

8433

8433

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. T-8433 Office No. _____

LOCALITY

State FLORIDA

General locality DADE COUNTY

Locality "MIAMI"

1947

CHIEF OF PARTY

Lieut. Comdr. George E. Morris Jr.

LIBRARY & ARCHIVES

DATE September 24, 1948

DATA RECORD

T-8433

Quadrangle (II): Miami

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

Field Office: Tampa, Fla.

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

Compilation Office: Tampa, Fla.

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

Instructions dated (II III): 25 May, 1945

DIVISION OF PHOTOGRAM-

Copy filed in ~~Descriptive~~
~~Report No. T-~~ (VI)
 METRY, OFFICE FILES

Completed survey received in office: Nov. 1947

Reported to Nautical Chart Section: JAN. 1948

PARTIALLY APPLIED TO CHART # 847 1-28-48

Reviewed: MARCH 1948 Applied to chart No. Date:

Redrafting Completed:

Registered: { B+W. Print - 13 Sept 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): pier, 1934

Lat.: 25° 46' 05.1086 (156.5m) Long.: 80° 07' 54.1708 (1524.5m) Adjusted
 Unadjusted

State Plane Coordinates (VI): FLORIDA COORDINATE SYSTEM, EAST ZONE

X = 785, 709.19

Y = 522, 317.22

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
C-1548-55	3/7/45	10:45	1:20,000	
C-1561-67	3/9/45	10:45	"	0.2' MLW
C-1606-13	3/9/45	11:15	"	0.3 MLW
C-1625-32	3/9/45	11:33	"	0.1 MLW
C-3337-39	6/1/45 (inshore)			
11830-34	11/14/42	11:15-17	"	Not used for shoreline
11939-43	11/14/42	1:50	"	" " " "
11990	11/14/42	4:14	"	" " " "

Tide from (III): Miami Beach (ocean) (Reference Station
Miami Yacht Basin, Biscayne Bay Mayport, Florida)

Mean Range: 2.0 Spring Range: 2.4

Camera: (Kind or source) U.S. C & G.S. 9-lens 8 1/2" Focal length
U.S. C. & G. S. Single lens "C" 6" Focal length.

Field Inspection by: Ben O. Bryant date: July-Dec. 1945
Harold Duffy

Field Edit by: W. H. Shearouse date: Oct, 1947
J. Weiler

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

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

" " " checked by: " " date:

Control plotted by: R.J. Pate date: 4 Sept. 1946

Control checked by: M. M. Slavney date: 4 Sept. 1946

Radial Plot by: M.M. Slavney date: 19 Sept. 1946

Detailed by: E. C. Andrews date: Nov.-Mar. 46-47

Reviewed in compilation office by: J. A. Giles date: March 1947

Elevations on ~~F1/A1/A11/Sheet~~ Map manuscript
checked by: J. A. Giles. date: March 1947

STATISTICS (III)

Land Area (Sq. Statute Miles): 42.12

Shoreline (More than 200 meters to opposite shore): 60 3/4

Shoreline (Less than 200 meters to opposite shore): 24

Number of Recoverable Topographic Stations established: 5

Number of Temporary Hydrographic Stations located by radial plot:

Leveling (to control contours) - miles: 17.2

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

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

Remarks:

Statement to Accompany
Descriptive Report T-8433

1. This summary of survey methods used, and the method of handling T-8433 and adjoining quadrangles is provided for the convenience of those processing and using the map in the future.

2. The several mapping operations were:

- (a) Nine and single-lens aerial photography and laboratory processing.
- (b) Field surveys for identification of shoreline, clarification of photographic details, the identification of horizontal and vertical control, planetable contouring, section corner identification, and a geographic names and boundary investigation.
- (c) A radial plot used together with revised planimetric manuscripts T-5628, T-5629 and T-5630, scale 1:10,000 were processed into a 1:20,000 scale manuscript.
- (d) Preliminary office review of the compiled manuscript.
- (e) Field edit and accuracy tests.
- (f) Final office review of the manuscript to insure completeness and conformance with specifications. This included correction of the 1:20,000 scale manuscript in accordance with the field edit survey and the correction of 1:10,000 scale shoreline surveys T-8595, T-8596, and a portion of T-8597.

3. T-8433 will be smooth drafted by this bureau. Publication and distribution will be by the U. S. Geological Survey in accordance with the agreement of March 5, 1947.

4. The following data for T-8433 has been filed as follows:

- (a) Filed in the Division of Photogrammetry
 - 1. 1:20,000 scale composite manuscript (T-8433), field edit and final review corrections applied.
 - 2. 1:10,000 scale shoreline surveys T-8595, T-8596 and T-8597, field edit and final review corrections applied.

3. Field edit sheet T-8433
- (b) Filed in the Coast and Geodetic Survey Archives.
1. The descriptive report, with a 1:20,000 scale cloth mounted photographic print of the manuscript is being permanently registered. When T-8433 is published, a 1:24,000 cloth backed copy of the published map will also be registered.
 2. The descriptive reports and 1:10,000 scale cloth-mounted photographic prints of shoreline surveys T-8595, T-8596 and T-8597 will be permanently registered.

Harland R. Cravat
Cartographer (Photogrammetrist)
March 25, 1948

FIELD INSPECTION REPORT
TO ACCOMPANY
"MIAMI" QUADRANGLE T-8433
PROJECT CS 312-B

1. DESCRIPTION OF THE AREA

The area is bounded on the north by Lat. $26^{\circ} 52' 30''$ N., on the south by Lat. $26^{\circ} 45' 00''$ N., on the west by Long. $80^{\circ} 15' 00''$, and on the east by Long. $80^{\circ} 07' 00''$. The limits of the quadrangle were extended eastwardly one half minute to take in a part of Miami Beach which falls outside of the regular seven and one half minute quadrangle.

Elevations rise from sea level to include the 20-foot contour. The area is practically all urban, taking in most of greater Miami. Three causeways connect Miami Beach with the mainland, crossing Biscayne Bay which lies between Miami Beach and Miami.

The Miami River and Little River Canal are the most important drainage features. They extend from the western shore of Biscayne Bay inland to the western limits of the quadrangle.

2. COMPLETENESS OF FIELD INSPECTION

The field inspection is complete north of 62nd Street in Miami and throughout Miami Beach and Surfside. A small area south of 62nd Street in Miami was inspected, but because of the termination of the Miami Field Party, the remainder of the area has not been inspected. This remainder is to be done during the field edit.

3. INTERPRETATION OF PHOTOGRAPHS

The area is practically all urban. The streets, buildings, etc., are for the most part easily recognizable.

4. HORIZONTAL CONTROL

Recovery of horizontal control, identification on photographs, marking identification cards, correcting descriptions, etc., were done by Ben-O. Bryant, Photo Aid, and William A. Rasure, Photo. Engr., in July and August 1945.

No new control stations were established.

Horizontal control stations were identified on the single-lens 1:10,000-scale photographs covering the area.

It is believed an adequate number of stations were identified on the photographs to control the radial plot; however, a number of recovered stations were not identified on the photographs.

5. VERTICAL CONTROL

The following agencies are known to have vertical control in the area:

U. S. Coast and Geodetic Survey
Florida Geodetic Survey
City of Miami
City of Miami Beach

The bench marks of the first three listed were recovered and identified on the photographs. Bench marks of the City of Miami were converted to U. S. Coast and Geodetic Survey datum (MSL) and used to tie into while contouring.

Bench marks of the City of Miami Beach were not used as control because of the inaccuracies of their level lines. There are no monumented stations established by this agency.

All of the foregoing work was done by Ben O. Bryant, Photo. Aid, during July and August 1945.

Mr. Bryant ran a test which proved the City of Miami bench marks to be very accurate.

Levels were run on Miami Beach under the supervision of Mr. William A. Rasure, Photo. Eng., while training personnel in field work. All lines closed within the allowable limits of error. The errors in closure were adjusted throughout the line.

6. CONTOURS AND DRAINAGE

Contouring of a large part of the area had previously been done by the Florida Geodetic Survey. This work was tested and found to be accurate by J. K. Wilson, Photo. Aid.

The area not contoured by the preceding agency included Miami Beach, a strip of the mainland along the western shore of Biscayne Bay, and Fisher and other islands in the Bay.

The contouring was done by William H. Shearouse, Photo. Aid, during December 1945; January, February, and March 1946, using standard planetable methods and in accordance

with the current instructions for the project. The contouring included work in downtown Miami during the height of the winter season and progress was slow and difficult because of heavy traffic.

All new contours were run on nine-lens 1:20,000-scale photographs. The following photographs were used: 11830, 11832, 11834, 11940, and 11942.

The City of Miami Beach rises from sea level to a few isolated 10-foot contours. The area in general is from 3 to 7 feet above M.S.L. Level points established by Mr. Rasure were sufficiently close to permit numerous tie-ins with only a few planetable set-ups between. In a few instances short planetable traverses were necessary. These were tied back into established level points and the small errors in closure were adjusted throughout.

The City of Miami rises from sea level to about 20 feet. The average here is from 7 to 12 feet. City of Miami bench marks are numerous, and frequent tie-ins were made with these as well as with U. S. Coast and Geodetic Survey bench marks. In a few instances where the error of closure was greater than allowable, the lines were re-run and satisfactory closures obtained. Here, as in Miami Beach, a few planetable traverses were run. These were tied back in to established bench marks and were adjusted throughout where necessary.

The drainage is easily discernible. The most important is the Miami River and the Little River Canal.

Numerous small corrections and additions were made in the Florida Geodetic Survey work, such as borrow pits and spoil banks.

7. MEAN HIGH-WATER LINE

The mean high-water line was identified on the single-lens 1:10,000-scale photographs by Ben O. Bryant, Photo. Aid, during August 1945 and H. A. Duffy, Photo. Aid, during November 1945. The work was done in accordance with the current instructions for identifying high-water line.

8. LOW-WATER LINE

The low-water line was identified at the same time as the mean high-water line and by the same field inspectors. (See paragraph No. 7.)

9. WHARVES AND SHORELINE STRUCTURES

Wharves and some shoreline structures were indicated and labeled by Mr. Bryant at the time the high- and low-water lines were inspected. The remainder of the shoreline structures were inspected and indicated by J. E. Hundley, Photo. Aid, during January 1946.

10. DETAILS OFFSHORE FROM HIGH-WATER LINE

The waters of Biscayne Bay are shoal waters, but the channels are plainly marked and kept free from obstructions. Nothing was noted which would require further investigation by the hydrographic party.

11. LANDMARKS AND AIDS TO NAVIGATION

Two new landmarks have been identified on 1:10,000-scale single-lens photograph 45C-1566. They are radio towers of station WIOD located along 79th Street causeway.

The aids to navigation were located by sextant fixes by H. A. Duffy, Photo. Aid, and William H. Shearouse, Photo. Aid.

12. HYDROGRAPHIC CONTROL

No new hydrographic control stations were established during this survey.

13. LANDING FIELDS AND AERONAUTICAL AIDS

No aeronautical aids were found in the course of field inspection, which, however, was incomplete and should be checked by the field edit party. There is one small airport, the Sunny South Airport, and a corner of the Miami Master Airport within the limits of this quadrangle.

14. ROAD CLASSIFICATION

Roads were classified according to latest instructions.
General Instructions - Classification and Compilation of Roads, by THE DIRECTOR
June 30, 1945

15. BRIDGES

Bridges were measured and classified by the shoreline inspection party.

16. BUILDINGS AND STRUCTURES

All buildings to be shown outside of the urban area and all public buildings within the urban area were circled in red ink in all areas where the field inspection was complete. All buildings not to be shown outside the urban area were deleted with a green "x".

17. BOUNDARY MONUMENTS AND LINES

Section corners were searched for and recovered by B. O. Bryant. City limits and precinct lines are shown according to information obtained from the Dade County Engineers Office.

18. GEOGRAPHIC NAMES

The geographic names for the area are covered by a special report submitted by Lowell I. Bass, Photo. Aid.

Respectfully submitted,

William H. Shearouse
William H. Shearouse
Photo. Aid

Approved and forwarded:

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

COMPILATION REPORT
TO ACCOMPANY
"MIAMI" QUADRANGLE T-8433
PROJECT CS 312-B

26 and 27 CONTROL AND RADIAL PLOT:

A special report prepared by Milton M. Slavney, Photogrammetric Engineer, was submitted with the Descriptive Report which accompanies quadrangle No. T-8431.

28 DELINEATING:

Both nine lens and single lens photographs were used in the delineating of this map manuscript.

The single lens photographs which were taken at a later date and were of much better scale were used in most of the delineating.

Woodland areas and cultural features were outlined and symbolized according to instructions dated 30 June, 1945. The field inspection is not complete (See "Field Inspection Report") and should be completed at time of the Field Edit. *Completed during field edit*

Contours have been shown on the map manuscript in brown acetate ink and were taken from the C.W.A. sheets which covered this area, and from field photographs which were used to contour areas which had changed since the old C.W.A. survey.

29 SUPPLEMENTAL DATA:

A Dade County Engineer's map showing the ^{Commissioner Districts} precincts in this area was used for putting ^{Commissioner Districts} precinct lines on the manuscript. These lines were shown with yellow pigment ink as no yellow acetate ink was available in this office. It is believed that with this ink the lines appear more plainly and can be shown much better than with labels along the streets or with a black dashed line.

30 MEAN HIGH WATER LINE:

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 noted.

33 WHARVES AND SHORELINE STRUCTURES:

Those shown on the photographs have been delineated as indicated.

34 LANDMARKS AND AIDS TO NAVIGATION:

Two new landmarks are being submitted on Form No. 567 with this report.

Non-floating aids to navigation appearing on this quadrangle were submitted on form No. 567 at the time of the shoreline revision. *Refer to Chart #302-1946 & 304-1946*

35 HYDROGRAPHIC CONTROL:

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

36 LANDING FIELDS AND AERONAUTICAL AIDS:

See "Field Inspection Report".

37 BRIDGES:

Where ever the water is navigable within this quadrangle bridges were classified according to the current instructions for the project.

38 SECTION CORNERS:

Twenty-one section corners recovered in the field have been shown on the map manuscript according to instructions. A separate report on construction of public land lines will be submitted by Mr. William A. Rasure, Photogrammetric Engineer, after field edit.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

A comparison was made with the C.W.A. sheets covering this quadrangle. With the exception of changes which have taken place such as new roads, buildings, etc., they are much the same.

45 COMPARISON WITH NAUTICAL CHARTS:

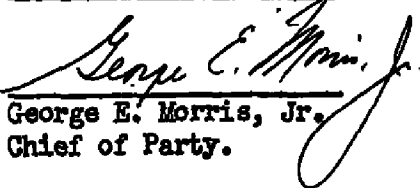
The only apparent change between this quadrangle and nautical charts in the area were in dredged areas where entire islands were dredged up or low areas along the mainland were filled in prior to development. U. S. Coast and Geodetic Survey chart 848 with print date of 27 October 1945 was used for comparison.

Respectfully submitted,



Edward C. Andrews,
Photogrammetric Aid.

Approved and Forwarded:



George E. Morris, Jr.
Chief of Party.

FIELD EDIT REPORT

QUADRANGLE T-8433

"MIAMI"

PROJECT CS-312-B

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

46. METHODS

The field edit of this quadrangle was done in conjunction with the edit of shoreline sheets T-8595, 8596, and 8597. Most of the shoreline changes and information regarding aids to navigation have been made on the shoreline sheets and should be transferred by the compiler to T-8433.

The inshore features of the quadrangle were inspected by truck. All cultural data added to the map manuscript were either plotted from topographic features or cut in by planetable methods.

47. ADEQUACY OF THE MAP MANUSCRIPT

The map manuscript was adequate and correct except for changes made since the date of the original field inspection, and a few details overlooked or erroneously interpreted.

Most of the field edit notes are self-explanatory but listed below are a few details that may need further elucidation:

Numerous streets in the Northwest part of the quadrangle have been improved from "Rd. 4" to "Rd. 3", as well as numerous new streets and houses constructed. This may affect the junction with T-8432 and is due entirely to the elapsed time between the editing of the two quadrangles.

Highway numbers, and road classifications of numbered highways have been indicated. All roads have been classified according to instructions dated 30 June 1945. A little license had been employed in classifying unnumbered streets, that are nevertheless main thoroughfares, and should carry their actual classification through the city.

The additional contouring necessary on active borrow pits was difficult because of abnormally high water. The 5 foot contours have been shown as they would exist under normal conditions.

The newly-filled areas along North Bay Causeway are self-explanatory and should be added to the map manuscript, as well as the name "Harbor Island", and the dredged channel from Harbor Island to the Intracoastal Waterway.

City limits were checked with the respective city officials. The only changes are as follows, as authorized by the 1947 State Legislature:

1. The village of North Bay Island is now named North Bay Village. The limits of North Bay Village have been extended to the East, hence changing the common city limits of Miami Beach.
2. The north and south city limits of Miami Shores through Biscayne Bay were omitted from the map manuscript and have been delineated.
3. Virginia Key has been excluded from Miami Beach and is now in Dade County, but the Miami Beach city limit line which is 1500 feet offshore, remains unchanged.
4. The east boundary of Miami Beach has been added to the field edit sheet. It meanders 1500 feet offshore from low water line.

The precinct line separating Precinct 2 and Precinct 24 presents a problem because of the conflicting interpretation of the description. It is suggested that it be shown as indicated on the field edit sheet. This will also affect Quadrangle T-8430.

A Federal Communications Commission radio station is located at NW 18th Avenue and NW 32nd Street and the boundaries shown on Photograph C-1583. It is abandoned and no information could be obtained as to its function. It is apparently a transmitting station.

Two new radio towers, WBAY, and WMBM were located and form 524 descriptions are submitted.

The Embry Riddle Seaplane Base and the Pan-American Center on the MacArthur Causeway are no longer in existence and should be deleted.

The boundaries of the U.S. Engineers Reservation at the south end of Miami Beach and the U.S. Quarantine Station on Fisher Island have been shown, for addition to the map manuscript.

The discrepancy overlay questions a number of grassy areas in Biscayne Bay. The recent rough water and high tides have destroyed some of these areas, but they have been delineated as well as possible by field edit methods.

48. VERTICAL ACCURACY TEST

The vertical accuracy test for this quadrangle was done as a part of revision contouring of CWA sheets covering this area. See report by Joseph K. Wilson. The review section again failed to furnish the field editor with CWA sheets falling within the area of the quadrangle, therefore only a superficial examination of the contouring could be made.

49. PUBLIC LAND LINES

No additional section corners were recovered, however, the section line discrepancy print was checked with Dade County authorities and with the Miami City Atlas and the Miami Beach Atlas. Lines checked very well except for two minor details on the discrepancy overlay. The north line of Miami City Limits and the city limits of North Bay Village should be changed to fall on the section line.

The section corner questioned at the junction of NW 7th Avenue and the Little River canal could not be recovered as described in Dade County control station CE 377X-D. A 1 inch iron pipe driven into the macadam was recovered 150 feet south of the south end of the bridge. Neither point seems to fit the section line pattern and it is recommended that the lines in question remain as delineated and the dubious corners discarded.

Attention is called to the theoretical corner 9,10,15, and 16, T54S - R42E. According to local information the G.L.O. did not coordinate the work on Virginia Key with that on Miami Beach, and a discrepancy of roughly 1300 feet was thrown into Norris Cut. The line has been changed on the Section Line Discrepancy Sheet to conform to local usage. Refer to the plans of the Rickenbacker Causeway, submitted with the field edit of Quadrangle T-8434, for additional information.

50. BRIDGES

All bridge clearances were checked where requested on the discrepancy sheets of the shoreline surveys. Clearances were carefully measured with a steel tape, and data as listed in the U.S. Engineers "List of Bridges Over Navigable Waters of the U.S." dated July 1, 1941 verified except for discrepancies which were reported to the local District Engineer (copy of letter attached). Only those bridges over the main channels were reported to the District Engineer; numerous bridges over minor channels used by purely local traffic were not reported.

The field edit sheet was reviewed by the Asst. Engineer of the City of Miami, and the Engineer of the City of Miami Beach. They could find no errors on the corrected sheet and were all helpful in the course of the field edit. They displayed considerable enthusiasm over the sheet, and it is suggested that they all receive copies of the final print.

John D. Weiler

John D. Weiler
Photogrammetrist

Supervised:

Lewis V. Evans, III

Lewis V. Evans, III
Lieut. (jg) USCGS

Approved and Forwarded:

Ross A. Gilmore

Ross A. Gilmore
Chief of Party

Division of Photogrammetry
Review Report of
TOPOGRAPHIC MAP MANUSCRIPT T-8433

The review of T-8433 diverged from the normal review procedure as follows:

- A. Corrections for overlapping shoreline surveys T-8595, T-8596, and T-8597 were applied during final review.
- B. Special methods were used to obtain legible copy for smooth drafting, as described in the attached letter of the Chief, Division of Photogrammetry, dated June 30, 1947.

The legible portion of T-8433 was used and where the map manuscript could not be clarified, all quadrangle data were transferred to the appropriate shoreline manuscript. The drafting section will obtain 1:20,000 scale film positives of T-8595 and T-8596. These used together with the usable portion of T-8433 will form a composite manuscript of the quadrangle.

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

26. Control.--
Horizontal

Attached to this descriptive report is a list of all horizontal control stations shown on the manuscript. Only the most prominent stations have been selected to be shown on the published quadrangle.

Vertical

Over 160 bench marks were recovered by the field party and shown on the map manuscript. Of these, only the most prominent have been selected to be shown on the published quadrangle. They are of the following agencies:

- A. U. S. Coast and Geodetic Survey
- B. Florida Geodetic Survey

34. Landmarks and Aids to Navigation.--In addition to landmarks previously recommended for charting or deletion, TOWER, City of Miami Beach is recommended for deletion. Form 567 is being forwarded to the Division of Charts, and a copy attached to this report.

35. Hydrographic Control.--Because of the mass of detail only the most prominent permanently marked stations were selected to be shown on the published map.

38. Section Corners.--Section corners and lines as delineated by the General Land Office have been shown on the map manuscript.

In the location of the section corners the information furnished by the Florida State Mapping Program has been drawn upon freely, except where they extended the General Land Office Surveys. Extended surveys were disregarded and only those portions shown on the General Land Office Plats were accepted.

44. Comparison with Existing Topographic Surveys: Manuscript T-8433 has been compared with the following topographic Surveys and supersedes them in all common detail.

3759	1:10,000	1919
4229	1:20,000	1927
5629	1:10,000	1935
6275	1:10,000	1935
6297a	1:10,000	1934-5

45. Comparison with Nautical Charts.--

547	1:10,000	1942	Revised July 1946
847	1:40,000	1943	Revised July 1946
1248	1:80,000	1937	Reissued Sept. 1947

These nautical charts have been compared with the map manuscript. Changes have been partially applied to chart No. 847, and it is felt that the following additional change is of sufficient importance to warrant immediate application to the charts.

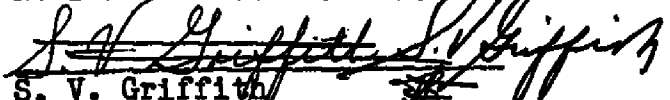
A. Delete Miami Yacht Basin and add Fill, just north of Brickell Point.

This compilation is adequate and complete. It meets all National Map Accuracy Requirements.

Reviewed by:


Harland R. Cravat
Cartographer(Photogrammetrist)

Reviewed under direction of:


S. V. Griffith
Chief, Review Section

APPROVED:

S.M. for B. G. Jones.
Technical Assistant to the
Chief, Div. of Photogrammetry

H. P. Rutenburg
Chief, Nautical Chart Branch
Division of Photogrammetry

K. T. Adams
Chief, Div. of Photogrammetry

C. K. Green
Chief, Division of Coastal
Surveys

GEOGRAPHIC NAMES

Survey No. T-8433

MIAMI, Fla.

1 Name on Survey	Source									
	A	B	C	D	E	F	G	H	K	
Florida									USCB	1
Dade County										2
Biscayne Bay									USCB	3
Intracoastal Waterway									"	4
Florida East Coast										5
Seaboard										6
U.S. No. 1										7
State 1A										8
U.S. 94/State 90										9
State 25										10
State 828										11
										12
Outer beach:										13
Virginia Key										14
Norris Cut										15
Fisher Island										16
U.S. Quarantine Station										17
Government Cut										18
Fishermans Channel										19
U.S. Engineers Reservation										20
Miami Beach Kennel Club										21
Pier Park										22
Meloy Channel										23
U.S. Coast Guard Station										24
Quarantine Dock										25
Radio Transm. WMM										26
Chamber of Commerce Docks										27

Deleted from Manuscript by reviewer *HP-6*

Deleted from Manuscript by *HP-6*

GEOGRAPHIC NAMES

Survey No. T-8433

2	Name on Survey	Source										
		A	B	C	D	E	F	G	H	K		
	Gulf Breeze ✓	Deleted from Manuscript by Reviewer <i>HRP</i>										
	South Beach Park ✓											2
	Washington Park ✓											3
	Life Guard Station ✓											4
	Lummus Park ✓											5
	Flamingo Park ✓											6
	Miami Beach ✓		(city) ✓									7
	Miami Beach Municipal Golf Course ✓			(two places)								8
	Collins Canal ✓											9
	Collins Park ✓											10
	Miami Beach Womens Club											11
	Lake Pancoast ✓											12
	Indian Creek ✓									USCB		13
	Hay Shore Golf Course ✓											14
	Sunset Lake ✓											15
	Sunset Islands ✓											16
	St. Patrick Church & School											17
	Biscayne Waterway ✓											18
	Dollins Island ✓											19
	Johns Island ✓											20
	Nautilus Hotel ✓	Deleted from Manuscript by <i>HRP</i>										
	Polo Park ✓											22
	Firestone Estate ✓											23
	Surprise Lake ✓											24
	Surprise Waterway ✓											25
	Flamingo Waterway ✓											26
	Fisher Park ✓											27

GEOGRAPHIC NAMES

Survey No. T-8433

3	Name on Survey	Source of Information									
		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>La Gorce Golf Course</u>										1
	<u>St. Francis Hospital</u>										2
	<u>La Gorce Canal</u>										3
	<u>La Gorce Island</u>										4
	<u>Allison Island</u>										5
	<u>North Bay Park</u>										6
	<u>Atlantic Heights</u>										7
	<u>Surfside Park</u>										8
	<u>Harding Park</u>										9
	<u>Park View Island</u>										10
	<u>Normandy Isle</u>										11
	<u>Normandy Isle Municipal Golf Course</u>										12
	<u>Normandy Waterway</u>										13
	<u>Surfside</u>										14
	<u>Biscayne Point</u>										15
	<u>Point Lake</u>										16
	<u>Indian Creek Village</u>										17
											18
	<u>In bay. N. to S.:</u>										19
	<u>Harbor Island</u>										20
											(area n. side of causeway, being filled in)
	<u>79th Street Causeway</u>										21
	<u>North Bay Island</u>										22
	<u>North Bay Village</u>										23
	<u>Radio Towers WIOD</u>										24
	<u>Venetian Causeway</u>										25
	<u>Venetian Islands</u>										26
	<u>Biscayne Island</u>										27

GEOGRAPHIC NAMES

Survey No. T-8433

4	Name on Survey	A	B	C	D	E	F	G	H	K	
	San Marco Island									1	
	San Marino Island									2	
	Di Lido Island									3	
	Rivo Alto Island									4	
	Belle Isle									5	
	Belle Isle Park									6	
	Flagler Memorial Monument									7	
	General Douglas MacArthur Causeway									8	
	Main Channel									9	
	Star Island									10	
	Lummis Island									11	
	Dodge Islands									12	
	Palm Island									13	
	Hibiscus Island									14	
	Chalks Flying Service	Deleted from Manuscript by Reviewer <i>HP</i>									15
										16	
	Mainland, S to N:									17	
	Point View									18	
	Simpson Park									19	
	Southside Park									20	
	Brickell Park									21	
	Brickell Point									22	
	Burlingame Island									23	
	Miami River									24	
	Miami		(2 places)						USGB	25	
	Riverside Park									26	
	Henderson Park									27	

GEOGRAPHIC NAMES

Survey No.

T-8433

5 Name on Survey	A On Chart No.	B On previous survey No.	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
Navy Park									1
Burdine Stadium		Orange Bowl							2
Bryan Park									3
Shenandoah									4
Shenandoah Park									5
Woodlawn Park Cemetery									6
Radio Transm. WBAY									7
Columbia Park									8
Miami High School									9
Comfort Canal									10
South Fork Miami River									11
Police Benevolent Ass'n Play Ground									12
Fern Island Park									13
Jest Island									14
Jest Canal									15
North Park Miami River									16
Tamiami Canal									17
Miami Canal									18
Berry-Riddle School of Aviation									Deleted from Manuscript by Revisioner NPL
Melrose Park									20
Y.M.C.A. City Park									21
Braddock Park									22
Central Field									23
Jackson Memorial Hospital									24
Miami Country Club									25
Wagner Creek									26
Seybold Canal									27

GEOGRAPHIC NAMES

Survey No. T-8433

6	Name on Survey	A On Chart No.	B On previous survey No.	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
	Dixie Park ✓									1
	Lummus Park ✓									2
	Bay Front Park ✓									3
	City Yacht Basin ✓									4
	City Docks ✓									5
	Piers 1, 2, 3 ✓									6
	Miami Municipal R.R. ✓									7
	Dorsey Park ? ✓									8
	Biscayne Park ✓									9
	City Cemetery ✓									10
	Flagler Memorial Library ✓									11
	Miami Womens Club									12
	Federal Art Galleries									13
	Wynwood Park ✓									14
	Moore Park ✓									15
	Buena Vista ✓									16
	Stearns Park ? ✓									17
	Bay Point ✓									18
	Sabal Lake ✓									19
	Brentwood ? ✓									20
	Deering Estate ✓									21
	Morningside Park ✓									22
	Shadowlawn ✓									23
	Bay Vista Park ✓									24
	Manor Park ✓									25
	Allapattah ✓									26
	Glenwood Heights ✓									27

check

Deleted from Manuscript by Reviewer H.P.L.

check (sub-division)

check (3 sections)

GEOGRAPHIC NAMES

Survey No. T-8433

7	Name on Survey											
		A	B	C	D	E	F	G	H	K		
	Liberty Square F.H.P. HRP											1
	Edison Center ✓											2
	Edison Courts F.H.P.	Deleted from manuscript by reviewer										3
	Edison Center Park	"	"	"	"	"	"	"	HRP			4
	Lemon City ✓											5
	Eaton Park ✓											6
	Bayshore ✓											7
	Bird Key ✓											8
	Belle Meade Island ✓											9
	Belle Meade Estates ✓											10
	Little River ✓											11
	Little River Station ✓											12
	Little River Park ✓											13
	Little River ✓			(town)								14
	Miami Drive-in Theater	Deleted by HRP										15
	Little River Canal ✓											16
	Sunny South Airport ✓											17
	El Portal ✓											18
	Indian Burial Mound ✓											19
	Lake Belmar ✓											20
	Lake Ward ✓											21
	Miami Shores ✓											22
	Miami Shores Golf Course ✓											23
	Biscayne Canal ✓											24
	Miami Military Academy ✓											25
	Pinewood Park ✓			(sub-div.)								26
	Biscayne Canal Spur No. 1 ✓											27

GEOGRAPHIC NAMES

Survey No. T-8433

8

Name on Survey

A On Chart No.
 B On previous survey No.
 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

	A	B	C	D	E	F	G	H	K	
<u>U.S. Naval Air Station Master Field</u>				(see T-8432, Field Edit						1
Tatum Waterway										2
										3
										4
										5
										6
										7
										8
										9
										10
										11
										12
										13
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										24
										25
										26
										27
										M 234

Names underlined in red are approved. 3/17/48 D. Heck.

PROJECT CS-312 B
QUADRANGLE T-8433

NOTES TO FIELD EDITOR:

Section lines have been constructed in red ink on an ozalid print of the map manuscript.


Due to inaccuracies of the original General Land Office plats, they were disregarded almost entirely. Recovered corners, cultural details, topographic township maps (by Dade County Engineer) and a city map of Miami Beach were used in constructing the lines.

In part of greater Miami, there is a discrepancy in the section numbers as compared to a regular township. (37, 38, 39 and 40), with most of section 40 falling on quadrangle T-8434 to the south. It is probable that this is a block system set up by the City of Miami. It is believed by this writer that even if it is a block system, the numbers and limits should be shown as constructed. (Reference paragraph 19 of Field Edit Instructions). It is requested that the Field Edit Party investigate this matter thoroughly and suggest what should be shown in this area.

It is believed that the southwest corner of Section 1, T53S, R41E was misidentified in the field. Please investigate. (Reference pricking card and description of station CE 337 X = D.

*Note: These tracts 37, 38, 39 and 40 are not a part of a block system. They are original land grants, referred to on G.L.O. plats as "Private Claims" and as "Donations". They are to be shown as a part of the land line system and inside of which the section lines will not be shown. On map manuscript they may be titled
William A. Rasure,
Photogrammetric Engineer.

Approved and Forwarded:


George E. Morris, Jr.
Chief of Party.

~~James Hagan~~
JAMES HAGAN
P.C. 37

Mrs. Hagan
P.C. 38

Polly Lewis
P.C. 39

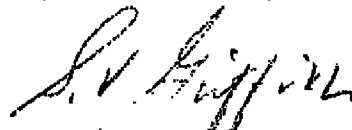
Jonathan Lewis
P.C. 40.


S. J. Griffith
6-27-49

The Florida State Mapping Program, conducted under CWA and PWA 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

30 June 1947

To: Lt. Comdr. George E. Morris Jr.
U. S. Coast and Geodetic Survey
P. O. Box 1689
Tampa, Florida

Subject: Field Edit and Manuscript Corrections to
Quadrangle T-8433 and Shoreline Sheets
T-8595 and T-8596.

The Washington Office attempt to process manuscript T-8433 from the older planimetric maps has resulted in such poor copy that special methods will be necessary in completing the quadrangle.

Field edit work required for shoreline survey T-8595 and T-8596 is discussed in the letter of September 17, 1946 (copy attached in descriptive report T-8596), and indicated by notes on discrepancy prints T-8595 and T-8596.

Field edit of our shoreline details and offshore details (that is within the limits indicated in red on the discrepancy prints shall be made on T-8595 and T-8596.

The Compilation Office shall correct manuscripts T-8595 and T-8596 in accordance with the field edit.

All shoreline and other planimetric details within the limits specified on T-8595 and T-8596 will be transferred to quadrangle T-8433 in the Washington office from the shoreline sheets, and no field edit of T-8433 as such is required in this area.

Field edit of interior areas on T-8433 will be made in the usual manner and in accordance with the discrepancy print being forwarded to the field party.

Field edit corrections to interior areas of manuscript T-8433 shall be made in the Tampa Office in the usual manner, but the shoreline areas covered by T-8595 and T-8596 shall not be corrected in the Tampa office. This will be done in

30 June 1947

Washington during the smooth drafting.

Processing of these sheets in the Washington Office will be handled approximately as follows:

- (1) Review of the shoreline areas will be made on T-8595 and T-8596, rather than on T-8433.
- (2) The drafting section will obtain 1:20,000 scale film positives of T-8595 and T-8596. These will be used together with the interior sections of T-8433 to make up a composite of the quadrangle (probably on a new project) which will be photographed to produce blue lines for smooth drafting.

K. T. Adams,
Chief, Division of Photogrammetry

Box 1445, Vero Beach, Florida
24 November 1947

TO: District Engineer
Jacksonville District
Corps of Engineers
P.O. Box 4970
Jacksonville 1, Florida

Subject: Bridge Clearances, USCGS Quadrangle No. T-8433

In accordance with instructions for this Bureau's topographic mapping the following bridge clearances were 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.	Horiz. Cl. feet	Vert. Cl. (MEW) feet
<u>MIAMI RIVER, FLORIDA</u>					
.11	SE End Avenue	25-46.2/80-11.4		97.0	+ 21.5
.18	S Miami Avenue	25-46.2/80-11.6		108.0	+ 11.0
.5	FGO Railroad	25-46.1/80-11.8		N 50.7 S 50.5	+ 6.0
.61	SW 2nd Avenue	25-46.1/80-11.9		112.0	13.0
.97	SW 1st Street	25-46.4/80-12.0		81.5	18.2
1.05	West Flagler St.	25-46.4/80-12.1		53.0	6.0
1.52	NW 5th Street	25-46.7/80-12.4		71.0	11.4
2.1	NW 12th Avenue	25-46.9/80-12.9		86.0	16.8
2.65	NW 17th Avenue	25-47.2/80-13.4		83.0	17.4
4.0	NW 27th Avenue	25-47.5/80-14.4		75.0	19.0
<u>INTRACOASTAL WATERWAY</u> (Biscayne Bay, Florida)					
348.6	Venetian Causeway	25-47.4/80-10.9		60.0	10.0
	13th Street	25-47.2/80-10.9		60.0	9.0
<u>BISCAYNE BAY, FLORIDA</u>					
	MacArthur Causeway,	25-46.4/80-08.7		60.0	8.0
	E Drawbridge				
	Venetian Causeway,	25-47.5/80-09.1		58.5	9.3
	E Drawbridge				

CC: 1. Director, USCGS
2. Chief of Party
3. Descriptive Report, T-8433

Lewis V. Evans, III
Lieut. (jg), USCGS

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NON-FLOATING/INSHORE LANDMARKS FOR CHARTS

TO BE CHARTED STRIKE OUT ONE

Tampa, Florida 24 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 Frankford E. Smith

Lieut. Comdr. George E. Morley, Jr. 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									
			°	'	°	'							D. M. METERS	D. P. METERS
Radio Tower	N.E. Radio Tower, 309' high - N.L.O.D.	None	25	50	1828.4	80	09	492.0	N.A.S. 1927	APRIL 1947	X	X	1248 567	
"	S.W. Radio Tower, 309' high - N.L.O.D.	"	25	50	1743.4	80	09	550	"	"	X	X	"	
Flag Pole	72' Steel staff with four legs at base - USE Reservation	"	25	45	1732.0	80	08	195.8	"	"	X	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 AIDS ~~RECOMMENDED~~ FOR CHARTS

TO BE CHARTED
~~TO BE REVISIONED~~

STRIKE OUT ONE

Tempa Photogrammetric Office
Tempa, Florida

24 May 1946

I recommend that the following objects which have ~~(names)~~ 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 Russell J. Pate

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

STATE	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.	D. P. METERS	D. M.	D. P. METERS						
Florida	(Biscayne Bay)												
	No. 14 "A" Red	None	25 46	513	80 10	1538	N.A.	Sextant Sept. 12, 1945	X	X		547	
	No. 15 Black	"	" "	631	" "	1559	"	"	X	X		847	
	No. 5 South Channel	"	" "	508	" "	1643	"	"	X	X		848	
	No. "1" So. Channel	"	" "	584	" 11	16	"	"	X	X		1248	
	No. 12 Red	"	" "	113	" 10	728	"	"	X	X		"	
	No. 1 "A" Black	"	" "	449	" 11	198	"	"	X	X		"	
	No. 3 Black	"	" "	400	" "	346	"	"	X	X		"	
	No. 11 Black	"	25 45	1800	80 10	482	"	"	X	X		"	
	No. 9 Black	"	" "	1690	" "	289	"	"	X	X		"	
	No. 8 Red	"	" "	1762	" "	38	"	"	X	X		"	
	Light Front Range	"	" "	1554	80 08	1125	"	"	X	X		"	
	" Rear Range	"	" "	1537	" "	1127	"	"	X	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 AIDS ~~OR CHARTED MARKERS~~ FOR CHARTS
Tampa Photogrammetric Office
Tampa, Florida

TO BE CHARTED
~~TO BE RE-RELEASED~~

STRIKE OUT ONE

24 May 1946

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

The positions given have been checked after listing by Russell J. Pate

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

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	SHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
				LATITUDE		LONGITUDE								DATUM
				°	'	°	'							
Light No. 23	Florida	Black	None	25 46	80 11	82	N.A.	Sextant Fix	Sept. 12, 1945	X	X	547 847 848		
"	"	No. 21 Fl. G. ev. 4 sec.	"	"	80 10	1293	"	"	"	X	X	1248		
Beacon No. 1	"	Black	"	"	"	1154	"	"	"	X	X	"		
" No. 2	"	Red	"	"	"	1199	"	"	"	X	X	"		
" No. 3	"	Black	"	"	"	1309	"	"	"	X	X	"		
" No. 4	"	Red	"	"	"	1329	"	"	"	X	X	"		
" No. 5	"	Black	"	"	"	1453	"	"	"	X	X	"		
" No. 6	"	Red	"	"	"	1468	"	"	"	X	X	"		
" No. 7	"	Black	"	"	"	1603	"	"	"	X	X	"		
Light No. 16	"	Fl. red ev. 3 sec.	"	"	81	144	"	"	"	X	X	"		
" No. 19	"	Fl. G. ev. 4 sec.	"	"	TO	891	"	"	"	X	X	"		
" No. 17	"	Fl. G. ev. 4 sec.	"	"	"	281	"	"	"	X	X	"		
Beacon "C"	"	Red	"	"	"	1624	"	"	"	X	X	"		
" No. 13	"	Black	"	"	"	1181	"	"	"	X	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.

for Coast Pilot

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OCEAN MARKERS FOR CHARTS

Tampa Photogrammetric Office
Tampa, Florida

TO BE CHARTED
~~TO BE CHARTED~~

STRIKE OUT ONE

24 May, 1946

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.

The positions given have been checked after listing by Russell J. Pate

Lt. Comdr. George E. Morris Jr.

Chief of Party

CHARTING NAME	STATE	Florida (Biscayne Bay)	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
					LATITUDE		LONGITUDE								DATUM
					°	'	°	'							
Light	No. 9	Main Channel	None	25 46	119	80 08	1217	N.A.	Sextant, Sept. 12, 1945	X	X		547		
"	No. 15	"	"	25 45	1471	80 07	1478	"	"	X	X		847		
"	No. 5	"	"	"	1357	"	1525	"	"	X	X		848		
Beacon	No. 2	Red	"	"	1720	80 08	1498	"	"	X	X		1248		
"	"	Red	"	25 46	1041	80 10	1623	"	"	X	X		"		
"	No. 69	Black	"	25 48	1538	"	914	"	"	X	X		"		
"	No. 71	Black	"	"	1042	"	1019	"	"	X	X		"		
"	No. 75	Black	"	"	173	"	1196	"	"	X	X		"		
"	No. 77	Black	"	"	1581	"	1287	"	"	X	X		"		
"	No. 79	Black	"	"	1161	"	1373	"	"	X	X		"		
"	No. 22	Red	"	"	316	"	1598	"	March 29, 1946	X	X		"		
"	No. 21	Black	"	"	143	"	1276	"	Sept. 12, 1945	X	X		"		
"	No. 20	2 1/2" Red ev. 4 sec.	"	"	107	"	1441	"	"	X	X		"		
"	No. 23	Black	"	"	347	"	1325	"	"	X	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 AIDS ~~BEACON~~ MARKS FOR CHARTS
Tampa Photogrammetric Office
Tampa, Florida

TO BE CHARTED }
TO BE DELETED } STRIKE OUT ONE

24 May 1946

I recommend that the following objects which have ~~(None)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(None)~~ the charts indicated.

The positions given have been checked after listing by Russell J. Pate

Lt. Comdr. George E. Morris Jr., 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. METERS	D. P. METERS	D. M. METERS	D. P. METERS						
STATE	Florida (Biscayne Bay)											
Beacon	No. 6 - Red	None	25 45	1747	80 09	1249	N.A.	Sextant Sept. 12, 1945			(547)	
"	No. 5 - Black	"	" "	1677	" "	730	"	"			(847)	
"	No. 3 - Black	"	" "	1643	" "	193	"	"			(848)	
"	Peninsular Channel, Range Front	"	" "	1608	" "	168	"	"	X		(1248)	
"	Peninsular Channel, Range Rear	"	" "	1594	" "	569	"	"	X		"	
Light	No. 11 Main Channel	"	25 46	400	" "	137	"	"	X		"	
"	No. 13 " "	"	" "	677	" "	723	"	"	X		"	
"	No. 15 " "	"	" "	974	" "	1349	"	"	X		"	
Beacon	No. 2 Red	"	25 47	132	" "	68	"	"	X		"	
Channel Marker	Piling	"	" "	1193	" "	72	"	"	X		"	
"	Piling	"	25 48	986	80 08	862	"	"	X		"	
"	"	"	" "	857	" "	1165	"	"	X		"	
"	"	"	25 47	1190	" "	1528	"	"	X		"	
Light	No. 14 Main Channel	"	25 46	163	" "	1008	"	"	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.

MAP T..... PROJECT NO..... SCALE OF MAP..... SCALE FACTOR.....

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -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)
✓ ARUNDEL 1934	449									
✓ ARUNDEL 1934 USE	450									
✓ BASE 1934	450									
BRIDG HOUSE,										
✓ Venetian 1934	453									
✓ CAUSEWAY 1934	450									
✓ COLLINS 1934										
✓ CONGRESS 1934	136									
✓ BUENA VISTA blow water tank final 1934	187									
✓ GWA MONUMENT 36th ST. Bay 1934										
✓ DE AU 1934	166									
✓ FLAMINGO HOTEL										
✓ DONE 1926	453									
✓ FIRE 1935	451									

MAP T..... PROJECT NO..... SCALE OF MAP..... SCALE FACTOR.....

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -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)
FISHERS ISLAND							
WATER TANK 1919	449						
FLAGLER MONUMENT 1934	456						
GULF STREAM	448						
APARTMENTS							
F.L.P. CO.	453						
TALL STACK							
F.L.P. CO. 1934	453						
LOW STACK							
BLACKSTONE HOTEL, CLOUET TOWER 1934	454						
LIBRARY 1934	449						
HOTEL FRITZ							
TOWER 1934	457						
MIAMI SAINT AGNES CHURCH	460						
MIAMI TEMPLE							
BAPTIST CHURCH 1935	460						
MIAMI, FIRST BAPTIST CHURCH	460						
DOME 1935							
MIAMI, TALLEST GAS TANK 1934	457						

MAP T. PROJECT NO. SCALE OF MAP SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -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)
MIAMI, CITY ICE COMPANY STACK 1935	461						
MIAMI, W Q AM RADIO MAST	459						
MIAMI, INGRAHAM BUILDING AIRWAYS	460						
BEACON 1935							
MIAMI, LAUNDRY							
✓ STACK 1935	463						
MIAMI, BEVERLY TERRACE HOTEL	463						
SUPOLA 1935							
MIAMI, SEABOARD BAKING CO.	464						
MIAMI POSTAL BUILDING	1935						
MIAMI, HIGHSCHOOL EAST FLAGPOLE	1935						
MIAMI, F.P.CO.	454						
Chimney 1934							
MIAMI 1928 COURTHOUSE	456						
MIAMI, ST. FRANCES HOSPITAL	1935						
MIAMI, FLORIDA 461 EAST COAST RAIL ROAD	461						
MIAMI, TWIN STEEL STACK	1935						

1 FT. = 3048006 METER

COMPUTED BY: _____ DATE: _____

CHECKED BY: _____ DATE: _____

M. 2388-12

MAP T: PROJECT NO. SCALE OF MAP SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR λ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
MIAMI, ROOSEVELT									
HO TEL yellow									
CUNNINGHAM 1935	462								
MIAMI CITY ICE COMPANY ALUMINUM STACK 1935	461								
MIAMI J.E. WITHERS BUILDING									
PENTHOUSE 1935	462								
MIAMI, WAGNER BREWERY SIGN									
1935	462								
MIAMI, FIRST TRUST COMPANY CUPOLA 1935	460								
MIAMI, DEARS ROBBICK Co. Tower 1934	456								
MIAMI BEACH									
CUPOLA	459								
MIAMI BEACH WATER TANK	166								
Flagpole on Top 1918									
MIAMI BEACH									
FLORIDAN HOTEL	461								
CUPOLA									
MIAMI BEACH NAUTILUS HOTEL									
NORTH TWIN TOWER 1934	457								
MIAMI BEACH NAUTILUS HOTEL South Twin Tower	458								
MIAMI BEACH RONEY PLAZA HOTEL	188								
CUPOLA 1928									

1 FT. = .3048006 METER

COMPUTED BY: _____ DATE: _____

CHECKED BY: _____ DATE: _____

M-2388-12

MAP T..... PROJECT NO..... SCALE OF MAP..... SCALE FACTOR.....

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -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)
PIER 1934	449						
POINT VIEW 1934	450						
PIER # 3 FLAG POLE 1934	456						
PALM ISLAND 1934	454						
PAVILION Flagpole							
SOUTH MIAMI BEACH WATER TANK (GREEN) 1928	455						
POINT 1918	166						
POWER 1935	451						
USE.							
PIER 1934	451						
(MIAMI BEACH DEANVILLE Casino South Tower) 1928							
NOTE	458						
SOTO (MIAMI BEACH DEANVILLE Casino South Tower) 1928	458						
REAR LIGHT							
MIAMI RIVER RANGE 1934							
REAR LIGHT							
MIDDLE RANGE 1934							

1 FT. = 3048006 METER
 COMPUTED BY:..... DATE.....
 CHECKED BY:..... DATE.....
 M-2388-12

