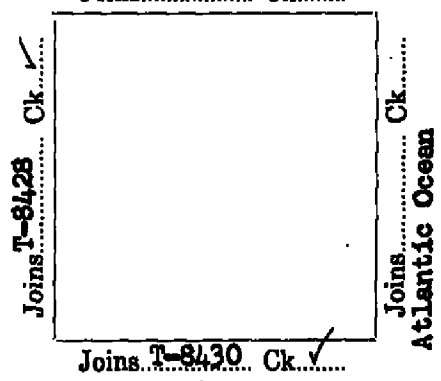
COMPARISON WITH PREVIOUS SURVEYS; TOPO., HYDRO., AND CHARTS:

A comparison was made with U.S.C. & G.S. nautical charts 546, 546 and 847.

No outstanding differences were noted.

REMARKS.....

FORWARDED TO..... DATE.....



DATA RECORD

T-8429

Quadrangle (II): Port Everglades ✓

Project No. (II): CS-312-B

Field Office: Tampa, Florida Chief of Party: George E. Morris, Jr.

Compilation Office: Tampa, Fla. Chief of Party: " " "

Instructions dated (II III): May 25, 1945 Copy filed in Descriptive
 Report No. T-~~VI~~ (VI)
Div. Photogr. Office Files

Completed survey received in office:

Reported to Nautical Chart Section:

Reviewed: 2-26-48 Applied to chart No. 546 Date: 2-4-47

Redrafting Completed:

Registered: 3-4-48

Published:

Compilation Scale: 1: 20,000

Published Scale: 1: 24,000

Scale Factor (III): None

Geographic Datum (III): N. A. 1927

Datum Plane (III): MSL

Reference Station (III): Dania 2, 1934

Lat.: 26° 03' 06."571 (202.2m) Long.: 80° 06' 46."921 (1304.3m) Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): East Zone

X = 791,208.80 feet Y = 625,489.52 feet

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
45C-1592-1598 Incl.	3-9-45	11:15	1:20,000	+ 0.2
11838-11840	11-14-42	11:20	"	Not applicable to delineating (Only single lens used)

Tide from (III): Mayport, Florida-Port Everglades

Mean Range: 2.3 feet Spring Range: 2.8 feet

Camera: (Kind or source) U.S. C. & G. S. 9-Lens, 8 1/4" focal length

Field Inspection by: H.A. Duffy & Ben O. Bryant date: Sept. 1945

Field Edit by: *John D. Weiler* date: *May 1947*

Date of Mean High-Water Line Location (III): August 1945

Projection and Grids ruled by (III) Washington Office date: 1946

" " " checked by: " " date: 1946

Control plotted by: Washington Office date: June 1946

Control checked by: " " date: " 1946

Radial Plot by: M.M. Slavney date: Sept. 1940

Detailed by: R. Dossett date: Nov. 1946

Reviewed in compilation office by: J.A. Giles date: Dec. 1946

Elevations on ^{Manuscript} ~~Field Sketch~~ checked by: J.A. Giles date: Dec. 1946

STATISTICS (III)

Land Area (Sq. Statute Miles): 6.9

Shoreline (More than 200 meters to opposite shore): 17

Shoreline (Less than 200 meters to opposite shore): 8

Number of Recoverable Topographic Stations established: 8

Number of Temporary Hydrographic Stations located by radial - None
plot:

Leveling (to control contours) - miles: 6.2

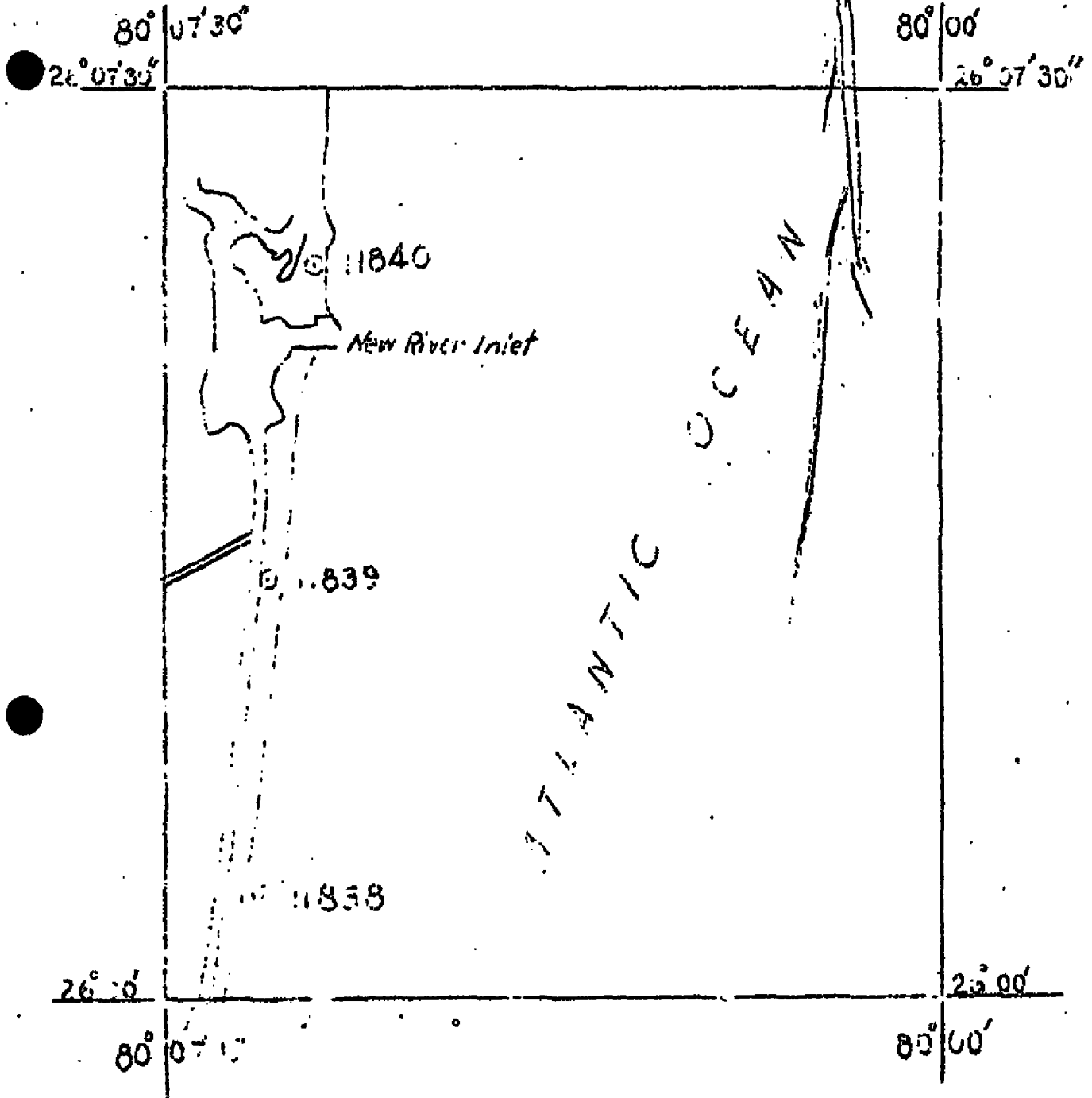
Roman numerals indicate whether the item is to be entered
by, (II) Field Party, (III) Compilation Party, or, (VI) the
Washington Office.

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

Remarks:

Declination = 1° 15' East

QUADRANGLE T-8429



LEVELS	CONTOURS	CONTROL	FIELD INSP.	BRIDGES	POLITICAL BOUNDARIES
11838	11838	The following single lent (1:10,000) photos graphs: 1592 to 1598, inclusive.		11838	11838
11839	11839			11839	11839
11840	11840			11840	11840

FIELD INSPECTION REPORT
TO ACCOMPANY
PORT EVERGLADES QUADRANGLE
T-8429

1. DESCRIPTION OF THE AREA:

The land area of this quadrangle consists of approximately 6 square statute miles.

The principal cultural features are Hollywood Beach, Intracoastal Waterway, Port Everglades, and Fort Lauderdale Beach.

The vegetation on this quadrangle consists of mangrove or brush in the low marshy areas and pine and palmetto on the higher terrain.

2. COMPLETENESS OF FIELD INSPECTION:

Field inspection was done according to instructions issued for this project.

Roads have been classified, buildings have been deleted or circled. The vast expansion of the construction and building program in this area is being called to the attention of the field editor.

3. INTERPRETATION OF THE PHOTOGRAPHS:

All photographs were clear. Mangrove shows on photographs as being very dark. Pine shows as being a lighter tone than mangrove. Palmetto appears grey and in most instances in clumps.

The cultural area which is in the western portion of this quadrangle was covered with thick grass at the time the photographs were taken.

4. HORIZONTAL CONTROL:

Horizontal control is believed to be adequate for the radial plot. This control was recovered by G.C. Whitehurst, Junior Engineering Aid.

5. VERTICAL CONTROL:

Lines of levels were run between U.S. Coast and Geodetic Survey bench marks. Temporary bench marks were established at such points as needed for plane-table contouring.

All level lines closed within the allowable limits of accuracy and were adjusted.

6. CONTOURS AND DRAINAGE:

Contouring was done by plane-table methods directly on the nine lens photographs.

All plane-table traverse closures were within the allowable limits of accuracy.

It was not necessary to locate any drainage in wooded areas since all streams, canals and ditches were clearly visible on the photographs. The major portion of the drainage in the quadrangle is composed of man made canals and mosquito control ditches.

7 & 8. MEAN HIGH WATER LINE AND LOW WATER LINE:

Mean high and low water lines were put on the photographs by measuring from some definable, common point. Time and date were listed on the photographs.

9. WHARVES AND SHORELINE STRUCTURE:

Wharves were labeled and shoreline structures were circled in red ink.

10. DETAILS OFFSHORE FROM HIGH WATER LINE:

There were no offshore details to be found on this quadrangle.

11. LANDMARKS AND AIDS TO NAVIGATION:

Landmarks and aids to navigation were investigated and pricked on photographs or located by sextant fixes by H.A. Duffy, Principal Photogrammetric Aid.

12. HYDROGRAPHIC CONTROL:

All available hydrographic control was recovered and inked on photograph.

13. LANDING FIELDS AND AERONAUTICAL AIDS:

There were no landing fields or aeronautical aids that fell within the limits of this quadrangle.

14. ROAD CLASSIFICATIONS:

All roads were classified according to instructions. This was done by George C. Whitehurst. *Instructions of 30 June 1945.*

15. BRIDGES:

All bridges over navigable waters were measured for horizontal and vertical clearances and the time and date. labeled on the photographs. The especial attention of the field editor is called to the fixed concrete bridges over now navigable waters in the north portion of this quadrangle. They are being torn out and new bridges are being built. *See compilation report attached, p. 2, 37, "Bridges"*

16. BUILDINGS AND STRUCTURES:

All buildings and structures were circled on the photographs in red ink. Churches, schools and public buildings were circled and labeled.

17. BOUNDARY MONUMENTS AND LINES:

All section corners that fall within the boundary of this quadrangle were searched for. Those that were found were pricked and labeled on photographs

Precinct lines were shown on a map of Broward County.

18. GEOGRAPHIC NAMES:

Filed in Geographic Names Section, Div. Charts

This is included in a separate report submitted by Mr. Lowell I. Bass.

Respectfully submitted,

Ben O. Bryant

Ben O. Bryant,
Sr. Photo. Aid

Approved and forwarded:

George E. Morris, Jr.

George E. Morris, Jr.
Chief of Party.

COMPILATION REPORT
TO ACCOMPANY
PORT EVERGLADES QUADRANGLE
No. T-8429

26 & 27. CONTROL AND RADIAL PLOT:

A special report prepared by M. M. Slavney has been submitted with quadrangle T-8431 compilation report.

28. DELINEATION:

Only single lens photographs were used for the delineation of this map manuscript. The nine lens photographs were used for the radial plot and the establishment of detail points.

This quadrangle is covered by U.S. Coast and Geodetic Survey planimetric map T-5633 (T-8592) and the north three minutes of T-5632 (T-8593) recently revised.

After the establishment of detail points the necessity for certain shore line changes was noted. These changes were as follows:

In the vicinity of Port Everglades entrance and northward to New River Inlet, shoreline changes were made. Also down the inland waterway to the Dania Cutoff Canal, shoreline changes were made. These changes may be noted by a comparison with the metal-mounted bristol board duplicate of this quadrangle. These changes have also been made on the 1: 10,000 scale revised sheets T-8592 and T-8593.

No changes in the woodland features have been made and such changes as may have occurred since the original revised 1: 10,000 sheets were submitted should be noted on the field edit.

The contours have been delineated according to the latest instructions for this project.

29. SUPPLEMENTAL DATA:

A map of Broward County showing the county and precinct lines was submitted by the field party. The small scale of this map and the approximate manner in which the political boundaries were shown made accurate delineation difficult. This has been referred to the field editor for a more comprehensive establishment.

30. MEAN HIGH-WATER LINE:

The mean high-water line has been delineated according to field inspection notes. Three small low water line areas, in the vicinity of Port Everglades, have been questioned and referred to the field editor for corroboration. This was done primarily because U.S.C & G.S. Nautical Chart No. 546 of recent revision, showed them as high-water line areas.

31. LOW WATER AND SHOAL LINES:

Low water and shoal lines have been delineated according to the field inspectors' notes. However, the field editor has been requested to check the mean low water line in the vicinity of Port Everglades.

32. DETAILS OFFSHORE FROM THE HIGH WATER LINE:

No offshore details were noted by the field inspector.

33. WHARVES AND SHORELINE STRUCTURES:

All wharves and shoreline structures recovered are noted by the field inspector have been delineated. The Naval Station at Port Everglades has been referred to the field editor for investigation of any new construction that may have occurred since the latest field inspection.

34. LANDMARKS AND AIDS TO NAVIGATION:

The non-floating aids to navigation were listed on form No. 567 and submitted with planimetric maps T-8592 and T-8593. Attention is called to two lights: Light 3 and light 4, the geographic positions of which have been changed from those originally submitted. They have been listed on form No. 567 with a footnote of explanation and made a part of this report. ✓

No landmarks were recovered by the field inspector and ^{this} should be investigated at the time of field edit.

35. HYDROGRAPHIC CONTROL:

Eight U.S.E. stations recovered by field inspection have been shown. These are in addition to the ones shown on the original 1: 10,000 planimetric maps T-5633 (T-8592) and T-5632 (T-8593).

The stations are being submitted on Form No. 524.

*524 cards filed in
Div. Photogrammetry
General Files.*

36. LANDING FIELDS AND AERONAUTICAL AIDS:

Not applicable since none fall within the limits of this quadrangle.

37. BRIDGES:

Owing to discrepancies with the U.S. Engineers, "List of Bridges Over Navigable Waters", bridge data as it appears on this map manuscript is to be ignored. All bridges within the quadrangle limits are to be re-checked by the field edit and corrections made accordingly.

Checked daily Field Edit. Refer to IP 37 Field Edit Report.

38. SECTION CORNERS:

One section corner (S.E. corner of section one) appears on this map manuscript. This corner appears as an established station having a Geographic position and is shown as primary control.

The field inspector has noted (on Form No. 524) that three of the U.S.E. P.R.M. stations are on section lines.

A separate report is being submitted by W.A. Rasure, Photogrammetric Engineer, relative to Section Corners and incorporated in this report. *See next page.*

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

There was no topographic quadrangle available for comparison.

45. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with U.S. C. & G.S. Nautical Chart No. 546 bearing a print date of 27 October 1945 and U.S. C. & G.S. nautical chart No. 847, having a print date 26 January 1946.

Except for the small mean low water lines mentioned on the discrepancy overlay for investigation by the field edit, no differences were noted.

Respectfully submitted,

Rudolph Dossett
Rudolph Dossett,
Prin. Photo. Aid.

Approved and forwarded:

George E. Morris, Jr.
George E. Morris, Jr.
Chief of Party.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE DELETED

STRIKE OUT ONE

19 47

Homestead, Florida 22 May

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(deleted from)~~ the charts indicated. John D. Miller, Photogrammetrist
The positions given have been checked after listing by John D. Miller

Ross A. Gilmore

Chief of Party

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	CHARTS AFFECTED			
				LATITUDE		LONGITUDE				HARBOR CHART	INSHORE CHART	OFFSHORE CHART	
				°	'	°	'						
RADIO TOWER	FLORIDA	Skeleton Steel tower 137 ft. high Flashing red light atop. (radio Station WFL)		26 06	2977	80 07	5 56	NA 27	Photo T-8429	1047	Intracoastal 847	Waterway 546	
TANK (ELEV.)		Aluminum painted elevated tank 135 ft. high		26 01	2214	80 06	88	"	"	"	X		847
*TOWER		Tower atop Fort Lauderdale bathing Casino 60 ft. above I.E.H.	102B	26 06	1788.12	80 06	516.5	"	"	"	X		847
		*previously charted as CUNOLA. Recommend it be charted as TOWER, letter being more applicable.	CUNOLA.										546

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

ORIGINAL

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~70/85/95/105/115/125~~

STRIKE OUT ONE

Tampa Photogrammetric Office, Tampa, Fla. 13 Dec. 1946

I recommend that the following objects which have ~~(be charted)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(charts)~~ the charts indicated.

The positions given have been checked after listing by W. H. Dawsey

W. H. Dawsey
George E. Morris, Jr.

Lieut. Comdr. George E. Morris, Jr.

Chief of Party

STATE	FLORIDA EAST COAST	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION		METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	CHARTS AFFECTED		
					LATITUDE D. M. METERS	LONGITUDE D. P. METERS			HARBOR CHART	INSHORE CHART	OFFSHORE CHART
		Lt. No. 4	Port Everglades Entrance	None	26 05 1155	80 06 246	N.A. 1927	Dec. 1946	X	X	546 847
		Lt. No. 2	"	None	26 05 984	80 06 244	"				

Note:

These nonfloating aids to navigation were submitted on Form No. 567 (dated 18 December 1945) Their positions were given as approximate. The above geographic positions are correct. (See paragraph 34 compilation report)

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

FIELD EDIT REPORT

QUADRANGLE T- 8429

"PORT EVERGLADES"

PROJECT CS-312-B

The field edit of this quadrangle was made by John D. Weiler, Photogrammetrist, during May, 1947.

46. METHODS - In field editing the map manuscript all roads were traversed by truck. Considerable boat work was necessary along the Intracoastal Waterway because of the inaccessibility of the area. All cultural data added to the map manuscript was either plotted from topographic features or cut in by planetable methods.

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 the most part, notations made on the field edit sheet are self-explanatory. The following data is submitted, however, to aid in their interpretation:

There are 26 bridges over navigable waters in the quadrangle. To save confusion they have been numbered and measurements summarized on a separate single-weight copy of the map manuscript. Of these bridges, 3 span the Intracoastal Waterway and are listed in the U.S. Engineers "List of Bridges over Navigable Waters of the U.S.", dated July 1, 1941. Clearances for one of the bridges so listed were verified; discrepancies were found in the listing of the other two bridges, and were reported to the local District Engineer (see copy of letter attached to this report). The remaining bridges in this quadrangle are fixed bridges spanning channels which, while navigable by small boats, are not commonly used by any but purely local traffic. None of these bridges are listed in the bridge book, and since they are of minor importance to normal navigation they have not been reported to the District Engineer.

Precinct lines and city limits are also delineated on a separate, single-weight print of the map manuscript. There is no official precinct map of Broward County; precincts were delineated from the minutes of the meeting establishing them. Photostats of these minutes will be submitted with Quadrangle T-8428.

The U.S. Coast Guard Base at the old New River Inlet has been abandoned. Efforts are being made by the City of Fort Lauderdale to acquire it as a public beach.

State Hwy. 140 is now State Hwy. 1A and its course has been defined by numerous notations.

Beacon 53 was incorrectly numbered "13" on the map manuscript.

Beacon 55 was correctly located on the map manuscript.

The shoreline along the old New River Inlet was correctly shown on the map manuscript.

Areas where new construction was noted at the time of the original field inspection were investigated and corrected.

48. VERTICAL ACCURACY TEST - No vertical accuracy test was made in this quadrangle. The nearest vertical accuracy test is immediately south of this quadrangle in T-8430, and is included in the report of revision contouring of C.W.A. sheets by Joseph K. Wilson.

49. PUBLIC LAND LINES - A search was made for corners indicated on the discrepancy overlay. One quarter-section corner, one meander corner, and one offset corner were recovered, pricked on the photographs, and form 524 submitted.

The 1927 survey referenced old posts as section corners. Twenty years have probably deteriorated them beyond recognition, and account for not recovering them.


50. LANDMARKS - One new landmark was recommended, and two verified. Form 587 is submitted.

The corrected map manuscript was reviewed by H. C. Davis, Engineer for Broward County for many years; he could find no errors.

Respectfully submitted,


John D. Weiler
Photogrammetrist

Approved and Forwarded:


Ross A. Gilmore, 6/11/47
Chief of Party

QUADRANGLE T-8429
PROJECT CS-312 B

PUBLIC LAND LINES:

Only one section corner within the limits of this quadrangle was recovered in the field. It is a traverse station and is the southeast corner of section 1, T-50-S, R-42-E.

Plats of a survey in 1927 made by the County Engineer of Broward County were used in constructing the section lines. It is not known if this survey is recognized by the General Land Office; however, it is believed to be very accurate and should be used in preference to the old General Land Office plats.

*Note by
Review

The section lines are shown on the front of the map manuscript in red acetate ink and have been drawn across the water area along the intracoastal waterway merely for the aid of the smooth draftsman.

The junction on the north with quadrangle T-8426 should be carefully checked in the Washington Office, as there is a datum and scale change along this junction line. The junction was made in this office from an ozalid print.

When field inspection was done on quadrangle T-8426, the south west corner of section 1, T-50-S, R-42-E. was recovered. This corner was not recovered by the field inspector: for this quadrangle and it plots in a small canal. This corner should be investigated by the field edit party.

William A. Rasure

William A. Rasure,
Photo. Engr.

Approved and forwarded:

George E. Morris, Jr.
George E. Morris, Jr.
Chief of Party.

* The 1927 survey was based on recovery, by the County Engineer, of generally accepted corners. Most of these section corner markers, usually posts, are now deteriorated and it would be very difficult and impractical to attempt to construct the section lines on the basis of the G.L.O. plat information.

K.H. Mahli

2-27-48

T-8429 will be smooth drafted in the Division of Photogrammetry, after which it will be forwarded to the Geological Survey for publication. The following data regarding T-8429 are filed and may be obtained as follows:

- (a) The 1:20,000 scale manuscript corrected after field edit is filed in the Div. of Photogrammetry and may be obtained on request.
- (b) The field edit sheet is filed in the Division of Photogrammetry.
- (c) The descriptive report, together with a 1:20,000 scale photographic copy of the manuscript, is being registered in the Coast and Geodetic Survey archives at this time. When T-8429 is published, a cloth-backed color print will also be registered in the archives. The descriptive report may be obtained on request.

*Registered copy
in poor condition
and replaced
9/22/53*

B.G. Jones
B. G. Jones
Technical Assistant to the
Chief, Div. of Photogrammetry
March 8, 1948

Division of Photogrammetry
Review Report of
Topographic Map Manuscript T-8429

Subject numbers not used in this report have been adequately covered in other parts of the descriptive report.

That portion of

28. Detailing. Planimetric map manuscripts T-8592 and T-8593, scale 1:10,000, ^{East of Long Point, Ont.} were reproduced on vinylite at a scale of 1:20,000 to form map manuscript T-8429. This reproduction process plus the reduction in scale necessitated some redrafting of the map manuscript in order to clarify the detail. In conjunction with this redrafting work the application of field inspection from the 1945 single lens field ratio photos was checked against the 1:10,000 planimetric maps and these maps were, in turn, applied to the map manuscript.

The smooth draftsman should have sheets T-8592 and T-8593 for reference to enable him to distinguish the details in congested areas.

44. Comparison with Existing Topographic Quadrangles. - The following surveys are superseded by the map manuscript in all common areas:

T-1510	1:20,000	1883	
T-4527	1:20,000	1927	
T-6181	1: 5,000	1934	1944?
T-6182	1: 5,000	1934	
T-8592	1:10,000	1934	} these are 1:10 000 scale shoreline survey made at same time as T8429 and are not superseded. <i>agg.</i>
T-8593	1:10,000	1934	

45. Comparison with Nautical Charts. -

No. 546	1: 5,000	2-10-47
No. 847	1:40,000	7-20-46
No. 1248	1:80,000	11- 2-46

Critical corrections from
(The map manuscript have been) applied to nautical chart No. 546, 2-4-47.

48. Vertical Accuracy Test. - A vertical accuracy test was run for the adjacent quadrangle T-8430 on sheet 261-4 of the C.W.A. surveys. On the basis of that test this map complies with the national standard map accuracy requirements.

Reviewed by:

K. N. Maki
K. N. Maki
2-27-48

Reviewed under direction of:

S. V. Griffith
S. V. Griffith
Chief, Review Section

APPROVED BY:

B. J. Jones 3/48
Technical Assistant to the
Chief, Div. of Photogrammetry

H. C. Pendergast
Chief, Nautical Chart Br.
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

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

Stuart, Fla.

8 June 1947

To: District Engineer
Jacksonville District
Corps of Engineers
P. O. Box 4470
Jacksonville 1, Fla.

Subject: Bridge clearances

The clearances listed herein were determined during field work for map quadrangle 2-6470. These measurements differ from those given in the "List of Bridges over Navigable Waters of the U.S.", dated July 1, 1941, and are reported for your information.

Vertical clearances were measured from a carefully oriented mean high-water line as indicated on former filing.

1. JACK LAMBERTALE (200.0), p. 212, Lat. 29 07.15, Long. 80 04.0; should read "2, 4 (span), (Main. Cl.) both left & right) 27 ft., (Vert. Cl.) 2.0 ft. (HW).
2. HOLLYWOOD (300.2), p. 212, Lat. 29 00.7, Long. 80 07.1; should read "2, 1 (span), (Main. Cl.) 22 ft., (Vert. Cl.) 0.8 ft. (HW).

Louis V. Evans, III
Chief of Party

- cc: 1. Director,
Coast and Geodetic Survey
2. Lt. Comdr. Hugh A. Gilmore,
Chief of Party
3. Field Unit Report, 2-6470 ✓

GEOGRAPHIC NAMES

Survey No.

T-8429

PORT EVERGLADES, Fla.

1

Name on Survey

On Chart
No.

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

Name on Survey	A	B	C	D	E	F	G	H	K		
<u>Florida</u>										USGB	1
<u>Broward County</u>											2
<u>Intracoastal Waterway</u>										USGB	3
<u>Atlantic Ocean</u>											4
<u>State No. AIA</u>											5
											(two places)
<u>Hollywood</u>											6
<u>Bonito Island</u>											7
<u>Dolphin Island</u>											8
<u>South Lake</u>											9
<u>North Lake</u>											10
<u>Hollywood Beach</u>											11
<u>West Lake</u>											12
<u>City of Dania Park</u>											13
<u>Dania Town Canal</u>											14
<u>Dania Cutoff Canal</u>											15
<u>Dania Sound</u>										USGB	16
<u>Lake Mabel</u>											17
<u>Lake Mabel Canal</u>											18
											19
											Name report included this name, for a canal extending northerly from Dania Cutoff Canal. It does not appear to exist on map manuscript. Name is OK if feature exists.
<u>Port Everglades</u>											20
<u>Turning Basin</u>											21
<u>Stranahan River</u>										USGB	22
<u>Fort Lauderdale</u>											23
<u>Mayan Lake</u>											24
<u>Lake Sylvia</u>											25
<u>Burnham Point</u>											26
<u>New River</u>											27

GEOGRAPHIC NAMES

Survey No.

T-8429

2

Name on Survey

On Chart No. / 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>New River Sound</u>									1
<u>Mooney Point</u>									2
<u>Sunset Lake</u>									3
<u>East Las Olas Boulevard</u>									4
<u>Las Olas Boulevard Bridge</u>									5
<u>Nirmi Isles</u>									6
<u>Fort Lauderdale Beach</u>									7
									8
The original names report shows many names for the small islands and waterways in the northern part of this sheet, east of Fort Lauderdale. A copy of the map showing these names is attached, in case the scale of the sheet permits using them.									9
									10
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Names underlined in red are approved. 2/26/48 IH
[Handwritten signature]

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8429 (1946)

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
<i>2-4-47</i>	<i>546</i>	<i>W. Andrews</i>	Before After Verification and Review <i>Examined for critical corrections.</i>
<i>11-14-49</i>	<i>847</i>	<i>L. Leich</i>	Before After Verification and Review <i>Tops and shoreline fully applied before field edit</i>
<i>5-12-54</i>	<i>1248</i>	<i>W. M. Boyer</i>	Before After Verification and Review <i>Exam No crit. Corr.</i>
			Before After Verification and Review
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			Before After Verification and Review
			Before After Verification and Review

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.