

8806

Diag'd. on Diag. Ch. No. 1249 1249

Form 504

## U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHICField No. T-8806 Office No. \_\_\_\_\_

## LOCALITY

State FLORIDAGeneral locality DADE and MONROE COUNTIESLocality KEY LARGO"BLACKWATER SOUND"1947

## CHIEF OF PARTY

Lieut. Comdr. George E. Morris Jr.

## LIBRARY &amp; ARCHIVES

DATE June 3, 1948

# RECORD SHEET

Div. of Photogrammetry  
Graphic Compilation Sect.

GENERAL LOCALITY Florida East Coast

LOCALITY Homestead - Key Largo

PHOTOS ORDERED 6 Jan. 1947  
REC'D 4 Feb. 1947

PROJECTION ORDERED 16 Dec. 1946  
REC'D

CONTROL:  
COMPUTED R.J. Pate VERIFIED R. Dossett  
PLOTTED R.J. Pate VERIFIED R. Dossett

PHOTO PREPARATION:  
CONTROL M.M. Slavney  
AZIMUTHS R.J. Pate

PASS POINTS R.J. Pate

TEMPLATES R.J. Pate VERIFIED M.M. Slavney

RADIAL PLOT:  
PLOTTED BY M.M. Slavney DATE 14 May 1947  
VERIFIED M.M. Slavney DATE 21 May 1947

COMPILATION: E.C. Andrews  
DETAIL POINTS DATE 19 May 1947  
19 May  
DETAIL BY E.C. Andrews DATE 15 July 1947  
VERIFIED BY J.A. Giles DATE July, 1947

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

Comparison with existing charts shows no changes

REMARKS

FORWARDED TO DATE

SHEET NO. T-8806

PROJECT NO. Ph-10(46)

SCALE 1: 20,000

Limits of Project  
Joins Ck

Joins T-8803 Ck  
Joins T-8807 Ck  
Joins T-8808 Ck

DATE OF PHOTOS 27-April 1946

TIME OF PHOTOS 8:46 - 9:30

STAGE OF TIDE 0.4, - 0.6

## DATA RECORD

T-T-8806

Quadrangle (II): Blackwater Sound, Florida Project No. (II): Ph-10(46)

Field Office: Stuart, Florida Chief of Party: Ross A. Gilmore  
Lieut. Comdr.Compilation Office: Tampa, Fla. Chief of Party: George E. Morris, Jr.  
Lieut. Comdr.Instructions dated (II III): 21 October 1946 Copy filed in <sup>Div. of Photogrammetry</sup> Descriptive Office Files  
Report No. T- (VI)

Completed survey received in office: 1-26-48

Reported to Nautical Chart Section:

Reviewed: 4-20-48 <sup>Partially</sup> Applied to chart No. 1249 Date: 10/17/47

Redrafting Completed:

Registered: 5-26-48

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): Blackwater, 1934

Lat.: 29° 11' 54.209" (1668.0m) Long.: 80° 26' 07." 287(204.0m) <sup>Adjusted</sup>  
~~Unadjusted~~

State Plane Coordinates (VI): Florida, East Zone

X = 686,702.69

Y = 314,735.22

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
16329	27 April 1946	9:18	1:20,000	Negligible
16330	"	9:20	1:20,000	"
16332	"	9:23	1:20,000	0.4 Outside
16333	"	9:30	1:20,000	Negligible
16313	"	8:46	1:20,000	0.6 Outside

Tide from (III): Mayport, Fla.

Mean Range: 0.8

Spring Range: 1.10

Camera: (Kind or source) U. S. C. & G.S. 9 lens

Field Inspection by: I.I. Saperstein

date: 28 Jan. 1947  
9 May 1947

Field Edit by: J. D. Weiler

date: Nov 1947

Date of Mean High-Water Line Location (III): March, 1947

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

" " " checked by: Washington Office date:

Control plotted by: R.J. Pate date: 6 Feb. 1947

Control checked by: M.M. Slavney date: 7 Feb. 1947

Radial Plot by: M.M. Slavney date: 14 May 1947

Detailed by: E. C. Andrews date: May-July 1947

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

Map Manuscript  
Elevations on ~~Photo Port Sheet~~  
checked by: J.A. Giles

date: July 1947

STATISTICS (III)

Land Area (Sq. Statute Miles): 13.5

Shoreline (More than 200 meters to opposite shore): 80.7 Statute miles

Shoreline (Less than 200 meters to opposite shore): 4.0 Statute miles

Number of Recoverable Topographic Stations established: 36

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: 5.6

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:

MAP T-8806

PROJECT NO. Ph-10(46)

SCALE OF MAP 1:20,000

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	
LONG,	1934 G.P. Agc. 365	N.A. 1927	25° 13' 27.190"	80 28 57.937				836.6 (1009.6)			
SOUND,	"	"	25 14 21.057	80 26 24.500				1621.7 ( 57.7)			
* MAIN KEY, 2, 1930 #360	"	"	25 14 47.702	80 23 47.515				647.9 (1198.3)			
CHANNEL, 1934	"	"	25 13 26.873	80 27 12.829				685.7 ( 993.5)			
* BAR, 1930 #366	"	"	25 13 09.796	80 25 07.528				1467.8 ( 378.4)			
SNIPE POINT, 1934 #323	"	"	25 11 57.974	80 29 52.796				1329.8 ( 349.4)			
DUCK KEY, 1855 #359	"	"	25 10 45.865	80 29 20.036				826.9 (1019.3)			
* BATTI, 1860 #364	"	"	25 09 36.697	80 27 44.005				359.1 (1320.4)			
TONY, 1860 #364	"	"	25 07 54.243	80 27 42.926				301.4 (1544.8)			
TARPON, 1934 #359	"	"	25 07 34.579	80 26 22.016				210.7 (1468.8)			
LARGO, SD 1852 #518	"	"	25 07 59.172	80 23 53.068				1783.9 ( 62.3)			
HULL KEY, 1852 #518	"	"	25 08 31.032	80 23 11.182				1478.1 ( 201.7)			
								1411.3 ( 434.9)			
								561.0 (1119.1)			
								1129.2 ( 717.0)			
								1232.4 ( 448.0)			
								1669.0 ( 177.2)			
								1202.4 ( 478.3)			
								1064.0 ( 782.2)			
								616.8 (1064.1)			
								1820.7 ( 25.5)			
								1486.5 ( 194.2)			
								954.8 ( 891.4)			
								313.2 (1367.4)			

1 FT. = 3048006 METER

COMPUTED BY: R.J. Pate

DATE 20 January 1947

CHECKED BY: R. Dossett

DATE

27 January 1947

M-2388-12

MAP T8806

PROJECT NO. Ph-10(46)

SCALE OF MAP 1:20,000

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		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
								FORWARD	(BACK)	
BUSH, 1934	G.P. No. 365	N.A. 1927	25 08	51.625				1588.4	( 257.8)	
			80 25	26.454				740.9	( 939.6)	
POINT, 1934	"	"	25 09	38.724				1191.5	( 654.7)	
*	"	"	80 23	45.963				1287.2	( 393.2)	
SHELL KEY 2, 1908	"	"	25 10	40.562				1248.1	( 598.1)	
	"	"	80 26	14.360				402.1	( 1278.0)	
BLACKWATER, 1934	"	"	25 11	54.209				1668.0	( 178.2)	
*	#360	"	80 26	07.287				204.0	( 1475.8)	
	"	"	25 11	28.901				889.3	( 956.9)	
CRAB POINT, 1854	#365	"	80 23	40.078				1122.1	( 557.8)	
	"	"	25 11	17.076				525.4	( 1320.8)	
CROSS KEY, 1934	"	"	80 24	14.094				394.6	( 1285.3)	
	"	"	25 10	58.464				1798.9	( 47.3)	
JEWFISH CREEK 1934	#360	"	80 23	15.988				447.7	( 1232.3)	
*JEWFISH CREEK	"	"	25 11	01.424				43.8	( 1802.4)	
E. TOWER, 1934	#366	"	80 23	16.907				473.4	( 1206.6)	
*JEWFISH CREEK	"	"	25 11	03.073				94.6	( 1751.6)	
W. TOWER, 1934	#366	"	80 23	19.275				539.7	( 1140.3)	
	"	"	25 09	43.196				1329.1	( 517.1)	
SPT 1861, 1909	#359	"	80 33	00.388				10.9	( 1669.4)	
MOAT 1860, 1934	"	"	25 08	53.762				1654.3	( 191.9)	
	#359	"	80 30	17.894				501.2	( 1179.3)	
	"	"	25 11	29.891				919.7	( 926.5)	
COCOA, 1934	#362	"	80 33	52.294				1464.1	( 215.8)	

1 FT. = 3048006 METER

COMPUTED BY: R.J. Pate &amp; M.M. Slavney

DATE 20 January 1947

CHECKED BY: R. Dossett

DATE 27 January 1947

M-2388-12





FIELD INSPECTION REPORT

TO ACCOMPANY

QUADRANGLE - 8806

"BLACKWATER SOUND"

PROJECT Ph-10 (46)

16 May 1947

1. DESCRIPTION OF THE AREA

This standard, 7 $\frac{1}{2}$ -minute quadrangle (N2507.5-W8022.5/7.5) includes a small section of the mainland, all of Shell Key, Boggy Key and Cross Key, part of Key Largo and all of Blackwater Sound, along with several smaller keys and bodies of water, all in Dade and Monroe Counties, Florida.

U. S. Hwy. 1 and the Key West water main run the length of Cross Key and thence down Key Largo. There are a few camps along the highway on Cross Key. Key Largo has numerous camps, fishing lodges, roadside restaurants, etc., and numerous small lime groves. Except for these areas the land within this quadrangle is entirely undeveloped.

The low-lying terrain of Boggy Key, Shell Key, and the mainland north of Long Sound is composed mainly of mud flats with scattered brush and mangrove, interspersed with many small ponds.

The shoreline in general is mangrove-covered marl, or mangrove growing in the water. The fast land is mainly white clay, with some coral shore and a few sand beaches.

The pipe line (water main) to Key West is above ground, supported on heavy piling above the water at the edge of the road shoulder, from the northern limits of the quadrangle to the crossing at Jewfish Creek. From that point south the pipe line is underground, paralleling the highway.

2. COMPLETENESS OF FIELD INSPECTION

The field inspection was done as a part of the planetable contouring and shoreline inspection; it is believed to be adequate except for public land lines (see paragraph 21). New buildings and cleared areas have been added to the photographs.

3. INTERPRETATION OF PHOTOGRAPHS

The very dark areas on the photographs are usually dense mangrove, as the land on each side of "The Boggies", photograph 16330.

The gray areas interspersed by streaks of black, as on Boggy Key, photograph 16330, are mud flats with scattered mangrove.

White areas within the land areas are ponds.

#### 4. HORIZONTAL CONTROL

All known horizontal control, consisting of U.S.C. & G.S. triangulation, was searched for, and all stations recovered were identified except the following, which could not be identified because of lack of definite details in the vicinities:

1. CROSS KEY, 1934
2. SNIPE POINT, 1934

Several U.S.E.D. stations were recovered, but were not used for horizontal control; they are discussed in paragraph 19.

#### 5. VERTICAL CONTROL

All known vertical control points, consisting of a first-order U.S.C. & G.S. level line along the former F.E.C. R.R. and numerous tidal bench marks, were searched for and all bench marks recovered were identified on the photographs. Most of the first-order bench marks were destroyed when the present road (U.S. Hwy. 1) was built over the former railroad right-of-way.

Fly level elevations were established by Wye level methods carrying elevations to the nearest hundredth. Points were set at identifiable points on the photographs and ~~numbered~~ <sup>numbered</sup> consecutively with the quadrangle prefix "BS".

#### 6. CONTOURS AND DRAINAGE

There is no discernable drainage pattern on the keys. The topography consists of an irregular coral ridge running down the northwest side of Key Largo. It rises rapidly from the edge of the mangrove, and the five-foot contour is usually within 100 to 200 feet from the edge of the hard land.

It should be noted that fly level elevations along U.S. Hwy. 1 northwest of Jewfish Creek show elevations less than five feet. These elevations, however, are on the road shoulder. The road crown is over five feet and there is a continuous five-foot contour along both sides of the road.

Contouring was done by planetable methods, with cross-sections run across Key Largo at intervals, sketching the contours with the aid of a stereoscope.

Contours are on photographs Nos. 16332 and 16333.

7. MEAN HIGH-WATER LINE

The MHWL was delineated on the photographs within the prescribed accuracy. In many cases the apparent shoreline, a dense growth of mangrove growing in the water, was shown. Wherever fast land appeared on the MHWL, tick marks were shown on the photographs at the beginning and end of the fast land.

In general, a boat was used and run as close inshore as possible to delineate the MHWL.

Shoreline notes for this quadrangle appear on photographs Nos. 16313, 16314, 16329, 16330, 16332 and 16333.

8. LOW-WATER LINE

Due to the small amount of fluctuation in the tide little attempt was made to delineate the MLWL except in areas where it was in evidence. Furthermore, where apparent shoreline has been indicated, the MLWL is also within the mangrove. Where the MLWL was shown on the photographs it was shown with the approximate low-water line symbol.

9. WHARVES AND SHORELINE STRUCTURES

One dock of significance appears on the southeast side of Blackwater Sound, with a few smaller ones in the same area. Another small dock appears at the south entrance to Jewfish Creek. All docks have been marked on the photographs.

A submarine cable runs across the south entrance to Jewfish Creek, at the bridge, as noted on the shoreline photograph.

The pipe line along U.S. Hwy. 1 crosses Jewfish Creek as a submerged line, and is indicated on the photograph.

10. DETAILS OFFSHORE FROM HIGH-WATER LINE

No offshore details requiring further investigation by a hydrographic party were noted. There are spoil banks along the Intracoastal Waterway channel in Tarpon Basin which can be delineated adequately from the photographs.

11. LANDMARKS AND AIDS TO NAVIGATION

There are no landmarks for charting within the limits of this quadrangle.

All fixed aids to navigation were located. Refer to Project Report for list and methods of location. Form 524 is submitted for each fixed aid.

Chart Letter 591, 1947. Copies of Forms 567 & Forms 524 are filed in Div. of Photogrammetry, General Files

12. HYDROGRAPHIC CONTROL

No hydrographic control signals were required in this project.

13. LANDING FIELDS AND AERONAUTICAL AIDS

There are no landing fields nor aeronautical aids within this quadrangle.

14. ROAD CLASSIFICATION

All roads were classified according to instructions dated 30 June 1945.

15. BRIDGES

There is one bridge within the quadrangle limits. This is a bascule bridge at the south entrance to Jewfish Creek; its clearances are noted on photograph 16333.

In "Coast Pilot Information, Intracoastal Waterway, Norfolk, Virginia, to Key West, Florida, May 1945, Serial No. 670," page 69, the horizontal clearance is given as 94 feet. This clearance has been decreased to 77 feet, due to the placing of bumper piling at each end of the submerged pipe line.

Discrepancies were also noted between clearances determined for this bridge and the values given in the U. S. Engineers "List of Bridges over Navigable Waters of the U.S.", dated July 1, 1941; these discrepancies have been reported to the local District Engineer (see copy of letter attached to this report).

16. BUILDINGS AND STRUCTURES

All buildings to be shown have been circled in red or, in cases of new construction, located by planetable and blocked-in with red. Buildings to be omitted have been deleted in green.

17. BOUNDARY MONUMENTS AND LINES

Parts of the Dade-Monroe County Line and the Everglades National Park boundary fall within this quadrangle. Refer to the Special Report on Boundaries, Project Ph-10 (46).

18. GEOGRAPHIC NAMES *814* Approved list filed in Div. of Charts, Geographic Names Section

See the Special Report on this subject for Project Ph-10 (46).

19. TOPOGRAPHIC STATIONS

Permanent, recoverable topographic stations were established at strategic points for future control use.

A number of U.S.E.D. control stations were recovered and described as topographic stations, since their order of accuracy was not known. One recovered station, "JEW (U.S.E.D.)", could not be identified on the photographs. Its position, believed to be at least equal to topographic station requirements, is given on Sheet 1, File No. 2-2-12.751, (N.A. 1927 Datum) of the U.S.E.D. plans to be submitted for the project.


20. SYMBOLS

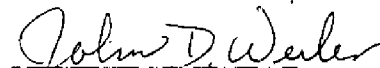
Symbols used may be found on the back of photograph No. 16332.

21. PUBLIC LAND LINES See Review Report


Refer to the Field Inspection Report for Quadrangle 8803 for a discussion of section lines on the mainland.

Right-of-Way plans for U.S. Hwy. 1 have been obtained from the State Road Dept., and should be of value in constructing section lines in this quadrangle, and in Quadrangles 8803 and 8808 as well. These plans were not received until after completion of the field inspection, and it was not considered practicable to send a field inspection party back to the area. It is believed that the State Road Dept. plans will enable the Compilation Office to construct the section lines to a degree such that the field edit party will have a more definite indication of the location of the corners, and can then make further search for any corners that may exist.

  
Irving I. Sapersstein  
Engineering Draftsman

  
John D. Weiler  
Photogrammetrist

APPROVED AND FORWARDED:

  
Ross A. Gilmore  
Chief of Party

Stuart, Fla.

5 June 1947

To: District Engineer  
Jacksonville District  
Corps of Engineers  
P. O. Box 4970  
Jacksonville 1, Fla.

Subject: Bridge clearance, Jewfish Creek

In the course of field work for our quadrangle T-8906 the clearance of subject bridge was determined, and found to differ from the clearance listed in the "List of Bridges over Navigable Waters of the U.S.", edition revised to July 1, 1941.

The clearances obtained by our measurements are listed below and are reported for your information. It should be noted that our horizontal clearance was measured between fender piles which protect the ends of the submerged pipe-line crossing on the north side of the bridge, and which govern the effective clearance. Vertical clearance was taken at the center of the span to an estimated mean high water as indicated on the fender piles.

1. JEWFISH CREEK, p. 880, Lat. <sup>11.0'</sup> 25 27.0', Long. 80 23.3';  
should read "B, 1 (span), (Horiz. Cl.) 77 ft.,  
(Vert. Cl.) 11 ft. (HW).

Lewis V. Evans, III  
Chief of Sub-party

- cc: 1. Director, Coast and Geodetic Survey  
2. Lt. Comdr. Ross A. Gilmore,  
Chief of Party  
3. Field Inspection Report, T-8906 ✓

COMPILATION REPORT  
TO ACCOMPANY  
QUADRANGLE "BLACKWATER SOUND"  
T-8806

26 AND 27 CONTROL AND RADIAL PLOT:

A special report was submitted to the Washington Office 29 May, 1947 by M. M. Slavney, Photogrammetric Engineer. Filed in Div of Photogrammetry, General Files

28 DELINEATION:

The Photographs were of good scale facilitating delineation; the field inspection was very complete and well done.

29 SUPPLEMENTAL DATA:

The county line between Monroe and Dade Counties was taken from a Dade County Map showing section line and the County line. The line shown checks the line as described in the special report on boundaries.

30 MEAN HIGH WATER LINE:

The mean highwater line was delineated according to field inspection notes.

31 LOW WATER AND SHOAL LINES:

Low water was shown wherever noted by the field inspector; shoal lines were shown when clearly visible on the photographs.

Shoal lines were removed during review. ~~time~~ They were of no value.

32 DETAILS OFFSHORE FROM HIGH WATER LINE:

No offshore details have been noted.

33 WHARVES AND SHORELINE STRUCTURES:

All wharves and shoreline structures recovered have been shown.

34 LANDMARKS AND AIDS TO NAVIGATION:

The non-floating aids to navigation were listed on form 567 together with Form 524. They have been located by radial plot when visible on the photographs and by theodolite when not visible.

There are no landmarks in this quadrangle.

35 HYDROGRAPHIC CONTROL:

Not applicable since instructions state that none need be established.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

There are no landing fields or aeronautical aids on this quadrangle.

37 BRIDGES:

The single bridge on the quadrangle is described as to type and clearances. The discrepancies between these clearances and those listed in "List of Bridges" have been reported to the "District Engineer of the U.S. Engineers."

*The change has been made on the Nautical Charts.*

38 SECTION CORNERS: See Review Report

No corners have been recovered and no attempt has been made to construct the lines. See a special report submitted by William A. Rasure, Photogrammetric Engineer accompanying quadrangle T-8803.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

None available.

45 COMPARISON WITH NAUTICAL CHARTS:

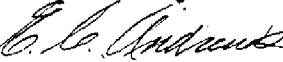
Comparison was made with Nautical Chart No. 849 bearing a print date 27 October 1945. No noticeable changes were noted with the exception of the following bridge.

(1) Jewfish Creek Bascule Bridge is shown on the chart with horizontal clearance of 94 feet.

The horizontal clearance is 77 feet and vertical clearance of 11 feet (closed).

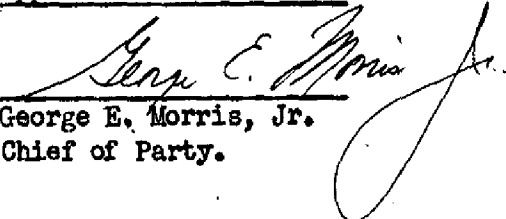
*See 37 above.*

Respectfully submitted,



E. C. Andrews,  
Photogrammetric Aid.

Approved and Forwarded:



George E. Morris, Jr.  
Chief of Party.



FIELD EDIT REPORT

QUADRANGLE T-8806

"BLACKWATER SOUND"

PROJECT Ph-10 (46)

Field edit of this Quadrangle was completed during November, 1947  
by John D. Weiler, Photogrammetrist.

46. METHODS

In field editing the map manuscript, all interior features were checked by truck, traversing all roads within the quadrangle. All shoreline was checked by using a small launch, keeping as close to the shore as possible. All Aids to navigation were visually verified. All data added to the map manuscript were either plotted from topographic details or cut in by planetable methods.

47. ADEQUACY OF THE MAP MANUSCRIPT

In general, the map manuscript was well compiled, adequate and correct. Most of the field edit notations are changes which have been made since the date of the original field inspection. The field edit notes are in most instances self explanatory.

All roads were reclassified according to Photogrammetry Instructions No.10 and amendment dated 24 October 1947.

The county line was changed slightly to agree with the legal description and local information.

For information regarding the status of The Everglades National Park, see Field Edit Report for quadrangle T-8808.

Tarpon Basin Daybeacon 44 had been recently repainted and erroneously numbered 42. This feature was reported to the Coast Guard and will undoubtedly be corrected within a short time.

48. VERTICAL ACCURACY TEST

No vertical accuracy tests were specified for project Ph-10 (46). Visually, the contours appear to have good placement.

49. PUBLIC LAND LINES

See field edit report of Quadrangle T-8804 relative to this item.

The map manuscript was reviewed by William Turner, owner of the Key Largo Grill and a resident for the last 15 years. He was highly familiar with the area and could find no errors.

*John D. Weller*  
John D. Weller  
Photogrammetrist

Supervised:

*William A. Rasure*  
William A. Rasure  
Photogrammetric Engineer

Approved and Forwarded:

*Ross A. Gilmore*  
Ross A. Gilmore  
Chief of Party

*The authority used by the field editor to review this sheet appears rather unqualified to me but it is supposed that in this area it is rather difficult to find anyone of a higher calibre to do so.*

*RAG*

Division of Photogrammetry  
Review Report of  
Topographic Map Manuscript T-8806

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

26. Control.--The triangulation station Tony, 1860 was removed from the map manuscript. The station marker was found out of position by the field party.

Tony, Reference Mark 2, 1860, has been changed from a topographic station to a triangulation station on the map manuscript to replace Tony, 1860.

28. Detailing.--The position of the Everglades National Park boundary was changed to conform with the legal description.

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

34. Landmarks and Aids to Navigation.--Forms 567 have been filed in the Nautical Charts Section for 19 aids to navigation, Chart Letter 591, 1947. Copies of these forms are filed in the Division of Photogrammetry, General Files, in a special report for the project.

The position for Jewfish Creek, Day beacon 31 was corrected on the Forms 567 and 524. The change was reported to the Nautical Charts Section.

38. Section Lines.--The project instructions call for section lines to be shown in this area. The field editor indicated in his report for T-8804 that, because of the lack of information concerning public land lines in this project, they should not be shown. Since the field edit, G. L. O. plats and the Right-of-Way plans for Highway No. 1 have been obtained. The land lines have been plotted during review, over the entire project area using the following sources of information:

1. Recovered section corners and sub-corners

Ax sufficient number of corners were recovered in the area covered by T-8817 to accurately plot the section lines.

Only two section corners, 3 quarter corners and three points on section lines were recovered in the remainder of the project. All of these points were held. ~~except one corner that held on only one section line.~~

2. Roads, fence and woods lines that were visible on the photographs. Those lines that nearly coincided with the section lines from other sources, were accepted.

3. Right-of-Way plans for Highway No. 1

These plans furnished the position of the land lines in the area covered by T-8806. The positions of the lines were measured from points recognizable on the plans and the quadrangle. Two lines that do not check with the plats are shown by dashed lines on T-8806.

4. Map made for the Republic Oil Company.

The azimuths for the section lines were taken from this survey and extended. The position of the section lines relative to a test oil well west of Glades Canal was accepted and the section lines between this point and the recovered corners were evenly spaced on T-8803. These positions checked closely with the Highway No. 1 plans.

5. G. L. O. Plats.

Plats were obtained for the entire area except T-575, R40E. The G. L. O. had no record of this plat and the area is assumed to be unsurveyed.

There are 2 sets of plats covering the keys north of Key Largo. The set that shows the land lines in closer conformance with the apparent lines on the photographs and the recovered corners has been used.

The plotted lines on the quadrangle were compared with the plats and no major discrepancies were noted except the section lines that are shown by dashed lines on the map manuscript.

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

44. Comparison with Existing Topographic Surveys.---

T-574	1:20,000	1855
T-747	1:20,000	1859
T-758	1:20,000	1859
T-1154	1:40,000	1859
T-4562	1:20,000	1930
T-4601	1:20,000	1928
T-5538	1:20,000	1935
T-6359a	1:20,000	1935

These surveys are superseded in common area and detail by T-8806.

45. Comparison with Nautical Charts.--

Chart No. 849	1:40,000	1939 Corr. 1948
Chart No. 1249	1:80,000	1937 Corr. 1947

The map manuscript has been partially applied to the nautical charts.

Two small boat basins shown on the map manuscript at Anglers Park are not shown on the charts.

48. Vertical Accuracy Test.--See Field Edit Report.

49. Overlays.--An overlay was prepared indicating the marginal data, road classifications and route numbers, road destinations and distances, selected spot elevations, triangulation stations and aids to navigation that are to be shown by the smooth draftsman.

Reviewed by:

Charles Theurer  
C. Theurer  
4-28-48

Approved by:

<u>S. V. Griffith</u> S. V. Griffith, Chief, Review Sec. Div. of Photogrammetry	<u>H. Sturtevant</u> Chief, Nautical Chart Branch Division of Charts
<u>K. T. Adams</u> Chief, Div. of Photogrammetry	<u>C. K. Green</u> Chief, Div. of Coastal Surveys

# GEOGRAPHIC NAMES

Survey No.

T-8806

BLACKWATER SOUND, Fla.  
1 Name on Survey

	A	B	C	D	E	F	G	H	K	
<u>Florida</u>									USGB	1
<u>Dade County</u>										2
<u>Monroe County</u>										3
<u>U.S. No. 1</u>										4
<u>Florida Bay</u>										5
<u>Everglades National Park</u>										6
<u>Julia Island</u>										7
<u>Largo Sound</u>										8
<u>North Sound Creek</u>										9
<u>Key Largo</u>										10
<u>Anglers Park</u>										11
<u>Dusenbury Creek</u>										12
										13
<u>Bush Point</u>										14
<u>Tarpon Basin</u>										15
<u>Grouper Creek</u>										16
<u>Little Duttonwood Sound</u>										17
<u>Whaleback Key</u>										18
<u>Porjoe Key</u>										19
<u>Boggy Key</u>										20
<u>Blackwater Sound</u>										21
<u>Duck Key</u>										22
<u>The Boggies</u>										23
<u>Shell Key</u>										24
<u>Snipe Point</u>										25
<u>Shell Creek</u>										26
<u>Long Sound</u>										27

(names report recommends this form, altho the family in vicinity spell it also Dusenberry: man for whom it was named used this form)

(not Rocky Creek)

# GEOGRAPHIC NAMES

Survey No. 7-8806

2 Name on Survey

A

B

C

D

E

F

G

H

K

On Chart  
No.

On previous survey  
No.

On U. S. Quadrangle  
Maps

From local  
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

Long Sound Pass

1

Chammel Point

2

Manatee Creek

3

Little Blackwater Sound

4

Blackwater Pass

5

Cross Key

6

Snake Point

7

Sexton Cove

8

Stillwright Point

9

Jewfish Creek

10

Lake Surprise

11

Largo Point

12

Barnes Sound

13

Division Point

14

Cormorant Rookeries

15

Bay Point

16

Manatee Bay

17

Main Key

18

19

20

Names underlined in red are  
approved. 3/30/48 L. Heck

21

22

23

24

25

26

27

## NAUTICAL CHARTS BRANCH

SURVEY NO. 7-8806

### Record of Application to Charts

[illegible]

M-216g-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.