

8801

8801

Diag'd. on Diag. Ch. 1249

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

"Arsenicker Key"

Field No. T-8801 Office No. _____

LOCALITY

State FLORIDA

General locality DADE COUNTY

Locality LOWER BISCAYNE BAY

1947

CHIEF OF PARTY

Lieut. Comdr. George E. Morris Jr.

LIBRARY & ARCHIVES

DATE June 23, 1948

DATA RECORD

T-8801

Quadrangle (II): Arsenicker Key, Florida Project No. (II): Ph-10(46)

Field Office: Stuart, Fla. Chief of Party: R.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 ^{Div. of Photogrammetry -} Descriptive Office File
Report No. T- (VI)

Completed survey received in office: 12-30-47

Reported to Nautical Chart Section:

Reviewed: 5-20-48 Partially Applied to chart No. 849 Date: 10/27/47
1249 10/17/47

Redrafting Completed:

Registered: 6-11-48 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): Man - 1930

Lat.: 25° 23' 40."02(1231.4m) Long.: 80° 18' 57."55(1608.6m) Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): Florida, East Zone

X = 725,811 feet Y = 386,170 feet

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
16336	4/27/46	9:35	1:20,000	----
16337	4/27/46	9:36	1:20,000	----
16338	4/27/46	9:37	1:20,000	----
16340	4/27/46	9:40	1:20,000	0.7
16341	4/27/46	9:45	1:20,000	0.7
16342	4/27/46	9:47	1:20,000	0.7
16343	4/27/46	9:49	1:20,000	0.7
16347	4/27/46	9:59	1:20,000	0.7
16318	4/27/46	8:54	1:20,000	1.0

Tide from (III): Adams Key - Mayport Reference Station

Mean Range: 1.3

Spring Range: 1.6

Camera: (Kind or source) U.S. C. & G.S. 9-lens, 8 $\frac{1}{4}$ " focal length

Field Inspection by: J.E. Hundley
date: 1 December '46 to 15 March, 1947

Field Edit by: J. D. Weiler
date: Oct. 1947

Date of Mean High-Water Line Location (III): December 1946

Projection and Grids ruled by (III) TLJ
date: December 1946

" " " checked by: TLJ
date: December 1946

Control plotted by: R.J. Pate
date: 5 February 1946

Control checked by: R. Dossett - M.M. Slavney
date: 6 February 1946

Radial Plot by: M.M. Slavney
date: 4 April, 1947

Detailed by: C.H. Baldwin
date: April 1947 to May 1947

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

Map Manuscript
Elevations on Field Sheet
checked by: C. Theurer
date: June 1947

STATISTICS (III)

Land Area (Sq. Statute Miles): 25.1

Shoreline (More than 200 meters to opposite shore): 16

Shoreline (Less than 200 meters to opposite shore): 8.7 (in canals)
(double line canals only)

Number of Recoverable Topographic Stations established: 15

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: 9.4

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. 8801

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
				FORWARD	(BACK)		FORWARD	(BACK)	
✓ DA-114 1936	Dade Co. File Page 9	N.A. 1927	y 418,958.47 x 707,204.87	8,958.47	(1,041.53)		2730.5	(317.5)	
✓ DA-114b 1936	"	"	y 413,552.52 x 707,285.72	7,204.87	(2,795.13)		2196.0	(852.0)	
✓ DA-127 1936	"	"	y 410,938.61 x 715,344.64	3,552.52	(6,447.48)		1082.8	(1965.2)	
✓ FARE 1935	"	"	y 410,979.04 x 717,911.51	7,285.72	(2,714.28)		2220.7	(827.3)	
✓ TURKEY POINT "2 1930	G.P. Access 322	"	Lat. 25° 26' 18.236" Long. 80° 19' 03.837"	938.61	(9,061.39)		286.1	(2761.9)	
✓ NICK 1930	"	"	25 24 21.509 80 18 00.702	5,344.64	(4,655.36)		1629.0	(1419.0)	
✓ MAN 1930	"	"	25 23 40.02 80 18 57.55	979.04	(9,020.96)		298.4	(2749.6)	Station, 18' marks and azimuth mark all loc. (1946)
✓ CE-100, 1936	Dade Co. File Page 28	"	y 405,560.6 ft. x 715,358.5 ft.	7,911.51	(2,088.49)		2411.4	(636.6)	
✓ CE-139, 1936	"	"	y 421,684.7 x 709,840.5				561.1	(1285.1)	
	Note: The following stations were reported lost by the field party and are not shown on the map manuscript.						107.2	(1569.3)	
							661.9	(1184.3)	
							19.6	(1657.4)	
							1231.4	(614.8)	
							1608.6	(68.5)	
							1694.9	(1353.1)	
							1633.3	(1414.7)	
							513.5	(2534.4)	
							2999.4	(48.6)	
CE-71, 1936	Dade Co. File Page 27	"	421,652.7 ft. 706,712.1 ft.						

1 FT. = 3048006 METER

COMPUTED BY: R.J. Pate

DATE Jan 14, 1947

CHECKED BY: M.M. Slavney
R. D. SlavneyDATE 14 Jan. 1947
2/3/47

M-2388-12

MAP T. 8801

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	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
CE-83, 1936	Dade Co. Fla. G.S. Page 27	M.A. 1927	416,344.4 709,756.8							
CE-84, 1936	"	"	416,343.0 711,745.1							
CE-85, 1936	"	"	416,323.8 712,127.2							
CE-97, 1936	" Page 28	"	405,499.6 707,349.9							
CE-98, 1936	"	"	405,518.8 710,025.1							
CE-102, 1936	"	"	410,947.2 715,310.0							
CE-105, 1936	"	"	421,776.4 715,200.4							
CE-106, 1936	"	"	424,569.8 715,171.8							
✓ DA-112-B, 1936	Dade Co. FWA File Page 9	"	424,293.37 707,164.45	4,293.37 (5,706.63) 7,164.45 (2,835.55)			1308.6 (1739.4) 2183.7 (864.3)			
DA-113, 1936	"	"	421,607.30 707,197.77							
DA-114a, 1936	"	"	416,288.86 707,263.18							
DA-116a, 1936	"	"	410,877.89 707,305.53							

* This station was
not recovered by the
field inspector but
since it was recovered
on T-8438, it may be
is being shown on
the map manuscript.

1 FT. = 3048006 METER

COMPUTED BY: R.J. Pate

DATE Jan. 14, 1947

CHECKED BY: M.M. Slavney

DATE Jan. 14, 1947

M-2388-12

[illegible]

FIELD INSPECTION REPORT
TO ACCOMPANY

QUADRANGLE T-8801
ARSENICKER KEYS

PROJECT PH-10 (46)
18 APRIL 1947

1-DESCRIPTION OF THE AREA:

This standard, 7 $\frac{1}{2}$ -minute quadrangle (N 2522.5-W 8015/7.5) lies in the Southern part of Dade County, Florida, east of the city of Homestead, on Biscayne Bay. Its area is approximately one-third land and two-thirds water.

The Eastern two-thirds, falling in Biscayne Bay, includes Arsenicker Keys and part of ~~Little~~ Totten Key, all small, undeveloped, wooded islands.

Of the mainland area, the shoreline zone is predominately mangrove swamp; the northern part, north of the Florida City Canal and inside the mangrove area, is devoted to the growing of vegetables, soil composition being muck and marl. This cultivated area is traversed by numerous roads and drainage canals, the roads all having been built up from 0.5 to 4.0 feet higher than the natural terrain.

South of the Florida City Canal the land within this quadrangle is entirely gladeland, with mangrove swamp along the shoreline and sloughs changing to scattered mangrove and grass to grass and brush hummocks toward the interior.

2-COMPLETENESS OF FIELD INSPECTION:

Field Inspection in this area was done in the course of planetable contouring; it is believed to be complete and adequate for compilation.

Field Inspection notes are on photographs Nos. 16341, 16342, 16343 and 16318 (#1).

3-INTERPRETATION OF PHOTOGRAPHS:

For a discussion of the interpretation of the gladeland area see the report for quadrangle 8803. Other photographic details within this quadrangle are readily interpreted and require no discussion. Filed in Div. of Photogrammetry
General Files

4-HORIZONTAL CONTROL:

Horizontal control in this quadrangle consists of U.S.C. & G.S. triangulation and Florida Geodetic Survey traverse. All known stations were searched for.

One U.S.C. & G.S. triangulation station was identified for photographic control; two triangulation stations, NICK 1930 and MAN 1930, were recovered but not identified since no objects could be identified for use as substitute points.

Of the Florida Geodetic Survey traverse stations, two were identified, giving adequate control for the area.

Control identification is on field photographs Nos. 16341 and 16342.

5-VERTICAL CONTROL:

All known Vertical Control was searched for and consists only of third-order levels run by the Florida Geodetic Survey in 1936.

Nine and four tenths (9.4) miles of 4th order levels were run in the area to supplement the bench marks recovered.

All level lines with closures greater than 0.30 ft. were adjusted. Level notes are recorded in Vol. 1, Wye Levels, Project PH-10 (46). Filed in Div. of Photogrammetry, General Files.

6-CONTOURS AND DRAINAGE:

Contouring was done by the planetable method, directly on the photographs and consisted entirely of determining the elevations of the roads since elevation of the natural terrain north of the Florida City Canal had previously been established by the Florida Geodetic Survey and found to be entirely below 5 feet.

The low elevation of the area south of the Florida City Canal, Approximately 2.0 feet maximum, was established by planetable traverse in T8817 near its junction with this quadrangle.

In the keys, the only contour is on Totten Key. Spot elevations in the other keys were considered too expensive to be justified, since they are mostly mangrove, hence very low.

The only definite drainage in the area is through the canals and ditches. There are numerous sloughs through the mangrove and gladeland areas, but the elevation of the terrain is so low that these have relatively little effect as drainage.

Contouring is shown on photographs Nos. 16341, 16342, and 16318 (#2). Contours have been shown with blue ink on the photographs.

7-MEAN HIGH-WATER LINE:

The shoreline is predominately mangrove, the apparent shoreline having been indicated at the edge of solid mangrove. Where the

shoreline is fast land the actual MHWL has been indicated, with short ticks marking the points of change between actual MHWL and apparent shoreline.

In general, a small boat was used and passed as close inshore as possible to inspect the shoreline.

All shoreline notes are on photographs Nos. 16318 (#1), 16341, 16342, 16343, and 16347.

8-LOW-WATER LINE:

In most cases the low-water line is inside the mangrove and therefore indeterminate. Where there is a low-water line that could be determined it has been indicated by the symbol for approximate low-water line.

9-WHARVES AND SHORELINE STRUCTURES:

There is a small boat basin in North Canal, with a wharf and moorings for small boats. A marine railway for small boats is located at the west end of Mowry Canal; it is operated by a hand winch, and will accommodate boats up to about 30 feet in length. *adjacent to Biscayne Bay*
falls just west of this map
could not locate either of these features on prints of topo sheets. Source: 10/27/47

10-DETAILS OFFSHORE FROM HIGH-WATER LINE:

Further investigation by the hydrographic party should be made of the following shallow areas, which are either awash at or slightly above low water:

1. The spoil bank east of Long Arsenicker Key (photo 16318)
2. The area between "Pelican Bank Lt. 1" and "Pelican Bank Daybeacon 2". (Photo 16342)

Several spoil banks along the canals extend off-shore and have been noted on the shoreline inspection photographs.

11-LANDMARKS AND AIDS TO NAVIGATION:

There are no landmarks for charting within the limits of this quadrangle. See Review Report, + Chart Letter 18, 1948

Chart Letter 591, 1947

All fixed aids to navigation were located within the area of the quadrangle. Refer to project report, Fixed Aids to Navigation, for list and methods of location. Attention is called to Cutter Bank Lt. 9, which was destroyed in the Sept. 1945 hurricane. It is "temporarily" replaced by a lighted buoy, but will eventually be rebuilt. The field edit party should check status of this aid at time of final edit. Still replaced by buoy at the time of Field Edit

12-HYDROGRAPHIC CONTROL:

Inapplicable.

13-LANDING FIELDS AND AERONAUTICAL AIDS:

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

14-ROAD CLASSIFICATION:

All roads have been field inspected and classified, according to instructions of 30 June 1945, on the field inspection photographs. Field roads not to be shown have been crossed out with green ink. *Reclassified by Field Editor*

15-BRIDGES:

There are ~~no~~ bridges over navigable waterways within the limits of this quadrangle.

16-BUILDINGS AND STRUCTURES:

All buildings and structures have been classified and delineated according to instructions for the project.

Buildings to be shown on the map have been circled in red on the field inspection photographs; those not to be shown have been crossed out in green.

17-BOUNDARY MONUMENTS AND LINES:

This quadrangle lies entirely within Commissioners District No.4, Dade County, Florida.

The following boundary lines fall wholly or in part, within this quadrangle:

- A. Homestead Bayfront Park (a. Dade County Park)
- B. Limits of Election Precincts 90, 91 and 92.

For descriptions and determination of these boundary lines see Special Report-Boundaries, Project PH-16 (46).

18-GEOGRAPHIC NAMES:

Approved list filed in Div. of Charts, Geographic Names Section. Copy also attached to this report.
This will be the subject of a Special Report to be submitted for the project as a whole.

19-TOPOGRAPHIC STATIONS:

Permanent recoverable topographic stations were established using standard bronze topographic disks or natural objects, such as chimneys.

Stations were spaced so that, with the triangulation stations previously established, control stations for future use are available at about 1-mile intervals.

Forms 524 filed in Div. of Photogrammetry, General Files

20-SYMBOLS:

Symbols used have been shown on the back of field photograph No. 16341.

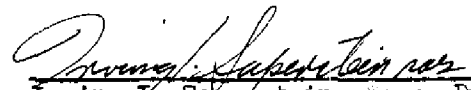
21-PUBLIC LAND LINES: See Review Report for T8806.
T 57 S, R 40 E Unsurveyed by G.L.O.

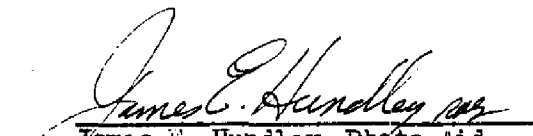
The following points were recovered, authority being the Topographical Map of T57S-R40E prepared by the Dade County Engineer:

CE 86 - point on section line (not a corner)
CE 100- " " " " (" " ")
CE 139- Section Corner.


It is believed that the map previously mentioned, which is the most authoritative of any information available, gives sufficient data for constructing section lines in the area north of the Florida City Canal.

The General Highway and Transportation Map, Dade County, prepared by the Florida State Road Dept, Div. of Research and Records, shows that part of this quadrangle lying south of the Florida City Canal as "Unsurveyed by General Land Office." According to reputable, long-established, local engineers and surveyors that is correct, there being no corners in the area. Any sections shown on other maps are theoretical layouts, "paper work", only.


Irving Y. Saperstein, Engr. Draf


James E. Hundley, Photo.Aid

Approved and forwarded:

 5/6/42
Ross A. Gilmore, Chief of Party

COMPILATION REPORT
TO ACCOMPANY
ARSENICKER KEY, QUADRANGLE T-8801

26 AND 27. CONTROL AND RADIAL PLOT:

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

28. DELINEATION:

The nine lens photographs covering this quadrangle were of good scale.

The field inspection was adequate. Most of the prominent streams in the gladeland and mangrove areas have been shown as intermittent streams.

29. SUPPLEMENTAL DATA:

One C.W.A. quadrangle No. 271 sheet 3. Topographical map of township 57 south Range 40 East, Dade County, Fla.

30. MEAN HIGH WATER LINE:

See Field Inspection Report item No. 7.

31. LOW WATER AND SHOAL LINES:

See Field Inspection Report Item No. 8.

32. DETAILS OFFSHORE FROM HIGHWATER LINE:

See field inspection report item No. 10.

33. WHARVES AND SHORELINE STRUCTURES:

See field inspection report item No. 9.

34. LANDMARKS AND AIDS TO NAVIGATION:

See field inspection report item No. 11. *(The project report has not been received, 23 June 1947. will be incorporated after field edit.)* *W.A.S.*

35. HYDROGRAPHIC CONTROL:

None recovered by field party.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

None within the limits of this quadrangle.

37. PUBLIC LAND LINES: See Review Report for T 8806

Section lines have been constructed on the front of the map manuscript in yellow pencil. They will be inked after field edit.

Only the north portion of the quadrangle, which falls in Township 57 South, Range 40 East, was constructed. The southern part of the quadrangle has been labeled unsurveyed by General Land Office. (Reference, Paragraph 21, of Field Inspection Report).

38. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

A comparison was made with that portion of CWA quadrangle No. 271 which is covered by the map manuscript. The area proved to be in good agreement.

39. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with U.S. C. & G.S. Nautical Chart No. 849 bearing a print date of 27 October, 1945. No discrepancies were noted; the shoreline generally, being in good agreement.

Respectfully submitted,

Charles H. Baldwin

C.H. Baldwin,
Engr. Draftsman

Approved and Forwarded:

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

FIELD EDIT REPORT

QUADRANGLE T-8801

"ARSENICKER KEY"

PROJECT Ph-10(46)

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

46. METHODS

In field editing the inshore features of the map manuscript, all roads were traversed by truck. The shoreline was edited by small boat keeping as close as possible to the shore. Data added to the map manuscript were plotted from topographic features or cut in by planetable methods. All aids to navigation were visually checked.

47. ADEQUACY OF THE MAP MANUSCRIPT

The map manuscript was adequate and correct except for a few minor changes.

In general, the mangrove area reached farther inshore than compiled. Appropriate changes have been made on the map manuscript since the areas are indeterminable on the aerial photographs.

Roads have been reclassified according to Photogrammetry Instructions No. 10 prior to the amendment of 10-24-47.

No changes in shoreline were noted.

It was almost impossible to obtain lowland elevations as requested since the area was inundated with 2 feet of water at the time of field edit. Elevations of the general area range from 0.5 feet to 2.5 feet.

48. VERTICAL ACCURACY TEST

No vertical accuracy test was specified for this quadrangle. The nearest vertical accuracy test was run on quadrangle T-8817 to the west as a part of revision contouring Dade County CWA Sheets by Joseph K. Wilson.

49. PUBLIC LAND LINES

No additional section corners were recovered, although a search was made. The reviewer asks if certain Florida Geodetic Survey control stations are section corners. There is no way of determining whether these stations are section corners, since well informed land surveyors in the area are not positive.

The quadrangle manuscript was reviewed by Mr. Citili of South Dade Farms who owns considerable farmland in the area and is well acquainted with the area; he found no errors.

John D. Weiler

John D. Weiler
Photogrammetrist

Supervised:

Lewis V. Evans

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

APPROVED AND FORWARDED;

Ross A. Gilmore

Ross A. Gilmore
Chief Of Party

GEOGRAPHIC NAMES

Survey No.

T-8801

1 ARSENICKER KEY, Fla.
Name on Survey

	A	B	C	D	E	F	G	H	K	
Florida									USGB	1
Dade County										2
Biscayne Bay									USGB	3
Rubicon Keys Light										4
Totten Key										5
Crane Creek										6
Cutter Bank										7
East Arsenicker										8
Long Arsenicker										9
Mangrove Point										10
Mangrove Key										11
Model Land Canal										12
Arsenicker Key										13
West Arsenicker										14
Turtle Point										15
Little River										16
Turkey Point										17
Pelican Bank										18
Florida City Canal										19
Convoy Point										20
Homestead Bayfront Park										21
Palm Drive										22
North Canal										23
North Canal Drive										24
Mowry Canal										25
Mowry Drive										26
										27

Check names lines 22-26 and two on page 2, to make sure they match up with quadrangle west of this sheet, T-8817.

GEOGRAPHIC NAMES

Survey No. T-8801

2

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

Campbell Drive

1

Waldin Drive

2

3

Names underlined in red are
approved. 5/18/48 L.R.

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M 234

Division of Photogrammetry
Review Report of
Topographic Map Manuscript T-8801

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

26. Control.--The name of the establishing agency, other than U.S.C. & G.S., was added to the map manuscript after the station name.

28. Detailing.--Several spoil banks were added to the map manuscript.

A line dividing gladeland from mud flats was added to the map manuscript to conform with the interpretation indicated by the field editor on T-8806 and T-8804.

Several areas labelled "Woods and Mangrove" were changed. The wooded and mangrove areas were outlined separately according to office interpretation.

All bench mark and spot elevations were changed to the nearest foot in accordance with Photogrammetry Instructions No. 17.

34. Landmarks and Aids to Navigation.--A form 567 was completed and forwarded to the Nautical Chart Section for the landmark, Chimney, 1946. Forms 567 were filed previously for 5 aids to navigation to be charted and 1 to be deleted. Chart letter 591, 1947. Copies of these forms are filed in the Division of Photogrammetry, General Files, in a special report for the project.

38. Section Lines.-- See Review Report for T-8806.

39. Junctions.--A check of the junction with T-8438 disclosed the following discrepancies.

The portion of T-578, R40E that lies in the area covered by T-8438 should be labelled "Unsurveyed by the G. L. O."

An area labelled "Marsh" on T-8438 should be labelled "Mangrove."

T-8438 has been sent to the Geological Survey to be drafted. An ozalid print will be sent to that Bureau noting the changes to be made.

All other junctions are satisfactory.

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-745	1:20,000	1859
T-746	"	1859
T-4562	"	1930
T-4563	"	1930
T-4576	"	1928
T-4577	"	1928
T-4600	"	1928

These surveys are superseded in common area and detail by T-8801.

45. Comparison with Nautical Charts.--

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

The map manuscript has been partially applied to the nautical charts. The following discrepancy was noted.

A wreck shown on the charts at latitude $25^{\circ}28.9'$, longitude $80^{\circ}20.4'$ is not shown on the map manuscript.

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

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

Reviewed by:

Charles Theurer
C. Theurer

APPROVED:

S. V. Griffith
Chief, Review Section
Division of Photogrammetry

K. T. Adams
Chief, Div. of Photogrammetry

William Green
Chief, Nautical Chart Branch
Division of Charts
W. T. Green
Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. 7880/

Record of Application to Charts

[illegible]

M-2168-1

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