

# 11088

Diag. Cht. No. 1256.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Shoreline

Field No. Ph-100(52) Office No. T-11088

### LOCALITY

State Florida

General locality West Coast

Locality Osprey to North Creek

19~~4~~53-54

### CHIEF OF PARTY

I. R. Rubottom, Field Unit and  
Tampa Photo. Office

### LIBRARY & ARCHIVES

DATE July 24, 1958

B-1870-1 (1)

# 11088

# DATA RECORD

T - 11088

Project No. (II): **Ph-100**      Quadrangle Name (IV):

Field Office (II): **Osprey, Florida**

Chief of Party: **Ira R. Rubottom**

Photogrammetric Office (III): **Tampa, Florida**

Officer-in-Charge: **Ira R. Rubottom**

Instructions dated (II) (III): **1 December 1952**  
**Supplement No. 1 5 May 1953**

Copy filed in Division of  
 Photogrammetry (IV)

Method of Compilation (III): **Graphic**

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III): **Inapplicable**

Scale Factor (III): **None**

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

**3/11/58**

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N. A. 1927**

Vertical Datum (III): **M.H.W.**

~~Mean sea level~~ except as follows:  
 Elevations shown as (25) refer to mean high water  
 Elevations shown as (5) refer to sounding datum  
 i.e., mean low water or mean lower low water

Reference Station (III): **OSPREY (USE), 1935**

Lat.:

Long.:

Adjusted  
~~Unadjusted~~

Plane Coordinates (IV):

State: **Florida**

Zone: **West**

Y= **1,039.377.88**

X= **339,572.30**

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

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


Areas contoured by various personnel  
(Show name within area)  
(II) (III)

## DATA RECORD

Field Inspection by (II): J. E. Johnson

Date: 14 July 1954

Planetable contouring by (II): Inapplicable

Date:

Completion Surveys by (II): Inapplicable

Date:

Mean High Water Location (III) (State date and method of location): July 1954  
Air Photo. Compilation

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

Date: 18 Dec. 1952

Projection and Grids checked by (IV): H. D. W. (W.O.)

Date: 19 Dec. 1952

Control plotted by (III): R. J. Pate

Date: 11 May 1954

Control checked by (III): R. A. Reece

Date: 28 May 1954

Radial Plot of Stereoscopic

Date: 6 Aug. 1954

Control extension by (III): M. M. Slavney

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Inapplicable

Contours

Date:

Manuscript delineated by (III): J. E. Johnson

Date: 20 Aug. 1954

Photogrammetric Office Review by (III): W. H. Shearouse

Date: Oct. 1954

Elevations on Manuscript  
checked by (II) (III): Inapplicable

Date:

Camera (kind or source) (III): **USC&GS Nine-lens**

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			
42797 thru 42799	1 Dec. 1953	1218		1:10,000	0.7 ft.

Tide (III)  
From predicted tides

Reference Station: **TAMPA BAY**  
 Subordinate Station: **SARASOTA POINT ) Prop. between**  
 Subordinate Station: **PORT BOCO GRANDE)**

Ratio of Ranges	Mean Range	Spring Range
0.9	1.3	1.6

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

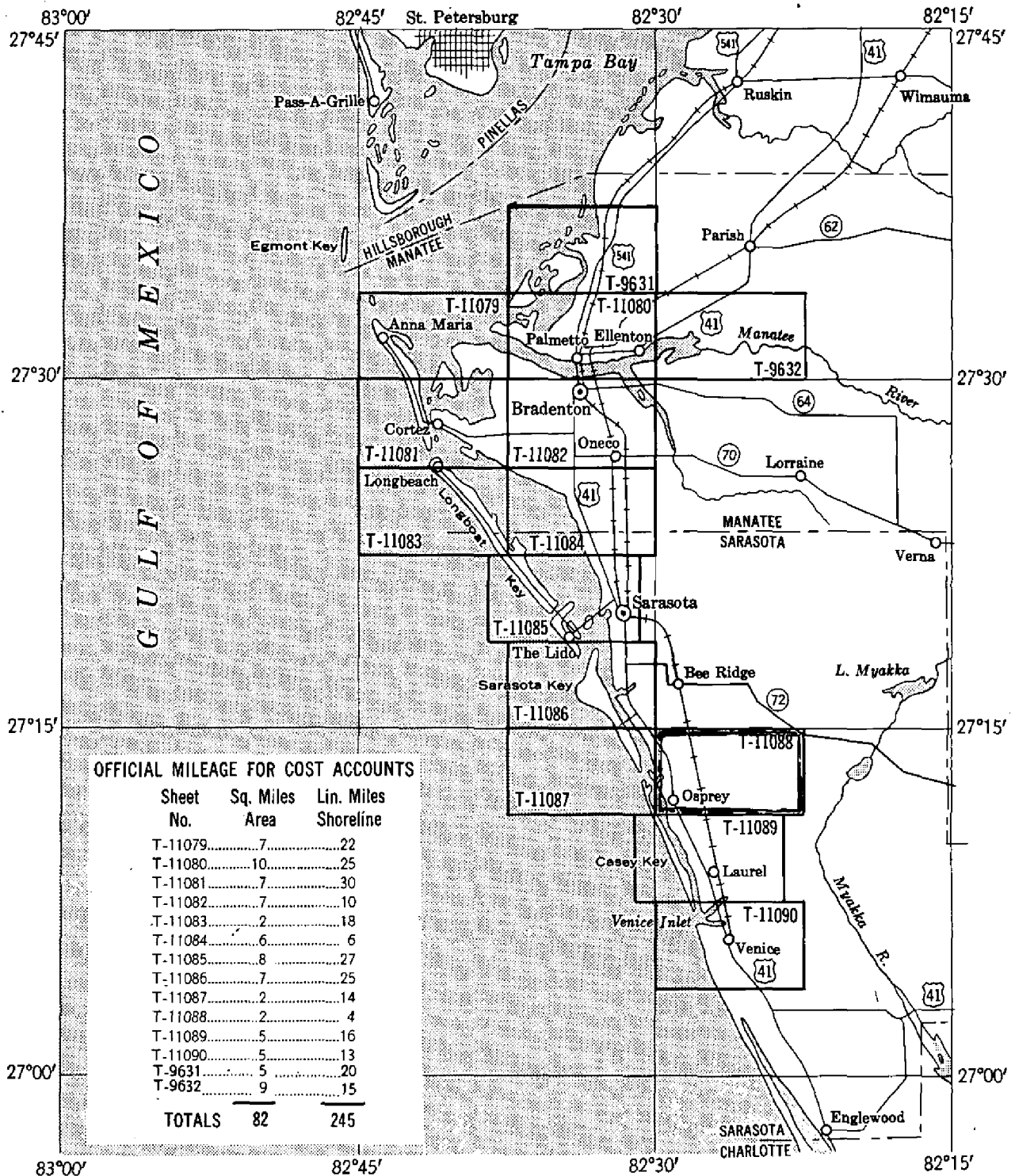
Land Area (Sq. Statute Miles) (III): **2**  
 Shoreline (More than 200 meters to opposite shore) (III): **4**  
~~Shoreline (Less than 200 meters to opposite shore) (III):~~  
 Control Leveling - Miles (II):  
 Number of Triangulation Stations searched for (II): **2**  
 Number of BMs searched for (II):  
 Number of Recoverable Photo Stations established (III): **0**  
 Number of Temporary Photo Hydro Stations established (III): **11**

Recovered: **1** Identified: **1**  
 Recovered: Identified:

Remarks:

# SHORELINE MAPPING PROJECT ~~PH-100~~ 27120

FLORIDA-GULF COAST, Manatee River to Venice Inlet



Compiled at scale of 1:10,000 from nine-lens photographs taken February 1952  
(Refer to Air-Photo Index 129-A)

Summary to Accompany T-11088

Instructions were written for project Ph-100 December 1, 1952. Its purpose was to furnish shoreline and hydrographic control for a hydrographic survey to be made by the ship SOSBEE. The combined surveys would furnish data for the revision of Chart 586 and for construction of a new 1:40,000 scale chart for Sarasota Bay.

Both field inspection and compilation of the manuscripts were assigned to the Tampa Photogrammetric Office.

On December 18, 1952 instructions were issued for CS-353 West Coast of Florida, Tampa Bay to Calvosahatchee River, the ship SOSBEE to survey the shoreward portions of the area, and to assist the Photogrammetric Office in field work as necessary to locate additional control.

A cloth-backed lithographic print of each map, at manuscript scale, together with the descriptive report, will be registered and permanently filed in the Bureau Archives.

THE FIELD INSPECTION REPORT IS

BEING BOUND WITH T-11089



COMPILATION REPORT T-11088

PHOTOGRAMMETRIC PLOT REPORT.

This report is bound with T-11081.

31. DELINEATION.

The graphic method of compilation was used.

Photography was adequate except that coverage provided only two cuts for detail points in the southern extremity.

One development in the southern extremity was mapped as an isolated feature for chart revision.

This map is complete, no part being intentionally omitted.

32. CONTROL.

Reference photogrammetric plot report.

33. SUPPLEMENTAL DATA.

None.

34. CONTOURS AND DRAINAGE.

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS.

Mapped in accordance with field inspection notes after careful stereoscopic examination of the area.

The shoreline inspection was adequate.

Low water lines are approximate and based on data furnished by the field party. Shoal lines were delineated where obvious.

36. OFFSHORE DETAILS.

No unusual problems were encountered in delineating offshore detail.

37. LANDMARKS AND AIDS.

There are no landmarks or aeronautical aids.

Form 567 for fixed aids to navigation was submitted to the Washington Office on 5 November 1954.

38. CONTROL FOR FUTURE SURVEYS.

There are no recoverable topographic stations.

Eleven (11) photo-hydro stations were located but not listed under Item 49 because they have been furnished directly to the hydrographer.

39. JUNCTIONS.

T-11087 to the west        - in agreement  
T-11089 to the south      - in agreement  
No contemporaneous surveys to the north and east.

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement.

46. COMPARISON WITH EXISTING MAPS.

Comparison was made with War Department, Corps of Engineers, Quadrangle LAUREL (FLORIDA), scale 1:31,680, edition of 1944, original printing and with USC&GS planimetric map T-5852, OSPREY & VICINITY, scale 1:10,000, edition of 1939. They are in satisfactory agreement.

47. COMPARISON WITH NAUTICAL CHARTS.

Comparison was made with USC&GS Chart 1256, 1:80,000 scale,

published March 1943 and corrected to 10 August 1953, and was found to be in fair agreement.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD.

None.

*William A. Rasure*

for James E. Johnson  
Carto Aid (General)

APPROVED AND FORWARDED.

*William A. Rasure*

for Ira R. Rubottom, Chief of Party

48. GEOGRAPHIC NAME LIST.

No specific investigation was conducted by the field party and only base map names were mapped. They are listed below:

CATFISH CREEK

LITTLE SARASOTA BAY

NORTH CREEK

OSPREY

49. NOTES FOR THE HYDROGRAPHER.

There are no recoverable topographic stations. Descriptions of the photo-hydro stations have been furnished directly to the hydrographic party and are not listed herein.

50.

## PHOTOGRAMMETRIC OFFICE REVIEW

T. 11088

1. Projection and grids WHS 2. Title WHS 3. Manuscript numbers WHS 4. Manuscript size WHS

## CONTROL STATIONS

1a. Classification label UNCLASSIFIED

5. Horizontal control stations of third-order or higher accuracy MMS 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) XX 7. Photo hydro stations WHS 8. Bench marks XX 9. Plotting of sextant fixes XX 10. Photogrammetric plot report WAR 11. Detail points WHS

## ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline WHS 13. Low-water line WHS 14. Rocks, shoals, etc. WHS 15. Bridges WHS 16. Aids to navigation WHS 17. Landmarks XX 18. Other alongshore physical features WHS 19. Other along-shore cultural features WHS

## PHYSICAL FEATURES

20. Water features WHS 21. Natural ground cover XX 22. Planetable contours XX 23. Stereoscopic Instrument contours XX 24. Contours in general XX 25. Spot elevations XX 26. Other physical features XX

## CULTURAL FEATURES

27. Roads XX 28. Buildings WHS 29. Railroads XX 30. Other cultural features XX

## BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

## MISCELLANEOUS

33. Geographic names WHS 34. Junctions WHS 35. Legibility of the manuscript WHS 36. Discrepancy overlay XX 37. Descriptive Report WHS 38. Field inspection photographs WHS 39. Forms WHS 40. for William H. Shearouse William A. Rasure

Reviewer

Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

## FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

\_\_\_\_\_  
Compiler

\_\_\_\_\_  
Supervisor

43. Remarks:

M-2623-12

# TIDE COMPUTATION

PROJECT NO. PH-100 T. 11088

Time and date of exposure 12:19 1 Dec 1953 Reference station Tampa Bay Mean range 1.2  
 Date of field inspection June 1954 Subordinate station Mean - Sarasota Pt & Port Boca Grande Ratio of ranges 0.8

	Time		Height feet	Height x Ratio of ranges	Time	
	h.	m.			h.	m.
High tide	11	41	1.0	0.8	11	41
Low tide	15	48	0.8	0.6	-	55
Duration of rise or fall	4:07		0.2		9:46	

Time		Height feet	Height x Ratio of ranges
h.	m.		
High tide at Ref. Sta.	11	41	0.8
Time difference	-	55	0.6
Corrected time at Subordinate station	9	46	0.2

Time		Height feet	Height x Ratio of ranges
h.	m.		
Low tide at Ref. Sta.	15	48	0.6
Time difference	-	55	0.6
Corrected time at Subordinate station	13	53	0.2

	h. m.		Height feet	Height x Ratio of ranges	Time h. m.	Photo. No.
	h.	m.				
Time H. T. or L. T.	13	53	Ht. H. T. or L. T.	0.6		42799
Required time	12	19	Tabular correction	0.1		42800
Interval	1	34	Stage of tide above MLW	0.7		42801
Time H. T. or L. T.			Ht. H. T. or L. T.			
Required time			Tabular correction			
Interval			Stage of tide above MLW			
Time H. T. or L. T.			Ht. H. T. or L. T.			
Required time			Tabular correction			
Interval			Stage of tide above MLW			
Time H. T. or L. T.			Ht. H. T. or L. T.			
Required time			Tabular correction			
Interval			Stage of tide above MLW			
Time H. T. or L. T.			Ht. H. T. or L. T.			
Required time			Tabular correction			
Interval			Stage of tide above MLW			

M-2617-12

Computed by R. D. Smith Checked by W. H. J.

STATION Photo Pt A (to locate Daybeacons etc)

STATE Fla

COUNTY Sarasota

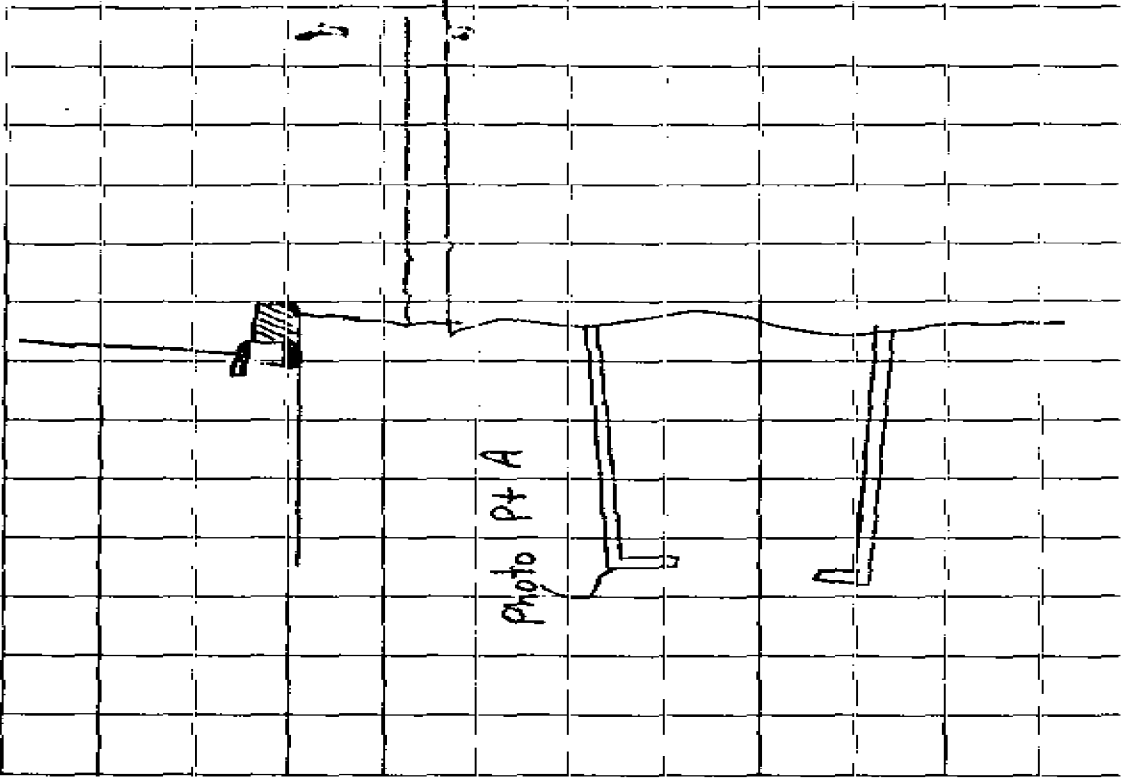
MAP NO T-11088

PHOTO NO 42798

IDENTIFIED BY J.E. Johnson DATE 30 June 54

PROJECT NO Ph 100 A

SKETCH



ACCURACY OF IDENTIFICATION Pos

CHIEF OF PARTY I.R. Rubottom

REMARKS: Photo Pt A is the NW corner of a L shaped pier

INFORMATION REQUIRED FOR SUBSTITUTE STATION

INST. STA Not Necessary

AZ. STA

< TO STA R DISTANCE L { FT, M }





Station: Ken

State: Maryland

Chief of party: C. V. H.

Date: 1917

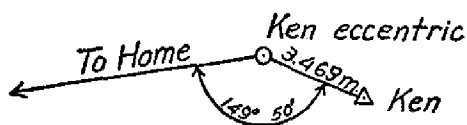
Computed by: O. P. S.

Observer: C. V. H.

Instrument: No. 168

Checked by: W. F. R.

OBSERVED STATION	Observed direction	Eccentric reduction	Sea level reduction	Corrected direction with zero initial	Adjusted direction
	° ' "	' "	"	° ' "	' "
Chevy	0 00 00.00	- 7.31	"	0 00 00.00	' "
Tank west of Δ Dulce	29 03 37.0	-1 09.8		29 02 34.5	
Ken (center), 3.469 meters	176 42				
Forest Glen standpipe	313 24 53.0	+3 01.2		313 28 01.5	
Home	326 31 30.21	+ 31.93		326 32 09.45	
Bureau of Standards, wireless pole	352 17 20.8	+ 5.7		352 17 33.8	
Reno	357 28 48.63	- 1.16		357 28 54.78	
Reference mark, 16.32 m	358 31 20				



This form, with the first three and fifth columns properly filled out and checked, must be furnished by field parties. To be acceptable it must contain every direction observed at the station.

It should be used for observations with both repeating and direction theodolites.

The directions at only one station should be placed on a page.

If a repeating theodolite is used, do not abstract the angles in tertiary triangulation. The local adjustment corrections (to close horizon only) are to be written in the Horizontal Angle Record, and the List of Directions is to be made from that record directly.

Choose as an initial for Form 24A some station involved in the local adjustment, and preferably one which has been used as an initial for a round of directions on objects not in the main scheme. Use but one initial at a station. Call the direction of the initial  $0^{\circ} 00' 00''$ , and by applying the corrected angles to this, fill in opposite each station its direction reckoned *clockwise* around the whole circumference regardless of the direction of graduation of the instrument. The clockwise reckoning is necessary for uniformity and to make the directions comparable with azimuths.

If a station has been occupied eccentrically, reduce to the center and enter in this form, in ink, the resulting corrections to the observed directions in the column provided for them. If an eccentric reduction is necessary, but not made in the field, leave the column blank. If the station was occupied centrally, and no eccentric reduction is required, put dashes in the column to show that no corrections are necessary.

Directions in the main scheme should be entered to hundredths of seconds in first-order triangulation; otherwise to tenths only. Points observed upon but once, direct and reverse, should be carried to tenths in first-order and second-order triangulation, and to even seconds only in third-order triangulation. In general, but two uncertain figures should be given.

It is recommended that the following simple plan of observing be used with a repeating instrument: Measure each single angle in the scheme at each station and the outside angle necessary to close the horizon. Measure no sum angles. Follow each measurement of every angle immediately by a measurement of its supplement. Six repetitions are to constitute a measurement. The local adjustment will consist simply of the distribution of the error of closure of the horizon.

# CONTROL STATION IDENTIFICATION

Photogrammetry

STATION Photo Pt B (to locate Daybeacons)

STATE Fla

COUNTY Sarasota

MAP NO. T-11088

PHOTO NO. 42798

IDENTIFIED BY JES

DATE 30 June 54

SKETCH

PROJECT NO. Ph100A

ACCURACY OF IDENTIFICATION Pos

CHIEF OF PARTY I.R.R.

REMARKS: NW cor of pier

## INFORMATION REQUIRED FOR SUBSTITUTE STATION

INST. STA Pinckney Strait

AZ. STA

< TO STA

R

DISTANCE

L

{ FT.

{ M.

M-2226-12

Little

Sarasota

Bay

Photo  
Pt B

N



Station: Ken

State: Maryland

Chief of party: C. V. H.

Date: 1917

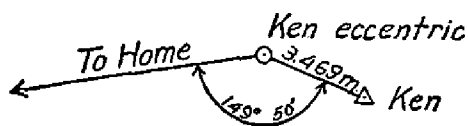
Computed by: O. P. S.

Observer: C. V. H.

Instrument: No. 168

Checked by: W. F. R.

OBSERVED STATION	Observed direction	Eccentric reduction	Sea level reduction	Corrected direction with zero initial	Adjusted direction
	° ' "	' "	"	° ' "	' "
Chevy	0 00 00.00	- 7.31	"	0 00 00.00	' "
Tank west of Δ Dulce	29 03 37.0	-1 09.8		29 02 34.5	
Ken (center), 3.469 meters	176 42				
Forest Glen standpipe	313 24 53.0	+3 01.2		313 28 01.5	
Home	326 31 30.21	+ 31.93		326 32 09.45	
Bureau of Standards, wireless pole	352 17 20.8	+ 5.7		352 17 33.8	
Reno	357 28 48.63	- 1.16		357 28 54.78	
Reference mark, 16.32 m.	358 31 20				



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The directions at only one station should be placed on a page.

If a repeating theodolite is used, do not abstract the angles in tertiary triangulation. The local adjustment corrections (to close horizon only) are to be written in the Horizontal Angle Record, and the List of Directions is to be made from that record directly.

Choose as an initial for Form 24A some station involved in the local adjustment, and preferably one which has been used as an initial for a round of directions on objects not in the main scheme. Use but one initial at a station. Call the direction of the initial 0° 00' 00." 00, and by applying the corrected angles to this, fill in opposite each station its direction reckoned clockwise around the whole circumference regardless of the direction of graduation of the instrument. The clockwise reckoning is necessary for uniformity and to make the directions comparable with azimuths.

If a station has been occupied eccentrically, reduce to the center and enter in this form, in ink, the resulting corrections to the observed directions in the column provided for them. If an eccentric reduction is necessary, but not made in the field, leave the column blank. If the station was occupied centrally, and no eccentric reduction is required, put dashes in the column to show that no corrections are necessary.

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# CONTROL STATION IDENTIFICATION

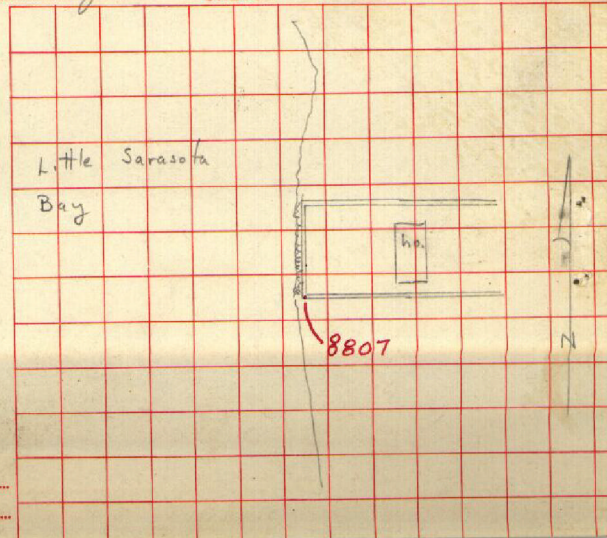
Photogrammetry

STATION 08807 (to locate Day beacons)  
 STATE FLA COUNTY Sarasota  
 IDENTIFIED BY JES DATE 14 July 54

MAP NO. T-11088  
 PHOTO NO. 42798  
 PROJECT NO. Ph 100A

ACCURACY OF IDENTIFICATION Pos  
 CHIEF OF PARTY L.R. Robotta

REMARKS: SW cor of seawall  
& concrete fence.



## INFORMATION REQUIRED FOR SUBSTITUTE STATION

INST. STA Pricked Direct

AZ. STA

< TO STA R  
L DISTANCE {  
{ FT. M.

M-2226-12

# LIST OF DIRECTIONS

3 of 4.

Station 08807 State Fla

Chief of party I. R. Rubottom Date 30 June 54

Computed by J.E.J.

Observer J.E. Johnson Instrument T2 17801

Checked by R.P.W.

OBSERVED STATION	Observed direction ° ' "	Eccentric reduction "	Sea level reduction*	Corrected direction with zero initial ° ' "	Adjusted direction*
08901	0 00 00.00			0 00 00.00	
Piling A *	39 49 28				
Piling B * (08811)	53 33 43				
Lt. Hk. Sarasota Bay					
Day beacon 49 (08809)	73 32 25				
<p>It was necessary to use this initial as nothing else was visible in T-11088. This initial was also used from Photo A+B and was occupied in locating the above objects.</p>					
<p>* Letters A &amp; B were assigned by the field inspector for clarity.</p>					

\* These columns are for office use and should be left blank in the field.



Station: Ken

State: Maryland

Chief of party: C. V. H.

Date: 1917

Computed by: O. P. S.

Observer: C. V. H.

Instrument: No. 168

Checked by: W. F. R.

OBSERVED STATION	Observed direction	Eccentric reduction	Sea level reduction	Corrected direction with zero initial	Adjusted direction
	° ' "	' "	"	° ' "	' "
Chey	0 00 00.00	- 7.31		0 00 00.00	
Tank west of Δ Dulce	29 03 37.0	-1 09.8		29 02 34.5	
Ken (center), 3.469 meters	176 42				
Forest Glen standpipe	313 24 53.0	+3 01.2		313 28 01.5	
Home	326 31 30.21	+ 31.33		326 32 09.45	
Bureau of Standards, wireless pole	352 17 20.8	+ 5.7		352 17 33.8	
Reno	357 28 48.63	- 1.16		357 28 54.78	
Reference mark, 16.32 m.	358 31 20				

Ken eccentric

To Home

Ken

3.469m

149° 56'

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Choose as an initial for Form 24A some station involved in the local adjustment, and preferably one which has been used as an initial for a round of directions on objects not in the main scheme. Use but one initial at a station. Call the direction of the initial 0° 00' 00." 00, and by applying the corrected angles to this, fill in opposite each station its direction reckoned *clockwise* around the whole circumference regardless of the direction of graduation of the instrument. The clockwise reckoning is necessary for uniformity and to make the directions comparable with azimuths.

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# LIST OF DIRECTIONS

Page 4 of 4

T-11088

Station Q 2901 State Fla

Chief of party L. R. Rubottom Date 30 June 54

Computed by J. E. J.

Observer J. E. Johnson Instrument T. 2 17801

Checked by RPW

OBSERVED STATION	Observed direction	Eccentric reduction	Sea level reduction*	Corrected direction with zero initial	Adjusted direction*
<u>Q 8810</u>	<u>0 00 00.00</u>			<u>0 00 00.00</u>	
<u>Piling A *</u>	<u>20 23 22</u>				
<u>Little Sarasota Bay</u>					
<u>Daybeacons 49 (01809)</u>	<u>349 38 40</u>				
<u>Piling B * (01811)</u>	<u>350 50 27</u>				

\* letters were assigned by the field inspector.

This station was occupied after it was necessary to use it as an initial from other stations in this quadrangle.

The pre-levelling card for 2901 was submitted with T-11089

\* These columns are for office use and should be left blank in the field.

Station: Ken

State: Maryland

Chief of party: C. V. H.

Date: 1917

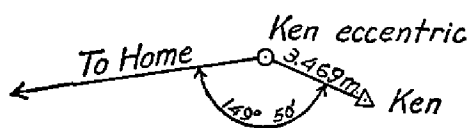
Computed by: O. P. S.

Observer: C. V. H.

Instrument: No. 168

Checked by: W. F. R.

OBSERVED STATION	Observed direction	Eccentric reduction	Sea level reduction	Corrected direction with zero initial	Adjusted direction
	° ' "	' "	"	° ' "	' "
Chevy .....	0 00 00.00	- 7.31		0 00 00.00	
Tank west of Δ Dulce .....	29 03 37.0	-1 09.8		29 02 34.5	
Ken (center), 3.469 meters .....	176 42				
Forest Glen standpipe .....	313 24 53.0	+3 01.2		313 28 01.5	
Home .....	326 31 30.21	+ 31.93		326 32 09.45	
Bureau of Standards, wireless pole .....	352 17 20.8	+ 5.7		352 17 33.8	
Reno .....	357 28 48.63	- 1.16		357 28 54.78	
Reference mark, 16.32 m .....	358 31 20				



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The directions at only one station should be placed on a page.

If a repeating theodolite is used, do not abstract the angles in tertiary triangulation. The local adjustment corrections (to close horizon only) are to be written in the Horizontal Angle Record, and the List of Directions is to be made from that record directly.

Choose as an initial for Form 24A some station involved in the local adjustment, and preferably one which has been used as an initial for a round of directions on objects not in the main scheme. Use but one initial at a station. Call the direction of the initial  $0^{\circ} 00' 00."$  00, and by applying the corrected angles to this, fill in opposite each station its direction reckoned *clockwise* around the whole circumference regardless of the direction of graduation of the instrument. The clockwise reckoning is necessary for uniformity and to make the directions comparable with azimuths.

If a station has been occupied eccentrically, reduce to the center and enter in this form, in ink, the resulting corrections to the observed directions in the column provided for them. If an eccentric reduction is necessary, but not made in the field, leave the column blank. If the station was occupied centrally, and no eccentric reduction is required, put dashes in the column to show that no corrections are necessary.

Directions in the main scheme should be entered to hundredths of seconds in first-order triangulation; otherwise to tenths only. Points observed upon but once, direct and reverse, should be carried to tenths in first-order and second-order triangulation, and to even seconds only in third-order triangulation. In general, but two uncertain figures should be given.

It is recommended that the following simple plan of observing be used with a repeating instrument: Measure each single angle in the scheme at each station and the outside angle necessary to close the horizon. Measure no sum angles. Follow each measurement of every angle immediately by a measurement of its supplement. Six repetitions are to constitute a measurement. The local adjustment will consist simply of the distribution of the error of closure of the horizon.

Review Report T-11088  
Shoreline Map

61. General:

This is a revision survey which includes a newly delineated total shoreline but only such interior features as will amend the 1944 surveys T-5852.

62. Comparison with Registered Maps:

T-5852 1:10,000 1944 Osprey and Vicinity

The shoreline on T-11088 supersedes and the interior detail supplements that of the older survey for charting.

63. Comparison with Maps of Other Agencies:

U.S.E. Laurel 1:25,000 ed. 1947

T-11088 supersedes the quadrangle for charting shoreline and planimetry.

64. Comparison with Contemporary Hydrographic Surveys:

H-8154 1:10,000 1954

A pile (hydro 8811) is not carried on H-8154.

No changes were made to shoreline during review.

65. Comparison with Nautical Charts:

1256 1:80,000 March 1943 Corr. Jan. 1955

T-11088 supersedes the chart in their common area.

66. Accuracy:

This map complies with project instructions and meets the National Standards of Accuracy.

Reviewed by

*Lena T. Stevens*

Lena T. Stevens

Approved by:

*L. C. Lande*

*Wallace A. Bruders* (for Chief, Naut. Chart Branch)

*for Chief Hydrographic*

*W. A. Bruders*

## NAUTICAL CHARTS BRANCH

SURVEY NO.

## Record of Application to Charts

[illegible]

M-2158-1

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.