

11404

Original

Diag. Cht. No. 1255.

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No. Ph-146	Office No. T-11404
LOCALITY	
State	FLORIDA
General locality	CHARLOTTE HARBOR
Locality	MATLACHA
1953 - 1958	
CHIEF OF PARTY	
Arthur L. Wardwell, Tampa Photo Office	
LIBRARY & ARCHIVES	
DATE	JUL 27 1965

USCOMM-DC 5087

Map 1 Shoreline from photography and field inspection
Map 2 Shoreline updated from field edit
See Addendum (1st page)

ADDENDUM
REVIEW REPORT

T-11400, 11404, 11407, 11410, 11411, 11413, & 11414
April 1975

The Hydrographic Survey Branch found during their review of the contemporary hydrographic survey that copies of the manuscripts marked Advanced (field edit applied) existed for the maps listed in the heading of this addendum. The records show that the maps were registered in 1965. The Descriptive Reports make no mention of a field edit, nor do they reflect the additions and corrections shown on the Advanced Manuscript copies.

In order to assure the proper utilization of these maps, both will be registered. The maps are numbered Map 1 and Map 2. Map 1 will show the shoreline and signals as they were compiled from the photography and field inspection. Map 2 will reflect field edit showing shoreline changes and new hydrographic signals in red ink. The field edited map (Map 2) was not reviewed because the data is not available.

Donald M. Brant
Quality Control and Review Group

DESCRIPTIVE REPORT - DATA RECORD

T- 11404

Project No. (II): Ph-1146

Quadrangle Name (IV):

Field Office (II): Punta Gorda, Fla.

Chief of Party: A. L. Wardwell

Photogrammetric Office (III): Tampa, Fla.

Officer-in-Charge: A. L. Wardwell

Instructions dated (II) (III): 2 July 1954
Amendment No. 1- 9 Nov. 1954
Supplement 1-17 Dec. 1956

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):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): MHW

~~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): TT 109 ERS USGS 1952

Lat.: 26°38'13.47" (414.6 m)

Long.: 82°02'47.10" (1302.7)

Adjusted
~~Indicated~~

Plane Coordinates (IV):

State:

Zone:

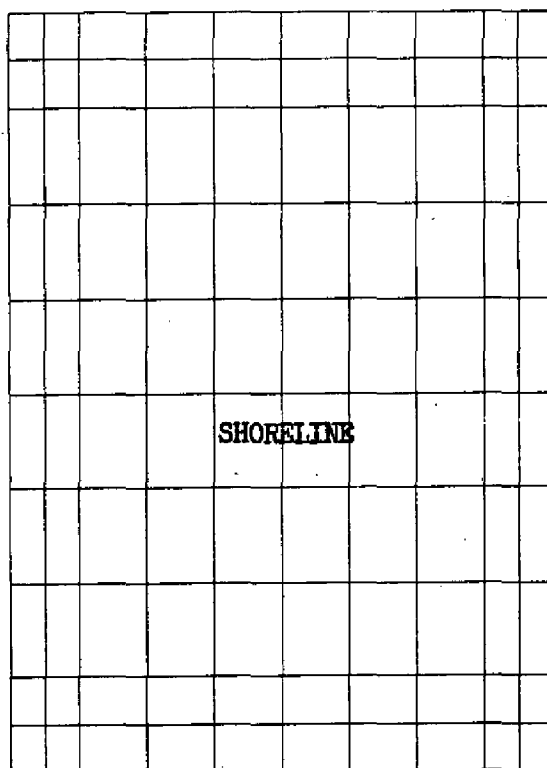
Y=

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.

DESCRIPTIVE REPORT - DATA RECORD



Areas contoured by various personnel
(Show name within area)

Inapplicable

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **E. T. Jenkins** Date: **Feb. 1957**

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

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location): **Feb. 1957 and Oct. 1958**
Air Photo Compilation

Projection and Grids ruled by (IV): **A. Riley** Date: **Jan. 1955**

Projection and Grids checked by (IV): **A. Riley** Date: **Jan. 1955**

Control plotted by (III): **R. J. Pate** Date: **Dec. 1956**

Control checked by (III): **M. M. Slavney** Date: **Jan. 1956**

Radial Plot ~~on Stereoscopic~~ Date: **Oct. 1958**

~~Photo Extension~~ by (III): **R. R. Wagner**
R. J. Pate

Planimetry Date:

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

Contours Date:

Manuscript delineated by (III): **R. Dossett** Date: **Dec. 1958**

Photogrammetric Office Review by (III): **W. H. Shearouse** Date: **Feb. 1959**

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

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS 9-lens and Wild #5: Single-lens

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
42926	12/1/53	14:05	1:10,000	*
42927	"	"	"	
42945	"	14:20	"	
42946	"	14:21	"	
42978	"	14:55	"	
42893	"	13:39	"	
42894	"	13:40	"	
58S1512A to 1516A incl.	10/2/58	12:35	Ratio to 1:10,000	
58S1601 A to 1605A incl.	"	13:28	" " "	

Tide (III)

Reference Station: *

Subordinate Station:

Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 13

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

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

~~Control Leveling Miles (II):~~

Number of Triangulation Stations searched for (II): 4

Recovered: 4

Identified: 3

Number of BMs searched for (II): None

Recovered: —

Identified: —

Number of Recoverable Photo Stations established (III): 7

Number of Temporary Photo Hydro Stations established (III): 48

Remarks: * Accurate tide information not available.

It is believed the hydrographic party (Ship SOSSEE) will establish a tide station in the area and the data may be obtained from their records.

82°30'

27°00'

OFFICIAL MILEAGE
FOR COST ACCOUNTS

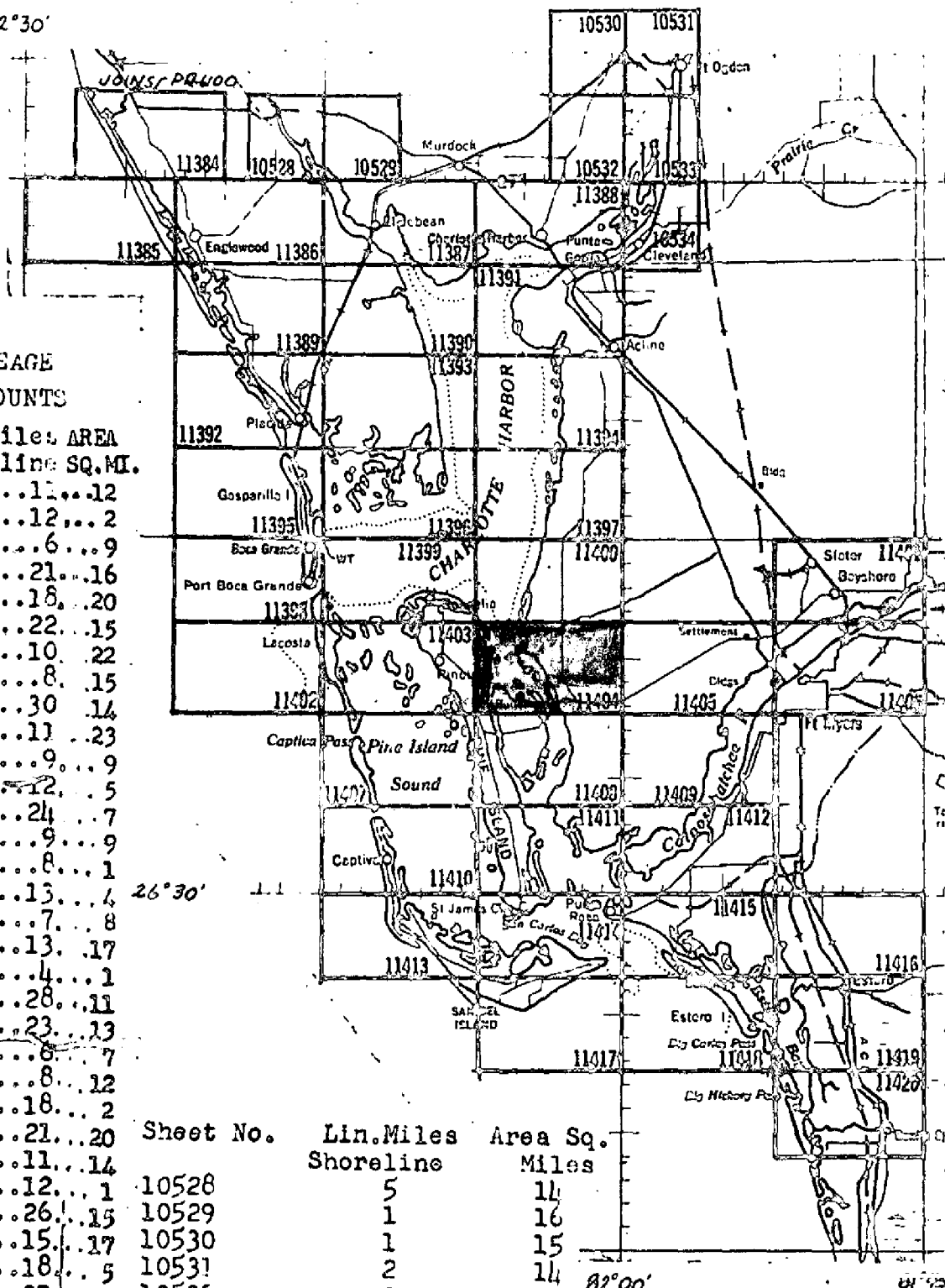
Sheet Lin. Miles AREA
Nos. Shoreline SQ. MI.

T-11384	11	12
T-11385	12	2
T-11386	6	9
T-11387	21	16
T-11388	18	20
T-11389	22	15
T-11390	10	22
T-11391	8	15
T-11392	30	14
T-11393	11	23
T-11394	9	9
T-11395	12	5
T-11396	24	7
T-11397	9	9
T-11398	8	1
T-11399	13	4
T-11400	7	8
T-11401	13	17
T-11402	4	1
T-11403	28	11
T-11404	23	13
T-11405	8	7
T-11406	8	12
T-11407	18	2
T-11408	21	20
T-11409	11	14
T-11410	12	1
T-11411	26	15
T-11412	15	17
T-11413	18	5
T-11414	27	11
T-11415	23	19
T-11416	4	6
T-11417	6	3
T-11418	11	4
T-11419	18	12
T-11420	17	12
Totals	540	393

Sheet No.	Lin. Miles Shoreline	Area Sq. Miles
10528	5	14
10529	1	16
10530	1	15
10531	2	14
10532	2	11
10533	6	12
10534	5	13

Totals	22	98
	540	393

Grand Totals 562 1.91



FIELD INSPECTION REPORT

T-11404, T-11407, T-11408, T-11410, T-11411, T-11413, T-11414 and T-11417

2. AREAL FIELD INSPECTION

The majority of the land area covered by these eight maps includes most of Pine Island and all of the islands of Little Pine, Captiva, Sanibel, West and Porpoise. Within the area are the villages of Captiva, St. James, Punta Rasa and Matlacha.

There is little industry in the area. There are some small citrus groves and a few small ranches. The majority of the income in the area is from tourist trade and a small amount of commercial fishing. The islands of Sanibel and Captiva have a few hotels and cabins and are known as resorts. West Island is now under development - about 1500 persons live on it during the winter - the principal settlement being the village of Matlacha.

The south end of Pine Island, at the village of St. James, and West Island, are being developed for housing projects. The mangrove and other vegetation in these areas has been cleared and numerous channels dug providing each lot with a water front.

A large portion of the islands and mainland is flat sandy soil, poorly drained, and with numerous ponds. The vegetation is mostly scattered pine, palm and palmetto with most of the shoreline being dense mangrove. There are generally sand flats on the inshore side of the mangrove that are usually bare and are subject to flooding with wind tides.

Most of the water area covered by these maps is Pine Island Sound and Matlacha Pass. Excepting the marked channels, the majority of the area, at low tide, has a water depth of from six to eighteen inches.

Photographic coverage is adequate and the quality is generally good.

3. HORIZONTAL CONTROL.

No monumented control was established. There was adequate control for the radial plot and for the third-order location of all lights and ranges.

All Corps of Engineers third-order triangulation stations and U. S. Geological Survey traverse stations, for which descriptions are available, were searched for. Designated ones were identified for radial plot control. Those recovered are as follows:

109 ERS T.T. U.S.G.S. 1952	121 ERS T.T. U.S.G.S. 1952
110 ERS T.T. U.S.G.S. 1952	122 ERS T.T. U.S.G.S. 1952
117 ERS T.T. U.S.G.S. 1952	123 ERS T.T. U.S.G.S. 1952
118 ERS T.T. U.S.G.S. 1952	124 ERS T.T. U.S.G.S. 1952
119 ERS T.T. U.S.G.S. 1952	125 ERS T.T. U.S.G.S. 1952
120 ERS T.T. U.S.G.S. 1952	126 ERS T.T. U.S.G.S. 1952
C-4, U.S.G.S. 1946	C-10, U.S.G.S. 1946
83 JFS T.T. U.S.G.S. 1952	ISLE, U.S.E., 1938
JAMES, U.S.E., 1938	KITCHEL, U.S.E., 1936

All known Coast and Geodetic Survey stations were searched for and reported on form 526. Lost stations are as follows:

ON, 1927	BEACON NO. 4, 1928
RO, 1928	BEACON NO. 6, 1928
REAR RANGE BEACON CUT E, 1927	BEACON NO. 8, 1928
LIP, 1928	BEACON NO.10, 1928
CAPTIVA PASS, 1909	BEACON NO.12, 1928
WOODRING, 1927	PUNTA RASA FRONT RANGE LIGHT, 1928
OYSTER, 1892	PUNTA RASA REAR RANGE LIGHT, 1928
TEA, 1927	JEWFISH, 1927
SANI, 1934	

Of the afore-listed "Lost Stations", WOODRING, 1927 was identified for use in the radial plot. It was found in a leaning condition and is almost washed out. The position was established, on the leaning monument by measurements from a reference and a witness mark.

JEWFISH, 1927 is lost but a new station JEWFISH 2, 1955 had been established in 1955.

Eleven of the lost stations were beacons, ranges or piling.

4. VERTICAL CONTROL

Tidal bench marks at Punta Rasa, San Carlos Bay, were recovered and reported on Form 685A.

5. CONTOURS AND DRAINAGE

Contours inapplicable.

Drainage of importance can be delineated from the photographs.

Some few streams have been delineated on the field photographs, but the majority were not. A few large ditches and canals were located during inspection.

6. WOODLAND COVER

Some areas of woodland have been labeled with the letter "T" on the photographs, and in some areas the tree line delineated. It is believed enough such areas have been inspected to serve as a criterion for the compiler.

7. SHORELINE AND ALONGSHORE FEATURES

The MHWL along the Gulf of Mexico was measured in from photo-hydro stations that were established about every quarter mile. There were three areas, along the gulf, that had changed considerably, since photography, requiring a MHWL location by planetable.

No difficulty was encountered in the delineation of the apparent shoreline and all the major shoreline was inspected and delineated.

All alongshore features, such as piers, fish houses, net racks, etc., were inspected, labeled and delineated where believed necessary.

The mean low-water line was delineated where feasible to do so.

The foreshore along the gulf is sandy and hard, and a mixture of sand and mud in Pine Island Sound and Matlacha Pass.

All submarine and overhead cables have been delineated and all pertinent information shown on the field photographs.

8. OFFSHORE FEATURES

All offshore features were inspected. Features discernible on the photographs were labeled and features such as piling and small private markers were located by theodolite cuts or sextant fixes using triangulation or photo points for control.

9. LANDMARKS AND AIDS

No feature within the area was believed to be a good landmark and none was recommended.

All lights and ranges were located by intersection triangulation methods. All daybeacons, maintained by the Coast Guard, were

10

located by theodolite cuts from triangulation, and occasionally from photo points.

Privately maintained daybeacons were located by theodolite cuts or sextant fixes using photo points for control. There are nineteen such beacons marking the most navigable water in Matlacha Pass that have been previously charted. These beacons consist of a single eight-inch piling with pointers^{OK} with pointers and red reflectors. All aids have been reported on form 567.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable.

11. OTHER CONTROL

The following are topographic stations that have been established or reidentified. They will aid the hydrographer and forms 524 have been submitted for all monumented stations.

NBB (1943) 1956	BILL, 1956
INN (1943) 1956	MICK, 1956
LEG (1943) 1956	JENK, 1956
MUD (1943) 1956	HIGH, 1956
GUT (1943) 1956	ROCK, 1956
ORE (1943) 1956	BANK, 1956
MUNSON, 1934, AZ. MK (1943) 1956	GULF, 1956
AIR (1943) 1957	RUIN, 1956
JAY (1943) 1957	LUCK, 1956
FIB (1943) 1957	BAIL, 1956
OIL (1943) 1957	TARP, 1956
GOO (1943) 1957	ROOF, 1956
DOCK (1943) 1957	ROSA, 1956
LEON, 1957	GENE, 1956
NINA, 1957	FLAT, 1956
STAN, 1957	WEST, 1956
HULA, 1956	GARE, 1956
HARL, 1956	OPEN, 1957
REEF, 1956	ROLE, 1957

Four hundred and forty-six photo-hydro stations were selected to provide adequate control for the hydrographic survey. Features selected, other than house gables and the end or corners of piers, were well marked to promote recovery. Where small trees were used, as points, a one by two-inch stake with U. S. GOV'T stenciled on it was nailed securely to the tree six to eight feet above the ground or water. The majority of the mangrove bushes used as points were marked with a short and a long stake in

11.
addition to a quart oil can tied to the brush either at the point or nearby. Time was taken to tie these cans five to six feet above mean high-water. It is believed that a majority of these points can be recovered in the next four or five years.

12. OTHER INTERIOR FEATURES

All roads were classified in accordance with current instructions. Several miles of new roads were located and classified during field inspection.

Buildings were classified according to project instructions.

Clearances for all bridges and overhead cables are shown on the field photographs.

13. GEOGRAPHIC NAMES

It is suggested the names West Island and Porpoise Island be added. The islands are labeled on photograph 42980, map T-11404.

No discrepancies were noted in charted names, but no systematic investigation was made.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Data relative to computing or plotting the positions of approximately ninety aids to navigation and data for the control of two radial plots were forwarded to the Tampa District Office at various times during the period 20 July 1956 to 8 February 1957.

Respectfully submitted - 2/8/57

M. M. Shoeney
for. Elgan T. Jenkins,
Cartographer

APPROVED & FORWARDED

Arthur L. Wardwell
Arthur L. Wardwell
Chief of Party

COMPILATION REPORTT-11404PHOTOGRAMMETRIC PLOT REPORT

Being submitted with T-11411

31. DELINEATION

The graphic method was used. The 9-lens photographs were of only fair scale; photographs 42926 through 42928 being the best. Recent shoreline and cultural changes have been applied from the single lens photographs, dated Oct. 21, 1958. The original field inspection was adequate and where the new single-lens photos showed no change in shoreline, was accepted. The new development in the vicinity of Pine Island Bridge however, necessitated further field inspection which has been applied to the manuscript. In applying detail from the single-lens photographs the centers of the photographs used are on the map manuscript.

32. CONTROL

See Photogrammetric Plot Report

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been delineated as shown on the photographs and according to field inspection notes.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate. All shoal or shallow areas distinctly discernable on the photographs or indicated by field inspection have been delineated. The low-water line has been delineated where indicated by the field inspector. All piers and alongshore structures have likewise been applied.

36. OFFSHORE DETAILS

The only offshore details indicated by field inspection are markers (Pile with pointer) along the Matlacha Pass Channel. These were plotted on the manuscript from theodolite cuts submitted by the field inspector.

37. LANDMARKS AND AIDS

No landmarks or aids to navigation were recommended by the field inspector, for charting.

38. CONTROL FOR FUTURE SURVEYS

Seven (7) Topographic stations and 48 photo-hydro signals have been listed under Item 49. Forms 524 are being submitted for all monumented topographic stations.

39. JUNCTIONS

A satisfactory junction has been secured with T-11400 on the north, T-11408 on the south; T-11403 on the west; and T-11405 on the east.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. BRIDGE AND CABLE DATA

NAME	TYPE	HORIZONTAL		VERTICAL	
		BRIDGE BOOK	FIELD	BRIDGE BOOK	FIELD
Pine Is. Br.	Swing	L & R 29'	L & R 38'	8'	8.3' MHW (closed)
Matlacha,					
Fla. 78	Fixed		13.5'		4.0' MHW
"	"		12.5'		4.4' MHW
POWER CABLE					
at Pine Is. Bridge					59' MHW at draw

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with C&GS planimetric maps T-5862, T-5864 and T-5873, scale 1:10,000 compiled from aerial photographs taken in 1942 and supplemented by other surveys to April 1943. In general, except for the area in the vicinity of Pine Island Bridge, little difference was noted.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with C&GS Nautical Chart No. 1255, scale 1:80,000 Revised to 11/5/55. The maps listed under Item 46 appear to be the source of the topography on the chart and the same comparison is applicable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Dossett

Approved and Forwarded:


Arthur L. Wardwell
Chief of Party

48. GEOGRAPHIC NAME LIST

BEAR KEY
BIG DEAD CREEK
BUZZARD BAY

CYPRESS LAKE

FLORIDA
FLA. 78
FLA. 767

GATOR SLOUGH

INDIAN FIELD

LITTLE PINE ISLAND

MATLACHA
MATLACHA PASS

PINE ISLAND
PINE ISLAND BRIDGE
PINE ISLAND CREEK
PORPOISE PT. ISLAND
PORPOISE POINT
SAND CREEK
SILVER CREEK
SMOKEHOUSE BAY

THE SMOKEHOUSE
THIRSTING LAKE
TOM BLACK LAKE

WEST ISLAND

*Names approved
A. J. Wright
3-25-65*

49. NOTES FOR THE HYDROGRAPHER

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

TOPOGRAPHIC STATIONS

POLE 1957
GOO (1943) 1957
JAY(1943) 1957
OPEN 1957 (S.E.Cor. of roof)
GABE 1956(S.W.Gable of fish house)
FIB (1943) 1957
OIL (1943) 1957

PHOTO HYDRO STATIONS

Note "A: Driven at the point is a 1x2 inch stake 3 ft. long. The top portion of stake is painted white and U.S.GOV'T is stenciled in black thereon.

Also nearby is a 1x1 inch stake 5 ft. long the top portion of which is painted white.

Note "C" Tied on or nearby with galvanized wire is an empty quart oil can.

0401. A corner of mangrove which is the place that the shoreline makes its sharpest bend from N.W. to almost N. in starting around the larger round point. Note A & C. Photo 42944

0402. A sharp low point of mangrove that is at the N.W. part of a small shoreline indentation. The indentation is about 9 meters long and about 3 meters deep. Note A & C Photo 42944

0403. The offshore end of a small pier that is just S.W. of the last shack among the mangrove. Not marked. Photo 42980

0404. A point of mangrove at the extreme S.W. tip of the island. This point is where the shoreline makes its most abrupt turn. Note A & C. Photo 42980

0405. A sharp low corner of mangrove where the shoreline makes a small off set which is about 100ft. of the S.W. tip of the island. Note A & C Photo 42980

Compiler JAY 1943 was located from this. The distance is 78 ft. See 24A For direction.

0406. A corner of low mangrove at the S.W. edge of a small indentation. This small indentation is about 40 ft. S.W. of a larger indentation that has a dead snag on the shoreline. This dead snag has a small white tag on it that is numbered E-15. Note A & C Photo 42980

0407. The bow end of a wreck that is awash at MHW and is about 2 ft. S.W. of the mangrove. The wreck is partly covered with oysters and the bow is covered with oysters. There is a small part of the wreck with no oysters about 2 ft. N.W. of the bow. Note A&C Photo 42927

0408. A point of mangrove at the extreme S.W. tip of the island. This point projects the most of any nearby. Note A & C Photo 42927

0409. A corner of mangrove where the shoreline has a small offset. Note A & C. Photo 42927

0410. A point of overhanging mangrove that is about 10 ft. above H.W. It is the first sharp point S.E. of the round mangrove tree on the point of the island. Note A & C. Photo 42927

0411. A sharp small bend in the shoreline on the W. side of the island. This mangrove is about 8 ft. above MHW. Note A & C Photo 42926

0412. The S.E. corner of the pier. Part of the piling for this pier is made of palm trunks. Station not marked. Photo 42927

0413. A point of mangrove at the most southern tip of the island where the shoreline makes its sharpest bend from S.E. to E. Note A & C. Photo 42926

0414. A point of mangrove at the S.W. corner of a small indentation in the shoreline. There is a larger indentation about 40 ft. N.E. of the station and there is a large mangrove tree about 60 ft. south of the station that has a small white tag on it which is numbered E-8. Note A & C. Photo 42926

0415. A sharp low point of mangrove near the south part of the most western part of the island. The point is at the south end of a very shallow indentation in the mangrove shoreline. Note A & C. Photo 42926
(Compiler see 24A for short traverse to OIL 1943)

0416. A small round point of low mangrove which is the first point S.W. of the offset in the shoreline. Note A & C. Photo 42926

0417. A sharp low point of mangrove that is about 4 ft. above MHW. Note A & C. Photo 42926

0418. A corner of mangrove at the N. side of a small opening in the mangrove. This opening leads into a small shell mound. Note A & C. Photo 42926
0419. A low point of mangrove at the N. end of a shallow but long indentation in the mangrove shoreline. Note A & C. Photo 42926
0420. A point of low mangrove which is the most N.N.W. point of the island. Note A & C. Photo 42927
0421. A point of mangrove the first one south of the point where the shoreline turns. Note A & C. Photo 42926
0422. A corner of mangrove that is about 15 ft. tall at the N.N.W. end of an offset in the mangrove shoreline. At this point the shoreline turns from N.N.W. to W. for several meters before turning to the N.W. again. Note A & C. Photo 42927
0423. A point of mangrove at the extreme east end of the island. The point is the part of the mangrove tree that projects the most to the east. Note A & C. Photo 42927
0424. The corner or point of mangrove where the shoreline makes its sharpest bend in the near area. Note A & C. Photo 42927
0425. A corner of mangrove where the shoreline turns from S.E. to S. for a short distance before turning to the S.E. again. Note A & C. Photo 42980
0426. The most N.E. part of a corner of mangrove which is at a small but sharp bend in the shoreline. At the point the shoreline turns from N. to W. for a few meters before turning to the N. again. Note A & C. Photo 42980
0427. A sharp turn in the mangrove where the shoreline turns from N.W. to S.W. for a few meters before turning N.W. again. Note A & C. Photo 42980
0428. A sharp low point of mangrove where the shoreline turns from N. to W. for a short distance before turning to the N.W. Note A & C. Photo 42980
0429. The offshore N.W. corner of a wooden pier. Pier leads out from a green roofed one story house that has white asbestos siding. Station not marked.

0430. A sharp corner of mangrove at the E. side of a small indentation in the shoreline. Note A & C Photo 42980

0431. A sharp low corner of mangrove where the shoreline makes a short offset to the W. before turning to the N.W. again. Note A & C. Photo 42980

0432. The point of mangrove at the S.E. end of the indentation. Note A & C. Photo 42927

0433. The S.E. corner of the point where the shoreline makes its sharpest bend. Note A & C. Photo 42927

0434. The most westerly tip of the point which is where the shoreline turns to the E.N.E. Station is a corner ^{of} mangrove. Note A & C Photo 42927

0435. A corner of mangrove where the shoreline makes its sharpest bend from N. to N.W. Note A & C. Photo 42927

0436. A corner of mangrove where the shoreline makes a sharp bend from N.N.W. to W. Note A & C Photo 42927

0437. A low point of mangrove on the S.E. side of a very small indentation in the mangrove shoreline. The point is a low overhanging mangrove limb that has few green limbs and several oysters on it. Note A & C. Photo 42927

0438. The south end of a small offset in the mangrove. Note A & C. Photo 42927

0439. A corner of mangrove where the shoreline makes its sharpest bend from W. to N.W. Note A & C. Photo 42927

0440. A corner of mangrove formed by an offset in the shoreline. Note A & C. Photo 42927

0441. A corner of mangrove formed by a sharp bend where turns from N.W. to N. Note A & C. Photo 42927

0442. The tip of the most westerly point of mangrove on the island. Note A & C. Photo 42927

0443. A sharp corner of mangrove where the shoreline turns to the west into a small indentation. Note A & C. Photo 42979

0444. The first point of mangrove a few feet S.E. of the extreme corner of the mangrove. Note A & C. Photo 42979

0445. An overhanging mangrove limb at the S.E. corner of a blunt point of mangrove. This point is the first one of any size N.W. of the mouth of a small stream. Note A & C. Photo 42979

0446. A point of mangrove that is the most easterly limb on the point. There is a small indentation at the west side of the stream. Note A & C Photo 42979

0447. A point of mangrove at the S.E. side of the mouth of the small stream. Note A & C. Photo 42979

0448. The center of a mangrove bush that grows about 2 meters N.W. of the mangrove point. Note A & C. Photo 42979

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T. 11404

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

5a. 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) WHS 7. Photo hydro stations WHS 8. Bench marks XX 9. Plotting of sextant fixes RRW 10. Photogrammetric plot report RRW 11. Detail points WHS

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

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

40. William H. Shearouse
Wm. H. Shearouse Reviewer

M. M. Slavney
Supervisor, Review Section Unit M. M. Slavney

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:

Review Report
Shoreline Maps
T-11401 thru T-11406
April 1965

61. General Statement

Area - The project encompasses the west coast of Florida from Venice to Big Hickory Pass, including Charlotte Harbor and Port Myers.

Purpose - The object of this project is to provide shoreline and horizontal control data for hydrographic surveys, and to provide data for nautical chart revisions.

62. Comparison with Registered Topographic Surveys

T-5861	1:10,000	1944
T-5862	1:10,000	1944
T-5863	1:10,000	1944
T-5864	1:10,000	1944
T-5871	1:10,000	1943
T-5872	1:10,000	1943
T-5873	1:10,000	1942
T-5882	1:10,000	1943
T-5883	1:10,000	1943

There are cultural and shoreline changes due the difference in the time interval. T-11401 thru T-11406 are to supersede the above surveys of common area.

63. Comparison with Maps of Other Agencies

Port Myers	1:24,000	1958
Port Boca Grande	1:24,000	1958
Bokeelia	1:24,000	1958
Nettlesha	1:24,000	1958
Port Myers NY	1:24,000	1958

Due to new construction there are cultural and shoreline differences.

64. Comparison with Contemporary Hydrographic Surveys

H-8195	1:10,000	1960
H-8196	1:20,000	1959
H-8362	1:20,000	1960
H-8555	1:10,000	1960
H-8358	1:10,000	1957

Shoreline and control was furnished prior to the hydrographic surveys.

65. Comparison with Nautical Charts

856 28
1255

1:40,000
1:80,000

1964
1962 revised to 1963

Differences exist. However, there are no items to be applied immediately.

66. Adequacy of Results and Future Surveys

These surveys were prepared according to project instructions and are within the requirements for adequacy and accuracy.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles L. Lemaire
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

E. W. Waugh 7/26/65
Chief, Photogrammetry Division

