

10563 Original

Diag. Cht. No. 1257-3.

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey <u>SHORELINE</u>	
Field No. <u>Ph-171</u>	Office No. <u>T-10563</u>
LOCALITY	
State <u>FLORIDA</u>	
General locality <u>TAMPA</u>	
Locality <u>MULLET KEY TO PASS-A-GRILLE</u>	
<u>19 58 57</u>	
CHIEF OF PARTY	
<u>Arthur L. Wardwell, Tampa Photo Office</u>	
LIBRARY & ARCHIVES	
<u>MAY 25 1960</u>	
DATE	

COMM-DC 61300

10563

DESCRIPTIVE REPORT - DATA RECORD

T- 10563

Project No. (II): **Ph-171**      Quadrangle Name (IV):

Field Office (II): **Tampa, Fla.**

Chief of Party: **J. E. Waugh**

Photogrammetric Office (III): **Tampa, Fla.**

Officer-in-Charge: **A. L. Wardwell**

Instructions dated (II) (III): **8 May 1957**

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): **16 Feb 1960**

Publication Scale (IV):

Publication date (IV):

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

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

~~Mean low water~~ 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): **TOMLINSON 1908**

Lat.: **27°41'10.872" (334.7 m)**      Long.: **82°43'47.766" (1308.9)**

Adjusted  
~~1908.9~~

Plane Coordinates (IV):

State:

Zone:

Y=

X=

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.

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

**SHORELINE**

COMM-DC-57842

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **W. M. Reynolds**  
**G. D. Bradford**

Date: **Dec. 1957**

Planetable contouring by (II): **Inapplicable**

Date:

Completion Surveys by (II): **Inapplicable**

Date:

Mean High Water Location (III) (State date and method of location): **Dec. 1957 Air Photo Compilation**

Projection and Grids ruled by (IV): **J. B. Phillips**

Date: **6 Dec. 1957**

Projection and Grids checked by (IV): **J. B. Phillips**

Date: **6 Dec. 1957**

Control plotted by (III): **R. R. Wagner**

Date: **21 Jan. 1958**

Control checked by (III): **R. J. Pate**

Date: **21 Jan. 1958**

Radial Plot ~~or Stereoscopic~~

Date: **20 Feb. 1958**

~~Control checked by (III):~~ **R. R. Wagner**

Planimetry  
Stereoscopic Instrument compilation (III): **Inapplicable**  
Contours

Date:

Date:

Manuscript delineated by (III): **R. Dossett**

Date: **April 1958**

Photogrammetric Office Review by (II): **J. A. Giles**

Date: **May 1958**

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

Date:

# DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **C&GS 9-lens**

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
55984	7 Apr. 1957	10:47	1:10,000	4 0.8
55985	"	"	"	"
55986	"	"	"	"
56095	16 Apr. 1957	09:22	"	4 1.0
56096	"	09:23	"	"
571645	"	11:13	"	4 1.5
571646	"	11:13	"	"
571647	"	11:14	"	"
571648	"	11:14	"	"

## Predicted Tide (III)

Reference Station: **Tampa Bay**  
Subordinate Station: **Pass-a-Grille**  
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
--	1.4	1.6
0.93	1.3	1.6

Washington Office Review by (IV):

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Date:

Date:

Date:

Date:

Land Area (Sq. Statute Miles) (III): **2**

Shoreline (More than 200 meters to opposite shore) (III): **23**

~~Shoreline (More than 200 meters to opposite shore) (III):~~

Control Leveling - Miles (II): **Inapplicable**

Number of Triangulation Stations searched for (II): **\*5**

Recovered: **4**

Identified: **3**

Number of BMs searched for (II): **\*\* 4**

Recovered: **4**

Identified: **1**

Number of Recoverable Photo Stations established (III): **4**

Number of Temporary Photo Hydro Stations established (III): **69**

Remarks: \* **One station established**

\*\* **Only tidal bench marks were searched for.**

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SUMMARY  
TO ACCOMPANY SHORELINE MANUSCRIPTS  
T-10563 and T-10564

Subject surveys are two of Shoreline Project PH-171 (27380). The project consists of 27 sheets, which cover the land area surrounding Tampa Bay in Florida. T-10563 and T-10564 are located south of St. Petersburg Beach and St. Petersburg and north of the entrance to Tampa Bay.

With instructions of May 1957 the 27 sheets were assigned to the Tampa District Office for completion. These shoreline maps were designed to furnish the necessary information for the revision of existing nautical charts and shoreline and horizontal control data for immediate use of hydrography. Field inspection and recovery of control was accomplished during 1957, the radial plot and compilation in 1958 from nine-lens photography of April 1957.

The submitted manuscripts are the result of adequately scribed sheets, subject only to minor corrections and additions during Washington Office Review. They will be reproduced directly to obtain permanent file copies.

Cronar film positives at the compilation scale of 1:10,000 and the Descriptive Reports will be registered and filed in the Bureau Archives.

January 1960

FIELD INSPECTION REPORT

Submitted with T-10558

COMPILATION REPORT  
T-10563

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10558

31. DELINEATION

The graphic method was used.

The scale of the photographs was very good. The 57 L infra-red single-lens photographs were used for reference and delineation where visibility was better than the nine-lens.

32. CONTROL

Reference Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was negligible.

35. SHORELINE AND ALONGSHORE DETAILS

All shoreline details such as piers and piling were shown as indicated by field inspection. The shoreline inspection was adequate.

Approximate shallow areas and channels were shown where discernible on the photographs. There were no shoals or low-water lines indicated by the field inspector.

36. OFFSHORE DETAILS

The channel marker piling for South Channel were located by theodolite cuts and the piling markers in Mullet Key Bayou Channel by sextant fixes.

No other offshore details were identified by the field inspector.



### 37. LANDMARKS AND AIDS

There are two landmarks. Lights Nos. 1 and 8 and Daybeacons 1A, 3, 5 and 7 were located by theodolite cuts. The foregoing were submitted 1 May 1958.

### 38. CONTROL FOR FUTURE SURVEYS

Four (4) topographic stations are being submitted on Form 524. They have been listed and included under Item 49 along with sixty-nine (69) temporary photo-hydro stations.

### 39. JUNCTIONS

A satisfactory junction has been secured with T-10567 on the south and T-10564 on the east. There is no contemporary survey on the north or west.

### 40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

### 46. COMPARISON WITH EXISTING MAPS

Comparison has been made with a film positive of U.S.G.S. 1955 map manuscript PASS-A-GRILLE 720309, Sheet No. 2. There are no differences worthy of note.

A comparison was made with C&GS planimetric maps T-5831 and T-5833, scale 1:10,000, compiled from air photographs taken December 7 and 12, 1939 and supplemented by other surveys to June 1941. Along the Gulf shoreline, extensive changes in the shorelines of the Keys and Islands were noted. Inshore Islands and Keys compare favorably.

### 47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Nautical Chart No. 586, scale 1:40,000, published Jan. 12, 1944, 5th edition, revised 12/9/57. The same differences as listed under Item 46 apply here.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

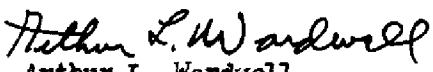
None.

ITEMS TO BE CARRIED FORWARD

None.

  
Rudolph Dossett  
Carto Photo Aid

APPROVED AND FORWARDED

  
Arthur L. Wardwell  
Chief of Party

T-10563Geographic NamesBonne Fortune Key

(not Bonnie)

Bunces PassDents ChannelDents HoleCabbage KeyConception KeyCow and Calf KeyCunningham KeyFloridaGulf of MexicoJackass KeyListen KeyLittle Bird KeyLong KeyMadelaine KeyMud BayouMule KeyMullet KeyMullet Key BayouNorth ChannelPardee KeyPass-a-Grille BeachPass-a-Grille ChannelPine KeyPine Key CutoffSawyer KeyShell KeySister KeySouth ChannelSt. Christopher Key St Christopher KeySt Jean KeySummer ~~Resort~~ Resort KeyTampa BayTarpon KeyThe ReefsWhale ~~Key~~ Is land

Names approved 8-17-59

L. Heck

49. NOTES FOR THE HYDROGRAPHER

Following is a list of sixty-nine (69) photo-hydro stations and four (4) recoverable topographic stations for the use of the hydrographer:

- 6301 - Offshore end of pier ruins.
- 6302 - End of pier.
- 6303 - Northerly end of wood bulkhead.
- 6304 - Center of small building on piles.
- 6305 - Center of mangrove clump on sand bar. Stake with flag beside clump. Streamers tied to limbs.
- 6306 - Center of mangrove clump on sand beach. Stake with flag driven in point. Streamers tied to limbs.
- 6307 - Center of easterly of 3 grass spots near southwest end of island. Spots are in a semi-circular shape. Stake with flag driven in point.
- 6308 - Tip of overhanging mangrove limbs. Stake with flag driven underneath. Streamers tied to limbs.
- 6309 - Tip of overhanging mangrove limbs. Stake with flag driven underneath. Streamers tied to limbs.
- 6310 - Detached mangrove clump on northwest side of island. Stake with flag beside clump. Streamers tied to limbs.
- 6311 - Corner of old lines of piling on west side of island.
- 6312 - Detached mangrove bush on east side of island. Stake with flag driven beside bush.
- 6313 - Overhanging tip of mangrove limbs. Stake with flag beneath. Streamers tied to limbs.
- 6314 - South tip of mangrove island. Stake with flag driven at tip. Streamers tied to limbs.
- 6315 - End of grass spot on northwest side of island. Stake with flag driven in point.
- 6316 - Overhanging mangrove limbs at southwest corner of island. Stake with flag driven under limbs.

- 6317 - Northeasterly end of a V-shaped oyster bar. Stake with flag driven in point.
- 6318 - Southerly tip of mangrove on island. Stake with flag driven by point. Streamers tied to limbs.
- 6319 - Northwest corner of net racks.
- 6320 - V impression in mangrove along shoreline. Stake with flag driven in point.
- 6321 - Center of U-shape in grass. Stake with flag driven in point.
- 6322 - Isolated mangrove bush in grass. Stake with flag driven by point.
- 6323 - Point of grass. Stake with flag driven in point.
- 6324 - Center at end of rectangular impression in grass line. Stake with flag driven in point.
- 6325 - Southwest corner of grass spot. Stake with flag driven in point.
- 6326 - Center of overhanging limb on mangrove point. Stake with flag driven in point.
- 6327 - Center of west end of grass point. Stake with flag driven in point.
- 6328 - Center of end of mangrove point. Stake with flag driven in point.
- 6329 - Point of mangrove. Stake with flag driven in point.
- 6330 - Center of tip of mangrove. Stake with flag driven in point.
- 6331 - Center of tip of mangrove at south end of island. Stake with flag driven in point.
- 6332 - Tip of mangrove by dead tree. Stake with flag driven in point.
- 6333 - Tip of mangrove point. Stake with flag driven at point. Streamers tied to limbs.
- 6334 - Detached mangrove bush. Stake with flag beside bush. Streamers tied to bush.

- 6335 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
- 6336 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
- 6337 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
- 6338 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
- 6339 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
- 6340 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
- 6341 - Tip of detached mangrove bush. Stake with flag driven beside ✓  
bush. Streamers tied to limbs.
- 6342 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
- 6343 - Tip of mangrove bush. Stake with flag driven beside bush. ✓  
Streamers tied to limbs.
- 6344 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
- 6345 - Westerly tip of detached mangrove bush. Stake with flag ✓  
driven beside bush. Streamers tied to limbs.
- 6346 - Overhanging mangrove limbs on west side of island. Stake with ✓  
flag driven beneath. Streamers tied to limbs.
- 6347 - Overhanging mangrove limbs. 4 x 4 with streamers beneath. ✓  
Streamers tied to limbs.
- 6348 - Overhanging mangrove limbs. Stake with flag beneath. ✓  
Streamers tied to limbs.
- 6349 - Overhanging mangrove limbs. Stake with flag beneath. ✓  
Streamers tied to limbs.
- 6350 - Overhanging mangrove limbs. Stake with flag beneath. ✓  
Streamers tied to limbs.
- 6351 - Overhanging mangrove limbs. Stake with flag beneath. ✓  
Streamers tied to limbs.

- 14
- 6352 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
  - 6353 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
  - 6354 - Tip of grass point. Stake with flag driven in point. ✓
  - 6355 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
  - 6356 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
  - 6357 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
  - 6358 - Tip of mangrove point. Stake with flag driven in point. ✓  
Streamers tied to limbs.
  - 6359 - Center detached mangrove bush. Northeast side of island. ✓  
Stake with flag driven beside bush.
  - 6360 - Isolated mangrove bush. Stake with flag driven beside bush. ✓
  - 6361 - Tip of mangrove clump. Stake with flag driven beside bush. ✓  
Streamers tied to limbs.
  - 6362 - Small isolated australian pine on rounded point. Stake with ✓  
flag driven beside bush.
  - 6363 - Overhanging mangrove limbs. Stake with flag driven beneath. ✓  
Streamers tied to limbs.
  - 6364 - Center small palm bush. Stake with flag driven beside bush. ✓
  - 6365 - Tip of mangrove clump. Stake with flag driven in point. ✓
  - 6366 - Palm tree on beach. Stake with flag driven beside tree. ✓
  - 6367 - Center of heavy grass spot. Northeast of pond. Stake with ✓  
flag driven in point.
  - 6368 - Center of northerly end of net rack ✓
  - 6715 - Center of southwesterly end of grass spot. Stake with flag ✓  
driven in point.

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 10563

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

4a. Classification label Unclassified

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

33. Geographic names JG 34. Junctions JG 35. Legibility of the manuscript JG 36. Discrepancy overlay XX 37. Descriptive Report JG 38. Field inspection photographs JG 39. Forms JG

40. Jesse A. Giles William A. Rasure  
Reviewer Supervisor, Review Section or Unit  
Jesse A. Giles William A. Rasure

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:



# TIDE COMPUTATION

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

PROJECT NO. Ph-171 T - 10 56 5

Time and date of exposure 0922  
APR 16, 1957

Reference station Tampa 1309

Date of field inspection Dec 1957

Subordinate station Pass-a-Grill

Mean range 1.3

Spring 1.6

Ratio of ranges 0.93

	Time		Height feet	Height x Ratio of ranges
	h.	m.		
High tide	12	34	1.8	1.7
Low tide	6	21	0.4	0.4
Duration of rise or fall	6	13		1.3

	Time	
	h.	m.
High tide at Ref. Sta.	14	21
Time difference	-	1 43
Corrected time at Subordinate station	12	36

	Time	
	h.	m.
Low tide at Ref. Sta.	8	06
Time difference	-	1 43
Corrected time at Subordinate station	6	21

	h.	m.	Ht. H. T. or L. T.	Tabular correction	Stage of tide above MLW	feet	Feature bares	Stage of tide above MLW	feet	Photo. No.
Time <del>H. T.</del> or L. T.	6	21				0.4	Feature bares			
Required time	8	22				0.6	Stage of tide above MLW			56095
Interval	3	01				1.0	Feature above MLW			
Time H. T. or L. T.							Feature bares			
Required time							Stage of tide above MLW			
Interval							Feature above MLW			
Time H. T. or L. T.							Feature bares			
Required time							Stage of tide above MLW			
Interval							Feature above MLW			
Time H. T. or L. T.							Feature bares			
Required time							Stage of tide above MLW			
Interval							Feature above MLW			
Time H. T. or L. T.							Feature bares			
Required time							Stage of tide above MLW			
Interval							Feature above MLW			
Time H. T. or L. T.							Feature bares			
Required time							Stage of tide above MLW			
Interval							Feature above MLW			

Computed by R. Rossett Checked by 115

# TIDE COMPUTATION

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

PROJECT NO. Ph-171 T-10563

Time and date of exposure 1047 Apr 7, 1957

Reference station TAMPA BAY

Mean range 1.3  
*Spring 1.6*

Date of field inspection Dec, 1957

Subordinate station Pass-a-Grille

Ratio of ranges 0.93

	Time		Height feet	Height x Ratio of ranges	Time		Low tide at Ref. Sta.	Time	
	h.	m.			h.	m.		h.	m.
High tide	16	43	1.5	1.4	18	28			
Low tide		02	-0.8	-0.7	-1	45			
Duration of rise or fall	16.41		2.1		16.42		Time difference		
					Corrected time at Subordinate station		Corrected time at Subordinate station		

	h.	m.	feet	feet	Photo. No.
Time H. T. or L. T.	16	43			
Required time	18	47	1.4	Feature bares	59985
Interval	15	56	0.6	Stage of tide above MLW	
			0.8	Feature above MLW	
Time H. T. or L. T.				Feature bares	
Required time				Stage of tide above MLW	
Interval				Feature above MLW	
Time H. T. or L. T.				Feature bares	
Required time				Stage of tide above MLW	
Interval				Feature above MLW	
Time H. T. or L. T.				Feature bares	
Required time				Stage of tide above MLW	
Interval				Feature above MLW	
Time H. T. or L. T.				Feature bares	
Required time				Stage of tide above MLW	
Interval				Feature above MLW	
Time H. T. or L. T.				Feature bares	
Required time				Stage of tide above MLW	
Interval				Feature above MLW	

COMM. DC-57848

Computed by Blount

Checked by HS

## TIDE COMPUTATION

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

PROJECT NO. Ph-171 T-10563

Time and date of exposure 1113 16 Apr 1957

Reference station

Tampa Bay

Mean range

Spring 1.3Date of field inspection Dec 1957

Subordinate station

Pass-a-GrilleRatio of ranges 0.93

	Time	
	h.	m.
High tide	12	36
Low tide	6	21
Duration of rise or fall	6	15

	Height feet	Height x Ratio of ranges
High tide	1.8	1.7
Low tide	0.2	0.4
Range of tide		1.3

	Time	
	h.	m.
High tide at Ref. Sta.	14	21
Time difference	-11	45
Corrected time at Subordinate station	12	36

	Time	
	h.	m.
Low tide at Ref. Sta.	8	06
Time difference	-1	45
Corrected time at Subordinate station	6	21

	h.	m.		feet		feet	Photo. No.
Time H. T. or L. T.	12	36	Ht. H. T. or L. T.	1.7	Feature bares		5721646
Required time	11	13	Tabular correction	0.2	Stage of tide above MLW		5721647
Interval	1	23	Stage of tide above MLW	1.5	Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		

Computed by R. BennettChecked by 115

REVIEW REPORT OF  
SHORELINE MANUSCRIPTS T-10563 and T-10564  
January 1960

62. Comparison with Registered Topographic Surveys

T-1316a	1:20,000	1873
T-1316b	1:20,000	1873
T-4203	1:10,000	1926
T-4210	1:20,000	1925-26
T-4212	1:20,000	1926
T-5831	1:10,000	1939
T-5832	1:10,000	1939
T-5833	1:10,000	1939
T-8390	1:20,000	1942

Differences in shoreline and culture exist between these surveys. The construction of SUNSHINE SKYWAY since the latest survey of 1942 (part of which appears on T-10564) has altered above-listed surveys considerably. Subject surveys are to supersede previous surveys of identical area and detailing for nautical charting purposes.

63. Comparison with Maps of Other Agencies

PASS-A-GRILLE BEACH, FLA., 1:24,000, 1956, U.S. Geological Survey

The shorelines of SHELL KEY (south of Pass-a-Grille Beach) and of the northwest tip of MULLET KEY have changed notably since 1956. As for other coverage, there appears to be good agreement.

64. Comparison with Contemporary Hydrographic Surveys

57247 (8427), 1:20,000, 1958 (Blueprint)  
57248 (8428), 1:20,000, 1958 (Blueprint)

These advance hydrographic surveys compare favorably with subject surveys.

65. Comparison with Nautical Charts

586, 1:40,000, Edition of 1944 Revised to 6/15/59  
1257, 1:80,000, Edition of 1944 Revised to 3/2/59

Visual comparison discloses two considerable shoreline changes not applied to chart 586. They are 1.) SHELL KEY (directly south of the southernmost tip of Pass-a-Grille Beach), and 2.) the northwest portion of MULLET KEY. No other noteworthy disagreements are indicated.

66. Adequacy of Results and Future Surveys

T-10563 and T-10564 have been compiled according to project instructions. They are within the requirements of adequacy and accuracy. Periodic shoreline and continuous cultural changes may be anticipated for future surveys.

Approved

L. C. Lande  
Chief, Review Section  
Photogrammetry Division

L. W. Evanson  
Chief, Photogrammetry  
Division

17 May 60

Reviewed by

Josef J. Streifler  
Josef J. Streifler

Max E. Letto  
Chief, Nautical Chart Branch  
Chart Division

J. Bowie  
Chief, Coastal Surveys

## NAUTICAL CHARTS BRANCH

SURVEY NO. \_\_\_\_\_

### 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.