

ORIGINAL

# 8430

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-8430 Office No. \_\_\_\_\_

### LOCALITY

State Florida

General locality Dade County

Locality North Miami

1947

### CHIEF OF PARTY

Lieut. Comdr. George E. Morris, Jr.

### LIBRARY & ARCHIVES

DATE March 23, 1948

B-1870-1 (1)

# 8430

RECORD SHEET

Div. of Photogrammetry  
Graphic Compilation Sect.

GENERAL LOCALITY Florida East Coast

SHEET NO. T-8430

LOCALITY Hallandale  
North Miami

PROJECT NO. CS-312-B

PHOTOS ORDERED..... REC'D

SCALE 1: 20,000

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

T-8428  
Joins T-8429 Ck.

CONTROL:

COMPUTED Slavney VERIFIED R.J. Pate

PLOTTED R.J. Pate VERIFIED W.W. Dawsey

PHOTO PREPARATION:

CONTROL R. J. Pate

AZIMUTHS M.M. Slavney

PASS POINTS E. C. Andrews

TEMPLETS R.J. Pate VERIFIED M.M. Slavney

RADIAL PLOT:

PLOTTED BY M.M. Slavney DATE 19 Sept. 1946

VERIFIED M.M. Slavney DATE 20 Sept. 1946

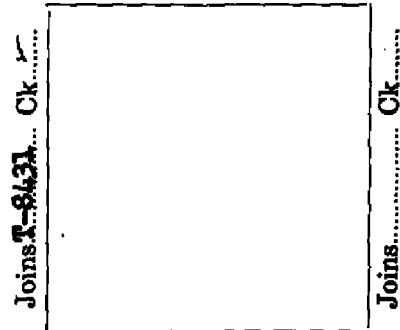
COMPILATION:

DETAIL POINTS R. Reece DATE Oct. 1946

R. Reece Nov. 1946

DETAIL BY R. Dossett DATE Dec. 1946

VERIFIED BY J. Giles DATE Jan. 1947



Joins T-8433 Ck.   
Single lens -3/9 & 6/1/45

DATE OF PHOTOS 9 Lens 11/14/42  
Single lens dated 3/9/45  
TIME OF PHOTOS 10:30 A.M. to 11:15AM  
Single lens dated 6/1/45  
13:55 P.M. to 14:50 P.M.

STAGE OF TIDE from + 0.16 to +2.0

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

CWA sheets - Quadrangle 261 - good agreement

Nautical Chart No. 847, scale 1:40,000

Published by U.S. C. & G. S. print date 10 December 1945

Comparison favorable - Changes noted on report

REMARKS Field inspection good. Few difficulties encountered in delineation.

FORWARDED TO Washington Office DATE January 1946

## DATA RECORD

T-8430

Quadrangle (II): North Miami, Florida

Project No. (II): CS 312-B

Field Office: Tampa, Fla.

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

Compilation Office: Tampa, Fla.

Chief of Party: " " " " "

Instructions dated (II III): 25 May, 1945

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

Completed survey received in office: Before field edit - 2-5-47  
After " " - 5-20-47

Reported to Nautical Chart Section:

Reviewed: 2-19-48. Applied to chart No. Date:

Redrafting Completed:

Registered: 3-5-48 Published:

Compilation Scale: 1:20,000 Published Scale:

Scale Factor (III): None

Geographic Datum (III): N. A. 1927 Datum Plane (III): M. S. L.

Reference Station (III): North Miami Beach Tank, 1934.

Lat.: 25-55'-56" 265 (1731.4m) Long.: 80-09'-46" 871 (1304.3m) Adjusted  
~~Horizontal~~

State Plane Coordinates (VI): East Zone

X = 775,074.78 feet Y = 581,936.44 feet

Military Grid Zone (VI)

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide	
				Biscayne Bay	Atlantic O.
45-C-1544 to 48 incl.	9 Mar. 45	10:30	1:20,000		
" " 1568 " 75 "	" "	10:50	"	+0.3	+0.2
" " 1599 " 1605 "	" "	11:15	"	+0.2	+0.2
" " 1644	" "	12:05	"	+0.18	+0.3
" " 3378 " 84 "	1 June, 45	14:50	"	+0.18	+0.6
" " 3396 " 3401 "	1 June, 45	14:50	"	+1.3	+1.9
" " 3330 " 36 "	1 " 45	14:20	"	+1.3	+1.9
				+1.4	+1.6

Note:

11835, 11836, 11837, 11936, 11937, 11938, 11991, 11992, 11993, 11994, 11995 and 11996 nine lens, 1:20,000 scale photographs taken 14 November, 1942, were not used in the delineation of shoreline. See body of this report.

Tide from (III): Miami Beach (Ocean) and Miami Yacht Basin, Mayport, Fla.

Mean Range: 2.0 feet.

Spring Range: 2.4 feet

Camera: (Kind or source) U.S.C. & G. S. nine lens, 8 1/4 inch focal length

Field Inspection by: W. H. Shearouse

date: Sept., Oct. 1945

Field Edit by: J. D. Weiler

date: Mar.-Apr. 1947  
56-47

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

October, 1945.

Projection and Grids ruled by (III) W. O. (S.R.)

date: 25 Feb. 1946

" " " checked by: " "

date: " "

Control plotted by: R. J. Pate

date: Sept. 1946

Control checked by: W. W. Dawsey

date: "

Radial Plot by: M. M. Slavney

date: 19 "

Detailed by: R. Reece and R. Dossett

date: Nov.-Dec., 1946

Reviewed in compilation office by: J. A. Giles

date: January, 1947

Map Manuscript  
Elevations on ~~Block~~ ~~Block~~ ~~Block~~  
checked by: J. A. Giles

date: " "

STATISTICS (III)

Land Area (Sq. Statute Miles): 67.8

Shoreline (More than 200 meters to opposite shore): 24.7 Statute miles

Shoreline (Less than 200 meters to opposite shore): 26.0 " "

Number of Recoverable Topographic Stations established: 8

Number of Temporary Hydrographic Stations located by radial plot: 8

Leveling (to control contours) - miles: 0.00

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: *Contours transferred from C.W.A. Quad 261, sheets {4 to 9} incl. (16 to 18)*  
↑

MAP T. 8430 PROJECT NO. 312 B SCALE OF MAP SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
Hallandale, 1934 (dm)		NA 1927	25 59	38.326	1179.4						
Holland 2, 1934 (dm)		"	80 09	39.412	1096.1						
Nom, 1934 (dm)		"	25 59	11.610	357.3						
Start 2, 1934 (dm)		"	80 07	05.236	145.6						
Gold 1928 (dm)		"	25 53	03.115	95.2						
Golf, 1934 (dm)		"	80 11	46.529	1275.3						
Bridge, 1934 (dm)		"	25 52	59.410	1828.2						
Club, 1934 (dm)		"	80 07	19.534	543.8						
Surf Club Cupola, 1934 (d)		"	25 57	56.364	1734.5						
Sunny Isle, Casino, SE Cupola, 1934 (d)		"	80 07	09.286	258.3						
Holland 1928		"	26 51	58.932	1813.8						
Sunny, 1928 (dm)		"	80 03	146.70	405.0						
		"	25 54	08.337	256.6						
		"	80 07	22.326	621.4						
		"	25 52	31.036	955.1						
		"	80 08	30.190	840.5						
		"	25 52	37.404	1151.0						
		"	80 07	17.407	484.6						
		"	25 55	47.008	1446.6						
		"	80 07	18.731	521.2						
		"	25 59	11.397	350.7						
		"	80 07	06.296	176.1						
		"	25 55	50.440	1552.2						
		"	80 07	17.962	499.7						

MAP T. 84 30

PROJECT NO. 312 B

SCALE OF MAP

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
South Baker (USE)		NA 1927					
Graves (USE)							
Fontania (USE)							
Morris, 1934(dm)		"	25 55 49.117 80 07 172.99	1511.5 495.3			
R 30 A 1934							
Hollandale RM No 1							
Az Mb, 1934							
R 28, 1934							
R 29, 1934							
X 20, 1934							
X 21, 1934							
X 19, 1934							
X 18, 1934							

1 FT. = 3048006 METER

COMPUTED BY:

DATE

CHECKED BY:

DATE

M-2368-12

MAP T. 8430 PROJECT NO. 312 B SCALE OF MAP SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
X 17, 1934											
X 16, 1934											
North Miami Beach, Tab. 1934(D)		NA	25 55	56.265	1731.4						
N. Miami Beach, Tall White Chimneys 1934 (D)		1927	80 09	46.871	1304.3						
		"	25 55	16.353	503.2						
			80 09	23.706	659.7						
DA 170, 1936											
DA 169A, 1936											
DA 168, 1936											
DA 167, 1936											
N. Miami, Silver Lake, Final, 1934 (2d)		"	25 53	22.227	684.0						
			80 11	00.547	23.6						
DA 172, 1936											
DA 172A, 1936											
DA 172B, 1936											

1 FT. = 3048006 METER  
 COMPUTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 M-2988-12



MAP T. 84 30 PROJECT NO. 312 B SCALE OF MAP SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
DA 173, 1936							
DA 174, 1936							
DA 287, 1936							
DA 175, 1936							
DA 176, 1936							
R 31, 1934							
R 32, 1934							

FIELD INSPECTION REPORT  
TO ACCOMPANY  
NORTH MIAMI QUADRANGLE T-8430

1. DESCRIPTION OF AREA:

This quadrangle is located between Latitude 25° 52' 30" North and Latitude 26° 00' 00" and Longitude 80° 07' 00" West and Longitude 80° 15' 00". (It is noted that the quadrangle covers 7½ minutes of latitude and 8 minutes of longitude) on the East Coast of Florida in Dade and Broward Counties. The land area of the quadrangle consists of about 67.8 square statute miles. Elevations range from MSL on the Atlantic Coast to 35 feet which is a mound in Greynolds Park at approximate Latitude 25° 56' 25", Longitude 80° 09' 15". On top of this mound is a rock structure used as an observation point for sightseers. It has an elevation of 45.7 feet and is said to be the highest point in Dade County. The highest elevations in general are about 20 feet.

Towns in this quadrangle: The south part of <sup>Hollywood,</sup> Hallendale, North Miami Beach, North Miami, Biscayne Park, the eastern part of Opa ~~locha~~ ~~leska~~, Surfside, Golden Beach, and the unincorporated town of Ojus. Other important cultural features are U.S. Highway No. 1, The Florida East Coast Railroad, The Seaboard Railroad and several avenues running into Miami from the north. The quadrangle is also traversed by several East-West roads of relative importance. Probably the most important of the several drainage canals are Biscayne and ~~Snake-Creek~~ <sup>Royal Glades</sup> Canals. They traverse the quadrangle from West to East.

The area is rather heavily populated from the Coast inland to about the Seaboard Railroad. Farming in this area is of small importance and confined mainly to gardens and small truck farms. However, west of the Seaboard Railroad - which is the northwest part of the quadrangle - the area is largely devoted to dairy farming.

The vegetation is composed of mangrove along the intercoastal waterway, pine, palmetto, deciduous trees and brush and grass inland. Palm trees are also found scattered throughout the entire area. There are no large swamps in the area, the deciduous trees usually being in clumps or hammocks. The pine, palmetto and brush, scattered over the unpopulated areas.

There are numerous rock quarries or borrow pits in the area.

2. COMPLETENESS OF FIELD INSPECTION:

The field inspection was done in accordance with the current instructions for the project. Filed in Div of Photogrammetry - Office Files

The field inspection is complete, vegetation and roads being classified, buildings and boundaries delineated, shoreline inspected, etc.

3. INTERPRETATION OF PHOTOGRAPHS:

Mangrove areas appear dark, almost black; scattered pine appears dark speckled on light gray background which is grass and this gray, when a shade darker and thick looking, is brush and palmetto mixed in the grass; the hardwood areas (deciduous) are dark and somewhat feathery looking.

4. HORIZONTAL CONTROL:

All known horizontal control in the area was searched for. The present control appeared adequate for the radial plot and no supplemental control was established.

Florida Geodetic Survey and U.S. Army Engineer control stations were recovered and identified on the photographs.

All stations identified on the photographs are believed to be within the accuracy requirements.

All horizontal control was identified on the 1: 10,000 enlarged single lens photographs except Florida Geodetic Traverse Stations R-32,1934 and DA 174,1936 which are on nine lens photograph No. 11936.

5. VERTICAL CONTROL:

As this area had been contoured by the Florida Geodetic Survey no additional control was established.

U.S. Coast and Geodetic Survey, Florida Geodetic Survey, and Intercoastal Waterway Bench Marks were recovered and pricked direct in their approximate positions. Most of these are identified on the 1:10,000 scale enlargements but it was necessary to identify some on the 1:20,000 scale nine lens pictures as the single lens covering the western edge of the quadrangle were not available at the time recovery was done. Those Bench Marks identified on the 1:20,000 photographs will be found on 11994 and 11992.

#### 6. CONTOURS AND DRAINAGE:

Contouring was done by the Florida Geodetic Survey at 1 foot intervals. Topographic sheets Nos. 4,5,6,7,8,9,16, 17, and 18 of their quadrangle No. 261 cover the area. Vertical accuracy tests have been run by Joseph K. Wilson, Principal Photogrammetric Aid, and reference is hereby made to his report entitled Revision Contouring CWA Dade County. *(Copy attached at end of this report)*

It was necessary to contour numerous borrow pits and spoil banks and this was done by William H. Shearouse, Principal Photogrammetric Aid. This contouring was done on the 1:20,000 scale 9-lens photographs and cross referenced on the topographic sheets. The revision of some Florida Geodetic Survey contours was necessary and this was done by Wilson and Shearouse on the 1:20,000 scale topographic sheets.

All drainage is clearly visible on the photographs. It was not necessary to run a traverse or use any method other than visual examination for the identification of streams, canals, ditches and the like.

#### 7. MEAN HIGH WATER LINE:

Mean high water line was established by walking along the shoreline and measuring from identifiable objects on the 1:10,000 scale enlargements. For the most part the high water line is visible on the photographs and it has been indicated by short dashes about 30 meters long at intervals sufficient for correct delineation by the compiler.

8. LOW WATER LINE:

The same method was used to establish the low water line as described ~~above~~ under MEAN HIGH WATER LINE. The low water line is indicated on the photographs by alternate dashes and dots.

9. WHARVES AND SHORELINE STRUCTURES:

Seawalls, piers and groins have been labelled on the single lens enlargements. This was done at the time high and low water lines were established.

10. DETAILS OFFSHORE FROM THE HIGH WATER LINE:

None

11. LANDMARKS AND AIDS TO NAVIGATION:

No new landmarks were located.

The aids to navigation along the intercoastal waterway were located and identified on the single lens enlargement by Harold A. Duffy, Principal Photogrammetric Aid, of this party.

12. HYDROGRAPHIC CONTROL:

Prominent objects at intervals of approximately 1 mile were pricked on the single lens enlargements. They were numbered and a short description given on the photographs.

13. LANDING FIELDS AND AERONAUTICAL AIDS:

Plans for Naval Air Station, Miami, Florida North Perry Field are submitted with this report. This field falls partly within this quadrangle and partly in quadrangle T-8428. It is at approximate Latitude  $26^{\circ} 00' 00''$ , Longitude  $80^{\circ} 14' 30''$ .

No aeronautical aids were established.

Part of the Naval Air Station, Miami, Florida at Opa Locka falls within the limits of this quadrangle but as it is mostly within quadrangle T-8431 plans will be submitted with the report on that quadrangle.

14. ROAD CLASSIFICATION:

Roads were classified in accordance with General Instructions, Classification and Compilation of Roads, dated June 30, 1945.

15. BRIDGES:

Bridges were classified according to the current instructions for the project.

16. BUILDINGS AND STRUCTURES:

Buildings to be shown on the compilation have been circled in red ink on the single lens enlargements. Those not to be shown are deleted in green.

17. BOUNDARY MONUMENTS AND LINES:

The Dade-Broward County line has been inked in red and labelled on the 9-lens photographs.

Section corners have been identified and shown with a small red-circle on the nine lens photographs. Pricking cards have been made showing Township, Range and Sections for those recovered.

Precinct boundaries are shown on the 9-lens photographs in black ink. They were taken from a map furnished by the Dade County Engineer's Office dated November, 1945.

City limits of North Miami, Biscayne Park, Surfside and Golden Beach are shown in red on the single lens photographs.

City limits of Hallendale, North Miami Beach and Opa Locka are shown in red on the 9 lens photographs.

The city limits as shown were obtained from latest information available at the city hall of each town listed.

18. GEOGRAPHIC NAMES:

Approved list file in Div of Charts - Geographic Names Section.

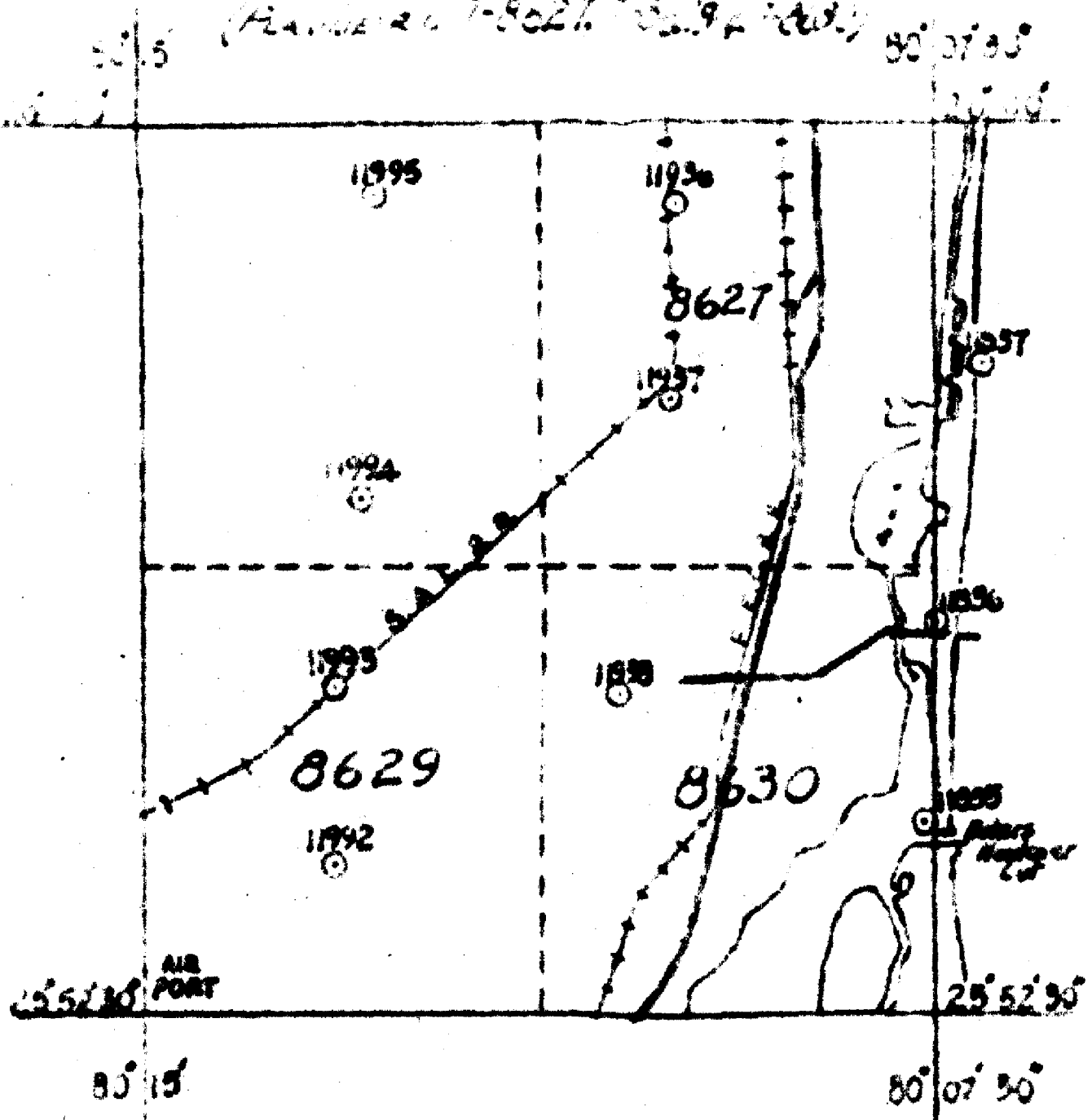
This is the subject of a separate report for the project submitted by Lowell I. Bass, Assistant Photogrammetric Aid.

Respectfully submitted,  
*William H. Shearouse*  
William H. Shearouse  
Prin. Photo. Aid.

Approved and Forwarded:

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

Planimeter 7-8021. 10.94. 1000



Contours	Control and Field Inspection	Bridges	Other Boundaries
1830	11830	11836	11836
1937	11837	11937	11937
1992	11938	11992	11992
1994	11939	11994	11994
	11995		
	11995		

Also the following survey points are included:

- 1000 to 1005
- 1000 to 1005
- 1000 to 1005
- 1000 to 1005

REVISION CONTOURING C.W.A. DADE  
COUNTY PROJECT C.S.-312 B  
QUADRANGLES T-8430, T-8431,  
T-8432, T-8433, T-8434, T-8435,  
T-8436, AND T-8437

The revision survey of the C.W.A. contours was made by Joseph A. Wilson, Principal Photogrammetric Aid, under the immediate supervision of G. E. Varnadoe from September 24, 1945 to January 1, 1946. Vertical accuracy tests were also run during this period.

1. DESCRIPTION OF THE AREA:

The revision of these quadrangles covers an area chiefly in Dade County.

This section of Florida is in general a low flat area with elevations ranging from sea level to 20 feet. The drainage greatly consists of canals and man-made ditches.

2. METHODS:

The revision of the contours was done on photographic prints of the original C.W.A. plane-table sheets of Dade County, except the quadrangle T-8437 where three photostat copies of negative prints were used. The photographic prints proved to be of very good scale where the photostats were slightly off scale and a small factor was applied. This work was accomplished by a two-man party. All roads were traversed by truck, and a visual inspection was made of the contours. Evidently when these contours were run by the C.W.A., except on a very few sheets, they disregarded the super-elevations of roads, railroads, fills, etc. Special attention was given these areas. In some cases it was possible to correct these contours visually, but where there was any doubt they were corrected by the use of a hand level and topo rod, and where necessary a plane-table was used.

Where extensive changes have taken place such as borrow pits, spoil banks, etc., they were noted on the C.W.A. sheets to be contoured on a photograph at a later date and also in some instances where the contours could not be cleaned up except by extensive plane-table work, this too was marked and left to be done by the contour party when contouring borrow pits, etc.

All contours visible from the roads were examined for shape and relative position.



The original contours of the C.W.A. proved to be very good (see accuracy tests below) and have been inked in red while the corrections to these contours have been shown with purple ink. Where contours are too congested to be drawn, i.e., along fills, canals, etc., the turning points have been shown and sufficient notes made so that the contours can be shown accurately. These notes are self-explanatory.

### 3. VERTICAL ACCURACY TESTS:

An accuracy test has been run in each of the quadrangles mentioned above. This work was done by a four-man planetable party. These tests were done on the sheets mentioned above. These tests started at a bench mark and closed at a bench mark. All tests closed within 0.3 of a foot.

While running these tests the scale of the C.W.A. prints was found to be very good except for a negative print used in quadrangle T-8437 which had a small factor. Also it was found that the C.W.A. contours are very good both in shape and position.

The accuracy tests in respect to their sheet number are listed as follows:

T-8430 - sheet 261-4	T-8434 - sheet 267-6
T-8431 - sheet 260-11	T-8435 - sheet 266-11
T-8432 - sheet 260-23	T-8436 - sheet 266-9
T-8433 - sheet 261-30	T-8437 - sheet 266-28 NP

### 4. JUNCTIONS:

Junctions were made with the respective sheets of the C.W.A. and they were in good agreement.

A junction has been made with quadrangle T-8428, which has been contoured by the Coast and Geodetic Survey, and these contours were found to be in good agreement.

Respectfully submitted,

Joseph K. Wilson,  
Photo. Aid

Approved and forwarded:

George F. Morris, Jr.  
Chief of Party

COMPILATION REPORT  
TO ACCOMPANY  
"NORTH MIAMI" QUADRANGLE NO. T-8430

26 & 27 CONTROL AND RADIAL PLOT:

A special report prepared by Milton M. Slavney, Photogrammetric Engineer was submitted with the Descriptive Report which accompanied quadrangle No. T-8431. Filed in USC+GS Map Vault

28 DELINEATING:

Both nine lens and single lens photographs were used for the delineation of this map manuscript.

Detail points were established on the nine lens photographs and transferred to the single lens photographs, which were used, for the most part, in delineating. The single lens photographs were taken in 1945 and naturally showed considerable detail not on the nine lens photographs taken in 1942. Also, the single lens photographs were, in most instances, of a much better scale than the nine lens. There was considerable overlap of the various flights, which gave a good selection of photographs to choose from for delineating.

Woodland areas and cultural features were outlined and symbolized according to instructions dated 30 June 1945.

Contours have been shown on the map manuscript in brown acetate ink.

Some difficulty was experienced with the ~~blue~~ blue acetate ink. It turned out to be nearer green than blue as will be noted upon examination of the map manuscript.

Several discrepancies were noted.

Contours on the C.W.A. sheets and on the field contouring photographs disagree. These disagreements have been noted on the discrepancy overlay. Corrected by field editor

The field inspection was adequate except for vegetation classification which was too generalized in scope. Study of the photographs indicated various forms of vegetation in areas bearing only one generalized label. Areas that were classified as "Pastureland", (which would indicate that they should be left "Open" on the published map) actually contained scattered trees, brush and grass.

In the delineation of contours from C.W.A. prints surrounding details were held to instead of plane coordinate lines whenever discrepancies appeared in the details between the two maps. This was done on the assumption that the C.W.A. topographer used cultural details for controlling the positions of the contours.

29. SUPPLEMENTAL DATA:

The plans of the Miami Naval Air Station Ops Locks, its subsidiary properties and those of North Perry Field were obtained from the respective Commanding Officers of these fields by the field inspector.

30-MEAN HIGH-WATER LINE:

The mean high-water line has been shown according to field inspection notes.

31. LOW-WATER AND SHOAL LINES:

Shown according to field inspection notes.

32. DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

None recovered.

33. WHARVES AND SHORELINE STRUCTURES:

Those shown on the photographs have been delineated as indicated.

34. LANDMARKS AND AIDS TO NAVIGATION:

Non-floating aids to navigation were submitted on form No. 567 at the time of the shoreline revision. Reports for shoreline sheets are filed in Div of Photogrammetry General Files (T 8593, 8594 + 8595)

Two Landmarks for Charts are being submitted on form No. 567 with this report. They should be verified by the field editor.

Chart Letter 133

35. HYDROGRAPHIC CONTROL:

All hydrographic stations recovered by the field party were shown with a 2.5mm circle and labeled with a descriptive name at the time the shoreline manuscript was revised.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

See Field Inspection Report.

37. BRIDGES:

Wherever the water is navigable within this quadrangle bridges have been classified according to the current instructions for the project.

38. SECTION CORNERS:

Thirty-four section corners recovered in the field have been shown on the map manuscript according to instructions.

*Pricking cards filed in Div of Photogrammetry - General Files*

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

A comparison was made with the C. W. A. sheets of Quadrangle No. 261 which covered this map manuscript. Most features were generally in good agreement.

45. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with chart No. 847 scale 1:40,000 published by the U. S. C. & G. S. bearing a print date of 10 December, 1945. The shoreline in general compares favorably. Two specific shoreline changes appear as follows:

Immediately north of and connected with "Maule Lake", a dredged area appears. The shoreline just north of "Dumfoundling Bay", differs with the Nautical Chart due to considerable cultural change.

Respectfully submitted,

*Richard A. Reece*  
Richard A. Reece  
Engineering Draftsman

Approved and Forwarded:

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

QUADRANGLE T-8430  
PROJECT CS-312 B

PUBLIC LAND LINES:

Section lines have been shown on the front of the manuscript in red pencil. They will be inked after field edit.

A combination of General Land Office plats, plats of a survey in 1927 by the Broward County Engineer, plats of surveys under the direction of the Internal Improvement Fund of the State of Florida and section lines established on the C.W.A. maps by the County Engineer of Dade County, were used in constructing the section lines for this quadrangle.

Because of the great number of corners recovered in the field, it is believed that the lines, as shown in red pencil, are fairly accurate.

Numerous discrepancies occur and it is requested that the field edit party give the section lines a close check. An ozalid print with section lines inked in red ink is being furnished with discrepancies or points that should be checked noted thereon.

The most obvious discrepancies are listed as follows; In many cases the precinct lines or city limit lines do not fall exactly on the section lines, an offset corner appears in the northwest corner of Township 52 South, Range 42 East, none of the previously mentioned plats (with the exception of the C.W.A. plats) show an offset corner, the north and south distance of the east, west tier of sections immediately south of the county line, disagrees with the original survey distance by approximately 112 meters. Due to the number of corners recovered in this area, plus the existing detail on the map manuscript, it is not requested that the field edit party make any check into this discrepancy.

As in the previously submitted quadrangles, the General Land Office plats have proved of very little value in constructing the section lines. The plats by the Internal Improvement Fund of the State of Florida are to some extent better than the General Land Office plats but the area covered by these plats is relatively small. The survey of 1927 in Broward County by the Broward County Engineer is very good.

Respectfully submitted,

William A. Rasure  
William A. Rasure  
Photo. Engineer

Approved and Forwarded:

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

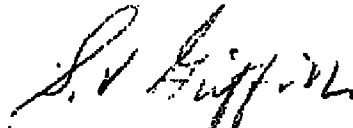
Note: See statement on  
Pub. Land Lines next page  
sm

*Public Land Lines:*

The Florida State Mapping Program, conducted under CWA and PFA Programs, re-established the General Land Office scheme, resetting General Land Office monuments and measuring lines, which are of record in county engineer's offices throughout the state.

The field parties of this Bureau have utilized this information in connection with establishing the General Land Office data on the maps in project CS-312.

Where this information has been used, it has been found that it does not always check exactly with the old General Land Office plats. However, so many corners were recovered, and the system fits very closely to the established corners, the errors seem to be in the original survey measurements.



S. V. Griffith  
Chief, Review Section

THIS COPY FOR COAST PILOT.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

**NON-FLOATING LANDMARKS FOR CHARTS**  
Tampa Photogrammetric Office,  
Tampa, Florida

TO BE CHARTED  
~~TO BE DELETED~~

STRIKE OUT ONE

24 December, 1946

I recommend that the following objects which have ~~been~~ 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. W. Dawsey

133

Lt. Comdr. George E. Morris, Junior Chief of Party.

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE		LONGITUDE		DATUM							
			D. M.	SEC.	D. M.	SEC.								
FLORIDA .														
lower	Elevated, shaped like lighthouse	none	25	54	58	80	07	638	NA 1927	1945	X		1248	
"	Lookout, twenty feet high	"	25	53	338	80	07	551	"	"	X		"	

Chart Letter 133

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-8430

Project CS-312-B

"North Miami"

The field edit of this quadrangle was completed during March and April, 1947 by John D. Weiler, Photogrammetrist.

46. Methods - In field editing the map manuscript, all roads were traversed by truck. Because of the plethora of roads, walking was necessary in only a few instances. All cultural data added to the map manuscript was either plotted from topographic features, or cut in by planetable methods. The area along the Intracoastal Waterway was inspected by truck.

47. Adequacy of the map manuscript - The map manuscript was adequate and correct except for the great amount of construction that has taken place since the date of the original field inspection, and a few details omitted during that inspection or not transferred from the photographs by the compilation section.

Attention is called to the following items which might not be adequately interpreted from notes on the field edit sheet.

The city limits of Miami Shores, Indian Creek Village, and Hollywood were omitted from the map manuscript. The city limits of North Miami were incorrectly delineated. These errors have been corrected and a map of North Miami is submitted with the present city limits outlined in red. Two plats of Indian Creek Village are submitted to aid the compilation section in the delineation of the city limits. South Perry Field has been returned by the Navy to the original lessee and should be deleted. The "North" should be omitted from North Perry Field.

Precincts were omitted in Broward County. Because of the interference with the detail on the map manuscript, an overlay of these precinct boundaries is submitted.

Contouring has been done as requested around active borrow pits, and their present limits defined.

Vegetation has been more clearly defined along the shoreline areas.

All roads East and Southeast of the S.A.L. Railway and South of the Biscayne Canal (at Opa-locka) have been classified Rd. 3 with the exception of main highways and Rd. 4's. The Director's instructions regarding road classification dated 30 June 1945, have been adhered to except for paragraph 4. There are 3 or 4 roads that do not bear State or U.S. Highway designations that

are nevertheless main traffic arteries and it is thought that these should carry their standard Rd. 2 symbol through the area.

State Highway 820 and 826 shown on the State Road Map are not designated in any way on the ground at the present time.

The limits of Haulover Beach (Dade County Park) have been added to the map manuscript.

The following recoverable topographic stations were identified and form 524 submitted. ~~File~~ Filed in Div. of Photogrammetry - General Files

Opa-locka Water Tower Form 567 submitted  
Radio Tower Station WFVL Destroyed - ~~Form 524~~ Chart Letter 129  
2 Radio Towers - Tropical Radio Telegraph Co.

The following landmark and aids to navigation were located, and form 524 and 567 submitted: Chart Letter 304

Radio Tower Station WFVL Destroyed (Chart Letter 129)  
Hallandale Daybeacon 60 (relocated)  
Unnumbered pile beacon

A 20 ft. Lookout Tower charted as a landmark during the original shoreline inspection has been destroyed and form 567 submitted. Chart Letter 304

A ten foot contour along the ocean at Golden Beach has been delineated on CWA sheet 4, Quad 261 and should be added to the map manuscript.

The island known as Bay Harbor just northeast of Surfside has been completely changed. A plat of the section with points "A" and "B" identified both on the plat and on the map manuscript for orientation is submitted for use with the ratio projector.

48. Vertical Accuracy Test - The vertical accuracy tests were run as a part of revision contouring of C.W.A. sheets. See report by Joseph K. Wilson, Part of this report.

49. Public Land Lines - The discrepancy print of public land lines was checked visually in the field, and also in the office of the County Clerk for comparison with recorded property plats in the areas where discrepancies were noted. In some instances these property plats showed the section line referenced from natural objects and it was tied down from these. Adequate notes have been made on the section corner discrepancy overlay. Forms 524 are submitted for 2 recovered section monuments. Filed in Div. of Photogrammetry - General Files

50. Bridges - Bridge Data (where checks were necessary) are submitted on a separate report attached.

The corrected map manuscript was reviewed by H.C. Davis, Broward County Engineer and resident for 32 years. He was well acquainted with the area and could find no errors.

Respectfully submitted,

*John D. Weiler*  
John D. Weiler  
Photogrammetrist

Approved and Forwarded

*Ross A. Gilmore*  
Ross A. Gilmore 5/1/47  
Chief of Party

Stuart, Florida

6 May 1947

To: District Engineer  
Jacksonville District  
Corps of Engineers  
P.O. Box 4970  
Jacksonville, Florida

From: Lt. Comdr. Ross A. Gilmore  
U. S. Coast and Geodetic Survey  
Stuart, Florida

Subject: Bridge Clearances

In connection with our topographic mapping along the East Coast of Florida, we include the measurement of all bridges over navigable waters that fall within the various quadrangle limits. I have been instructed to report any discrepancies noted with the "List of Bridges over the Navigable Waters of The United States" directly to the nearest district office.

Accordingly, the following clearances were noted and comparison made with the 1941 Edition of The Bridge Book in Quadrangle T-8450, between Lat.  $25^{\circ} 52' 50''$  and  $25^{\circ} 00' 00''$  N and Long.  $80^{\circ} 07' 30''$  and  $80^{\circ} 15' 00''$  W. These clearances were measured with a steel tape and in each case the estimated MHW line, as indicated on fender piles, etc., was used for vertical measurements because it was considered that a more accurate figure could be determined for this value due to the restricted waterway, making tidal action rather unpredictable.

1. Halledale, page 218, Lat.  $25^{\circ} 59.2'$  Long.  $80^{\circ} 07.3'$  Should read: 2 spans (Horiz. Cl.)  $55.5'$ , Right (West); (Vert. Cl.)  $10.2'$  (MHW). The Vertical clearance was measured at center of span to estimated MHW.
2. Fulford, page 218, Lat.  $25^{\circ} 55.8'$  Long.  $80^{\circ} 07.6'$ , should read 2 spans (Horiz. Cl.)  $54.5'$ ; (Vert. Cl.)  $5.0'$ . The horizontal clearance is greater probably due to changes in the bridge fenders.
3. 26th Street, (Indian Creek), (Not listed) Lat.  $25^{\circ} 53.2'$  Long.  $80^{\circ} 07.7'$ , should be listed on page 204 T-22-(Horiz. Cl.)  $22.2'$ ; (Vert. Cl.)  $12.5'$  MHW. This is a new bridge recently constructed over Indian Creek and connects Surfside and Bay Harbor Island.

Director  
U. S. Coast and Geodetic Survey  
Field Inspection Report, T-8450

Ross A. Gilmore  
Lt. Comdr. U. S. C. & G. S.  
Chief of Party

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

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

~~TO BE DELETED~~  
TO BE DELETED

STRIKE OUT ONE

Homestead, Florida      8 April      1947

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

The positions given have been checked after listing by John D. Weller

304

Ross A. Gilmore

Chief of Party.

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
			LATITUDE		LONGITUDE								
			°	'	°	'							D. M.
Tower	Lighted tower, twenty feet high (tower has been destroyed)		25	53	383	80	07	551	NA 1527	1-3500	1945	2	3248

*Chart Letter 304*

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

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

~~TO BE CHARTED~~  
~~TO BE DELETED~~

STRIKE OUT ONE

~~Homestead, Florida~~ 8 April 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.

The positions given have been checked after listing by John D. Miller

304

Ross A. Gilmore

Chief of Party

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE		LONGITUDE		DATUM							
			°	'	°	'	D. M. METERS	D. P. METERS						
Radio Tower	Skeletal Steel Radio Tower, HWL (red light Fl 40 times per min) 240 Foot High		25	55	80	00	700.2		25 March 1947				304	

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.

**NONFLOATING AIDS OR LANDMARKS FOR CHARTS**

Homestead, Florida

8 April

1947

TO BE CHARTED  
~~NON-FLOATING AIDS~~ } STRIKE OUT ONE

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

The positions given have been checked after listing by

John D. Weiler

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. M. METERS	°							'	D. P. METERS			
pile	Florida	Single unnumbered white pile		25	58	893.2	80	07	640.6	NA 1927	Table	Plane	25 March 1947				Intra-coastal 847	
Hollandale Day beacon		Red band & pointer with yellow top and red reflector on white pile		25	59	1005.7	80	07	537.1	NA 1927	Table	Plane	25 March 1947				Intra-coastal 847	

Chart Letter 304

304

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

T-5430

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
~~TO BE DELETED~~

STRIKE OUT ONE

Vero Beach, Florida

5 February

19 48

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. John D Weiler William A. Rasure  
The positions given have been checked after listing by

Ross A. Gilmore  
Ross A. Gilmore

By: *William A. Rasure* Chief of Party.

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEYING INC.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE		LONGITUDE		DATUM							
			D. M. METERS	D. P. METERS	D. M. METERS	D. P. METERS								
FLORIDA														
Bn 23	Biscayne Bay Daybeacon 25 Black Band and Pointer on White Pile, yellow top. Green Reflector, 10 ft. high		25 53	1338	80 07	212	NA-1927	Planetable	2-2-48	Intra coastal Waterway			847	
	Bal Harbour Yacht Basin Front Range Light. Fixed, Green light on 2 inch pipe 8 ft. high		25 53	1135.5	80 07	1252.5	"	"	"	"	X		"	
	Bal Harbour Yacht Basin Rear Range Light. Fixed white light on 2 inch pipe 4 ft. high		25 53	1146.0	80 07	1208.0	"	"	"	"	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.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AID(S) OR LANDMARKS FOR CHARTS

~~TO BE CHARTED~~  
TO BE DELETED

STRIKE OUT ONE

Vero Beach, Florida

5 February, 1948

I recommend that the following objects which have ~~been charted~~ been inspected from seaward to determine their value as landmarks be ~~charted~~ (deleted from) the charts indicated. John D. Weiler  
The positions given have been checked after listing by William A. Rasure  
Ross A. Gilmore

By: *William A. Rasure* 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						
RADIO TOWER	FLORIDA	Radio Tower WFV Tower has been destroyed		25 55.4	80 07.4	NA-1927 T-8430	2-2-48	Intra-coastal			Waterway 847

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.



**NONFLOATING AIDS OR LANDMARKS FOR CHARTS**

~~TO BE CHARTED~~  
**TO BE DELETED**

STRIKE OUT ONE

Vero Beach, Florida

5 February, 1948

I recommend that the following objects which ~~have~~ (have not) been inspected from seaward to determine their value as landmarks be ~~examined~~ (deleted from) the charts indicated. John D. Weiler

The positions given have been checked after listing by William A. Rasure

Ross A. Cilmore

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 ° ' D. M. METERS	LONGITUDE ° ' D. P. METERS	DATUM						
Bn 23	FLORIDA	Biscayne Bay Daybeacon 23 (new location)	25 53.8	80 08.1	NA-1927	-	2-2-48	Intra-coastal waterway				847

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.

Division of Photogrammetry  
Review Report of  
Topographic Map Manuscript T-8430

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

26. Control.--A form M 2388-12 listing the triangulation stations shown on the map manuscript was inserted in the descriptive report.

The following triangulation stations are listed as lost and were removed from the map manuscript:

Baker,	1883
Start,	1928
Mangrove,	1918

28. Detailing.--Ticks were added on many depression contours that were incorrectly shown as regular contours.

Contours were changed in several places to more closely conform with the ground features such as ponds, swamps, and spot elevations.

The lines in the portion of the map manuscript that was printed from the shoreline manuscript of this area were weak and required a considerable amount of redrafting by the reviewer. The smooth draftsman should have sheets T-8593 - 95 for reference to enable him to distinguish the details in the congested areas.

The following changes were made on the map manuscript in accordance with recent information received from the field in February, 1948:

The city limits of Hallandale and Hollywood were changed.

A new channel was added at the entrance to Bal Harbour Yacht Basin.

30. Mean High Water Line.--An apparent mean high water line was added in several places in accordance with Photogrammetry Instructions No. 17, Paragraph 29.

34. Landmarks and Aids to Navigation.--Lookout Tower, twenty feet high was removed from the map manuscript. It has been destroyed. Chart Letter 304, 1947.

Tower (elevated) has been shown on the map manuscript. Chart letter 133, 1946.

The following changes were made in accordance with recent Forms 567 received in February, 1948, from the field.

Bal Harbour Yacht Basin, Front and Rear Entrance Lights were plotted on the map manuscript. Form 524 cards were also submitted.

The radio tower for Station WFVL was removed.

A new position was plotted for Daybeacon 23.

37. Recoverable Topographic Stations.--Eighteen recoverable topographic stations are located in the area covered by the map manuscript. A Form 524 card is filed in the Division of Photogrammetry, General Files, for each of these stations.

The following stations have been removed from the map manuscript:

Radio Tower WFVL 1947, has been destroyed. Chart letter 129, 1948.

Good, 1935, has been destroyed by extensive construction work.

38. Section Lines.--In accordance with ~~the General~~ *standard practice* ~~Engineers Technical Instructions No. 27, 1947,~~ section lines were broken for meanders.

39. Junctions.--A check of the junction with T-8433 disclosed a discrepancy in the position of the boundary for Precincts 2 and 24. A letter has been sent to the Tampa Office requesting a legal description of this boundary. The discrepancy will be corrected upon receipt of the requested information.

The junction with T-8431 was checked with an ozalid print of that sheet because the map manuscript was not available. There is a five foot contour on T-8431 at 25°56' at the junction that should be changed to a depression contour when the sheet is returned to this office for verification.

The junctions with T-8428 and T-8429 are satisfactory.

40. Geographic Names.--Names were added to the map manuscript from the approved list of names submitted by the

Geographic Names Section. Names of features in congested areas were shown on the overlay.

Street names were deleted from the map manuscript since they were indistinguishable from buildings.

44. Comparison with Existing Topographic Surveys.--

T-1049	1:20,000	1867
T-3758	1:20,000	1919
T-4357	1:20,000	1928
T-4527	1:20,000	1927
T-4528	1:20,000	1927
T-6279	1:10,000	1934
T-8593	1:10,000	1945
T-8594	1:10,000	1945
T-8595	1:10,000	1945

These surveys are superseded in common areas by T-8430.

45. Comparison with Nautical Charts.--

Chart No. 1248	1:80,000	1937	Corr. 1946
847	1:40,000	1943	Corr. 1946

The map manuscript is in good agreement with the charts with the following exceptions:

The new positions for Daybeacons 23 and 60 are not on the charts.

The channel and range lights at Bal Harbour Yacht Basin are not on the charts.

Chart 847 does not carry a note indicating that the east channel of the bridge east of North Miami Beach is closed to navigation.

The vertical clearance of the bridge over Bakers Haulover Cut is 15 feet on Chart 847 and 17.7 feet on the map manuscript.

The shoreline of Bay Harbor Island has been considerably changed by recent construction work.

The map manuscript has not been applied to nautical charts.

48. Accuracy Tests.--The vertical accuracy test made on this quadrangle meets the specifications for the Project.

This map complies with the national standard of map accuracy requirements.

49. Overlays.--An overlay was prepared showing the border information, city limits, road classification, and route numbers, triangulation stations, benchmarks, topographic stations and spot elevations that are to be shown by the smooth draftsman.

Reviewed by:

Reviewed under direction of:

Charles Theurer  
C. Theurer  
19 February 1948

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

APPROVED BY:

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

Chief, Nautical Chart Br.  
Division of Charts

K. T. Adams  
Chief, Div. of Photogrammetry

Chief, Div. of Coastal  
Surveys

C. K. Green

GEOGRAPHIC NAMES

Survey No. T-8430

NORTH MIAMI 7 1/2 quadrangle

Name on Survey

On Chart  
No.

On previous survey  
No.

On U. S. quadrangle  
Maps

From local  
information

On local Maps

F. 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
Florida									USGB 1
Dade County									2
Broward County									3
Atlantic Ocean									4
Intracoastal Waterway									USGB 5
Biscayne Bay									" 6
<del>Surfside</del> Surfside									7
Bal Harbour									(new subdivision of Miami Beach) 8
Indian Creek									USGB 9
Indian Creek Country Club									10
Bakers Haulover Cut									11
Haulover Beach									(new name for county park north of cut) 12
Miami Aviation Center Arch Creek									13
Natural Bridge									14
Biscayne Park									15
North Miami									16
Spur Canal No. 4 North Miami Beach									17
Biscayne Kennel Club									18
Biscayne Canal									19
Gratigny Drive									20
Mt. Sinai Memorial Park Cemetery									21
Opalocka Boulevard									22
Opalocka									USGB 23
Biscayne Gardens Golden Glades Drive									(new No. 826) 24
Uleta									25
Miami Gardens Drive									26
Royal Glades Canal									(not Snake Creek Canal) 27

Handwritten checkmarks and symbols in the left margin, including a vertical line of checkmarks and various symbols like 'X', '+', and 'K'.

## GEOGRAPHIC NAMES

Survey No. T-8430

2 Name on Survey	Sources of Name Information									
	A On Chart No.	B On previous survey	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
Sunny Isles Road										1
Oleta River										2
Little Snake Creek										3
Maule Lake										4
Greynolds Park										5
Ojus										
Dunfoundling Bay								USGB		6
Biscayne Creek								"		7
Sunny Isles										8
Bella Vista (Island)										9
Bella Vista Bay										
Fairyland										10
Atlantic										
Venetian View										11
Poinsettia										
										12
Honey Hill Drive										13
Golden Beach										14
North Island										15
Center Island										16
South Island										17
Lake Villa										18
Gulf Stream Park										
										19
Beverly Beach										20
Tarpon Island										21
Pompano Island										22
Hollandale										23
MacArthur Airport										
										24
Hollywood Kennel Club										25
Hollywood										
										26
Perry Field										
										27

(Not Royal Palm I.)

(not Race Track)

(not Hollywood Airport, per names report)

(if any of it on this sheet)

(see Field Edit Report, re this name and omission of South Perry Field)

Handwritten vertical notes on the left margin consisting of a series of 'X' marks and some symbols.

GEOGRAPHIC NAMES

Survey No.

T-8430

3 Name on Survey	Sources										
	A	B	C	D	E	F	G	H	K		
<u>State No. 820</u>											1
											2
<u>Florida East Coast</u> ↘											3
<u>Seaboard Railway</u> ↘											4
<u>U.S. No. 1</u>											5
<u>State A1A</u>											6
											7
<u>Bay Harbor Island</u>											8
											9
											10
											11
											12
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											14
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											26
											27

(former State 394)

(road along outer beach)

(southmost of Sunny Isles; per names report, this is no longer an island, and name has been abandoned; see also Field Edit report re changes)

(A few minor names reported in the special names report for this area have not been listed; in view of the scale of this sheet and uncertainty of identification of the features concerned)

Names underlined in red are approved.  
2/9/48. L. Heck

Names of uncertain application mentioned above:

West Lake ) both in Greynolds Park

Lagoon )

Central Park in North Miami Beach

Barry College east of Biscayne Kennel Club

North Miami Zoo

Summerland small subdivision

Opalooka Canal



# NAUTICAL CHARTS BRANCH

SURVEY NO. 8430

## Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
5-12-54	1248	<i>[Signature]</i>	<del>Before</del> After Verification and Review <i>EXAM</i>
			<i>No Crit. Corr.</i>
			Before After Verification and Review
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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.