

8428

Original

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

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. T-8428 Office No. _____

LOCALITY

State Florida

General locality Broward County

Locality Fort Lauderdale

"Fort Lauderdale South"

1947

CHIEF OF PARTY

Lieut. Comdr. George E. Morris, Jr.

LIBRARY & ARCHIVES

DATE March 9, 1948

8-1870-1 (1)

u 2011

8428

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Fla. East Coast
LOCALITY Ft. Lauderdale

SHEET NO. T-8428
PROJECT NO. CS-312-B
SCALE 1:20,000

PHOTOS ORDERED..... REC'D.....
PROJECTION ORDERED..... REC'D 15 July 1946

Joins. T-8427 Ck.....

CONTROL:
COMPUTED M.M. Slavney VERIFIED H.J. Pate
PLOTTED E.C. Andrews VERIFIED W.W. Dawsey

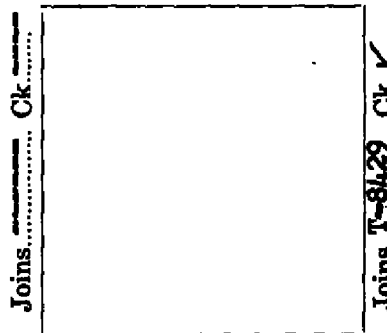


PHOTO PREPARATION:
CONTROL W.W. Dawsey
AZIMUTHS M.M. Slavney
PASS POINTS Pate & Slavney

Joins T-8430... Ck. ✓

TEMPLETS E.C. Andrews VERIFIED M.M. Slavney

11-14-42 - 11-25-42
DATE OF PHOTOS 3-9-45 - 6-1-45

RADIAL PLOT:
PLOTTED BY M.M. Slavney DATE 9/18/46
VERIFIED M.M. Slavney DATE 9/26/46

TIME OF PHOTOS.....

COMPILATION:
DETAIL POINTS C.H. Baldwin DATE 11/46
Nov. '46
DETAIL BY C.H. Baldwin DATE Mar. '47
VERIFIED BY J.A. Giles DATE April 1947

STAGE OF TIDE.....

Inshore quadrangle

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

This is an inshore quadrangle. - covered by charts 847, 546
and 1248

REMARKS.....
.....
.....

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

DATA RECORD

T- 8428

Quadrangle (II): FT. LAUDERDALE SOUTH Project No. (II): CS - 312-B

Declination = 1° 30' East

Field Office: Tampa, Fla.

Chief of Party: George E. Morris, Jr.
Lieut. Comdr.

Compilation Office: Tampa, Fla.

Chief of Party: George E. Morris, Jr.
Lieut. Comdr.

Instructions dated (II III): 25 May 1945

Copy filed in Descriptive
Report No. T- (VI)
Div. of Photogr. Office Files

Completed survey received in office:

9-4-47

Reported to Nautical Chart Section:

Reviewed: 1-30-48

Applied to chart No.

Date:

Redrafting Completed:

Registered: 2 March 1948

Published:

Compilation Scale: 1:20,000

Published Scale: 1:24,000

Scale Factor (III): None

Geographic Datum (III): N. A. 1927

Datum Plane (III): M.S.L.

Reference Station (III): LAUDERDALE, 1934

Lat.: 26° 06' 24.936"(767.4m)

Long.: 80° 08' 28.070"(779.9m)

Adjusted

~~Unadjusted~~

State Plane Coordinates (VI): East Zone

X = 781,851.59 feet Y = 645,455.46 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-1575 thru 45c-1582	3-9-45	10:50	1:20,000	---
45c-1592 thru 45c-1598	3-9-45	11:15	1:20,000	0.2 ✓
45c-3346 thru 45c-3353	6-1-45	2:20	1:20,000	---
45c-3371 thru 45c-3378	6-1-45	2:40	1:20,000	---

See attached sheet for data on nine lens photographs.
Tide from (III): Mayport, Florida Port Everglades

Mean Range: 2.3 feet

Spring Range: 2.8 feet

Camera: (Kind or source) USC&GS 9-lens, 8 $\frac{1}{2}$ " focal length

Field Inspection by: B. O. Bryant

date: Sept., 1945

Field Edit by:

John D. Weiler

date: *May & June, 1947*

Date of Mean High-Water Line Location (III): Sept., 1945

Projection and Grids ruled by (III) Wash. Office

date: 1946

" " " checked by: Wash. Office

date: 1946

Control plotted by: E. C. Andrews

date: 8/46

Control checked by: W. W. Dawsey

date: 8/46

Radial Plot by: M. M. Slavney

date: 9/46

Detailed by: C. H. Baldwin

date: 11/46 to 3/47

Reviewed in compilation office by: J. A. Giles

date: 4/47

Map Manuscript

Elevations on ~~Sheet~~ ~~Sheet~~ ~~Sheet~~
checked by: J. A. Giles

date: 4/47

<u>NUMBER</u>	<u>DATE</u>	<u>TIME</u>	<u>SCALE</u>	<u>STAGE OF TIDE</u>
11931	11-14-42	1:42	1:20,000	
11932	"	1:43	"	
11933	"	1:44	"	
11934	"	1:45	"	
11935	"	1:46	"	
11936	"	1:47	"	
12159	11-25-42	11:32	"	
12160	"	11:33	"	
12161	"	11:35	"	
12162	"	11:37	"	
12163	"	11:39	"	
12164	"	11:50	"	
11838	11-14-42	11:20	"	
11839	"	11:21	"	
11840	"	11:22	"	
11996	"	3:18	"	
11997	"	3:18	"	

STATISTICS (III)

Land Area (Sq. Statute Miles): 66.88

Shoreline (More than 200 meters to opposite shore): none

Shoreline (Less than 200 meters to opposite shore): 42

Number of Recoverable Topographic Stations established: 1

Number of Temporary Hydrographic Stations located by radial none
plot:

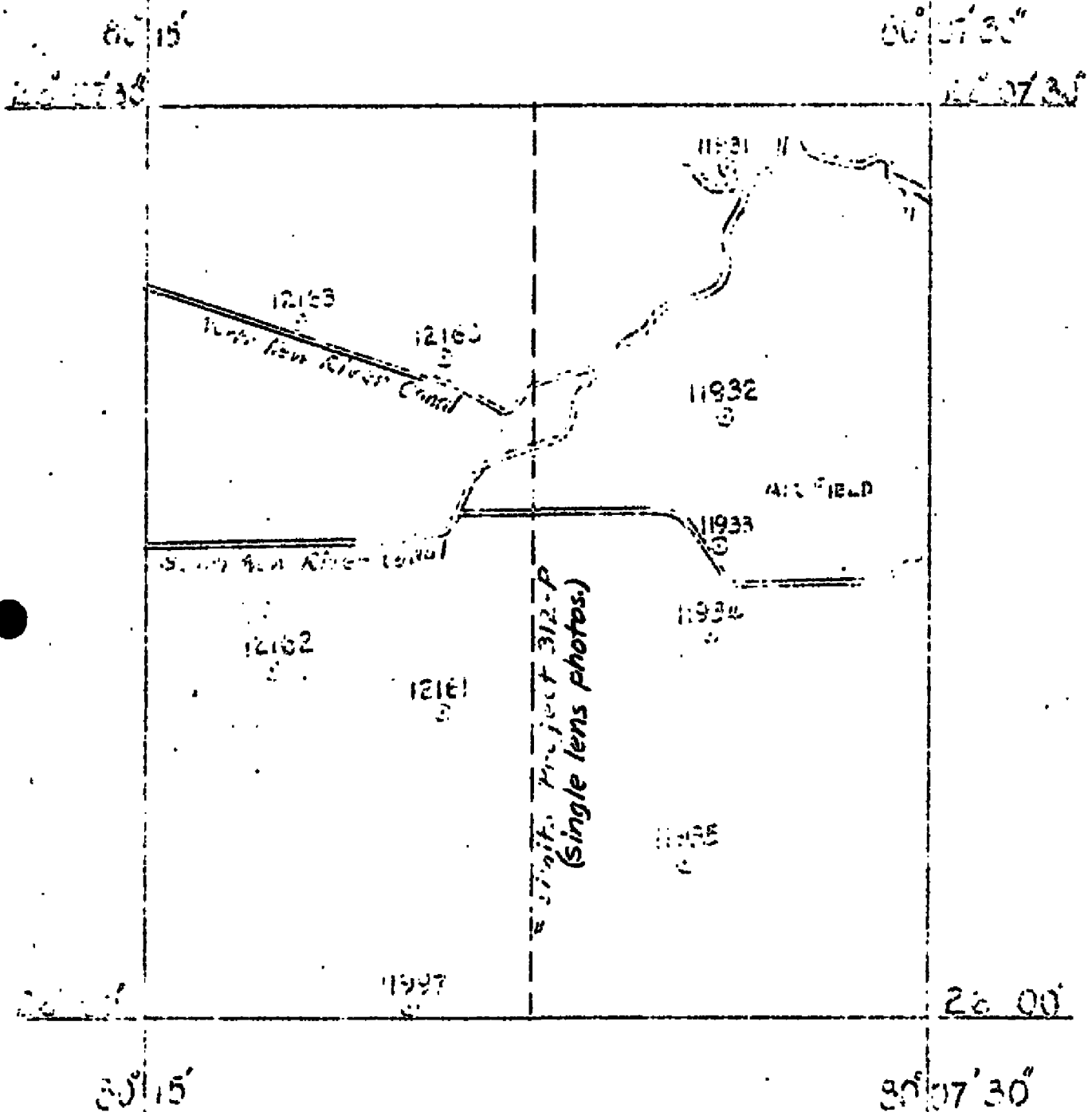
Leveling (to control contours) - miles: 96.5

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:

TRIANGLE T-8425



Levels	Contours	Control and Field Inspection	Bridges	Political Boundaries
11932 11934 12160 12161	11931 11933 11935 11997 12162 12163	12160 and 12161, also the following single lens (1:10,000) photographs: 1575 to 1582, inclusive. 1592 " 1598 " "	11932 11934 12160 12161	11932 11934 12160 12161

FIELD INSPECTION REPORT
TO ACCOMPANY
"FT. LAUDERDALE SOUTH " QUADRANGLE T-8428
PROJECT CS 312-B

1. DESCRIPTION OF AREA

This quadrangle is located between Latitudes 26° 00' 00" and 26° 07' 30" and Longitudes 80° 07' 30" and 80° 15' 00" on the East Coast of Florida in Broward County. The land area of this quadrangle consists of approximately 64 square statute miles. Elevations range from 1 to 20 feet. The 20-foot contours that are within the bounds of this quadrangle are very small and are isolated.

The principal cultural features of this quadrangle are as follows: the towns of Hollywood, Dania, Ft. Lauderdale, and Davie; U. S. Highway No. 1, State Road No. 26, and State Road No. 149; Dania Cut-Off Canal, New River, South Fork New River, and North Fork New River; Forman Field and Ft. Lauderdale Naval Air Base; Seaboard Railroad (one track) and Florida East Coast Railroad (two tracks); and the numerous gravel pits along the Seaboard Railroad west of the town of Dania.

The greater part of this quadrangle is farm land- vegetable farming and dairy farming being the most important industries. The farm roads in the area are in use only in the winter months and are not maintained during the off season. Around the town of Davie, which is in the west central part of this quadrangle, there are numerous citrus groves. The land is well drained by small canals that lead into the larger canals and are controlled by flood gates and pumps.

The vegetation of the higher land is composed of grass, scattered pine, palmetto, and scrub oak; the lower area is composed of cypress, maple, bay, mangrove, and other typical tropical woods.

2. COMPLETENESS OF FIELD INSPECTION

The field inspection has been done in accordance with the instructions issued for this project.

The field inspection is complete-- the shoreline was inspected, roads were classified, boundaries were delineated, vegetation was classified, and all public buildings were noted on photographs.

3. INTERPRETATION OF PHOTOGRAPHS

Densely wooded areas of pine and oak appear very dark on the photographs. Scattered pine appears dark, speckled on grey background which is grass. Where this is a shade darker, there is a mixture of brush or palmetto. Because of the fertility of the land in the cultivated areas, brush and weeds will grow to be 4 to 6 feet tall from one season of farming to another. This should not confuse the compiler unless otherwise marked "brush" on the photographs. Hardwood areas are usually found on sandy and upland areas and are of a dark bushy appearance. Cypress and heavy palmetto give a grey pebbled appearance.

4. HORIZONTAL CONTROL

All known horizontal control in this quadrangle was searched for. It is believed that there is adequate control for the radial plot; therefore, no supplemental control was established. Two substitute stations were established on this quadrangle for stations LOCKS 1934 and A-19-OFFSET 1944. They were pricked on nine-lens photographs number 12160.

5. VERTICAL CONTROL

For the vertical control necessary for contouring, fly levels were run between U. S. Coast and Geodetic Survey bench marks previously established. While running these lines, level points (temporary bench marks) were established at identifiable points on the photographs. The level lines were run along roads with the exception of the west side of the quadrangle which was cross country. Some of these points were above or below the general elevation of the surrounding territory. Main level lines were closed with the degree of accuracy required and adjusted. U. S. Coast and Geodetic bench marks are shown in their approximate positions on the photographs.

Level elevations were inked in blue on photographs Nos. 12160, 12161, 11932, and 11934. The levels were run by G. C. Whitehurst, Engineering Aid.

6. CONTOURS AND DRAINAGE

Contouring was done on photographs Nos. 11931, 11933, 11935, 11997, 12162, and 12163. Standard planetable methods were used according to instructions issued for this project. The contours have been shown running up to the spoil banks and turning along the spoil. From the elevations shown on the spoil banks it is believed that sufficient information has been given to continue the contours until the point of turn, which is marked on the photographs.

The only natural drainage is the New River (including its north and south forks) which is in the northern part of the quadrangle. The drainage in the southern part of the quadrangle is controlled by the Dania Cut-Off Canal which has numerous laterals that form part of the Everglades drainage project. These canals receive their waters from the main canal and are controlled by flood gates and pumps, according to the season.

7. MEAN HIGH-WATER LINE

The mean high-water line was checked by H. A. Duffy, Prin. Photo. Aid. The only shoreline that falls within this quadrangle is the shoreline along the canals. It is formed by cut banks and the low-water and high-water lines are the same.

8. LOW-WATER LINE

See paragraph No. 7.

9. WHARVES AND SHORELINE STRUCTURES

There are no wharves that fall in the limits of this quadrangle. Shoreline structures are noted on photographs.

10. DETAILS OFFSHORE FROM THE HIGH-WATER LINE

This is an inshore quadrangle. *Not entirely true. It is affected by tideswater.*

11. LANDMARKS AND AIDS TO NAVIGATION

There are neither landmarks nor aids to navigation applicable to this quadrangle. *See form 567 attached to this Desc. Report.*

12. HYDROGRAPHIC CONTROL

This is an inshore quadrangle. No hydrographic control was established.

13. LANDING FIELDS AND AERONAUTICAL AIDS

There are three landing fields that fall within the boundaries of this quadrangle; namely, Ft. Lauderdale Naval Air Base, Forman Field, and North Perry Field. Plans for North Perry Field, which partly falls within this quadrangle were submitted with the report accompanying quadrangle No. T-8430.

Plans of Ft. Lauderdale Naval Air Base and Forman Field accompany this report.

14. ROAD CLASSIFICATIONS

All roads were classified according to instructions for this project. However, there are a considerable number of road expansion projects throughout this quadrangle and the field edit party should take close notice. There is a road in Dania which follows the canal on the south. The elevations shown on the spoil bank will have to be closely checked because the county is in the process of making a new road through this area and using quite a bit of this spoil for top soil.

15. BRIDGES

All bridges were measured for vertical and horizontal clearances and noted on the photographs. The bridges in the western part of this quadrangle are fixed bridges. Because of the expansive construction in this area, they are being torn out and more modern bridges are taking their places. However, these bridges are not over navigable streams. Attention is called to the field edit party to check these bridges.

16. BUILDINGS AND STRUCTURES

All habitable buildings were circled with red ink except in urban areas. Railroad stations, schools, post offices, and all public buildings have been shown and labeled on the photographs.

17. BOUNDARY MONUMENTS AND LINES

The boundaries of the Ft. Lauderdale Naval Air Base and Forman Field are marked by a steel fence. The turns of these fences are pricked and inked on the photographs. The boundary of the Seminole Indian Reservation is a fence and is marked on the photographs.

Each turn was visited by this party and no monuments were found. The urban areas were marked by the Washington Office on photographs Nos. 11930, 11932, and 11837 which will accompany this report.

The precinct lines were marked on photographs Nos. 11837 and 11932. This information was acquired from the County Registrar of Broward County.

18. GEOGRAPHIC NAMES

This has been a subject of a special report by Lowell I. Bass, Engr. Aid. *List of names attached to this Desc. Report.*

Respectfully submitted,

* Ben O. Bryant
Sr. Photo. Aid

Approved and forwarded:

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

* This report was typed from the rough draft made by Ben O. Bryant who is no longer with this Bureau.

COMPILATION REPORT
TO ACCOMPANY
FORT LAUDERDALE SOUTH QUADRANGLE T-8428

26 AND 27 CONTROL AND RADIAL PLOT:

A special report has been prepared by Mr. M. M. Slavney and submitted with quadrangle No. T-8431.

28 DELINEATING:

The nine lens photographs were used for cutting in detail points. They were of poor scale and were used for delineating only the western two minutes of the quadrangle which area was not covered by the more recent single lens photographs. The single lens photographs were of good scale.

The inspection was not adequate for clear delineation. A number of roads were not classified and several ditches not labeled.

The eastern two minutes of 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.

Precinct lines were not marked on photographs as stated in the field inspector's report under item number 17, second paragraph. It is requested that the field edit party establish these lines.

29 SUPPLEMENTAL DATA:

The plans for Forman Field, U. S. Naval Air Station, Fort Lauderdale, and North Perry Field were obtained from their respective Commanding Officers by the field inspector and are being submitted with this quadrangle.

30 MEAN HIGH WATER LINE:

See field inspector's report, paragraph 7.

31 LOW WATER AND SHOAL LINES:

See field inspector's report, paragraph 7.

32 DETAILS OFFSHORE FROM THE HIGHWATER LINE:

Inapplicable; inshore quadrangle - *✓ Tidewater print.*

33 WHARVES AND SHORELINE STRUCTURES:

Inapplicable.

34 LANDMARKS AND AIDS TO NAVIGATION:

See field inspector's report, paragraph 11.

35 HYDROGRAPHIC CONTROL:

See field inspector's report, paragraph 12.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

See field inspector's report, paragraph 13.

37 SECTION CORNERS:

Twenty-six (26) section corners were recovered in the field and are shown on the map manuscript. See special report by Mr. William A. Rasure, Photogrammetric Engineer on section lines submitted with this report.

38 JUNCTIONS:

Junctions have been made with quadrangle T-8429 on the east and quadrangle T-8430 on the south.

It is requested that the Washington Office furnish the field editor with an ozalid print of quadrangle T-8427 so that proper junction can be made.

For the work on this quadrangle the triangulation station "COUNTY", 1928 Lat. $26^{\circ} 06' 52.876''$ and Long $80^{\circ} 08' 26.907''$ was recovered and used in the main radial plot. When delineation was completed on T-8428 a discrepancy in longitude between the detail along the Junction of T-8428 and T-8427 was found to exist from longitude $80^{\circ} 08' 50''$ to $80^{\circ} 09' 10''$. It is felt that the use of triangulation station "COUNTY 1928, especially with photograph 11932, gives a positive fix on the longitudinal position of detail in this area.

*Junction
made.*

This discrepancy, which can properly be corrected in Washington on manuscript T-8427 amounts to a maximum of 0.8 mm. (Only a very small area affected in this junction).

See Review Report.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLE:

There is no existing topographic quadrangle available.

45 COMPARISON WITH NAUTICAL CHARTS:

This is an inshore quadrangle.
affected by tideswater.

Not quite true. ✓ It is

Respectfully submitted,

Charles H. Baldwin

Charles H. Baldwin
Engr. Draftsman.

Approved and Forwarded:

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

PROJECT CS-312-B
QUADRANGLE T-8426

PUBLIC LAND LINES:

Plats of a survey in 1927 made by the County Engineer of Broward County were used in constructing the section lines for Townships 51 and 52 South, Range 42 East. It is not known if this survey is recognized by the General Land Office; however, it is believed to be very accurate and agrees with our recovered corners; therefore, it is felt that it should be used.

Attention is called to what is believed to be a discrepancy in the following two corners:

(1) Southwest corner of section 5, T50S, R42E, pricked on single lens ratio print 45C-3372. It is believed that this corner was pricked at the wrong road intersection. This same corner was recovered by the field inspector for quadrangle T-8427. The position as cut-in on T-8427 agrees with the survey plat but disagrees with the position on this quadrangle by approximately 2.0mm.

(2) Southwest corner of section 11, T51S, R42E, pricked on single lens ratio print 45C-1577. It is believed that this corner was pricked at the wrong road intersection also. It disagrees with the survey plat by approximately 3.0mm. and the line as constructed from the survey plat falls on the center line of a road intersection.

These two stations have been encircled with a large green circle on the back of the map manuscript.

With the exception of the two stations already mentioned, it is believed that the section lines are fairly accurate as constructed.

Plats of surveys by the Internal Improvement^{Fund} of the State of Florida (1908 and 1911) were used in constructing the lines for Townships 50 and 51 South, Range 41 East. A plat for the southern half of T50S, R41E was not available to this office and the lines were constructed by extension of surrounding lines and holding existing detail. Few corners were recovered within these two townships and the lines as constructed are somewhat doubtful and should be carefully checked by the field edit party

The junction on the north with quadrangle T-8427 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.

The section lines have been shown on the front of the map manuscript with red pencil and will be inked with red acetate ink after field edit. The numbers of the sections have been inked in their approximate centers.

Respectfully submitted,

William A. Rasure

William A. Rasure,
Photogrammetric Engineer


Approved and Forwarded:


George E. Morris, Jr.
Chief of Party.

PROJECT CS-312-B
QUADRANGLE T-8428.

NOTES TO FIELD EDITOR:

The contouring in and around the town of Davie was neither adequate nor clear enough for accurate delineation. The turning points of the contours were not shown along the spoil banks. See field photographs No. 12162. *ok ✓*

 The contouring of borrow pits was done on the nine lens photographs but do not agree with the limits of the borrow pits delineated from single lens prints. Particular attention is called to an area between the Seaboard Railroad and the United States Naval Air Station Fort Lauderdale where the borrow pits have changed considerably between the date of the nine lens photographs and the single lens photographs. See (1:10,000) single lens field photograph 45C-3375. *ok ✓*

Above items have been corrected. E.N.M.

FIELD EDIT REPORT

TO ACCOMPANY

QUADRANGLE T-8428

"FORT LAUDERDALE SOUTH"

PROJECT CS-312-B

46. METHODS

In field editing the map manuscript, all roads were traversed by truck. Because of a plethora of roads, walking was necessary in only a few instances, for section corner searches. All cultural data added to the manuscript were plotted from identifiable topographic features of by planetable methods.

47. ADEQUACY OF THE MAP MANUSCRIPT

In general, the map manuscript was adequate and correct except for changes since the date of the original field inspection, and data omitted at the time of that inspection, or by the compiler.

Details noted on the field edit sheet are clarified below:

The Naval Air Station at Fort Lauderdale has been taken over by the Boca Raton Army Airfield as a Sub-base.

"Forman Field" is now "Fort Lauderdale-Davie Airport."

"North Perry Field" is now "Perry Field" ("South Perry Field" has been abandoned).

The city limits of Hollywood, Dania and Fort Lauderdale have been delineated, with the aid of the respective city engineers, on a separate copy of the map manuscript.

Precinct lines have not been delineated. Photostatic copies of the minutes establishing precincts are submitted, and appear to be clear enough to enable the compiler to locate them properly. These minutes should also be checked against the precinct lines on T-8429, T-8430 and T-8431. These precinct lines are in the process of being changed at the present time, but at this date the photostatic descriptions are correct. Previous precinct lines were taken from a commissioners' district map and may be incorrect. In case of discrepancy use the legal description.

The village of Davie^{is} unincorporated.

Numerous contours were erroneously shown. There were not sufficient elevations shown on the spoil banks and many contours were not closed properly. The spoil banks along the built-up areas are more or less of a temporary nature, as these banks are being removed for fill purposes, etc. Ample notes have been made on the edit sheet and photographs clarifying these contours and spoils.

At the northwest corner of the quadrangle the new canal was incorrectly located. Appropriate notations have been made on photograph No. 12163.

In classifying scattered woods the compiler has consistently included too much area. A few scattered shade trees in a pasture appear as cleared land from a visual stand point, and should be so classified. This is rather difficult to explain, but an attempt has been made to show this on photo 12161, excluding the few scattered trees on the edge of the stand from a woodland classification.

Numerous roads were erroneously classified as Rd.2 or Rd.4 in urban areas. In these instances, the road classifications were deleted in green ink and the compiler is to assume that the roads are Rd.3, unless otherwise noted.

A new map of Port Everglades is submitted. It shows all construction at the time of the field edit.

New River Daybeacons 3 and 4 were recovered and identified. Form 524 descriptions and Form 567 are submitted.

The descriptive report for the quadrangle states that landmark data is not applicable. This is not correct, as 4 landmarks are within the quadrangle. These have been identified and reported on form 567. One additional landmark, "TANK (ELEV.)" which falls just E of this quadrangle has been included in the Landmarks Report; it should be appropriately noted in T-8429.

Two triangulation stations, AIRWAY BEACON NO.2 and REAR RANGE LIGHT, were noted on the discrepancy overlay. Both are lost; see 1935 recovery note for REAR RANGE LIGHT and recovery note submitted with this quadrangle for AIRWAY BEACON NO.2. The present rear range light at Port Everglades and the air beacon at the Sub-base, Boca Raton AAF, have been identified on the photographs; a description, form 524, is submitted for each.

48. PUBLIC LAND LINES

Twenty additional section corners were recovered, and should enable the compiler to tie down the public land lines somewhat better. It should be noted that some of these monuments were of a semi-permanent nature; a large nail and washer driven into the road surface. These are used a great deal by the Broward County Hwy. Dept. Their permanency, however, is questionable.


49. VERTICAL ACCURACY TEST

No vertical accuracy test was specified for this quadrangle. The nearest test is in the quadrangle bordering on the South (T-8430) and is the subject of a special report "Revision Contouring of C.W.A. sheets" by Joseph K. Wilson.


50. BRIDGES:

All bridge information for the area covered by this report as listed in the U.S. Engineers "List of Bridges Over Navigable Waters in the U.S." dated July 1, 1941, was verified in the field, all clearances were carefully measured with a steel tape, and the published descriptions and clearances were found to be correct except for discrepancies on 6 bridges; 2 bridges were not listed. Discrepancies and bridges to be added were reported to the local District Engineer; see copy of letter attached to this report. Numerous fixed bridges over unimportant channels have been noted, with clearances, on a separate print of the map manuscript, but were not reported to the District Engineer since the channels are used only by local, small-boat traffic. None of the bridges omitted from the report to the District Engineer span channels for which bridge information is listed in the Bridge Book.


Field edit of the sheet was done during May and June, 1947, by John D. Weiler, Photogrammetrist. The sheet was reviewed by H.C. Davis, Broward County Engineer; and Frank Dickey, Engineer for the City of Hollywood. Both are long-time residents and familiar with the area covered by the quadrangle. They found no errors.


John D. Weiler
Photogrammetrist

Supervised:


Lewis V. Evans, III
Lieut. (jg), USC&GS

APPROVED AND FORWARDED:


Ross A. Gilmore
Chief of Party

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

Duplicate copy for
Coast Pilot

~~NON-FLOATING AIDS OR~~ LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE ~~REMOVED~~

STRIKE OUT ONE

Stuart, Florida

28 May 1947

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. Weiler Richard A. Reese, Tampa Photogrammetric Office
The positions given have been checked after listing by

ROSE A. GILMORE

Chief of Party.

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE							
				D	M	D	M						
TANK (ELEV.)	Florida	Elev. cylindrical water tank, 142 ft. high (Hollywood, Silver Tank, Pinol, 1934)		26 01	139.0	80 08	1871.5	T-428 triang. K. 1947	1934	X			847
TANK (ELEV.)		Elev. cylindrical water tank, 90 ft. high, at Danie.		26 03	113.0	80 08	1106.0	T-6428 Photo " " "	May, 1947	X			"
TANK (ELEV.)		Elev. elliptical water tank, 145 ft. high, # of Port Everglades		26 05	1386.0	80 08	562.0	" " "	" " "	X			"
TOWER		Tower on Broward County Courthouse, 75 ft. high (Mount, 1928)		26 06	1527.2	80 08	747.6	T-6428 triang. K. 1947	1928	X			"
TANK (ELEV.)		Elev. cylindrical water tank, 135 ft. high (A Fort Lauderdale Silver Tank, Pinol, 1934)		26 07	647.6	80 07	823.6	T-6428 triang. K. 1947	1934	X			"

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.

Form 567
April 1945

Duplicate copy for
Coast Pilot.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~

STRIKE OUT ONE

Stuart, Florida

3 June

1947

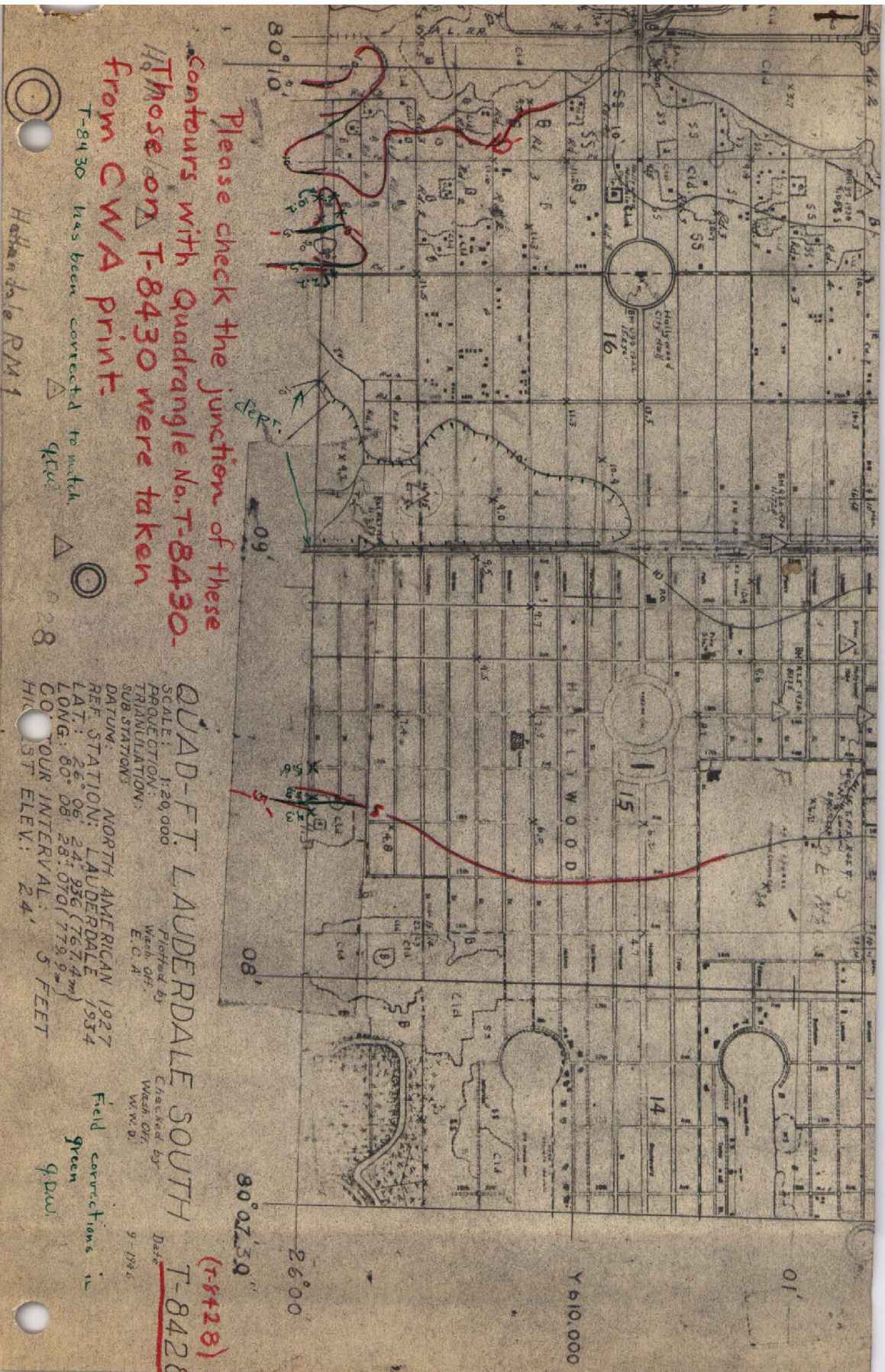
I recommend that the following objects which have *(have not)* been inspected from seaward to determine their value as landmarks be charted on ~~(charts)~~ the charts indicated. By **John D. Weller**
The positions given have been checked after listing by **Richard A. Reese, Tampa Photogrammetric Office**
Ross A. Gilmore

Chief of Party

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE							
				D	D. R. METERS	O	D. P. METERS						
Bn 4	Florida	(Red pointer and reflector on pile) New River Daybeacon 4	*	28 08	1736.0	80 07	1303.0	NA 1931AIX Photo S-5428 May 1947	2 X			546 847	
Bn 5		(Green reflector on pile) pointer missing New River Daybeacon 5	*	28 08	1736.0	80 07	1187.0	"	2 X			"	
R, R, L4.		(Skeletal steel tower fixed red light) Port Everglades Rear Range Light	*	26 05	1020.0	80 07	1597.0	"	2 X			"	

Chart Editor

147



Please check the junction of these
 contours with Quadrangle No. T-8430-
 Those on T-8430 were taken
 from CWA print.

T-8430 has been corrected to match.
 Hoffmandale RM 1

QUAD-FT. LAUDERDALE SOUTH
 SCALE: 1:20,000
 PROJECTION: Projected by
 TRIANGULATION: Wash. Off. E.C.A.
 SUB STATIONS:
 DATUM: NORTH AMERICAN 1927
 REF. STATION: LAUDERDALE 1934
 LAT.: 26° 06' 24" 936 (7677.4m)
 LONG.: 80° 08' 28" 070 (779.9m)
 CONTOUR INTERVAL: 5 FEET
 HIGHEST ELEV.: 24'

Checked by
 W.M.D.
 Date T-8428
 (T-8428)
 Field corrections in
 Green
 qdw.

POST-OFFICE ADDRESS: Homestead, Fla.

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

C
o
P
y

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

14 April 1947

To: Officer in Charge
Tampa Photogrammetric Office
U. S. Coast and Geodetic Survey
Box 1689
Tampa, Fla.

Subject: Contour junction, 8428-8430

The ozalid print of part of Quad. T-8428 is being returned herewith. A junction between the contours of Quad. T-8428 and Quad. T-8430 has been made thereon, per your request of 10 April.

Please note that the inked lines have spread on the print; the points at which the contours cross the junction-line have been indicated by pricked points. Also please note that an additional contour was found to be a depression contour during the course of the junction check.

(S) Lewis V. Evans, III

cc: Lt. Comdr. Gilmore



DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
Stuart, Florida

POST OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

22 July 1947

To: District Engineer
Jacksonville District
Corps of Engineers
P. O. Box 4070
Jacksonville 1, Florida

Subject: Bridge Clearances, USCGS3 Quadrangles Nos. T-8422 and 8423

In accordance with instructions for this Bureau's topographic mapping the following bridge clearances, determined by recent field measurements, are reported as differing from clearances given in the "List of Bridges over the Navigable Waters of the U. S., Revised to July 1, 1941" (where clearances as listed were verified they are not reported here):

Miles above mouth*	Nearest town, street, etc.	Lat.	Long.	Type	No. spans	Horiz. Cl. feet	Vert. Cl. (MSW) feet
<u>NEW RIVER, FLA.</u>							
1.8*	Fort Lauderdale	26-07.1/20-08.2		B	3	61.5 (center)	9.9
2.2*	do	26-07.1/20-08.0		B	3	60.0 (center)	7.6
2.3*	do	26-07.1/20-08.7		B	11	49.3 (center)	4.0
2.9*	do	26-06.9/20-09.0		B	4	75.7 (center)	15.2
<u>NEW RIVER, NORTH FORK, FLA.</u>							
0.5	Fort Lauderdale	26-06.9/20-09.4		SW	2	50.0 (left)	5.5
<u>NEW RIVER, SOUTH FORK, FLA.</u>							
1.25*	Fort Lauderdale	26-08.2/20-10.2		B	3	64.0 (center)	2.4
<u>NEW RIVER CANAL (SOUTH), FLA.</u>							
0.8**	Fort Lauderdale	26-05.1/20-11.1		SW	2	51.6 (right)	14.5
2.4**	do	26-04.0/20-12.2		SW	2	50.0 (right)	2.5
<u>MIAMI RIVER, FLA.</u>							
5.25*	NW 58th Ave.	26-42.3/20-15.2		B	3	98.0 (center)	9.2

* mileage as listed in Bridge List

** bridge not listed in Bridge List

Lewis V. Evans, III
Lieut. (jg), USCGS3
Chief of Sub-party

CC: Director, Coast and Geodetic Survey
Chief of Party
Descriptive Reports, T-8422 & 8423

Division of Photogrammetry
Review Report of
Topographic Map Manuscript T-8428

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

28. Detailing.--The delineation of detail from the photographs and the application of the field edit was complete with minor exceptions such as the omission of an occasional building or road. Several slips and marine railways were added ~~at 1:20,000 scale~~ to the shoreline of New River.

That part of the manuscript
The ~~area~~ reproduced at 1:20,000 scale from the 1:10,000 scale planimetric maps T-8592 and T-8593 was indistinct, necessitating a considerable amount of redrafting to clarify the detail.

38. Junctions.--The junction discrepancy between T-8427 and T-8428, noted in the descriptive report, was corrected in the following manner:

A grid was ruled on acetate to the scale of T-8427. Control was directly transferred or plotted to the acetate and the nine-lens office photos were fixed in position under the acetate by holding to the control. Cuts were taken on detail points in and around the critical area on both T-8427 and T-8428. The area was then delineated by holding to these new detail points. The discrepancy was found to be almost entirely within the limits of T-8427. Several roads were realigned on T-8428, but this movement in position did not exceed 0.5mm.

T-8427 and T-8428 are within the standards of accuracy.

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	<i>short larger scale</i>
T-4527	1:20,000	1927	<i>shorter no manuscript</i>
T-6181	1:5,000	1934	
T-6182	1:5,000	1934	
T-8592	1:10,000	1934	
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

T-8428 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-8428 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-8428 is published, a cloth-backed color print will also be registered in the archives. The descriptive report may be obtained on request.

B. G. Jones

B. G. Jones
Technical Assistant to the
Chief, Div. of Photogrammetry
March 3, 1948

Planimetric and shoreline details on the charts are superseded by those on T-8428 in all common areas. This map manuscript has not been applied to nautical charts.

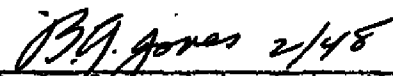
49. Vertical Accuracy Test.--A vertical accuracy test was run for the adjacent quadrangle T-8430 on sheet 261-4 of the C. W. A. surveys. On the basis of that test, ~~it is believed that~~ this map complies with the national standard map accuracy requirements.


Reviewed By:


K. N. Maki
1-30-48



S. V. Griffith
Chief, Review Section

APPROVED BY:


Technical Assistant to the
Chief, Div. of Photogrammetry


Chief, Nautical Chart Br.
Division of Charts


Chief, Div. of Photogrammetry


Chief, Div. of Coastal Surveys

GEOGRAPHIC NAMES

Survey No. T-8428

Fort Lauderdale South
7 1/2' quad.
Name on Survey

	A	B	C	D	E	F	G	H	K	
	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		
Florida									USGB	1
Broward County										2
U.S. No. 1										3
State No. 7		(old No. 149)								4
No. 84		(old No. 26)								5
No. 820		(old No. 518)								6
Florida East Coast										7
Seaboard										8
										9
										10
Hollywood										11
Hollywood Country Club										12
Harding Circle										13
Central School										14
Dowdy Ball Park										15
Hollywood City Hall										16
Orange Brook Golf Course										17
Hollywood Hills School										18
Riverside Military Academy										19
Hollywood Beach Gardens			(subdivision)							20
Perry Field			(see Field Edit Report)							21
Seminole Indian Reservation										22
First Seminole Baptist Church										23
South Florida Airport										24
Davie										25
Dania Davie Road										26
South New River Canal										27
Griffin Road										28

GEOGRAPHIC NAMES

Survey No. T-8428

2

Name on Survey

	A	B	C	D	E	F	G	H	K
	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	
<u>Wilson Road</u>									1.
<u>Davis Road</u>									2
<u>Viele Road</u>									3
<u>Annapu Road</u>									4
<u>Denia</u>									5
<u>Denia Row Canal</u>									6
<u>Denia Cutoff Canal</u>									7
? U.S. Naval Air Station: see note in F.E. Report about its having been taken over by Boca Raton Army Airbase									8
									9
<u>Port Everglades</u>									10
<u>Port Everglades Railway</u>									11
<u>Fort Lauderdale</u>									12
<u>Evergreen Cemetery</u>									13
<u>Lake Juanita</u>									14
<u>Rio Vista Isles</u>									15
<u>Tarpon River</u>									16
<u>Tarpon Bend</u>									17
<u>New River</u>									18
<u>Sospiro Canal</u>									19
<u>Himmerahaa Canal</u>									20
<u>Central High School</u>									21
<u>North Fork New River</u>									22
<u>North New River Canal</u>									23
<u>South Fork New River</u>									24
<u>Fort Lauderdale-Davis Airport (ex Forman Field: see F.E. Report)</u>									25
									26
									27

Names underlined in red are approved. 2/11/48.
L. Heck

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8428

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
5-12-57	1248	<i>Earl W. Pringle</i>	Before After Verification and Review <i>EXAM</i>
			<i>No Crit Corr</i>
			Before After Verification and Review
			Before After Verification and Review
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			Before After Verification and Review

M-2168-1

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.