

Washington

8438

Diag'd. on Diag. Chts. 1248-2 & 1249

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey **TOPOGRAPHIC**

Field No. **T-8438** Office No. **T-8438**

LOCALITY

State **Florida**

General locality **Dade County**

Locality **Perrine**

194 6

CHIEF OF PARTY

Lieut. Comdr. G. E. Morris, Jr.

LIBRARY & ARCHIVES

DATE **May 24, 1948**

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Department of Commerce
U. S. Coast and Geodetic Survey

Refer to No. 73

LETTER TRANSMITTING RECORDS

Washington, D. C.
17 March 1948

TO: The Director
U. S. Geological Survey
Washington, D. C.

Attention: ~~Mr. R. L. Moseley~~ Mr. D. H. Watson
Chief, Cartography and Editing Section

Records of topographic mapping as listed below were forwarded to you by Messenger on 17 March 1948 for reproduction. Please receipt the original and return it to the Chief, Division of Photogrammetry of this Bureau, and retain the duplicate for your files. The items marked * should be eventually returned to this Bureau for our permanent files.

Date for Publication of $7\frac{1}{2}$ minute quadrangle
Ferrine, Florida (T-8438)

- 1 Manuscript
- 1 Sheet projection measurements
- 1 Glass negative

Note: The Descriptive Report for this quadrangle
will be forwarded on request

Received the above: _____

Date

B. S. Jones
for Chief, Division of Photogrammetry

Number

23

U. S. Geological Survey

8015'

5000

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Fla East Coast

SHEET NO. T-8438

LOCALITY Perrine, Dade County

PROJECT NO. CS-312-B

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

SCALE 1:20,000

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

Joins T-8435. Ck. ✓

CONTROL:

COMPUTED Slavney..... VERIFIED B.H. Lyon

PLOTTED B.H. Lyon..... VERIFIED M.M. Slavney

PHOTO PREPARATION:

CONTROL Slavney.....

AZIMUTHS

PASS POINTS Lyon.....

TEMPLETS Slavney..... VERIFIED Lyon.....

RADIAL PLOT:

PLOTTED BY Lyon..... DATE Apr. 1946

VERIFIED "..... DATE ".....

COMPILATION:

DETAIL POINTS C.H. Baldwin DATE Aug. 1946

DETAIL BY C.H. Baldwin DATE Sept. Oct. 1946

VERIFIED BY J.A. Giles DATE Oct. 1946

DATE OF PHOTOS 11/14/42

TIME OF PHOTOS 2:10 P.M.

2:40 P.M.

STAGE OF TIDE.....

+ 1.6

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

A comparison was made with topographic survey by CWA - quadrangle No. 266 where there was no primary control common to both quadrangles some roads and ditches failed to agree in position and azimuth. The shoreline is in good agreement with U.S.C. & G.S. Nautical Chart No. 848 bearing a print date of 27 October, 1945.

REMARKS.....

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

DATA RECORD

T-8438

Quadrangle (II): PERRINE
Declination 1°45' East

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

Field Office: Tampa, Fla.

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

Compilation Office: "

Chief of Party: "

Instructions dated (II III): 25 May 1945

Copy filed in Descriptive
Report No. T- (VI)

Div. of Photogr. Office Files

Completed survey received in office: 7 March 1947

Reported to Nautical Chart Section:

Reviewed: 26 November 1947 *Partially* applied to chart No. 849

Date: 10/24/47

Redrafting Completed:

Registered: *April* ~~2 March~~ 1948

Published:

Compilation Scale: 1:20,000

Published Scale: 1:24,000

Scale Factor: (III): None

Geographic Datum (III): N.A. 1927

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

Reference Station (III): BLACK POINT 2 1930

Lat.: 25° 34' 11.042 (339.8m) Long.: 80° 18' 10.669 (297.8m) ~~Adjusted~~
~~Unadjusted~~

State Plane Coordinated (VI): East Zone

X = 729,776.96 feet Y = 449,896.06 feet

Military Grid Zone (VI)

EXHIBIT (XIII)

<u>Year</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>	<u>Remarks</u>
11946	11/14/42	2:10 P.M.	1:20,000	+ 1.6
11947	"	"	"	"
11948	"	"	"	"
11949	"	"	"	"
11969	"	2:40 P.M.	"	"
11970	"	"	"	"
11971	"	"	"	"
11972	"	"	"	"
16340	4-27-46	9:40 AM	"	+ 0.6 Above MLW

WADO from (XIII) Ragged Keys, reference station, Mayport, Fla.

Mean Height 1.5 Depth Bottom 1.8

Observations (Kind of source) U.S. C. & G.S. 9-lens, 8 1/2" focal length

Field Inspection by E.M. Smith Dates Feb & Mar. 1946

Field Visit by John D. Weller Dates Jan. 1947

Date of Mean Height-1.50 and Depth-1.80 (XIII) Not recovered

Projection and Grid made by (XIII) Washington Office Date 6-25-46

 " " " checked by " " Dates "

Original Plotted by B.H. Lyon Dates Apr. 1946

Central checked by M.M. Slavney Dates Apr. 1946

Revised Plot by B.H. Lyon Dates Apr. 1946

Detailed by C.H. Baldwin Dates 9/10/46

Reviewed in compilation office by J.A. Giles Dates Oct. 1946

Revisions of field Memorandum
by J.A. Giles date: Oct. 1946

STATISTICS (III)

Land Area (Sq. Statute Miles); 31.5

Shoreline (More than 200 meters to opposite shore); 10.7

Shoreline (Less than 200 meters to opposite shore);

Number of Recoverable Topographic Stations established; None

Number of Temporary Hydrographic Stations located by radial plot; None

Leveling (to control contours) - miles; None

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:

CWA contoured sheets, numbers: 14 - Quad 266

15 - "

22 - "

23 - "

26 - "

27 - "

Filed in Div. of
Photoqr. General
Files

FIELD INSPECTION REPORT
TO ACCOMPANY
"FERRINE", QUADRANGLE T-8438

1. DESCRIPTION OF AREA:

This seven and one half minute quadrangle includes the area between latitude $25^{\circ} 30' 00''$ north and latitude $25^{\circ} 37' 30''$ north, between Longitude $80^{\circ} 15' 00''$ west and longitude $80^{\circ} 22' 30''$ in Dade County, Florida. Approximately 31.5 square statute miles of land area along the shore of Biscayne Bay is covered by the quadrangle, the balance of the area being water.

The shoreline area is very low, and is chiefly mangrove swamp. In the northeast part of the land area there is a low, wooded ridge, inland from the low shoreline area, extending roughly parallel to the shoreline from the north limit of the sheet to a point somewhat south of the middle latitude. Inland from this ridge in the northwest part of the land area there are low, wide, wooded ridges running roughly at right angles to the shoreline, separated by relatively narrow valleys. These valleys have generally been cleared and drained for cultivation, while the ridges, except for a few orchards, have relatively little cultivated area.

The southern part of the land area has a very gradual slope from the mangrove swamp at the shoreline to the lowlands which have been drained and placed under cultivation.

There is relatively little relief in this area, the highest elevations on the ridges being less than 20 feet above mean sea level.

The Florida East Coast Railroad and U.S. Highway No. 1, crossing the northwest corner of the quadrangle, are the principal transportation arteries. The unincorporated communities of Ferrine, Cutler and Peters lie within the quadrangle limits; the city limits of Coral Gables cross the northeast corner of the sheet; however, only water area lies within the City of Coral Gables on this sheet.

2 COMPLETENESS OF FIELD INSPECTION:

The field inspection on this quadrangle was accomplished by E. M. Smith, 25 February - 5 March 1946, in accordance with project and general field inspection instructions. The field inspection is believed to be complete.

3. INTERPRETATION OF THE PHOTOGRAPHS:

Sufficient notes have been made on the field inspection photographs to insure correct interpretation of the details. The mangrove growth along the shoreline appears on the photographs as a dense, rather dark gray background, somewhat mottled in the area of high growth.

The areas of soft wood on the ridges and cultivated ground in the low-lying sections need no comment. The areas of palmetto brush appear somewhat rough, of an intermediate gray tone, with occasional clumps showing as dark spots.

4 HORIZONTAL CONTROL:

A search was made for all the known horizontal control within the quadrangle; recovery cards and pricking cards have been submitted. Horizontal control recovered was established by the U.S. Coast and Geodetic Survey and by the Florida Geodetic Survey. Recovery of this control was accomplished by E.M. Smith, 25 February - 5 March, 1946.

5 VERTICAL CONTROL:

A search was made for all known vertical control, all of which was established by the U.S. C. & G.S. and by the Florida Geodetic Survey. No supplemental level lines were run, since the complete coverage of the quadrangle by the CWA survey of Dade County made extensive planetable contouring unnecessary. Vertical control was recovered by E.M. Smith, 25 February - 5 March 1946.

6 CONTOURS AND DRAINAGE:

This entire quadrangle was covered by the planetable sheets of the CWA survey of Dade County; see "Revision Contouring, CWA, Dade County" by Joseph K. Wilson for report on the general accuracy of these survey sheets.

The contours on the CWA sheets were visually checked in the field, and the 5' contours inked on the sheets. Additional contouring was necessary in numerous borrow pits, and along the roads and ditches, these details having been omitted by the CWA surveys. Borrow pits were contoured on the field photographs, contours along roads and ditches indicated, with their points of turning, on the planetable sheets and on the photographs. This work was done by B. F. Lampton, Junior, 17-30 March, 1946. *See the report attached at pages 5 and 6 of this field inspection report.*

7 MEAN HIGH-WATER LINE:

The shoreline inspection was made by W.H. Shearouse, 29-31 January, 1946 from a boat running close along the shore. The shoreline area is covered by dense mangrove swamp; since the actual high-water line falls within the mangrove swamp it could not be identified on the photographs. The limit of vegetation should be shown, indicating an indefinite shoreline. The only definite shoreline is at the points where seawalls have been built, as indicated on the field inspection photographs.

8 LOW-WATER LINE:

The low-water line, falling in the mangrove swamp noted in paragraph 7, could not be identified with the exception of a small area near Chicken Key.

9 WHARVES AND SHORELINE STRUCTURES:

All piers, seawalls and breakwaters were indicated on the field inspection photographs during the shoreline inspection.

10 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Partially submerged spoil banks along dredged channels have been noted on the photographs. Shoal areas were noted, but no limits could be clearly determined.

11 LANDMARKS AND AIDS TO NAVIGATION:

The only landmarks falling within the limits of this quadrangle is the cupola at Cutler; this structure is a triangulation station and is charted as a landmark. This cupola should be retained as a landmark; no new landmarks are recommended for charting.

The only fixed aids to navigation are the light and beacons northeast of Chicken Key; these were located by the three-point fix method with sextant angles by George E. Varnadoc.

12 HYDROGRAPHIC CONTROL:

No hydrographic control points were located since there were no identifiable points suitable for this use.

13 LANDING FIELD AND AERONAUTICAL AIDS:

There are no landing fields and no aeronautical aids within this quadrangle.

14 ROAD CLASSIFICATION:

All roads have been classified on the field inspection photographs in accordance with instructions of 30 June, 1945.

15 BRIDGES:

There are no navigable waterways within this quadrangle. The fixed bridges over the Goulds Canal in the southern part of the sheet have skiff clearance only.

16 BUILDINGS AND STRUCTURES:

All buildings and structures to be shown have been circled in red ink on the field inspection photographs, with appropriate notes where necessary. Buildings which should not be shown have been crossed out with green ink.

17 BOUNDARY MONUMENTS AND LINES:

A search was made for all section corners; those recovered were pricked on the photographs and pricking cards submitted.

For the city limits of Coral Gables, falling entirely in the water area in this quadrangle, see the excerpt from the "Charter of the City of Coral Gables, Florida", attached to the Field Inspection Report for quadrangle No. T-8434.

For the precinct boundaries refer to the map showing the voting precincts in Dade County; the precinct limits follow either roads or section lines.

18 GEOGRAPHIC NAMES: 814

Refer to project report on this subject submitted by Lowell I. Bass.

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

Approved and Forwarded

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

5

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 topc 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 E. Morris, Jr.
Chief of Party

COMPILATION REPORT
TO ACCOMPANY
"PERRINE", QUADRANGLE NO. T-8438

26 AND 27 CONTROL AND RADIAL PLOT:

A special report has been prepared by Mr. B.H. Lyon and submitted with quadrangle No. T-8436. Filed in Div. of Photogrammetry Gen'l. Files

28 DELINEATION:

The nine lens photographs used in delineating this quadrangle were clear and of good scale.

A number of streets and buildings were added to field photographs No. 11970 by the field party. The drafting of these streets and buildings was done by transferring the detail points from the office photographs to the field photograph and delineating from it.

The contours were taken from CWA quadrangle No. 266, sheets No. 14, 15, 22, 23, 26 and 27. A few additional contours in ditches and borrow pits were taken from the field prints.

The field inspection was adequate.

29 SUPPLEMENTAL DATA:

See report submitted by J.K. Wilson entitled "Revision Contouring CWA Dade County".

30 MEAN HIGH WATER LINE:

See field inspection report, paragraph No. 7.

31 LOW WATER AND SHOAL LINES:

Low water lines have been shown by blue dotted lines and shoal areas by blue dashed lines. The limits of shoal areas are an approximation.

32 DETAILS OFFSHORE FROM HIGH WATER LINE:

See field inspection report, paragraph No. 10:

33 WHARVES AND SHORELINE STRUCTURES:

All wharves and shoreline structures shown by the field inspection have been delineated accordingly.

34 LANDMARKS AND AIDS TO NAVIGATION:

No new landmarks appear on this quadrangle. The existing landmark: "Cupola" recovered by the field inspector is being submitted with his report, on Form No. 567.

35 HYDROGRAPHIC CONTROL:

See field inspection report, paragraph No. 12.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

See field inspection report, paragraph No. 13.

37 SECTION CORNERS:

Ten section corners recovered in the field have been shown on the map manuscript. Section lines will be added at the time of field edit.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

A comparison was made with that portion of CWA quadrangle No. 266 which is covered by this map manuscript.

Where ample primary control common to both quadrangles existed there were no important differences in position or detail. Where control was lacking the roads and ditches were a little out of position and slightly off in azimuth.

45 COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with U.S.C. & G.S. Nautical Chart No. 848 bearing a print date of 27 October 1945.

No discrepancies were noted; the shoreline being in good agreement.

Respectfully submitted,
Charles H. Baldwin
Charles H. Baldwin
Photo. Aid

Approved and forwarded:

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

FIELD EDIT REPORT

QUADRANGLE T-8438

PROJECT CS-312-B

"FERRINE"

Field edit of this quadrangle was accomplished during the first part of January 1947 by John D. Weiler, Photogrammetrist.

46. Methods.-In field editing the map manuscript, all roads were traversed by truck. Because of the network of roads, walking was necessary in only a few instances. Most of the cultural detail added to the map manuscript was plotted from topographic features. In some cases planetable methods were necessary.

The shoreline area and vegetation was checked by truck, driving to the shoreline where roads were available.

47. Adequacy of the MAP MANUSCRIPT.-The compilation of the data submitted was very good but the original field inspection was very poor. Almost every road was erroneously classified and there were numerous omissions of data visible on the photographs.

The transmission line running along the west portion of the quadrangle has been continued northward to the limits of the quadrangle on the map manuscript print.

The two section corners questioned on the discrepancy overlay were checked, and notations as to their proper placement made on the map manuscript print. Form 524 is being submitted for section corner $\frac{27}{34} \frac{26}{35}$ T56S, R40E.

The other section corner referred to in the description for CE 114, 1936 was not recovered as described. However, an iron pipe in the centerline of the road, north of the intersection described, was recovered and conforms with the section line to the west. This is the point pricked on Photograph 11971. A recovery card is submitted for CE 114, 1936.

The precinct line between precinct 87 and precinct 88 has been added to the map manuscript. The precinct line on the manuscript labelled as a division between precinct 110 and precinct 111 is in error. It is actually the division between precinct 88 and precinct 90 and has been changed accordingly.

The borrow pit located at approximate latitude $25^{\circ} 37'$ and approximate longitude $80^{\circ} 22' 28''$ was checked. The limits shown on the map manuscript are correct. There is a ten foot contour around the pit, but no five foot contour due to a water surface elevation of 5.5 feet.

There are three ten-foot depression contours located on the west portion of the quadrangle between latitudes $25^{\circ} 36'$ and $25^{\circ} 37'$ that were not

delineated from the C.W.A. sheets. These contours have been traced in red on the C.W.A. sheets and should be transferred to the map manuscript.

Attention is called to a five foot contour and intermittent drain beginning at the bridge over Black Creek on the Cutler Road and running northeasterly along the east edge of the cultivated area. This contour was omitted by the C.W.A. and our field inspection party. This contour was delineated on photograph 11970. Also in the same area, the planimetry of the C.W.A. sheets do not conform with the photographs, and it was necessary to cut back a ten foot contour that crossed the intermittent drain in two instances.

The areas in the east central portion of the quadrangle that have been classified as brush during the field edit are an everchanging factor and were classified as it actually existed during this edit.

A search was made for Triangulation Station "MUD, 1930" during the shoreline work of quadrangle T-8801 and it was not recovered. Form 526 is being submitted with this report. Also form 526 is being submitted for station "CE 114" which was not found.

48. Vertical Accuracy Test.-The vertical accuracy test of this quadrangle was done as a part of revision contouring of C.W.A. sheets. See report by Joseph K. Wilson.

14. Road Classification.-All roads were classified according to instructions dated 30 June, 1945.

18. Geographic Names.-The geographic names for this quadrangle are the subject of a special report by Lowell I. Bass.

49. Woodland.-The woodland breakdown of the quadrangle was good except for changes made since the photographs were taken.

The corrected copy of the map manuscript was reviewed by E. A. Anderson, Asst. Dade County Engineer. Mr. Anderson is thoroughly familiar with the area and could find no errors.

Respectfully Submitted


John D. Weiler
Photogrammetrist

Approved and Forwarded


Ross A. Gilmore, Chief of Party

ADDENDA FOR FIELD EDIT REPORT

QUADRANGLE T-8438

PROJECT CS-312-B

"PERRINE"

50. Public Land Lines.-Subsequent to the original field edit, a discrepancy overlay of the Public Land Line reconstruction was received from the Tampa Office.

The reconstruction was thoroughly checked and found to be accurate except for one change. The Section Corner 1 mile east of Perrine ($\frac{28}{33} \frac{27}{34}$, T55S-R4OE) was recovered and a Form 524 submitted. Since the quadrangle data had been previously submitted it was not possible to prick this corner on the photograph, but the information on the topographic card should permit accurate plotting.

The other corner questioned on the overlay ($\frac{34}{8} \frac{35}{3}$, T55S, T56S-R4OE) was not recovered. An iron railroad spike was found in the centerline of the road intersection but this could not be accurately identified as a section corner.

Respectfully Submitted

John D. Weiler
John D. Weiler
Photogrammetrist

Approved and Forwarded

Ross A. Gilmore
Ross A. Gilmore
Chief of Party

QUADRANGLE T-8438
Project CS-312-B

PUBLIC LAND LINES.

Section Lines have been shown on the front of the map manuscript in red acetate ink.

The lines were first constructed in red pencil and an ozalid print forwarded to the field party for field edit. The only correction made by the field edit party (for reference see Addenda for Field Edit Report) with the section line as shown on the C. W. A. Topographic Map.

A combination of General Land Office Plats, plats by 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, was used in the construction of section lines for this quadrangle.

Only a few section corners within the limits of this quadrangle were recovered in the field; however, because of the numerous roads and ditches that appear to fall on the section lines, very little difficulty was encountered in constructing the lines.

Plats by the General Land Office and by the Internal Improvement Fund were of little value. The latter cover only the shoreline in Township 57 South, Range 40 East. The C. W. A. sectionized topographic maps agree with our recovered corners and appear to be very good. They were used for comparison while constructing the section lines on this quadrangle.

Respectfully submitted,

William A. Rasure
William A. Rasure.

Approved and forwarded.

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

Division of Photogrammetry
Review Report of
Topographic Map Manuscript T-8438

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

26. Control.-

The triangulation stations shown on this map manuscript have not been listed in either the compilation report or the special report on control and radial plot. They are:

DA 107, 1936	CE 111, 1936	x 34, 1934
DA 109, 1936	CE 112	x 35, 1934
DA 110, 1936	CE 113	Z 67, 1934
DA 110B, 1936	CE 116	Black Point 3, 1930
DA 111, 1936	CE 117, 1936	Black Point 2, 1930
DA 112, 1936	CE 119, 1936	First, 1930
CE 61, 1936	CE 126	Cupola, 1930
CE 107, 1936	CE 140, 1936	
CE 109, 1936		

Station C. E. 61, 1936 was plotted in the Washington Office. See letter of 25 March 1947 attached to descriptive report.

28. Detailing.-

The alinement of Allapattah Road and Moody Drive was changed in the area where they intersect each other. This change was verified by the position of station CE 61 which falls in the intersection of these two roads.

Several notes were added to the map manuscript indicating the location and limits of seawall and bulkheads.

A drafting overlay has been prepared, by the reviewer, to aid in the smooth drafting and editing of this quadrangle. Marginal data on this overlay includes notes referring to woodland and road classification.

39. Junctions.-

The junction to the south with T-8801 on Project Ph-10(46) could not be checked at the time of this review, as the map manuscript for that quadrangle was at the Tampa Compilation Office for application of field edit corrections.

Junction checked.

KMM.

44. Comparison with Existing Topographic Surveys.-

The following surveys are superseded by the map manuscript in all common areas:

T-744	1:20,000	1852-3
T-745	1:20,000	1859
T-3760	1:10,000	1919
T-4540	1:20,000	1928
T-4576	1:20,000	1928
T-4563	1:20,000	1930
T-5626	1:10,000	1935

45. Comparison with Nautical Charts.-

848	1:40,000	6/22/46
849	1:40,000	1/27/47
1248	1:80,000	11/2/46
1249	1:80,000	3/24/47

Planimetric and shoreline details on the charts are superseded by those on T-8438 in all common areas. This map manuscript has been partially applied to nautical charts.

48. Vertical Accuracy Test.-

A vertical accuracy test was run for the adjacent quadrangle T-8437 on sheet 266-28 of the C.W.A. surveys.

On the basis of that test, ~~it is believed that~~ this map complies with the national standard map accuracy requirements.

Reviewed by:

Reviewed under direction of:

K. N. Maki
K. N. Maki
11-26-47

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

APPROVED BY:

B. J. Jones 4/48
Technical Assistant to the
Chief, Div. of Photogrammetry

W. C. Williams
Chief, Nautical Chart Br.
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

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

GEOGRAPHIC NAMES

Survey No.

T-8438

PERRINE, Fla.
Name on Survey

On Chart No.
On Previous survey No.
On U. S. quadrangle Maps
From local information
On local Maps
P. O. Guide or Map
Rand McNally Atlas
U. S. Light List

	A	B	C	D	E	F	G	H	K	
<u>Florida</u>									USGB	1
<u>Dade County</u>										2
<u>Biscayne Bay</u>									USGB	3
<u>U.S. No. 1</u> ✓										4
<u>Florida East Coast</u> ✓										5
<u>Waldin Drive</u> ✓										6
<u>Fender Point</u> ?										7
<u>Moody Drive</u> ✓										8
<u>South Allapattah</u> ✓										9
<u>South Allapattah Road</u> ✓										10
<u>Coconut Palm Drive</u> ✓										11
<u>Goulds Canal</u> ✓										12
<u>Black Point</u> ✓										13
<u>Black Creek</u> ✓										14
<u>Franjo</u> ✓										15
<u>Franjo Road</u> ✓										16
<u>Peters</u> ✓										17
<u>Eureka Drive</u> ✓										18
<u>Perrine</u> ✓										19
<u>Richmond Drive</u> ✓										20
<u>Outler Road</u> ✓										21
<u>Outler</u> ✓										22
<u>Chicken Key</u> ✓										23
<u>Coral Gables</u> ✓										24
										Names underlined in red are approved. 3/3/48 IH
										25
										26
										27