10558

Diag. Cht. No. 1257-3.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-171 *Office No.* T-10558

LOCALITY

State Florida

General locality Gulf Coast

Locality Tampa Bay - St. Petersburg

1957

CHIEF OF PARTY

J.E.Waugh, Tampa District Office

A.L.Wardwell, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE May 25, 1960

USCOMM-DC 5087

10558

Chart 587 2/13/64 John P. Weis Fully applied after verification & review.

Chart 586 4/16/65 John P. Weis Fully applied after verification and review

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T - 10558

Project No. (II): Ph- 171

Quadrangle Name (IV):

Field Office (II): Tampa District Office

Chief of Party: J. B. Waugh

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: Arthur 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): OCT 16 1958

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 10 Feb 1960

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): VINOY PARK HOTEL CUPOLA 1926

Lat.: 27° 46' 40.264" (1239.4 m.) Long.: 82° 37' 50.235" (1375.4 m.)

Adjusted
~~Unadjusted~~

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.

2747 59.140

82 31 24 282

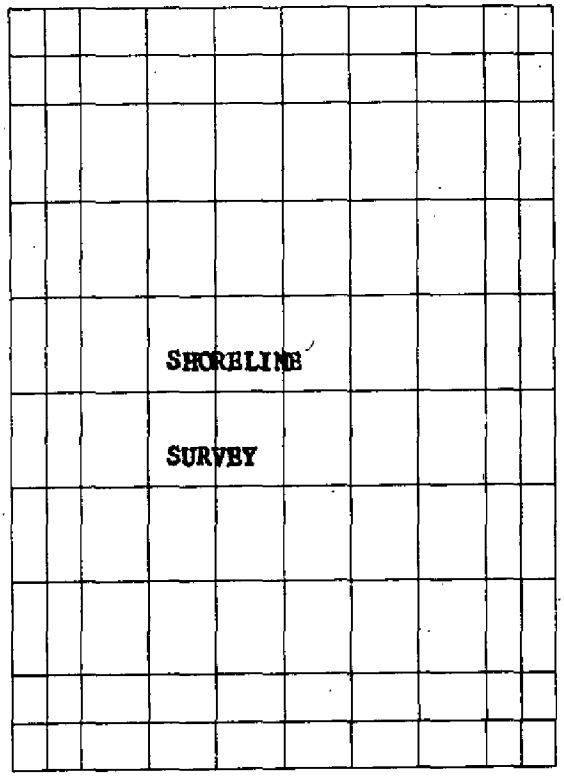
46.86
1820.4
26.46
1642.7
664.7

978.0

FORM 181a
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD



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

FORM 181b
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **W. M. Reynolds** Date: **Aug. 1957**

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

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

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

Projection and Grids ruled by (IV): **J. B. Phillips** Date: **11 June 1957**

Projection and Grids checked by (IV): **J. B. Phillips** Date: **11 June 1957**

Control plotted by (III): **R. R. Wagner** Date: **6 Sept. 1957**

Control checked by (III): **R. J. Pate** Date: **6 Sept. 1957**

Radial Plot ~~or Stereoscopic Control extension~~ by (III): **R. J. Pate and R. R. Wagner** Date: **30 Sept. 1957**

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

Manuscript delineated by (III): **R. Dossett** Date: **Nov. 1957**

Photogrammetric Office Review by (III): **J. A. Giles** Date: **Feb. 1958**

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

COMM-DC-57842

FORM 181c
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

4

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **Nine-lens and Wild Aviogon**

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
56000	16 Apr. 1957	0813	1:10,000	+0.4
56001	"	0814	"	+0.4
57L-1626	"	1104	"	+0.1
57L-1627	"	1104	"	+0.1
57L-1628	"	1105	"	+0.1
57L-1629	"	1105	"	+0.1

Tide (III)
Predicted

Ratio of Ranges	Mean Range	Spring Range
-	1.4	1.6

Reference Station: **TAMPA BAY (St. Petersburg)**
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV): J Stauffer Date: Oct. 1959

Final Drafting by (IV): Tampa District Office Date: Nov. 1959

Drafting verified for reproduction by (IV): J Stauffer Date: Oct. 1959

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 6

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

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

Control Leveling - Miles (II): 0

Number of Triangulation Stations searched for (II): *29 *Recovered:* 16 *Identified:* 5

Number of BMs searched for (II): **13 Recovered: 11 Identified: 1

Number of Recoverable Photo Stations established (III): 7

Number of Temporary Photo Hydro Stations established (III): 98

Remarks:

* Three stations established

** Only tidal bench marks were searched for

COMM-DC-57842

SUMMARY
TO ACCOMPANY SHORELINE MANUSCRIPTS
T-10558 and T-10559

Subject surveys are two of shoreline mapping Project PH-171 (27380). The project covers the Tampa Bay, Florida area. It was designed to support hydrographic surveys for subsequent revision of existing nautical charts. T-10558 covers that portion of St. Petersburg directly on Tampa Bay and T-10559 the opposite shore in the vicinity of Big Bend.

These two shoreline manuscripts were compiled graphically and according to instructions of May 1957 at the Tampa District Office in Nov. 57 and Jan. 58. They are based on nine-lens and Wild Aviogon photography of April 1957 and field inspection of Aug. 1957. The submitted manuscripts are the result of adequately scribed sheets and after limited additions and corrections during Washington Office Review ready for direct reproduction of permanent file copy.

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

October 1959

FIELD INSPECTION REPORT

PROJECT PH-171

2. AREAL FIELD INSPECTION

This report covers the entire project of twenty-seven shoreline manuscripts numbered T-10542 through T-10568.

Sheets numbered T-10542 through T-10561 and Sheet T-10565 are located along the shores of the bays. Sheets numbered T-10563, T-10564 and T-10566 through T-10568 are principally water with all or parts of the numerous islands making up the land area.

The area is both urban and rural. The two sizeable cities are Tampa and St. Petersburg. Tampa is one of the principal ports along the Gulf of Mexico and both cities are nationally known winter resorts. Large fleets of commercial fishing boats base out of each of the cities.

The rural areas consist mainly of stretches of sandy shore, along the bays and the islands. The land is flat and poorly drained. Vegetation consists of scattered pine, oak, palmetto and brush. Near the shore and on the islands are large areas of mangrove swamp with fringes of grass bordering their outer extremities. The mangrove extends from a fringe to several hundred feet. Some of the islands are completely covered by dense mangrove.

The area is served by a system of good highways and two railroads. A deep water channel, from the Gulf, affords passage for ocean going vessels to Port Tampa and the Port of Tampa. Tampa and St. Petersburg both have large airport facilities for commercial aircraft.

Field inspection was performed in accordance with Project Instructions dated 8 May 1957 and is believed complete except for the following:

The Florida Power Corporation is constructing a plant which falls on Sheet T-10554. The dredging for the fill was completed but the construction of the building and tank farm is in progress. In Sheet T-10555, construction is in progress around the Port Tampa railroad docks. A new bridge is under construction, which will cross sheets T-10544, T-10545, T-10549 and T-10550. All of the preceding areas will have to be brought up-to-date after construction has been completed.

Nine-lens photography at 1:10,000 scale was used for field inspection. The photographs were of recent date and, with the exception of one area, of good quality. (See letter from Chief, Photogrammetry Division, dated 10 June 1957). In the area where the nine-lens photographs were bad, field inspection was performed on the single-lens infra-red photographs. The tones ranged from white in the sandy areas, through grey in the grassy areas, to black in the areas covered by mangrove.

The only difficulty in interpreting the photographic tones was the line between the mangrove and the grass-in-water. This was only difficult in areas where the bottom was mud. This gave the grass a much darker tone than is usually the case. In these cases, the apparent shoreline was drawn in the field.

3. HORIZONTAL CONTROL

All Coast and Geodetic Survey control was searched for and Forms 526 submitted. The only stations identified were those deemed essential by the compilation office to control the radial plot.

A small scheme of triangulation was observed along Hillsboro and McKay Bays. Fifty main scheme and intersection stations were established. See attached ozalid print of sketch. Standard methods for second-order triangulation were used in observing the main scheme stations. Third-order methods were used for the intersection stations.

Positions from the field computations were used to control the plot. No adjustments were made by the field party.

The following stations were reported lost:

D 8 1934
D 9 1943
GUN 1908
Y 4 1934
Y 8 1934
D 16 1934
D 14B 1934
D 18C 1934
Y 28 1934
Y 32 1934
CLEARWATER RADIO STATION WFLA-WSUN SOUTHERLY TOWER 1934
GREEN SPRINGS WATER TANK TOP 1908
Y 18 1943
D 11 1934
D 12 1934
D 14 1934
D 8A 1943
LOOK 1926
DAVE 1908
RADIO 1945
D 16A 1934
D 15 1934
D 18A 1934
BOOTH 1926
COOPER 1926
CLEARWATER RADIO STATION WFLA-WSUN NORTHERLY TOWER 1934
Y 20 1934
GREEN SPRINGS MRS. COHENS HOUSE CHIMNEY 1908
D 11A 1934
D 13 1934
D 14A 1934

LOST

D 23 1934
D 24A 1934
DREW 1934
F 10 1934
TAMPA, YBOR CITY IRON WATER TANK 1908
F 22 1934
D 29 1943
D 31 1934
D 33 1934
MAC 1926
TAMPA, HYDE PARK SCHOOLHOUSE 1908
TAMPA BAY HOTEL LOW BRICK STACK, 1908
TAMPA, CENTRAL AVENUE CHURCH SPIRE 1908
TAMPA ELECTRIC POWERHOUSE STACK 1908
TAMPA, OLD MUNICIPAL WATERWORKS STACK 1934
TAMPA, SAWMILL CENTRAL AVENUE AND POLK STREET, TALL STACK 1908
YBOR CITY, TOBACCO FACTORY CUPOLA 1908
TAMPA, FIRST PRESBYTERIAN CHURCH SPIRE 1908
TAMPA, WEST FLAGPOLE POSTOFFICE BUILDING 1908
D 24C 1939
D 26A 1934
D 28 1934
JERVEY U.S.E. 1926, WEATHER BUREAU TOWER 1926
BEE (U.S.E.) 1926
TAMPA WEST BASE (U.S.E.) 1908
WIRE 1926
BALLAST POINT 2 1908
BALLAST POINT WATER TANK 1908
TAMPA, YACHT CLUBHOUSE FLAGSTAFF 1908
TAMPA, RICHARD'S HOUSE (THE GABLES) CUPOLA 1908
ANT 1954
Y 41 1934
Y 100 1939
Y 102 1939
ST. PETERSBURG, ST. MARY'S CATHOLIC CHURCH SPIRE 1926
ST. PETERSBURG, POWERHOUSE STACK 1908
ST. PETERSBURG, SIBLEY HOUSE TOWER 1908

D 24 1934
TAMPA, ANNA DELL-WELL SILVER WATER TANK 1934
TAMPA, SALVADOR RODRIQUES CO. SILVER WATER TANK 1926
F 21 1934
F 23 1934
D 30 1943
D 32 1934
F 44 1934
WEST TAMPA WORKS STANDPIPE 1908
TAMPA, MORRISON VILLA TOWER 1908
TAMPA, ATLANTIC ICE CO. STACK, 1934
TAMPA, COURTHOUSE DOME 1908
TAMPA, MICHIGAN AVENUE SCHOOL-HOUSE CUPOLA 1908
TAMPA, SCHWAB-DAVIS DOUBLE TANK 1926
TAMPA, DIXIE LAUNDRY TANK 1934
TAMPA, WHITING AND FRANKLIN TOWER 1908
TAMPA, CONVENT DOME 1908
TAMPA BAY HOTEL WEST TOWER 1908
D 25 1934
D 27 1934
GRASSY (USE) 1926
TAMPA, EAST BASE (U.S.E.) 1908
A (U.S.E.) 1926
WALL'S (JUDGE) HOUSE CHIMNEY 1908
LESS 1926
TAMPA, BALLASE POINT PARK SILVER WATER TANK 1934
TAMPA, SPANISH SANITARIUM WEST TANK 1908
KK 2 1947
MULLET KEY SHOAL LIGHT 1908
SIT 1954
Y 42 1934
Y 101 1939
Y 108 1939
ST. PETERSBURG, WHITE CONCRETE STACK WITH SIGN "ICE" ON TOP 1925
ST. PETERSBURG, DETROIT TOWER 1908
ST. PETERSBURG, SOUTHEAST BASE 1933

LOST

27 51 41.028
82 31 45.312

9 10

SCHOOLHOUSE CUPOLA 1908
PINELLAS PARK SILVER MUNICIPAL TANK 1934
Y 110 1939
Y 124 1934
Y 125A 1934
WATER TOWER LAKEWOOD ESTATES 1925
PORT TAMPA WEST ELEVATOR END OF DOCK 1908
PORT TAMPA LONG PHOSPHATE ELEVATOR WEST GABLE 1908
PORT TAMPA ATLANTIC COAST LINE COAL DOCK 1934
PORT TAMPA WEST BASE (USE) 1908
PORT TAMPA OIL TANK TOP (YELLOW EAST) 1908
D 6A 1934
D 2 1934
HIGH FREQUENCY RANGE 1952
MANGROVE (USE) 1908
DC 115 1939
SUN CITY POWER CO. SILVER WATER TANK 1934
YOUNG (USE) 1908
EGMONT KEY LANDING PAVILLION TOWER 1908
FORT DADE FLAGSTAFF 1908
FORT DESOTO FLAGSTAFF 1908
FORT DESOTO WATER TANK 1908
MULLET KEY, QUARANTINE BLDG. TOWER ON END OF WHARF 1908
GRILLE 1934
BALL 2 1926
TT 3 1947

ASPLIN 1934
Y 40 1934
Y 109 1939
Y 107 1939
Y 125 1934
Y 126 1934
MAC 1945
PORT TAMPA ELECTRIC POWERHOUSE 1908
PORT TAMPA MUNICIPAL TANK 1934 — 1945
PORT TAMPA LONG PHOSPHATE ELEVATOR EAST GABLE 1908
PORT TAMPA WATER TANK, RED IRON, HEAD OF SLIP 1908
MICRO-H (MAST) 1945
PORT TAMPA EAST ELEVATOR, END OF DOCK 1908
D 7 1934
LORAN 1952
ALAFIA 2 1908
DC 113 1939
DC 116 1939
MARSHALL (USE) 1908
MOODY'S HOUSE CUPOLA 1908
RIG TOPO SIGNAL 1926
ARMY PIER COAL SHED TOWER 1908
FORT DADE POWERHOUSE BLACK STACK 1908
EGMONT KEY PILOTS LOOKOUT 1908
FORT DESOTO POWERHOUSE BLACK STACK 1908
MULLET KEY, U. S. QUARANTINE STATION LOW WATER TANK 1908
SOUTH (SOUTHWEST CHANNEL BEACON) 1925
TT 2 1947

60.8 W.

The following lost stations were identified to aid in control of plot:

Y 4 1934 Y 18 1934 Y 32 1934 F 10 1934 BOOTH 1926
PINELLAS PARK SILVER MUNICIPAL TANK 1934
SUN CITY POWER CO. SILVER WATER TANK 1934

Regarding the four above traverse stations, remains of monuments were found in the described locations and were identified due to scarcity of control in those immediate areas. The footings of the two tanks were still in place and they were identified for the same reason. Station BOOTH was not found but one of the reference marks was identified in lieu of the station.

4. VERTICAL CONTROL

All tidal bench marks were searched for and where recovered, one of each group was identified. Several marks were searched for outside compilation limits. None of these were identified. Form 685A has been submitted for all marks.

5. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage is principally run-off into the bays and rivers. The streams are self evident from the photographs. Parts of the area are being drained by cut ditches. These have been indicated on the photographs.

6. WOODLAND COVER

See Item 2, Paragraph 4. The woodland cover has been classified on the photographs.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high-water line was thoroughly inspected and is usually obvious as photographed. In areas of doubt, it was located by measurements from identifiable points.

Apparent shoreline comprises a large percentage of the water front. It is usually the edge of dense mangrove. The mangrove varies in height from 5 to 50 or more feet. The growth appears on the photographs as a dense, black and usually smooth tone.

Marsh is negligible and is more often grass-in-water than true marsh.

The approximate low-water line has been indicated in some areas, which were visited during low water.

All bluffs worthy of being symbolized have been indicated on the photographs. There are no cliffs.

All docks, wharves, piers and landings have been indicated on the photographs.

The shore ends of submarine cables have been located and labeled on the photographs.

8. OFFSHORE FEATURES

The only offshore features are the dredging ranges and aids to navigation.

9. LANDMARKS AND AIDS

The area was thoroughly inspected for landmarks. Form 567 is being submitted for charting and deletion.

Aeronautical aids are adequately covered by Form 567.

All fixed aids to navigation were located during the course of field work. The aids of a permanent nature were located by triangulation.

The azimuths of these ranges were located by triangulation.

The aids of a secondary construction were located by one of the following methods.

(1) Graphic triangulation
(2) Theodolite cuts from identifiable points
(3) Sextant fixes with a check angle
(4) Direct identification on the photographs

The azimuths of these ranges were located by graphic triangulation.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable

11. OTHER CONTROL

Numerous topographic stations established in 1941 were recovered and those within the mapping limits were identified. Several other recoverable topographic stations were established and identified by the field party for location by the radial plot. The spacing of two mile intervals was not held rigidly because of the nature of the terrain. The spacing was exceeded in some of the mangrove areas where it was obvious that the monument would have a short period of usefulness.

The following recoverable topographic stations were re-identified or established and identified:

SHEET NUMBER T-10542

TIDAL BM 5 (1937) 1957
FAR (1941) 1957
TIDAL BM 1 (1926) 1957
HAP (1941) 1957

SHEET NUMBER T-10545

CYPRESS AZIMUTH (1941) 1957

SHEET NUMBER T-10543

FRY (1941) 1957

SHEET NUMBER T-10546

HRB, USE (1939) 1957
HRA, USE (1939) 1957
HRD, USE (1939) 1957
HRG, USE (1939) 1957

SHEET NUMBER T-10551

CORN 1957
ERA (1941) 1957
BOB (1941) 1957
BMG 5 RESET (1952) 1957

SHEET NUMBER T-10552

BM 5 U.S.E.D. (1935) 1957
BM U.S.E.D. AIRPORT (1941) 1957
SON (1941) 1957
VIS (1941) 1957
ARM (1941) 1957

SHEET NUMBER T-10554

DAB (1941) 1957
TOY (1941) 1957
BAD (1941) 1957
~~FROG-1957~~

SHEET NUMBER T-10556

RUT (1941) 1957

SHEET NUMBER T-10557

FROG, 1957

SHEET NUMBER T-10558

PALM (1941) 1957
FOX (1941) 1957
EDD 60 (1935) 1957
N. MON. RGE. 00 (1941) 1957
TBM 1 (1941) 1957

SHEET NUMBER T-10559

DOC (1941) 1957
ALL (1941) 1957
GIG (1941) 1957
BEND 1957
HAG (1941) 1957

SHEET NUMBER T-10560

AID (1941) 1957
U.S.E. (EDD 63) (1935) 1957
BUM (1941) 1957

SHEET NUMBER T-10561

PASS 1957
TAR (1941) 1957

SHEET NUMBER T-10562

JET (1941) 1957
PALM 1957
KEG (1941) 1957
SAND 1957

SHEET NUMBER T-10563

DAZ (1941) 1957
BID (1941) 1957
VOW (1941) 1957

SHEET NUMBER T-10565

PUN (1941) 1957
BAH (1941) 1957
PAV (1941) 1957
JAG (1941) 1957

Descriptions for the following recoverable topographic stations were omitted from the project data:

EGMONT KEY CHANNEL RANGE 600 1934
E. RADIO MAST 1941
BM NO. 4 1937
EGMONT KEY CHANNEL RANGE AXIS 1934
W. RADIO MAST 1941
CRE 1941

Sheets of which no number is listed had no stations established.

Photo-hydro signals were selected and identified throughout the area. The signals were marked and described, briefly, to aid the hydrographer, except sheets T-10547, T-10552, T-10553, T-10556, T-10557, T-10559, T-10561, T-10562 and T-10565 where the signals were built then located by graphic triangulation.

12. OTHER INTERIOR FEATURES

Roads within the limits of inspection were classified according to project instructions.

Buildings were inspected and indicated according to project instructions.

Clearances were determined for bridges and cables over navigable waters:

OVERHEAD CABLE (POWER) HILLSBOROUGH RIVER - T-10546 - just west of North Boulevard bridge. 54 feet above MHW.

OVERHEAD CABLE (POWER) HILLSBOROUGH RIVER - T-10546 - 1.1 miles northwest of North Boulevard bridge. 60 feet above MHW.

OVERHEAD CABLE (POWER) MCKAY BAY - T-10547 - 42 feet above MHW.

OVERHEAD CABLE (POWER) LITTLE MANATEE RIVER - T-10562 - 4 miles upstream from U. S. 41 Bridge, 48 feet above MHW.

OVERHEAD CABLE (POWER) BETWEEN HIGHWAY AND RAILROAD BRIDGE, 48 feet above MHW - T-10562.

OVERHEAD CABLE (COMMUNICATION) 39 feet east of railroad bridge, 60 feet above MHW - T-10562.

OVERHEAD CABLE (POWER) ALAFIA RIVER - T-10557 - west of U. S. 41, 45 feet above MHW.

OVERHEAD CABLE (COMMUNICATION) between highway and railroad bridges, 29 feet above MHW - T-10557

Bridge clearances were determined as follows:

HILLSBOROUGH RIVER			HORIZONTAL		VERTICAL	
NAME	SHEET	TYPE	BRIDGE BOOK	FIELD	BRIDGE BOOK	FIELD
PLATT ST.	T-10546	B	80 FT.	80 FT.	15 FT.	14 FT.
LAFAYETTE ST.	T-10546	B	75 "	75 "	10.8 "	15 "
CASS ST.	T-10546	B	75 "	78 "	13 "	14 "
ACL R. R.	T-10546	B	75 "	75 "	6.3 "	6.8 "
FORTUNE ST.	T-10546	B	75 "	75 "	12 "	13 "
GARCIA AVE.	T-10546	SW	50 "	50 "	6 "	9.5 "
COLUMBUS DR.	T-10546	SW	50 "	50 "	10 "	11.2 "
HILLSBOROUGH AVE.	T-10546	Vert Lift	60 "	73 "	53 (open) Not listed	61 " (closed) 11 "
DE LEON ST.	T-10546	Fixed	34.7 "	36 "	10 "	9 "
LITTLE MANATEE RIVER						
U.S. 41	T-10562	SW	50 "	49 "	5.5 "	6 "
*~~ACL R. R.~~ Tampa Sou.	T-10562	SW	40 "	41 "	3 "	5 "
CTY. RD.	T-10562	Fixed	Not listed	18.5 "	Not listed	8 "

* Listed in Bridge book as Sou. R. R.

MK NAME	SHEET	TYPE	HORIZONTAL BRIDGE BOOK	HORIZONTAL FIELD	VERTICAL BRIDGE BOOK	VERTICAL FIELD
ALAFIA RIVER						
U. S. 41	T-10557	Fixed	Not listed	54 FT	Not listed	28 FT
* ~~AGL R. R.~~ Tampa Sou.	T-10557	SW	40 FT	40 "	4 FT	6 "
*Listed in bridge book as Sou. R. R.						
PALM RIVER						
U. S. 41	T-10547	Fixed	New bridge not listed	40 FT	New Bridge not listed	13.5 FT
ACL R. R.	T-10547	"	Not listed	26 "	Not listed	6.3 "
HILLSBORO BAY						
22ND ST.	T-10553	Fixed	Not listed	64 FT	Not listed	16 FT
OLD TAMPA BAY						
COURTNEY CAMPBELL CAUSEWAY	T-10543	B	60 FT	55 FT	13.3 FT	13 FT
" "	T-10543	Fixed	Not listed	16 "	Not listed	9 "
" "	T-10544	"	" "	10 "	" "	4 "
GANDY (NORTH)	T-10551	"	" "	65 "	" "	43 "
GANDY (SOUTH)	T-10551	B	75 FT	65 "	13.4 FT	13 "
PAPYS BAYOU						
PAPYS BAYOU	T-10554	Fixed	20 FT	16 FT	8.6 FT	5.9 FT
SMACKS BAYOU						
SMACKS BAYOU	T-10558	Fixed	23 FT	28 FT	7.5 FT	6.7 FT

NAME	SHEET	TYPE	HORIZONTAL BRIDGE BOOK	HORIZONTAL FIELD	VERTICAL BRIDGE BOOK	VERTICAL FIELD
COFFEE POT BAYOU						
COFFEE POT BAYOU	T-10558	Fixed	34 FT	34 FT	4 FT	4 FT
BIG BAYOU						
LEWIS ISLAND NORTH BR.	T-10560	Fixed	Not listed	38 FT	Not listed	8.5 FT
LEWIS ISLAND SOUTH BR.	T-10560	"	" "	13 "	" "	4.5 "
FRENCHMAN CREEK						
U. S. 19	T-10560	Fixed	Not listed	26 FT	Not listed	16 Ft.
SUNSHINE SKYWAY						
U. S. 19	T-10560	B	Not listed	90 FT	Not listed	21 FT
U. S. 19	T-10564	Fixed	" "	50 "	" "	16 "
SHIP CHANNEL U. S. 19	T-10568	"	" "	800 "	" "	149 "

Some of the bridges have evidently been changed and not revised in the Bridge Book. The bridges over COFFEE POT BAYOU, PAPYS BAYOU and SMACKS BAYOU are listed as bascule but are now fixed.

Six airports are located within the project:

TAMPA INTERNATIONAL) are large facilities affording
PINELLAS COUNTY INTERNATIONAL) accommodations for all types of commercial aircraft.

MACDILL AIR FORCE BASE) is home for a wing of the Strategic Air Command

PETER O. KNIGHT) are primarily used by smaller
ALBERT WHITTED) private planes

MULLET KEY) landing strip for small light aircraft

13. GEOGRAPHIC NAMES

A systematic investigation of geographic names was not required. Only one discrepancy was noted during field operations. The name PALM RIVER is used locally for the lower part of the stream charted as SIX MILE CREEK. See enclosed copies of previous investigation and recommendations.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Planetable sheets TFU-A-57 through TFU-F-57 were forwarded to the Norfolk District Office on 21 May 1958.

15. GRAPHIC TRIANGULATION

Photographs were not available at the beginning of field operations. A scheme of triangulation (See Item 3) was run to locate aids to navigation and to provide control for graphic triangulation. Hydrographic signals and secondary aids to navigation were located on six metal mounted sheets. These sheets are located along Hillsboro and McKay Bays and are numbered TFU-A-57 through TFU-F-57.

Submitted by

George E. Varnadoe

George E. Varnadoe
Photo Engr.

APPROVED AND FORWARDED

Arthur L. Wardwell

Arthur L. Wardwell
Tampa District Officer

P. O. Box 1158, Ship SCHEEK
Sarasota, Fla.

29 September 1954

To: The Director
U. S. Coast & Geodetic Survey
Dept. of Commerce Bldg.
Washington 25, D. C.

Subject: Geographic Name, Recommended Change in.

It has been brought to my attention that a geographic name in the Tampa Bay area should probably be changed on our charts. An investigation reveals that the lower, tidal part of the stream called Sixmile Creek is known locally as Palm River. This stream empties into McKay Bay at Lat. 27°-56.5 N., Long. 82°- 24.7 W., and appears, in part, on charts 587 and 1257, on the TAMPA sheet 4559 IV NW, published by the Army Map Service, and on the MANGO QUADRANGLE topographic sheet published by the Corps of Engineers, U. S. Army. Below is a list of facts regarding this stream:

1. The highway bridge about 0.7 mile above the mouth is known as the Palm River Bridge, and is so shown on the TAMPA topographic sheet mentioned above.

2. The first road south of this stream, running roughly parallel to it, is known as, marked, and shown on the topographic sheet as Palm River Road.

3. The large new school serving this area is named Palm River School.

4. Several commercial establishments nearby include Palm River in their names.

5. Several residents of the locality were interviewed. All of them said that the waterway is called Palm River.

6. This name 'Palm River' is not applied to this stream where it is a narrow, fresh-water drainage stream. The residents of Orient and the settlement known as Sixmile Creek call that part of the stream in their vicinity 'Sixmile Creek'.

From my investigation, it is apparent that this stream is considered by all the local inhabitants to be two separate and distinct streams; that is, Palm River in the wider part, up to about the crossing of the Seaboard Air Line railroad track at about Lat. 27° - 57.3 N., and Sixmile Creek above that point. It is recommended that the charted names be thus changed in order to agree with local usage.

Arthur L. Marshall
Commander, USC&GS

c.c.: Tampa Photogrammetric Office.

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

73-lmh

10 June 1957

To: Tampa District Officer
Coast and Geodetic Survey
P. O. Box 190
Tampa, Florida

Subject: Nine-lens photographs - Project 27380, Tampa Bay

Nine-lens photographs Nos. 55978 thru 56000 are very poor quality. The photographs will be satisfactory for radial plotting, if care is exercised in picking the passpoints. In areas of poor definition it is suggested that the infrared photographs be tied to the nine-lens plot for detailing the fogged areas.

We do not know the reason for the poor quality nine-lens photographs but believe it is a form of solarizing caused by exposure to light after developing started.

L. W. Swanson, Chief,
Photogrammetry Division

PHOTOGRAMMETRIC PLOT REPORT

21. AREA COVERED

A continuous radial plot was run for all of Ph-171(57) and extended into Ph-100(52) to check the junction and provide photo-hydro control in the northern part of Ph-100(52).

The sketch on page 22 of this report shows the maps, the identified control, index of control, centers of photographs used and the extent to which this plot overlapped Ph-100(52).

22. METHOD

Radial Plot:

Map manuscripts: The map projections, on vinylite, are 3'45" in latitude and longitude with the exception of T-10659, T-10660 and T-10665 which are 3'45" in latitude and 4'15" in longitude.

The base grids used for laying the plot were vinylite with the 5000 feet interval at 1:10,000 scale.

Photographs: The nine-lens photographs furnished for the plot were satisfactory with the exception of photographs 55978 through 56000 which had fogged areas (see accompanying letter from Chief Division of Photogrammetry.) It was not necessary to use the single-lens ratio photographs. The photographs used were: 55865 through 56104 with breaks for the flight lines (see sketch.)

Templets: Vinylite templets were made from all the photographs using master templet 53605 (1956-1957) for correction of transforming errors and paper distortion.

Closure and Adjustment: The plot was run in groups of maps and conventional methods were used. No unusual problems were encountered and all control was held.

The plot joined Ph-100(52) on the south and was extended into that project (see shaded area on sketch) to give the hydrographer new signals and show shoreline changes.

Fourteen pass points common to Ph-100(52) were independently located and positions compared to provide a check. The maximum discrepancy was 0.2 mm with 10 points exactly common.

23. ADEQUACY OF CONTROL

The control was adequate and all positively identified control was held.

Some of the fixed aids to navigation in Tampa and Hillsborough Bays were located by radial plot before they were located by triangulation. Very good checks were obtained.

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

The nine-lens photographs taken on 9 and 16 April 1957 at about 1:10,000 scale has satisfactory coverage despite the flogged areas mentioned in Item 22 under Photographs. With the exception of the flogged areas the photographs were sharp and of good contrast.

Single lens infra-red photographs, Camera L, were taken at 1:20,000 scale on 16 April 1957 with coverage of the shoreline. Two diameter enlargements were furnished this office and although not used for the plot, two of the photographs covering Egmont Key on T-10566 were located for the compiler.

Pass points and photo-centers for this project are shown on the maps in blue; Pass points common with Ph-100(52) on T-9631, T-11079 and T-11080 have red circles inside the blue circles carried over from the Ph-100 plot. 1958 pass points on these three maps are shown with 0.6 mm red circles.

26. GENERAL

Date of completion of the photogrammetric plot by maps are as follows:

T-10546, 10547, 10552 and 10553	on 30 June 1957
T-10561, 10562 and 10565	7 August 1957
T-10559	12 August 1957
T-10557	13 August 1957
T-10556	14 August 1957
T-10555	23 September 1957
T-10550 and T-10554	25 September 1957
T-10558	30 September 1957
T-10560	1 October 1957
T-10542 and T-10543	19 November 1957
T-10548 and T-10549	20 November 1957
T-10544, T-10545 and T-10551	27 November 1957
T-10563 and T-10566	20 February 1958
T-10567	21 February 1958
T-10564 and T-10568	15 April 1958
Extension into Ph-100(52)	16 April 1958

Respectfully submitted,

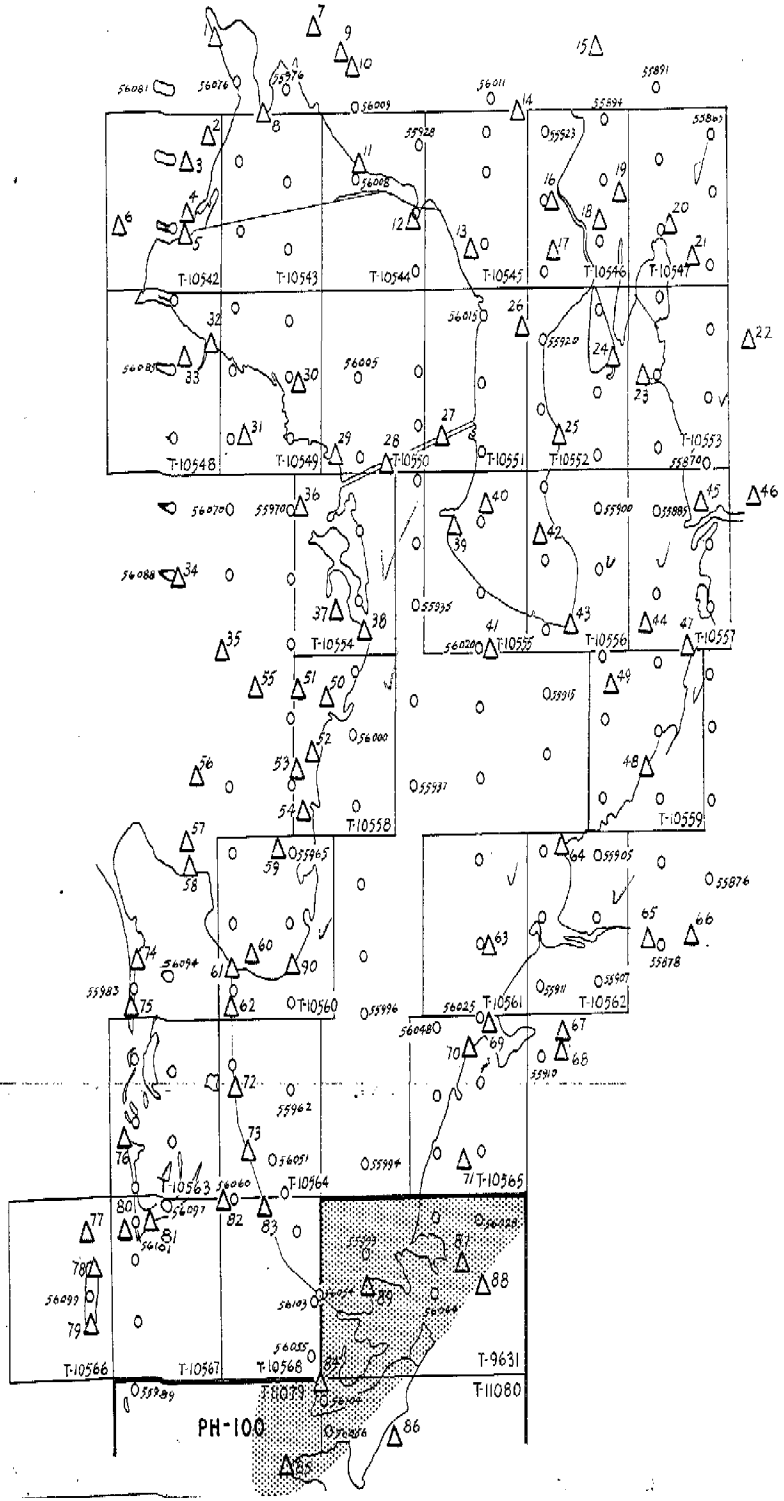
Robert R. Wagner

Robert R. Wagner
Carto-Photo Aid
Tampa Photogrammetric Office

APPROVED AND FORWARDED:

Arthur L. Wardwell

Arthur L. Wardwell
Chief of Party



SKETCH FOR REPORT ON PHOTOGRAMMETRIC PLOT OF PH-171

△ HORIZONTAL CONTROL

○ CENTER OF NINE LENS PHOTOGRAPH

LIST OF CONTROL

1. Y 27 (RGS) 1934
2. SAFETY HARBOR SILVER MUNICIPAL WATER TANK, 1926
3. Y 21 (RGS) 1934
4. Y 19 (RGS) 1934
5. Y 18 (RGS) 1934
6. Y 32 (RGS) 1934
7. P 15-2 (RGS) 1934
8. SCOTT 1926 Rv 4 1951
9. P 18 (RGS) 1943
10. P 17 (RGS) 1943
11. STONY, 1926
12. ROCKY POINT, 1925
13. CYPRESS, 1934
14. TT 10 JPS USGS 1955
15. SULPHUR SPRINGS MUNICIPAL WATER TOWER, 1934
16. TAMPA, GARCIA & VEGA CIGAR CO. SILVER W.T., 1934
17. TAMPA, 115TH FIELD ARTILLERY SILVER W.T. 1934
18. TAMPA, SILVER MUNICIPAL W.T. (HENDERSON & JEFFERSON STS.) 1934
19. TAMPA, SILVER MUNICIPAL W.T. (21ST. AVE.), 1934
20. TAMPA, CONTINENTAL CAN CO. TANK, 1957
21. TAMPA, RADIO MAST WTOK, 1957
22. TAMPA, PENINSULAR TELEPHONE CO. MOBILE MAST, 1955
23. BLACK, 1957
24. KNIGHT, 1946
25. TH 5 (USE) 1957
26. PALMA CEIA CHECKERED W.T., 1946
27. GANDY, 1926
28. RADIO TOWER GANDY SOUTH WSUN, 1951
29. PETE, 1908
30. DOG 1908
31. Y 4 (RGS) 1943
32. JORDAN, 1934
33. Y 7 (RGS) 1934
34. PINELLAS PARK SILVER MUNICIPAL W.T., 1934
35. Y 108 A (RGS) 1939
36. Y 1 (RGS) 1944
37. Y 48 (RGS) 1934
38. Y 50 (RGS) 1944
39. PORT TAMPA SHELL OIL CO. CONCRETE STACK, 1934
40. PORT TAMPA CATHOLIC CHURCH SPIRE, 1908
41. TAMPA AIR, CUT F CHANNEL RANGE REAR LT., 1957
42. M&C HILL FIELD CHECKERED W.T., 1946
43. CAPSTEN 2, 1908
44. HILLSBORO BAY CUT A CHANNEL RANGE REAR LT., 1957
45. EAST TAMPA, U. S. PHOSPHORIC CO. SOUTHEAST TANK, 1957
46. F 20, 1943
47. STUMP, 1957
48. ROUGH, 1957
49. HILLSBORO BAY CUT C CHANNEL SOUTH RANGE REAR LT., 1957
50. ST. PETERSBURG, CLARKS SUNSET GOLF COURSE, RED W.T., 1934
51. Y 43 RESET (RGS) 1950
52. ST. PETERSBURG, VINOY PARK HOTEL CUPOLA, 1926
53. ST. PETERSBURG, FIRST METHODIST CARILLON TOWER FINIAL, 1934
54. ST. PETERSBURG, FLORIDA POWER CORP. RED BRICK STACK, 1934
55. Y 46 (RGS) 1934
56. Y 101-2 (RGS) 1950
57. GULFPORT, SILVER MUNICIPAL TANK FLAGPOLE, 1934
58. BOB, 1936
59. Y 126 A (RGS) 1934
60. Y 107 B (U.S.C.G.S.) 1934
61. WAYNE 2, 1954
62. TAMP, 1954
63. TAMPA BAY CUT C RANGE REAR LT., 1957
64. TH 9, 1957
65. TC 118 (RGS) 1943
66. RUSKIN, 1934
67. SUN CITY POWER CO. SILVER W.T., 1934
68. TC 115 (RGS) 1939
69. MONT, 1934
70. COCKROACH (USE), 1908
71. TC 114 (RGS) 1939
72. PINK, 1954
73. SPANK, 1954
74. PASS-A-GRILLE BEACH, DON CE SAR SILVER W.T., 1934
75. Y 135 (RGS) 1939
76. NORAIL 2 (USE), 1957
77. BELMONT CHANNEL RANGE FRONT LT. 1957
78. BELMONT KEY L.H. REAR RANGE, 1871
79. SAC (USE), 1943
80. BELMONT CHANNEL RANGE REAR LT., 1957
81. MULLET KEY, U.S. QUARANTINE STATION WATER TOWER W.T., 1908
82. MULLET KEY SHORE LT., 1925
83. NORTHEAST TOWER AIRCRAFT OBSTRUCTION LT., 1954
84. GIL, 1954
85. SARAPS, 1924
86. MANATEE FRUIT CO. BLACK W.T., 1934
87. TC 110 (RGS) 1939
88. GILLETTE, 1934
89. JOE (USE), 1933
90. PINELLOS 2, 1908

MAP T-10558 PROJECT NO. PH 171 SCALE OF MAP 1-10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID OR PROJECTION LINE IN FEET OR METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LIN IN METERS FORWARD (BACK)
ST PETERSBURG							
JIMMY ANN HOTEL CUPOLA 1946	GD 238	NA 1927	27 46 46.264 82 37 50.235			1239.1 (607.5) 1375.4 (267.4)	PI RD Copy
ST PETERSBURG FOR SUNSET GOLF [illegible] SE, RED W.T. 1934	GM 207	"	27 47 49.211 82 37 14.978			1524.8 (332.1) 410.0 (232.5)	PI RD Copy
ST PETERSBURG 26, FLA POWER CORP RED GD [illegible] 1934	GM 208	"	27 45 38.267 82 38 13.748			870.1 (976.8) 349.1 (1294.0)	PI RD Copy
ST PETERSBURG 86 FIRE METH CH CARILLON TOWER E WIN 1934	GM 207	"	27 46 24.261 82 38 14.988			746.8 (1100.1) 410.4 (1232.4)	PI RD Copy
Y 43 RESET 1950 (E&S)	OFFICE FILE	"	1,260,116.21 293,529.58	746.21 (4283.29) 529.58 (1472.42)			PI RD Copy
[illegible]	FIELD SHEET	NAD 1927	27 47 39.321 82 35 57.354			1228.8 (615.1) 1510.1 (72.4)	PI RD Copy
TAMPA BAY CUT J CHANNEL RANGE REAR LT MST	"	"	27 45 12.416 82 34 20.341			74.4 (1772.5) 552.1 (1086.1)	"
TAMPA BAY CUT J CHANNEL RANGE FRONT 1957	"	"	27 47 33.654 82 35 19.828			1035.9 (811.0) 378.6 (1264.0)	PI RD
TAMPA BAY CUT R CHANNEL RANGE REAR 1957	"	"	27 47 56.168 82 34 55.987			1728.9 (118.0) 1532.6 (109.9)	"
TAMPA BAY CUT R CHANNEL RANGE FRONT 1957	"	"	27 48 45.835 82 34 33.758			1410.8 (436.0) 924.0 (718.2)	"
ST PETERSBURG MUNI FIRE BUILDING AT EAST END CUPOLA, FLAGPOLE 1934	GM 208	"	27 46 29.85 82 37 19.31			734 (1118) 529 (1114)	"
ST PETERSBURG MUNI TANK (134 AMC NANUS HST) 1934	GM 207	"	27 47 05.080 82 38 26.271			156.4 (1690.5) 719.2 (973.5)	PI RD

1 FT = .3048006 METER

COMPUTED BY: RPWhaley DATE 6 Sept 57 CHECKED BY: AHat DATE 7 Sept 57

M-2388.12

12 63

FORM 168
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10558 PROJECT NO. Ph 171 SCALE OF MAP 1:10,000 SCALE FACTOR ———

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR φ-COORDINATE LONGITUDE OR λ-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Sub DT Y 101 - 2, 1950	Comp	NAD 1927	4249,952.40 273,404.13	4,953.4 (46.6) 3,404.1 (1595.9)	West of Map		PIRAU 18 Sept CUP "
Sub DT Y 46 (FGS) 1934	"	"	4240,126.38 285,214.89	126.4' (4873.6) 214.9' (4785.1)	West of Map.		PIRAU 18 Sept CUP "
ST PETERSBURG CLARKS, GPS SUNSET GOLF COURSE CLUBHOUSE TOWER 1934	207	"	27 47 48.453 82 37 15.462			449.4 (335.5) 423.3 (1219.2)	" "
Weedon 1 Chan Range Rear LT 1958	Field Comp	"	27 52 06.007 82 35 23.089			184.9 (1662.0) 631.6 (1009.8)	" "
Weedon 1 Chan Range Front LT 1958	"	"	27 51 43.263 82 35 12.220			1331.7 (815.2) 334.3 (1307.2)	" "

1 FT. = 3048006 METER

COMPUTED BY: LRW DATE 6 Sept 57 CHECKED BY: RJ Pate DATE 7 Sept 57

COMM-DC-57843

MAP T- 10542 PROJECT NO Ph 171 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Y-2 (F.G.S.) 1934	[illegible]		1,326,899.62 271,205.47	1,899.62 (3,100.38) 1,205.47 (3,794.53)			PI [illegible] Nov/57 PKW
[illegible]	[illegible]	[illegible] 1927	[illegible] 22 41 [illegible]			[illegible] (909 [illegible]) [illegible] (377 [illegible])	[illegible] [illegible]
Y 18 (F.G.S.) 1934	[illegible] Pan print		1,318,954.52 271,167.85	3,954.52 (1,045.18) 1,167.85 (3832.15)			[illegible] WWD FEB 6/58 [illegible]
Y 19 (F.G.S.) 1934	[illegible]		1,320,543.19 271,173.66	543.19 (4,456.81) 1,173.66 (3,826.34)			PI WWD FEB 6/58 WHS
Y32 (F.G.S.) 1934			1,318,937.41 260,412.16	3,937.41 (1,062.59) 412.16 (4,587.84)			PI WWD FEB 6/58 WHS

8

1 FT. = .3048006 METER

COMPUTED BY: R.J. Pate DATE 1 Nov 57 CHECKED BY: [illegible] Wagner DATE 1 Nov 57

M-2388-12

Form 168
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10542 PROJECT NO. 14020 SCALE OF MAP 1:10,000 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 FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
Sub Sta. Y-18, 1934	comp		1,318,958.82 ✓	3,959.0'	(1,041.2)				A R.P. Nov 1, 57	
			276,998.69 ✓	1,114.6'	(3,885.4)				PRM Nov 57	
Sub. Sta. Y-19 1934	comp		1,322,559.88'	558.9'	(4441.1)					
			277,145.42 ✓	1,145.4'	(3,854.6)					
Sub. Sta. Y-27 (PGS) 1934	comp		1,343,159.25'	3,159.3'	(1,840.7)	North of Sheet			P.R.P. "	
			276,937.40 ✓	1,937.4'	(3,062.6)				" " "	
Sub Sta. Y-32, 1934	comp		1,318,958.82 ✓	3,958.8'	(1,041.2)					
			260,998.69 ✓	598.7'	(4,101.3)					

1 FT. = .3048006 METER

COMPUTED BY: R.L.P. DATE 1 Nov. CHECKED BY: R.R. Wagner DATE 1 Nov 57

COMM-DC-57843

FORM 161
(4-23-5[illegible])

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPO[illegible] — CONTROL RECORD

North of —

MAP T-10543 PROJECT NO. 14020 SCALE OF MAP 1:10,000 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 FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
D-18 B(FGS) 1934	County Pamphlet		1,344,052.64 ✓	4,052.64 ✓	(947.36)				PLPW 4 Nov 57	
			295,964.25 ✓	964.25 ✓	(4035.75)				RJP "	
RM-4 BOOTH 1926	Comp		2B [illegible]				[illegible]	(.7003)		
			82 39				1262.4	(3765)	✓ RJP " "	
D-18 (FGS) 1934	County Pamphlet		1,340,448.25	448	(4552)				"	
			302,189.22	2,189	(2811)				"	

1 FT. = 3048006 METER

COMPUTED BY: R R Wagner | DATE 4 Nov 1957 | CHECKED BY: R J Pate | DATE 4 Nov 57

COAST-GEOD-5784

Form 567
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10544 PROJECT NO PH 171 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
	GPS	NA	27 58 56.531			1740.1 (106.8)	1.000 0.999
STONY 1926	744	1927	82 36 14.981			409.4 (123.12)	1.000 0.999
	GPS	NA	27 57 42.202			1453.0 (393.9)	1.000 0.999
ROCKY POINT 1875	723	1927	82 34 19.316			528.0 (111.28)	1.000 0.999

1 FT. = 3048006 METER

COMPUTED BY: RL Wagner | DATE 4 Nov 1957 | CHECKED BY: RJ Pate | DATE 4 Nov 57

COMM-DC-57843

MAP T- 105 #4 PROJECT NO. Ph 171 SCALE OF MAP 1: 10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Sal. Te.	T.P.	NA	27 58			1549.1 (297.8)	
57 [illegible] 1126	[illegible]	[illegible]	8 36			237.7 (1401.9)	[illegible]
[illegible]	[illegible]		336,612.73	[illegible] (1,389.)	[illegible]	[illegible]	
D-17 [illegible]			334,629.57	4,629.6 (3724)			
Sand Te.			27 5[illegible]			1425.6 (42.8)	
Rocky Point 1875			28 34			538.2 (1102.6)	[illegible]

1 FT. = 3048006 METERS

COMPUTED BY: R.L.P. DATE 1 Nov. CHECKED BY R.L. DATE 1 Nov.

M-2300-12

9

FORM 568
14-23.5

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10545 PROJECT NO. 14020 SCALE OF MAP 1/10,000 SCALE FACTOR —

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ϕ-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
CYPRESS, 1934	C.P. - PH 11	N.A. -27	37 57 07 [illegible] 82 32 02.564			2013 (1625.6) 954 (1542.8)	PH. 115 18 June '57 " " " "
SUB STA CYPRESS, 1934	Comp.	"	37 57 82 32			219.7 (1622.2) 119.2 (1521.0)	PH. 115 14 June '57 " " " "
TT 10 JFS, U.S.G.S., 1955	U.S.G.S. Keystone Pr. Rad.		y = 1,332,747 336,903			2747 (2253) 1903 (3097)	PH 115 14 June '57 " " " "

1 FT = .3048006 METER

COMPUTED BY: M.M. Slavney — DATE 29 May, 1957 — CHECKED BY: P.R. Wagner — DATE 29 May 57

COMM-DC-5784

FORM 161
4-23-54

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-1054C PROJECT NO. 14020 SCALE OF MAP 1:10,000 SCALE FACTOR —

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR φ-COORDINATE / LONGITUDE OR λ-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	Plotted by FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Tampa silver mun. water tank (old tank) 1934	Fig. G.P. p. 213	N.A. 1927	27 58 14.031 82 26 41.481			431.9' (1415.0') 1133.7' (5061')	RRW-LWagner 57 MMS " " "
Tampa, Silver Mun. W.T. (Henderson & McKinnon Sts) 1934	"	"	27 57 34.342 82 27 24.779			1054.7' (792.2') 602.6' (1017.4')	RRW " " " MMS " " "
Tampa, Garcia & Vega Cigar Co. Silver W.T. 1934	Pge. 210	"	27 58 02.846 82 27 08.193			876' (1759.3') 323.9' (1416.0')	RRW " " " MMS " " "
Tampa, 116 Field Artillery, Silver W.T. (Harn. 19-4), 1934	Pge 211	"	27 58 57.789 82 27 25.992			1726.9' (68.0') 163.8' (1476.4')	RRW " " " MMS " " "
Sulphur Springs White, mun. water tower, 1934	Pt Coord pg 13		φ = 1,340,599.15 λ = 351,887.27	North of Map.		599.2' (N. 400.8') 1,887.3' (3,112.7')	MMS " " " " " " "
Tampa, Garcia and Bros. W.T.	G.P. Pg 213		outside limits				
Tampa, Regenberg Cigar Factory No. 50,	GPS Pg 213						
Tampa, City Hospital Brick Stack, 1934	G.P. p-213	"	27 57 15.510 82 27 29.138			477.4' (1369.5') 796.6' (843.7')	Plotted

1 FT = 3048006 METER

COMPUTED BY: M.M. Slavney DATE 28 May, 1957 CHECKED BY: R.R. Wagner DATE 29 May 57

COMM-DC-5704

FORM 163
14-23-5

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10547 PROJECT NO. 14020 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	Power 47 FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Tampa, Continental Can Co. Tank, 1957	Field position	N.A. 1927	27 57 27.604 82 24 47.333			849.7 (997.2) 1293.8 (346.2)	RRW - 7 June 57 MMS " " "
Tampa Radio Mast WIOK, 1957	"	"	27 56 50.805 82 23 48.648			1563.8 (283.1) 13299 (310.3)	RRW - 7 June 57 MMS. " " "
SOT 1957	"	"	27 56 46.094 82 25 41.981			1418.9 (428.0) 1147.6 (492.6)	RRW 8 July 57
Tamp American Can & TK (CLOSE) 1957	"	"	27 57 14.829 82 25 51.973			456.5 (1390.4) 1420.7 (219.4)	RRW 8 July 57
ALAMO 1957	"	"	27 57 13.564 82 25 00.486			417.5 (1429.4) 133 (1426.8)	RRW 8 July 57

1 FT. = 3048006 METER

COMPUTED BY: M.M. SLAUNEY DATE 29 May, 1957 CHECKED BY: R.R. Wagner DATE 29 May 57

COAST. DC-5784

FORM 568
(4-23-56)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10546 PROJECT NO. 10420 SCALE OF MAP 1:10,000 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 FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
JORDAN 1934	G.P. Page 115	N.A. 1927	27 55 12.034				370.4" (1476.2)			
			82 41 35.033				965.0" (1277)		" "	
Y-7 (FGS) 1934			1,302,[illegible]3.0	2,713.0 (2,987.0)					91-7E N. 15 Jan 58	
			270,[illegible]88.23	786.2 (4,211.8)					" 115 "	
CROSS, 1926	p. 743	"	27 55 05.584				171.9" (1675.0)		Pt 96 S. 15 Jan 58	
			82 41 18.911				517.1" (1123.6)		" 115 "	
S.P. Y-7	Comp		1,302,644.36	2640.4 (2358.6)						
			270,856.74	856.7 (4,143.3						

1 FT = 3048006 METER

COMPUTED BY: R.K. Wagner DATE 29 May 57 CHECKED BY: R.J. Pate DATE 29 May 57

CGSM-DC-57843

MAP T. 10549 PROJECT NO. Ph-171 SCALE OF MAP 1:10,000 SCALE FACTOR —

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Y4 Fla. G.S, 1934	Pinellas County F.S.	NA 1927	y = 42,662.78 x = 280,736.8	22.88 (23312) 2,736.8 (2,063.2)			
DOG, 1938	S.P. M 723	NA 1927	27 54 22.135 82 21 26.733			681.4 (1115.5) 723.1 (917.8)	P.F. 2 4 Sept
SP Y4	Comp		42,92.7=0.41 282 189.2	2924.9 (2075.1) 2189.3 (2810.7)			

1 FT. = .3048006 METER

COMPUTED BY: W. M. Stanley DATE 29 Aug. 1957 CHECKED BY: C. E. Wingard DATE 4 Sept 57 OK

M-2300-12

Form 168
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10550 PROJECT NO. 14020 SCALE OF MAP 1:10,000 SCALE FACTOR —

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ϕ-COORDINATE LONGITUDE OR λ-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
SP PETE 1908	Comp	NA 1927	27 52 82 37			1614.1 (232.8) 41.1 (1600.1)	PIRKW Sept 57 " " " "
RADIO TOWER WSUN 1951	"	"	27 52 23.14' 82 35 23.14'	[illegible]		[illegible]	[illegible]
[illegible] WSUN, 1931	"	"	27 58 [illegible] 82 2[illegible]	[illegible]		[illegible]	PI RKW 8 Oct ETO
PETE 1908	GB 722	"	27 52 57.489' 82 37 01.664'			1584.9 (262.0) 45.5 (1598.7)	RRW ETO

1 FT. = 3048006 METER

COMPUTED BY: H.W. Wagner DATE: 5 Sept 57 CHECKED BY: R.I. Pate DATE: 5 Sept 57

COMM-DC-57643

Form 529
(4-23-57)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10551 PROJECT NO. 1402 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LIN IN METERS FORWARD (BACK)
Palmo Ceia, Check-and tank, 1946	G.P.'s p. 868	N.A. 1927	27 55 30.403			935.9 (911.0)	A. HS 10 June '57
			82 30 12.993			355.3 (1085.3)	" " " "
	G.P.'s 723	"	27 53 16.059			494.3 (1353.6)	A. HS 10 June '57
GANDY 1926			82 33 06.407			175.2 (1465.9)	A. HS " "

1 FT. = .3048006 METER

COMPUTED BY: M.M. Slaney DATE 28 May, 1957 CHECKED BY: R.R. Wagner DATE 29 May 57

Comm-DC-5784

Form 528
Rev. 23-

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10552 PROJECT NO. 14020 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
KNIGHT, 1946	G.P. Pos. 867	N.A. 1927	27 54 42.257 82 26 56.239			1300.7 (541.2) 1537.9 (104.8)	Pl. HS 10 June 57 " " "
T. 5 (USE) 1957	FIELD Pos.	"	27 53 13.968 82 28 50.158			429.9 (1412.8) 1371.9 (269.2)	Pl. HS 10 June 57 " " "
LT 24, 1957	"	"	27 53 00.908 82 26 23.746			89.5 (1757.4) 648.5 (991.7)	Pl. RJP 18 Mar 58 / RRW 19 Mar 58
1957	"	"	27 53 03.246 82 26 28.996			99.9 (1747.0) 793.1 (848.1)	Pl. RJP 18 Mar 58 / RRW 19 Mar 58
NAME 1957	"	"	27 55 34.474 82 28 49.179			1061.1 (785.8) 1344.6 (295.9)	Pl. RJP 19 " " / RRW 19 " 58
DOT 1941/1957	"	"	27 55 15.610 82 27 45.554			480.6 (1366.4) 1246.6 (395.0)	Pl. RJP 19 " " / RRR 19 " 58
DAVY 1946	G.P. 867	"	27 54 36.272 82 27 44.055			1116.5 (730.1) 1204.7 (436.1)	Pl. RJP 19 " " / RRW 19 " 58
SHORE 1957	FIELD Pos	"	27 55 58.111 82 28 04.961			1786.7 (58.2) 135.6 (1504.8)	Pl. RJP 19 " " / RRW 19 Mar 58
COL (1941) 1957	"	"	27 54 44.966 82 29 28.467			1384.1 (462.8) 278.4 (862.3)	Pl. RJP 19 " " / RRW 19 Mar 58
BUT (1941) 1957	"	"	27 55 56.474 82 28 10.272			1738.4 (108.5) 280.8 (1359.6)	Pl. RJP 19 " " / RRW 19 Mar
~~TAMPA, CITY HOSPITAL BRICK STACK, 1936~~	~~G.P. P. 313~~	"	~~27 56 15.510~~ ~~82 27 29.138~~			~~777.4 (1369.5)~~ ~~776.6 (848.7)~~	
SPANISH SANITARIUM SOUTH DOME, 1908	G.P. 737	"	27 55 08.595 82 29 31.925			139.9 (1707.0) 870.2 (770.5)	Pl RJP 19 Mar 58 / RRR 20 Mar 58

1 FT = 3048006 METER

COMPUTED BY: W.M. Slonney DATE 28 May 1957 CHECKED BY: R.R. Whynacht DATE 29 May 57

COMM-DC-57643

BK

FORM 567
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10552 PROJECT NO. 14020 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD
DAVIS 1946	G.P. 867	NA. 1927	27 54 29.137			896.9 (950.0)	P/ RJP 20
			82 27 29.701			812.2 (828.6)	RRW 20
ELEVATOR, 1957	Field pos.	"	27 55 11.145			343.1 (1503.8)	P/ RJP 20 "
			82 26 38.496			1052.6 (588.0)	RRW 20
TAMPA, HOOKERS PT. FLA. CEMENT CO. EAST STACK, 1957	"	"	27 56 03.384			104.2 (1742.7)	P/ RJP 20 "
			82 26 35.695			975.9 (664.5)	RRW 20
TAMPA, HOOKERS Point FLA. CEMENT CO. TALL CONCRETE Stack, 1934	GP 8.248	"	27 56 03.064			94.3 (1752.6)	P/ RJP 21 "
			82 26 39.951			1092.3 (548.1)	" " "
K K 1, 1947	G.P. p. 880	"	27 54 52.469			1,735.2 (108.7)	P/ RJP 21 " "
			82 26 55.417			1,515.3 (125.9)	" " " "
PETER 1946	" P 867	"	27 55 14.539			447.6 (1399.4)	
			82 26 54.796			1,496.7 (1439)	" " " "
PETER O KNIGHT AIRPORT WIND T 1946	G.P. 868	"	27 54 57.066			1,756.6 (90.3)	" " 21 "
			82 26 45.065			1,232.3 (408.4)	" " " "

1 FT = 3048006 METER

COMPUTED BY: [illegible] DATE 17 Mar 58 CHECKED BY: R R Wagner DATE 19 Mar 58

COMM-DC-57845

MAP T- 10553 PROJECT NO. 14020 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD
BLACK, 1957	[illegible]	N.A.	27 54 2[illegible].260			808.3 (1038.[illegible])	Pl. 115 10[illegible]
	Pos.	1927	82 25 4[illegible].249			1155.3 (465.5)	[illegible]
[illegible]	Pos.		2[illegible] 55 14.[illegible]	EAST OF		434.8 (14[illegible].[illegible])	Pl. 115 10[illegible]
[illegible] 1955	141		82 [illegible] 59.758	MAP		1634.0 (6.7)	[illegible]
	[illegible]		27 54 [illegible].493			600.0 (12[illegible].9)	Pl. RD [illegible]
[illegible]	727		82 24 54.262			1483.9 (1[illegible].9)	115 [illegible]
	19[illegible]		[illegible]			739.4 (1107.5)	"
[illegible]			82 [illegible] 14.223			334.0 (1251.6)	
	F[illegible]		[illegible]			[illegible].5 (9[illegible].[illegible])	"
[illegible] 1957			82 25 [illegible].[illegible]			456.1 (1184.4)	
[illegible]	[illegible]		27 53 37.063			1140.2 (706.7)	
[illegible]	Comp.		82 25 57.386		✓	1562.5 (71.5)	"
[illegible]	"		27 55 17.644		•	543.1 (1303.8)	
[illegible]			82 26 12.415		✓	339.5 (1301.2)	"
[illegible] 1957	F[illegible]		27 55 5[illegible].[illegible]			[illegible] (2329)	"
	[illegible]		82 25 45.691			1249.3 (391.2)	
	[illegible]		27 54 1[illegible].[illegible]			5[illegible].9 ([illegible])	"
[illegible]	[illegible]		82 2[illegible] 54.[illegible]			1494.9 ([illegible].9)	

1 FT. = .3048006 METER

COMPUTED BY: M.M. Slavney DATE 29 May 1957 CHECKED BY: [illegible] DATE 29 [illegible]

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10554 PROJECT NO. Ph 171 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DIST FROM GRID OR PROJ LINE IN METERS FORWARD
CAMPA BAYOU K WRANGLE CHANGE KEEP 1957	FIELD COMP	NA 1927	27 47 56.168			1728.9 (118.0)	RD Off
			82 34 55.987			1532.6 (109.9)	WHS "
TANK BAYOU K CHANGE TO RANGE FRONT. 1957	"	"	27 48 45.835			1410.8 (430.0)	
			82 34 53.758			924.0 (718.2)	WHS "
Y 1 (FGS) 1934	Control	"	1,283,605.29	3,605.3 (1,394.7)			RD
			293,518.69	3,518.7 (1,481.3)			WHS
W8 (FG) 1934			1,270,693.87	693.9 (4,306.1)			RD
			300,787.74	787.7 (4,212.3)			WHS
55 (FGS) 1934	"	"	1,268,075.94	3,075.9 (1,924.1)			RD
			306,158.30	1,158.3 (3,841.7)			WHS
	FIELD		27 49			6045 (12424)	"
BL 11 RM 1934	COMP		82 35			1952.8 (284.3)	"

1 FT = 3048006 METER

COMPUTED BY: [illegible] DATE 16 Sept 57 CHECKED BY: [illegible] DATE 16 Sept 1957

CGSA-OC-57843

DESCRIPTIVE REPORT - CONTROL RECORD

MAP T-10554 PROJECT NO. 14000 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD
[illegible]	[illegible]		[illegible]	778.3 (4221.7)			PIPKW
			[illegible]	[illegible]			
		N.A.	[illegible]			[illegible]	"
[illegible]		1927	[illegible]			[illegible] (4141)	"
	"		4,283,768.97	[illegible]			"
(FGS)			293,521.48	[illegible]			"
FELLS PARK RIVER MARKER [illegible]			[illegible] 345.94	West of 10554	USED in P/O X		
			269,[illegible]	(sta destroyed)			
Y 108 A			1,265,49[illegible].88	West of 10554		496.9 (4503.1)	PIPKW 10557
(FGS)			[illegible]	(sta destroyed)		3,576.4 (1,412.6)	[illegible]

1 FT = .3048006 METER

COMPUTED BY: R.L. Wagner DATE 5 Sept 57 CHECKED BY: [illegible] DATE 5 Sept 57

COMM-DC-57843

FORM 164
U. S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T- 10555 PROJECT NO. 14020 SCALE OF MAP 1:10,000 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 FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD
[illegible]	G.P. [illegible]	N.A. 1927	27 51 [illegible] 82 31 34.09				1576.5 [illegible]	(270.3) (703.4)	[illegible] 13 [illegible] 57
Tampa Bay Cut F Channel Range Rear Lt 1957	Field Pos	"	27 46 45.187 82 31 34.768				34?8 [illegible]	(455.9) (?5.9)	[illegible] June 57
[illegible] 1934	[illegible] 223		27 51 [illegible] 82 32 37.554				159?.? [illegible]	(1287.2) (214.2)	[illegible] Sept 57
[illegible] 1957	Field Pos	Florida Rock II p 86	27 47 59.140 (.113) 82 31 [illegible]	1820.4 → 664.7 →			1819.? 664.8	(21.5) (977.6)	[illegible]
[illegible]	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]				[illegible]	[illegible]	[illegible] 57
[illegible] 1934	223		27 [illegible] 82 32 [illegible]				11?.? 719.3	[illegible] 9?.?	[illegible] 57
[illegible]	[illegible]		[illegible] 43 82 32 43				[illegible] 121?	(311?) [illegible]	
[illegible]			[illegible]				[illegible]	(1761.7) [illegible]	
C ? B (I GS) 1934			y = [illegible] x = [illegible]	[illegible]					

8

1 FT = .3048006 METER

COMPUTED BY: [illegible] DATE 29 May, 1957 CHECKED BY: L. E. [illegible] DATE 29 May 57

COMM-DC-5784

Form [illegible] (4-23-56)

U. S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T- 10556 PROJECT NO. 14020 SCALE OF MAP 1:10000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
MacDill Field, checkered water tank, 1946	G.P.'s pge. 868	N.A. 1927	27 51 10.157			312.[illegible] (1534.3)	RRW 7 [illegible]
			82 29 33.283			9[illegible].6 (731.0)	WHS [illegible]
Gadsden, 2, 1908	" 722	"	27 49 17.326			533.3 (1313.6)	RRW " " "
			82 28 36.720			731.3 (910.8)	WHS [illegible]
Sub. Sta. Gadsden 2, 1908	Comp.	"	27 49			682.5 (1164.4)	RRW " " "
			82 28			806.3 (835.8)	WHS " "
MacDill Field hospital stack 1946	G.P's 867	"	27 49 29.883			919.8 (927.0)	[illegible] 9 Aug 57
			82 29 05.469			149.7 (1492.3)	[illegible] " "
[illegible]	G.P. [illegible]	"	27 50 31.402			[illegible]	[illegible] Sept 57
			82 28 [illegible]			[illegible]	RD 27 Sept 57
Dill, 1946	G.P's 867	"	27 51 44.313			1364.0 (482.9)	PL WHS 8 Oct 57
			82 29 16.722			457.5 (1184.0)	RRW 9 Oct 57
Macdill Field control tower, 1946	G.P's 868	"	27 51 08.156			251.1 (1595.8)	PL WHS 9 Oct 57
			82 29 41.256			1128.8 (512.9)	RRW 9 Oct 57
Macdill Field flagpole, 1946	G.P's 868	"	27 51 16.802			517.2 (1329.7)	PL WHS 9 Oct 57
			82 29 14.077			385.1 (1256.3)	RRW "
Fish 1934	G.P's 116	"	27 50 41.896			1289.6 (557.3)	PL WHS 7 Oct
			82 28 13.820			378.1 (1263.7)	JAG 7 Oct

8

1 FT. = .3048006 METER

COMPUTED BY: M. M. Slavney DATE 29 May, 1957 CHECKED BY: R. R. Wagner DATE 29 May 57

COMM-DC-57843

OK

FORM 568 (4-22-54) U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10557 PROJECT NO. 14020 SCALE OF MAP 1/10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Hillsboro Cut A Chan-nel Range Rear Lt. 1957	Field Pos.	N.A. 1927	27 49 16.529 82 25 41.682			508.8 (1338.1) 1140.8 (501.3)	PI RRW 2[illegible].57 " MMS. " "
East Tampa U.S. Phos-phoric Co. Southeast Tank (Elev.), 1957	"	"	27 51 41.53 82 23 35.39			1278.4 (568.5) 968.2 (673.3)	RRW " " " MMS. " " "
F-10 (Fla. Geo. S.) (U.S.C.&G.S. 1943)	Hillsb. County F.G.S.	"	y = 1,283,366.41 x = 382,285.20	East of Map (Plot Sub. Sta.)		3,366.4 (1,633.6) 3,285.9 (1,714.1)	
Sub. Sta. F-10, 1943	Comp.	"	y = 1,283,378.3 x = 383,465.5	" " " " " "		3,378.3 (1,621.7) 3,465.5 (1,534.5)	RRW. " " " MMS. " " "
STUMP, 1957	Field Pos	"	27 48 51.200 82 24 08.346			1576.0 (270.9) 228.4 (1413.8)	PL MHS 6 Sept 57 " WHD "
Sub. Sta. STUMP, 1957	Comp.	"	27 48 82 24			1585.1 (261.8) 183.5 (1058.7)	PL RLP " "
[illegible] LD (USE) 1908	GPc 196		27 51 51.267 82 24 01.149			1577.9 (269.0) 168.2 (1473.2)	" "
E. TAMPA U.S. PHOSPHORIC CO. BLACK ALGAE TANK 1926	GPc 2-5		27 51 44.187 82 23 58.331			1360.1 (486.8) 1048.7 (592.7)	

1 FT = 3048006 METER

COMPUTED BY: M.M. Slaney DATE 29 May, 1957

CHECKED BY: R.R. Wagner DATE 29 May 57 OK

COMM-DC-57843

DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10559 PROJECT NO. 14020 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Hillsboro Cut C Channel South Range Rear Lt, 1957	Field Pos.	N.A. 1927	27 47 68.736 82 26 56.074			1505.2 (459.1) 1587 (52.7)	Pl. R.S.P. Aug 1, 1957
Hillsboro Cut C Channel South Range Front Lt 6, 1957	"	"	27 48 36.550 82 26 54.192			1125.8 (701.1) 1483.3 (159.0)	Pl. R.S.P. Aug 1, 1957
Roagh, 1957	"	"	27 46 15.470 82 25 42.647			476.2 (1370.7) 1167.7 (475.1)	Pl. R.S.P. Aug 1, 1957
Sub. Stn Rogan, 1957	Comp	"	27 46 82 25			424.6 (1422.3) 1082.8 (555.0)	Pl. R.S.P. Aug 1, 1957
Hillsborough Cut Range Rear Lt 8	"	"	27 48 43.105 82 26 50.552			1326.8 (520.0) 1383.6 (256.6)	"

1 FT. = .3048006 METER

COMPUTED BY: M.M. Slavney DATE 29 May, 1957

CHECKED BY: R.R. Wayman DATE 29 May 57

Comm-DC-57643

DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10560 PROJECT NO. Ph 171 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD
MEXICO 2 1954	G.P. 968	NA 1927	27 42 16.325 82 40 [illegible]			521.9 (1341.9) 1203.5 (380.4)	PICMD 9 [illegible] " [illegible]
Y-107 (B: EGS) 1939	Pinellas Co. [illegible]		1,225,222.69 285,464.78	772.7 ([illegible]) [illegible].87 (4535.2)			PIPEW 9 Sept 53 " [illegible] " "
PINELOS 2 1908	G.P. ✓	✓	27 42 [illegible].98 82 35 30.323			482.1 (1366.7) 830.3 (813.1)	PIPEW 9 Sept 53 " [illegible] " "
T[illegible] 1954	G.P. [illegible]		27 41 26.688 82 40 44.162			2205 (1025.3) 1210.1 (434.0)	PIPEW 9 Sept 53 " [illegible] " "
Y-166 [illegible] 1954	Pinellas Co. Survey	✓	1,241,[illegible] 286,[illegible]	1,444 ([illegible]) 1,773.5 ([illegible])			PIPEW 9 Sept " [illegible] " "
Gulf Port Shore Mon. [illegible] / [illegible] 1954	P.C. [illegible]		1,341,058.54 271,572.43	10585 (3941.5) 1,572.4 (3427.6)		W of Sheets	PIPEW 18 Sept
Bow 1926	PS		1,239,089.13 271,439.57	3089.1 (1910.9) 1439.6 (3560.4)		W of Sheets	"
S.P. PINELOS 2 1908	Comp		27 42 82 38			441.4 (1405.4) 861.0 (782.9)	" "

1 FT. = .3048006 METER

COMPUTED BY: [illegible] Wagner DATE 9 Sept 1957 CHECKED BY: [illegible] DATE 9 Sept 57

COMM-DC-57843

MAP T-10561 PROJECT NO. PA-171 SCALE OF MAP 1:10000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Tampa Bay Cut C	Field	NAD	27 42 36.881			11352 (2116)	PI. 14° 3 Dec. 57
Channel Range Rear (1952)	"	"	82 31 22.763			629.1 (1014.7)	" " "
TAMPA BAY CUT C CHANNEL RANGE FRONT LT 1952	"	"	27 42 11.334	"		890' (1492.8)	" " "
			82 32 15.367	"		421.0' (1222.8)	" " "
TAMPA BAY CUT B CHANNEL RANGE REAR LT (1952)	"	"	27 42 45.550	"		1402.1' (444.8)	PI. 14° 3 Dec. 57
			82 33 25.022	"		685.5' (958.2)	" " "
TAMPA BAY CUT B RANGE FRONT LT 1952	"	"	27 41 57.768	"		1778.1' (68.7)	PI. 14° 3 Dec. 57
			82 34 06.547	"		1784' (1446)	" " "

1 FT. = .3048006 METER

COMPUTED BY: [illegible] DATE 6 Sept 1957

CHECKED BY: L. K. Wagner DATE 6 Sept 57

H-2366-12

FORM 567
(4-52)

U. S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T- [illegible] PROJECT NO. PH171 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD
[illegible]			[illegible]	1915 [illegible]	Destroyed	[illegible]	P.R.P. [illegible]
			[illegible]	[illegible]		[illegible]	- R&W Aug
			[illegible]	3,494.1 (1505.9)			
			[illegible]	2,074.0 (2,926.0)			+ R&P " "
			[illegible]	213.12 (4,786.88)			P.L.S.P Aug 2, 195
			[illegible]	1,557.54 (442.46)			- R&W) SP Aug
			27 [illegible]			1412.4 [illegible]	
			[illegible]			[illegible]	
SP (USE) 1957			27 44			1232.2 (642)	
			82 28			1306.3 (336.4)	
SUK STA [illegible] 1934	Comp	"	1,228,429.87	3429.9 (1570.1)			
			370,771.40	771.4 (4228.6)			+ 1" N SAug
[illegible] (USE) 1957	Field Pos.	"	27 44 39.316			1210.2 (636.7)	RO Sept 195
			82 28 48.023			1315.3 (328.0)	" " "

1 FT. = .3048006 METER

COMPUTED BY: MMS DATE: 4 Sept 57 CHECKED BY: RJPate DATE: 6 Sept 57

C&GS-DC-5784

MAP T-10563 PROJECT NO. Ph 171 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Sub PF 1[illegible] 193[illegible]		N.A. [illegible]	1,220,786.3 261,799.7	786.3 (4213.7) 1799.7 (3,200.3)			
NORRIS [illegible] 2 (USE) 1951	Field Comp		27 38 [illegible] 82 44 25.678			122[illegible] ([illegible]) [illegible] ([illegible])	PI RCW 21 Jan 58 [illegible]
PASS-A-GRILLE BEACH DON-CE-SAR, HOTEL SILVER WATER TANK 1934	PC 12		1,226,929.64 262,793.68	1,129.6 (3,070.4) 2793.7 (2,206.3)		Not Used	PI RCW 12 Feb 58 [illegible]
Y 135 [illegible]	[illegible] M.		1,220,766.74 261,730.89	766.9 ([illegible]233.1) 1730.[illegible] (3269.1)		Not Manuscript	PI RCW 12 Feb 58 [illegible]
T[illegible] 1933	[illegible] 794		27 41 10.872 82 43 42.[illegible]			334.7 (1512.2) 1302.9 ([illegible])	PI RCW 21 Jan 58 [illegible]

8

1 FT. = .3048006 METER

COMPUTED BY [illegible] DATE 21 Jan 1957 CHECKED BY R. J. Pate DATE 21 Jan 58

M-2388-12

MAP T-1054 PROJECT NO. Ph 171 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LIN IN METERS FORWARD (BACK)
BUNK 1954	[illegible]	[illegible]	71 34 [illegible]			[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]			[illegible]	
SPUNK 1954	"	"	[illegible]			[illegible]	[illegible]
			[illegible]			[illegible]	
S.P. BUNK 1954	Comp	"	27 59 .			1091.7 (215.1)	
			82 40 .			1049.2 (595.3)	

1 FT. = .3048006 METER

COMPUTED BY: [illegible] DATE [illegible]

CHECKED BY: DATE

M-2300-12

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE RE[illegible] CONTROL RECORD

MAP T-10565 PROJECT NO. Ph 171 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR [illegible] FROM GRID OR [illegible] FORWARD
Sub PT DC 114	Comp	NA 1927	200 720.92 325 368.52	720.92 (4279.08) 368.52 (4631.48)			[illegible] RJP
[illegible]	[illegible]	[illegible]	[illegible] [illegible]			[illegible] ([illegible]) [illegible] ([illegible])	PPRW RJP
[illegible]	[illegible]	1927	187 898.64 325 199.35	2898.64 (2101.36) 199.35 (4800.65)			
[illegible]	[illegible]	" 1927	27 35 82 31			[illegible] ([illegible]) 1032.8 ([illegible])	Pl RRW RJP [illegible]
[illegible] 1938, 1957	Comp	NA 1927	27 40 31.361 82 32 07.605	965.3 (881.6) 208.4 (1636.9)			Pl RD RRW
Sub Pt Cockroach [illegible], 1938, 1957	"	"	27 40 82 32			959.5 (887.3) 216.1 (1428.2)	Pl RRW 1 Dec. RJP 3 "
[illegible] Cut [illegible] Rear 1957	"	"	27 39 56.126 82 34 38.832			1727.5 (119.3) 1064.3 (580.2)	Pl RJP 3 Dec. 57 " " "
[illegible] Bay Cut Range Front 1957		"	27 40 38.287 82 34 08.177			1178.5 (668.3) 224.1 (1420.2)	Pl RJP 3 Dec 57 " " "
[illegible] 1934	GP 117		27 41 04.169 82 31 18.811			128.3 (1718.5) 515.5 (1128.7)	Pl RRW RD

1 FT. = .3048006 METER

COMPUTED BY R.L. Wagner DATE 2 Dec 1957 CHECKED BY [illegible] DATE 2 Dec 57

COMM-DC-57043

DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T Sa of T-10565 PROJECT NO. Pb 121 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
		Falls	on T-9631	Pb 100			
Sub PT	Comp		1,182,898.64	2,898.6 (2,101.4)			PIRRW 5 Apr 58
DC 110 (EGS) 1939			325,199.35	199.4 (480.6)			✓ RJP
Sub PT RM 2	"		27 35			1163.7 (683.1)	PI RRW 5 Apr 58
GILLETTE 1934			82 31			1032.4 (613.1)	✓ RJP
Sub. PT			1,185,220.44	220.4 (4,779.6)			PI RRW 11 Apr 58
JOE (USE) 1939			306,525.01	1,575.0 (3,425.0)			✓ RJP " " "
TANK AT MULLET KEY (NON OCCUPIED) REAR RANGE LT MST	"		27 37 25.946			798.6 (1048.2)	PI RRW 11 Apr 58
			82 35 43.456			1191.4 (458.6)	✓ RJP "
TANK AT MULLET KEY (NON OCCUPIED) FRONT RANGE LT 1937	"		27 37 12.511			385.1 (1461.7)	"
			82 37 17.922			491.4 (1153.7)	"
		Falls	on T-11079	Pb 100			
RM 2	Comp		27 33			1089.8 (757.0)	
GIL 1954			82 37			886.5 (757.6)	
Sub PT	"		27 31			1713.1 (133.7)	
MANATEE C 1908			82 38			1296.3 (350.1)	
RM 2	"		27 31 54.19			1668.0 (178.8)	
VERUS 1925			82 38 48.25			1324.1 (322.3)	

1 FT. = 3048006 METER

COMPUTED BY: PRW DATE 2 Apr 58 CHECKED BY: RJP DATE 2 Apr 58

CGSA-DC-57843

Form 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-T-10566 PROJECT NO. PH 121 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
EGMONT CHAN	Field Comp	NA	27 36 47.559			1463.9 (382.9)	PKRW
RAISE FRONT 1957		1927	82 45 56.109			1538.5 (106.7)	← AKP
EGMONT KEY L.H.	G.B. 198	"	27 36 01.739			53.5 (1793.3)	"
(rear range) 1873			82 45 39.079			1071.7 (573.7)	← AKP " "
	(USED Photo fix)	"	27 34 53.63			1651.8 (195.0)	
SEG (USED) 1934			82 45 49.203			1349.6 (296.1)	← RJP " "
5 ?		"	27 34 -			1660.9 (186.9)	"
SEG	Comp		82 45 '			1381.8 (263.9)	"

1 FT. = .3048006 METER

COMPUTED BY: RCW DATE 21 Jan 58 CHECKED BY: RJP DATE 21 Jan 58

COAST AND GEODETIC SURVEY 578

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPO — CONTROL RECORD

MAP T-10567 PROJECT NO Ph 171 SCALE OF MAP 1:10,000 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 FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	PRIOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
[illegible] CNHA	Field	NA	27 36 55.849				1719.0 T 152.8		Pencil No. 58	
[illegible] RESET LT 1957	mp.	1927	82 44 33.302				3137.721 S		" NHP "	
[illegible] RESET, US COAST [illegible] WHITE WOMAN [illegible] TK 1918	GR 209	"	27 37 21.742				542 T 1752.6		"	
			82 43 34.339				941.67 703.6		" NHP "	

1 FT. = .3048006 METER

COMPUTED BY: LRW DATE 21 Jan 58 CHECKED BY: NHP DATE 21 Jan 58

COAST-DC-57843

FORM 164
14-23-54

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T-10568 PROJECT NO. PA-171 SCALE OF MAP 1:10,000 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 FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION IN METERS FORWARD (BAC
[illegible]	[illegible]	NA 1927	27 37 27.735 82 [illegible]			253.7 (293.1) [illegible]	[illegible]
[illegible]	[illegible]	[illegible]	27 37 [illegible] 82 39 34.280			4[illegible] 2299 (2052)	
[illegible] TOWER AIR [illegible]	[illegible]	[illegible]	27 37 11.352 82 39 32.355			[illegible] (1484.0) 887.1 (758.0)	
[illegible] AIRCRAFT [illegible] 1954	[illegible]	[illegible]	27 37 01.211 82 39 26.466			37.3 (1409.5) 725.2 (919.5)	
[illegible] TOWER AIR [illegible]	[illegible]	[illegible]	27 37 08.906 82 39 23.[illegible]			620.2 (1726.6) [illegible] (86[illegible])	

1 FT = 3048006 METER

COMPUTED BY: [illegible] DATE 21 Jan 58 CHECKED BY: DATE

COMM-DC-57[illegible]

COMPILATION REPORT T-10558

31. DELINEATION

Compiled graphically. Photography was good. Inspection was adequate.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

The drainage was delineated as shown on the photographs and according to field inspection.

Contours are inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

There are numerous piers, boat houses and harbors along the entire shoreline. The shoreline, except for occasional short stretches of high-waterline, is of seawall construction, and the inspection was adequate. All the alongshore details have been delineated according to field inspection notations. Where visible on the photographs, channels and shallow areas have been delineated. No low-water or shoal lines were indicated by the field inspector.

36. OFFSHORE DETAILS

Offshore details such as piling, etc. have been delineated as indicated by the field inspector. Offshore piling were located from sextant fixes.

37. LANDMARKS AND AIDS

Both Landmarks and Aids to Navigation are listed with proper descriptions on Form 567, submitted to the Washington Office 1 May 1958.

38. CONTROL FOR FUTURE SURVEYS

All recoverable topographic stations and photo-hydro. stations with a short description o f the latter have been listed under Item 49.

All recoverable topographic stations are being submitted herewith on Form 524.

39. JUNCTIONS

A satisfactory junction has been obtained with T-10554 on the north and T-10560 on the south. There is no contemporary survey to the east or west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement required.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with film positives of Geological Survey stereocompilation map manuscripts St. Petersburg Florida 730009 sheet No.2 and Port Tampa Florida 739009, sheet No.2. They are both of 1:10,000 scale and compiled in 1955. There are no discrepancies worthy of note.

A comparison was made with C&GS planimetric map No. T-5830, scale 1:10,000 compiled from air photographs taken Dec. 8, 1939 and supplemented by other surveys to October 1941. Generally, the outer shoreline has undergone little changes except in the vicinity of Smacks Bayou where considerable new filling has taken place. Also the fill at Albert Whitted Airport has been extended seawardly.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Nautical Chart No.587 scale 1:40,000, 9th edition 14 August 1943 and revised to 20 April 1957.

The same descrepancies noted under Item 46 exist.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Rudolph Dossett
Cartographic Photo Aid

Approved and Forwarded:
Arthur L. Wardwell
Arthur L. Wardwell
Chief of Party

T-10558 Geographic Names

Albert Whitted Airport

Bayboro Harbor
Central Yacht Basin
City Pier (now used on chart 587; L.L. still has Municipal Pier Light)
Coffeepot Bayou (one word)

Florida

North Yacht Basin

Placido Bayou (shift application as marked)

St. Petersburg
Salt Creek
Shore Acres
Smacks Bayou (extend application, as marked)
Snell Isle
South Yacht Basin
Snell I Harbor
Tampa Bay

Names approved 8-17-59
L. Heck

49. NOTES FOR THE HYDROGRAPHER

The following is a list of photo-hydro and topographic stations for the use of the hydrographer:

(Note 1A - Stake, painted white on top, with flag)

5801 - Offshore end of pier east of blue-green house with white barrel tile roof.

5802 - SE gable of red roofed boat shed.

5803 - SE corner of "T" shaped pier.

5804 - Lone palm at point.

5805 - W end of white concrete block fence, with 3 concrete steps directly in front of fence.

5806 - SW corner of "T" shaped green pier.

5807 - SW corner of "L" shaped pier.

5808 - Offshore end of pier in poor repair.

5809 - Center of offshore clump of mangrove on oyster bar. Note 1-A

5810 - Steel bar in center of turntable gear 3' above MHW.

5815 - NE corner of "L" shaped red pier.

5816 - Lone palm.

5817 - SE corner of roof atop two-story white building.

5818 - Offshore end of pier.

5819 - Offshore end of pier.

5820 - Offshore end of pier.

5821 - Low mangrove jutting out from embankment, but not connected to it. Note 1 -A

5822 - The most southeasterly of two tall palms. (about 50' tall)

5823 - Corner of concrete seawall.

5824 - Offshore end of pier with gate and boat hoist.

5825 - South tip of offshore mangrove clump. Note 1 A

5826 - North tip of offshore mangrove clump. Note 1 -A

5827 - NE corner of large building.

5828 - Small steeple St. Thomas Church.

5829 - End of Pier.

5830 - Corner L shaped Pier.

5831 - East end T shaped Pier.

5832 - NE end of T shaped Pier.

5833 - End of Pier.

5834 - SW corner of Pier.

5835 - SW corner of Pier.

5836 - End of Pier.

5837 - NE corner L shaped Pier.

5838 - End of Pier.

5839 - End of Pier.

5840 - End of Pier.

5841 - Center of face of Pier.

5842 - End of Pier.

5843 - SW corner Pier.

5844 - Peak of roof on small boat shed.

5845 - End of Pier.

5846 - SW corner of Pier.

5847 - End of Pier.

5848 - SW corner Pier.

5849 - End of Pier.

5850 - NW corner of Pier.

5851 - End of Pier.

5852 - SE corner of Pier.

5853 - SE end T shaped Pier.

5854 - End of Pier.

5855 - End of Pier.

5856 - End of Pier.

5857 - End of Pier.

5858 - End of Southerly side, of U shaped Pier.

5859 - End of Pier.

5860 - NW corner of concrete pier with steps.

5861 - End of Pier.

5862 - Corner of L shaped pier.

5863 - End of Pier.

5864 - Center line intersection of walks.

5865 - Northerly of 2 Palm bushes.

5866 - Center of isolated clump of bushes.

5867 - Northerly of 4 Palm bushes.

5868 - Southerly of 3 Palm bushes.

5869 - Outside angle at change in seawall construction from slanting to vertical.

5870 - End of Pier.

5871 - End of Pier.

5872 - End of Pier.

5873 - North peak of southerly of two sheds on beach.

5874 - Peak of roof, small building on NW corner of Pier.

5875 - Peak of roof, small building on SW corner of Pier.

5876 - Largest ventilator on building.

5877 - End of Pier.

5878 - Weather Vane atop Dock Masters Office.

5879 - End of Pier.

5880 - NE peak of roof on shed.

5881 - End of Pier.

5882 - End of Seawall.

5883 - End of Seawall.

5884 - Peak of top of tank.

5885 - End of Seawall.

5886 - SW corner boat-shed.

5887 - South gable east end of warehouse.

5888 - Point of steel bulkhead.

5889 - Corner of bulkhead.

5890 - End of Pier.

5891 - End of Pier.

5892 - Corner of bulkhead.

5893 - Corner of bulkhead.

5894 - End of bulkhead.

5895 - North gable boat-shed.

5896 - East gable large building.

5897 - Corner of bulkhead.

5898 - Center of Face of Pier.

5899 - Sunken cable spool.

TOPOGRAPHIC STATIONS

PALM (1941) 1957
N MON RGE. 00 (1941) 1957
FOX (1941) 1957
CENTER OF DOME (1941) 1957
WEATHER BUREAU FLAG TWR (1941) 1957
EDD 60 (1935) 1957
TIDAL BM 1, 1957

LEGEND

1A = Stake painted white on top, with flag

T-10558

5811 - West tip of detached mangrove clump.

5813 - Center of small low mangrove, about 3' in diameter, the most easterly of several small clumps of mangrove in the water.

5814 - Center of small low mangrove about 3' in diameter, the most nor theasterly of group.

FORM 182
(6-12-56)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 10558

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 MMS 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 X 14. Rocks, shoals, etc. JG 15. Bridges JG 16. Aids to navigation JG 17. Landmarks JG 18. Other alongshore physical features JG 19. Other alongshore 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 JG 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 — Reviewer
Jesse A. Giles

William A. Rasure — Supervisor, Review Section or Unit
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:

FORM 163
(4-27-54)

TIDE COMPUTATION

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

PROJECT NO. Ph- 171 T-10558

Time and date of exposure 1109, 16 Apr. 1957 Reference station Tampa Bay (St Petersburg) Mean range 1.4

Date of field inspection Aug. 1957 Subordinate station Ratio of ranges

	Time h.	Time m.
High tide	14	21
Low tide	8	06
Duration of rise or fall	6	15

	Height feet	Height x Ratio of ranges
High tide	1.8	1.8
Low tide	0.4	0.4
Range of tide		1.4

	Time h.	Time m.
High tide at Ref. Sta.	14	21
Time difference	0	00
Corrected time at Subordinate station	14	21

	Time h.	Time m.
Low tide at Ref. Sta.	8	06
Time difference	0	00
Corrected time at Subordinate station	8	06

	h. m.		feet		feet	Photo. No.
Time ~~H. T.~~ or L. T. Required time Interval	8 06 11 09 2 58	Ht. ~~H. T.~~ or L. T. Tabular correction Stage of tide above MLW	0.4 0.6 1.0	Feature bares Stage of tide above MLW Feature above MLW		Single lens 57L 1627 57L 1628
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		

Computed by Checked by

TIDE COMPUTATION

PROJECT NO. Ph-171 T-10558

Time and date of exposure 0813 16 Apr 1957
Reference station Tamp Bay
Mean range 1.4

Date of field inspection Aug. 1957
Subordinate station
Ratio of ranges

	Time	
	h.	m.
High tide	14	21
Low tide	8	06
Duration of rise or fall	6	15

	Height	Height x Ratio
	feet	of ranges
High tide	1.8	1.8
Low tide	0.4	0.4
Range of tide		1.4

	Time	
	h.	m.
High tide at Ref. Sta.	14	21
Time difference	00	00
Corrected time at Subordinate station	14	21

	Time	
	h.	m.
Low tide at Ref. Sta.	8	06
Time difference	00	00
Corrected time at Subordinate station	806	

	h. m.		feet		feet	Photo. No.
Time ~~H. T.~~ or L. T. 806 Required time 813 Interval 007		Ht. ~~H. T.~~ or L. T. Tabular correction Stage of tide above MLW	0.4 00 04	Feature bares Stage of tide above MLW Feature above MLW		56000
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		
Time H. T. or L. T. Required time Interval		Ht. H. T. or L. T. Tabular correction Stage of tide above MLW		Feature bares Stage of tide above MLW Feature above MLW		

M-2617-12

Computed by R Dossett
Checked by 115

REVIEW REPORT OF
SHORELINE MANUSCRIPTS T-10558 and T-10559
October 1959

62. Comparison with Registered Topographic Surveys

T-1408a	1:20,000	1875	
T-1411a	1:20,000	1876	
T-4199	1:20,000	1926	
T-4201	1:10,000 and 1:20,000	1926	
H-4575a	1:3,000	1927	(containing topography)
T-5830	1:10,000	1939	
T-5839	1:10,000	1939	
T-8385	1:20,000	1942	
T-8386	1:20,000	1942	
T-8387	1:20,000	1942	

The area covered by subject surveys changes constantly, particularly the shoreline in the vicinity of St. Petersburg. Subject surveys are to supersede above-listed registered surveys of common area and detailing for nautical charting purposes.

63. Comparison with Maps of Other Agencies

ST. PETERSBURG, FLA., 1:24,000, 1956, U.S. Geological Survey
PORT TAMPA, FLA., 1:24,000, 1956, U.S. Geological Survey
GIBSONTON, FLA., 1:24,000, 1956, U.S. Geological Survey

Only minor shoreline differences were noted in this comparison.

64. Comparison with Contemporary Hydrographic Surveys

Blueprint 57519, 1:10,000 (with St. Petersburg Harbor Inset at 1:5,000), 1958
H-8411, 1:10,000, 1957

Advance information of subject surveys was made available for these hydrographic surveys and there is good agreement.

65. Comparison with Nautical Charts

587, 1:40,000, (with Inset of St. Petersburg Harbor at 1:10,000), Ed. of 1958, Revised to 7/6/59
1257, 1:80,000, Edition of 1943, Revised to 3/2/59

With two exceptions there is good agreement with subject surveys and the two listed nautical charts. The two exceptions are:

1.) At the entrance of the Central Yacht Basin of St. Petersburg Harbor the shoreline and position of one light differ considerably. This represents a recent change and this information was made available to the Nautical Chart Branch after T-10558 had been compiled.

2.) The two listed nautical charts fail to show islands south of Hillsboro Channel Range Front Lights (Cuts "A" and "C"). These islands appear on T-10559 and hydrographic survey 8411.

66. Adequacy of Results and Future Surveys

T-10558 and T-10559 meet the requirement of adequacy and accuracy. Though adequate and accurate as of 1957, there are sufficient indications of the need of more frequent surveys in the future, than of those intervals evidenced by previous surveys.

Reviewed by
Josef J. Streifler

Approved
L C Lande
Chief, Review Section
Photogrammetry Division

Chief, Nautical Chart Branch
Chart Division

Chief, Photogrammetry Division
18 May 60

J. Bowie
Chief, Coastal Surveys