9905

Diag. Cht. No. 1244.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-82 Office No. T-9905

LOCALITY

State Florida

General locality Matanzas River

Locality St. Augustine Beach

1952-57

CHIEF OF PARTY

P.Taylor, Chief of Field Party
W.F.Deane, Balto. Photo. Office

LIBRARY & ARCHIVES

DATE October 1962

USCOMM-DC 5087

9905

Summary to Accompany Descriptive Report

T-9905

Topographic map T-9905 is one of twelve similar maps in project PH-82. The project covers the east coast of Florida from St. Augustine to New Smyrna Beach. T-9905 coverage extends along the ocean from the southern corporate limits of St. Augustine to Crescent Beach and includes the interior settlements of Moultrie and Dupont Center.

This is a graphic compilation project. Field work in advance of compilation included complete field inspection and complete planetable contouring.

The map was compiled at 1:20,000 scale. 1:20,000 scale nine-lens photographs were used in field inspection and in compilation. "W" camera 1:20,000 scale photographs were used in field edit and in the revision of details. The map was corrected to the date of new photography (Oct. 1956).

T-9905 will be published by the Geological Survey at 1:24,000 scale. Items registered under T-9905 will include a Descriptive Report, a positive impression on Cronar of the scribed copy of the manuscript and a lithographic print of the Geological Survey quadrangle.

FIELD INSPECTION REPORT
Quadrangle T-9905
Project Fh-82(51)

The phases listed below are in addition to those phases shown on Pages 2 and 3:

Name and Title	Phase	Date
Henry R. Spies, Cartographic Survey Aid	Vertical Control	October 1952
	Horizontal Control	
	Fly Levels	Jan., 1953
	Shoreline	Aug., 1952

2. AREAL FIELD INSPECTION

The quadrangle lies along the Atlantic seaboard in St. Johns County. The coastline runs in a north-south direction and is very regular, except in the extreme northeast corner of the quadrangle.

There are four settlements within this area, namely: St. Augustine Beach, Crescent Beach, Moultrie and Dupont Center. None of these settlements are incorporated; St. Augustine Beach being the largest.

The area is served by U. S. Highway No. 1, Florida State Highway No. A1A, two state highways leading toward Hastings and the Florida East Coast Railway. The entire area is adequately served by secondary roads and trails.

Attention is invited to Florida State Highway No. 206 linking Hastings and Crescent Beach. This highway was under construction during field inspection and should be checked by the field editor.

The Florida State Board of Parks owns a parcel of land on Anastasia Island known as Anastasia State Park. The majority of this properly falls within this quadrangle. This park is still in its natural state, but from information received locally, it is to be developed in the immediate future.

The chief industries are cattle-raising, turpentining, and pulpwood cutting.

No difficulty was encountered in the interpretation of the photographs. The field inspection is believed to be adequate.

3. HORIZONTAL CONTROL

(a) No supplemental control was established.
(b) All stations are on the N.A. 1927 datum.
(c) Stations which are within the quadrangle but were not established by the U.S.C. & G.S. are:

Station	Agency	Order
BS-1, 1937	Florida Geodetic Survey	Third
BS-2A "	"	"
BS-3A "	"	"
BS-4 "	"	"
BS-5 "	"	"
BS-6A "	"	"
BS-8 "	"	"
BP-150, 1934	"	"
BP-151 "	"	"
BP-152 "	"	"
BP-153 "	"	"
BP-154 "	"	"
BP-155 "	"	"
BP-156 "	"	"
BP-157 "	"	"
BP-158 "	"	"
BP-159 "	"	"
BP-160 "	"	"

(e) A search was made for all known control points. Stations reported as "destroyed", "lost" or "not recovered" are:

ANASTASIA, 1871
ANASTASIA 2, 1859
CANOVA, 1859
CANOVA 2, 1882
MANLY, 1859
MAYFLOWER, 1934
MAYNARD, 1934
MERRITT, 1871
SCRUB, 1859
KITTLESON RM 1 (Fla. Geod. S.), 1935
BS-2 (Fla. Geod. S.), 1937
BS-3 " "
BS-6 " "
BS-6B " "
BS-7 " "
BS-9 " "
BS-34 " 1935
BP-164 " 1934
BS-2A "
BS-4 "
BS 6A "
AUGUSTINE 1933

(f) Florida Geodetic Survey stations BS-3, BS-6 and BS-7 are reported destroyed on Form 526, however they were used for control of the radial plot. The bases of these monuments were found in good condition and are believed adequate for the radial plot.

All stations were identified on a set of nine-lens photographs, separate from those used in contouring.

4. VERTICAL CONTROL

(a) A search was made for all known vertical control. Bench marks in the quadrangle are:

Station	Agency	Order
BS-1	Florida Geodetic Survey	Third
BS-2A	"	"
BS-3A	"	"
BS-4	"	"
BS-5	"	"
BS-6A	"	"
BS-8	"	"
KITTLESON	"	"
BP-150	"	"
BP-151	"	"
BP-152	"	"
BP-153	"	"
BP-154	"	"
BP-155	"	"
BP-156	"	"
BP-157	"	"
BP-158	"	"
BP-159	"	"
BP-160	"	"

(b) Forty-six and one-half miles of fly levels were run with a Wye Level, beginning and closing on bench marks of third-order accuracy or higher, or on previously established level points. The greatest error of closure was 0.35 foot. This short line was adjusted.

(c) The first and last fly-level points are 05-1 and 05-48.

Special attention is called to a short level line run in Quadrangle T-9904 (Points 1-4 inclusive). These points are recorded in the level book submitted for this quadrangle.

(d) Inapplicable.

5. CONTOURS AND DRAINAGE

The contouring was accomplished by standard planetable methods on 1:20,000 scale nine-lens photographs at an interval of five feet.

The terrain is very flat in the western section, becoming irregular in the eastern part around Moultrie and Moses Creeks. The terrain along the beach is composed of a series of sand ridges, some of which rise to a height of thirty-five feet. An effort has been made to draw all contours which space provided on the nine-lens photographs, however the contours had to be generalized in some areas due to the size of the feature. The five foot contour has not been drawn along the beach. This contour is one meter west of the high-water line and appropriate notes have been shown on the photographs. The shoreline is constantly changing in this section, especially in the area near the St. Augustine Inlet.

The natural drainage is by Matanzas River, Moultrie and Moses Creeks. Throughout the quadrangle, the sand ridges are broken by flat swamps, which in many instances have no definite drainage other than seepage. The drainage has been delineated on the photographs in accordance with the Director's letter dated 11 August 1952.

6. WOODLAND COVER

The coverage was classified in accordance with current instructions. It is to be noted that scrub is found only along the beach area. This section consists of low scrub oak and palmetto which has an average height of about five feet. See Field Inspection Reports T-9906 and T-9907 for a description of the different types trees within the area.

7. SHORELINE AND ALONGSHORE FEATURES

The shoreline was accomplished in the summer of 1952. See Special Shoreline Report by Henry R. Spies, submitted in November, 1952, a copy of which is filed in the field inspection report of Quadrangle T-9911.

Several bluffs are found along Moultrie and Moses Creeks. These range in heights from five to thirty feet and are depicted by the contours.

8. OFFSHORE FEATURES

There were no offshore features noted. For the accuracy of the location of the mean low-water line, see heading No. 7 above.

9. LANDMARKS AND AIDS

For the nautical landmarks and aids, see special shoreline report mentioned in heading No. 7. One nautical landmark (CUPOLA, 1952) is recommended on Form 567 and one interior landmark (LOOKOUT TOWER, 1952). There are no aeronautical aids within the quadrangle. Positions of all aids were redetermined during field edit.

10. BOUNDARIES, MONUMENTS AND LINES

Eight section corners were recovered and identified on the photographs. Form M-2226-12 is submitted for each. A special report on boundaries was submitted in April, 1953.

11. OTHER CONTROL

CUPOLA, 1952 is submitted on Form 524. There were no photo-hydro stations established.

12. OTHER INTERIOR FEATURES

All roads have been classified in accordance with the Topographic Manual. New roads are being built along the beach area and this fact is called to the attention of the field editor. Buildings to be shown have been circled in red on the contour photographs.

One bridge clearance has been shown on photograph 34962. There are no overhead or submarine cables. A copy of the letter to the District Engineer on bridge discrepancies is included with the Special Shoreline Report.

13. GEOGRAPHIC NAMES

This will be the subject of a special report, which will be submitted at a later date.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

A Coast Pilot Report, Shoreline Report, Boundary Report and Geographic Names Report will be submitted as special reports for the entire project.

22 April 1953
Submitted by:

Martin C. Moody
Martin C. Moody,
Cartographic Survey Aid

5 May 1953
Approved by:

Paul Taylor
Paul Taylor
Lt. Comdr., USC&GS
Chief of Party

MAP T- 9905 PROJECT NO. 2417O SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS 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)
~~AUGUSTINE, 1933~~	~~G-1788 pg 4~~	~~N A 1927~~	~~29° 50' 36.827"~~ ~~81° 16' 37.631"~~	DESTROYED		1133.9 (713.5) 1010.2 (600.4)	
BRADDOCKS POINT 1871	G-6209 pg 792	"	29° 45' 35.576" 81° 16' 16.753"			1095.4 (752.0) 450.1 (1161.9)	
GOVERNMENT, 1859	"	"	29° 47' 16.169" 81° 16' 50.750"			497.8 (1349.6) 1363.1 (248.4)	
KITTLESON, 1934	G-3040 pg 142	"	29° 45' 24.548" 81° 17' 05.020"			755.8 (1091.6) 134.9 (1477.1)	
MANLY, 1859	G-6209 pg 792	"	29° 49' 26.044" 81° 18' 00.356"			801.9 (1045.5) 9.6 (1601.4)	
MARCH, 1871	G-1788 pg 21	"	29° 47' 44.106" 81° 15' 43.180"			1358.0 (489.4) 1159.7 (451.7)	
MICKLER, 1933	G-1788 pg 21	"	29° 47' 40.986" 81° 15' 46.105"			1262.0 (585.4) 1238.2 (373.2)	
BS 1 FGS, 1937	St. Johns County Pg 5	"	2,011,856.06 397,447.95	1,856.06 (8,143.94) 7,447.95 (2,552.05)		565.7 (2482.3) 2270.1 (777.9)	
~~BS 2A FGS, 1937~~	DESTROYED "	" "	~~2,005,539.12~~ ~~397,572.82~~	~~5,539.12 (4,460.88)~~ ~~7,572.82 (2427.18)~~		~~1688.3 (1359.7)~~ ~~2308.2 (739.8)~~	
BS 3A FGS, 1937	"	"	1,999,582.73 397,681.19	9,582.73 (417.27) 7,681.19 (2,318.81)		2920.8 (127.2) 2341.2 (706.8)	
~~BS 4 FGS, 1937~~	DESTROYED "	" "	~~1,996,381.65~~ ~~397,845.88~~	~~6,381.65 (3,618.35)~~ ~~7,845.88 (2,154.12)~~		~~1945.1 (1102.9)~~ ~~2391.4 (656.6)~~	
SUB PT KITTLESON, 1934			29° 45' 81° 16'			761.0 (1086.4) 1586.9 (25.1)	

Page 13

1 FT. = .3048006 METER

COMPUTED BY: J. Steinberg DATE 12 August 1953 CHECKED BY: A. Queen DATE 26 August 1953

M-2388-12

MAP T-9905 PROJECT NO. 2170 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS 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)
BS 5 FGS, 1937	St. Johns County pg 5	N A 1927	1,993,793.82	3,793.82	(6,206.18)		1156.4	(1891.6)		
			397,397.38	7,397.38	(2,602.62)		2254.7	(793.3)		
~~BS 6A FGS, 1937~~	DESTROYED	"	~~1,987,895.34~~	~~7,895.34~~	~~(2,104.66)~~		~~2406.5~~	~~(641.5)~~		
	"	"	~~398,260.72~~	~~8,260.72~~	~~(1,739.28)~~		~~2517.9~~	~~(530.1)~~		
BS 8 FGS, 1937	Pg "6	"	1,974,131.54	4,131.54	(5,868.46)		1259.3	(1788.7)		
			400,183.95	183.95	(9,816.05)		56.1	(2991.9)		
BP 150 FGS, 1934	" Pg 4	"	2,013,776.39	3,776.39	(6,223.61)		1151.0	(1897.0)		
			397,542.37	7,542.37	(2,457.63)		2298.9	(749.1)		
BP 151 FGS, 1934	"	"	2,013,145.69	3,145.69	(6,854.31)		958.8	(2089.2)		
			396,517.85	6,517.85	(3,482.15)		1986.6	(1061.4)		
BP 152 FGS, 1934	"	"	2,014,478.03	4,478.03	(5,521.97)		1364.9	(1683.1)		
			396,506.62	6,506.62	(3,493.38)		1983.2	(1064.8)		
BP 153 FGS, 1934	"	"	2,014,512.15	4,512.15	(5,487.85)		1375.3	(1672.7)		
			394,806.29	4,806.29	(5,193.71)		1465.0	(1583.0)		
BP 154 FGS, 1934	"	"	2,013,259.49	3,259.49	(6,740.51)		993.5	(2054.5)		
			393,856.09	3,856.09	(6,143.91)		1175.3	(1872.7)		
BP 155 FGS, 1934	"	"	2,012,219.19	2,219.19	(7,780.81)		676.4	(2371.6)		
			392,668.34	2,668.34	(7,331.66)		813.3	(2234.7)		
BP 156 FGS, 1934	"	"	2,009,912.32	9,912.32	(87.68)		3021.3	(26.7)		
			390,502.98	502.98	(9,497.02)		153.3	(2894.7)		
BP 157 FGS, 1934	"	"	2,008,870.80	8,870.80	(1,129.20)		2703.8	(344.2)		
			388,785.13	8,785.13	(1,214.87)		2677.7	(370.3)		
BP 158 FGS, 1934	"	"	2,005,672.55	5,672.55	(4,327.45)		1729.0	(1319.0)		
			386,462.97	6,462.97	(3,537.03)		1969.9	(1078.1)		

1 FT. = .3048006 METER

COMPUTED BY: J. Steinberg DATE 12 August 1953 CHECKED BY: A. Queen DATE 26 August 1953

M-2388-12

MAP T- 9905 PROJECT NO. 2h170 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS 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)
BP 159 FGS, 1934	St. Johns County Pg 4	N A 1927	2,002,384.24 383,988.10	2,384.24 (7,615.76) 3,988.10 (6,011.90)		726.7 (2321.3) 1215.6 (1832.4)	
BP 160 FGS, 1934	"	"	1,998,409.95 381,123.01	8,409.95 (1,590.05) 1,123.01 (8,876.99)		2563.4 (484.6) 342.3 (2705.7)	
SUB PT BP 160 FGS, 1934		"	1,990, . 380, .	. . . . . .		2599.7 (448.3) 327.3 (2720.7)	
SUB PT MICKLER, 1933		"	29° 47' . 81° 15' .	. . . . . .		1260.2 (587.2) 1206.8 (404.6)	
MICKLER, 1933 AZIMUTH MARK		"	29° 47' . 81° 16' .	. . .		1138.0 (709.4) 51.0 (1560.4)	
SUB PT AUGUSTINE, 1933		"	29° 50' . 81° 16'	. . .		1210.0 (637.4) 1006.2 (604.0)	
SUB PT BP 157 FGS, 1934		"	2,009,047.82 389,133.88	9,047.82 (952.18) 9,133.88 (866.12)		2757.8 (290.2) 2784.0 (264.0)	
SUB PT BS 2A FGS, 1937		"	2,005,753.79 397,607.80	5,753.79 (4,246.21) 7,607.80 (2,392.20		1753.8 (1294.2) 2318.9 (729.1)	
SUB PT BS 3A FGS, 1937		"	1,997,939.74 397,751.58	7,939.74 (2,060.26) 7,751.58 (2,248.42)		2420.0 (628.0) 2362.7 (685.3)	
SUB PT BS 6A FGS, 1937		"	1,987,316.65 398,305.19	7,316.65 (2,683.35) 8,305.19 (1,694.81)		2230.1 (817.9) 2531.4 (516.6)	
BS 7 FGS, 1937	St. Johns County Pg 5	"	1,980,277.30 399,375.46	277.30 (9,722.70) 9,375.46 (624.54)		84.5 (2963.5) 2857.6 (190.4)	
SUB PT BS 7 FGS, 1937		"	1,979,291.86 399,471.41	9,291.86 (708.14) 9,471.41 (528.59)		2832.2 (215.8) 2886.9 (161.1)	

1 FT. = .3048006 METER

COMPUTED BY: J. Steinberg DATE 12 August 1953 CHECKED BY: A. Queen DATE 27 August 1953

M-2388-12

COMPILATION REPORT

T-9905

The Photogrammetric Plot Report is part of the Descriptive Report for survey T-9904.

31. DELINEATION

Graphic methods were used to delineate this manuscript.

1956 single-lens photographs were used in conjunction with 1952 nine-lens photographs. Field inspection was done on 1952 nine-lens photographs.

32. CONTROL

The identification, density and distribution of control was adequate.

33. SUPPLEMENTAL DATA

The Final Name Sheet, dated 1943, St. Augustine, Florida Quadrangle, was used for geographic names.

The AAA Highway Map of Florida was used as a guide in determining road objectives.

Copies of the following plats were used to delineate the public land lines:

T 7 S,R 29 E (page 7,8,9,10,12)
T 7 S,R 30 E (page 19,21,23)
T 8 S,R 29 E (page 13,14)
T 8 S,R 30 E (page 27,28,29,30,31)
T 9 S,R 29 E (page 29)
T 9 S,R 30 E (page 33,35,36,37)

Refer to Boundary Report Ph-82 (51) March 1953 for information pertaining to boundary lines.

34. CONTOURS AND DRAINAGE.

No comment.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate. The low-water line was delineated by office interpretation of 1956 single-lens photographs.

See Review Report

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 are being submitted for one (1) landmark and twenty (20) non-floating aids to navigation to be charted.

From the list of aids located by the field inspection party, only those whose positions have not been changed or discontinued, since the date of field inspection, are shown on the manuscript.

Additional aids have been office identified on the 1956 photographs and are shown on the manuscript.
Positions of all aids to navigation were redetermined during field edit.

38. CONTROL FOR FUTURE SURVEYS

Forms 524 are being submitted for two (2) Recoverable Topographic Stations and one (1) Azimuth Mark.

39. JUNCTIONS

Junctions have been made with survey T-9904 to the north and surveys T-9906 and T-9907 to the south. There is no contemporary survey to the west and an all water area to the east.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. PUBLIC LAND LINES

All Section and Grant Lines, shown on the manuscript, have been applied to the manuscript from the Land Management Plats listed in paragraph 33 by the following method: Copies of latest plats of the townships were made on vinylite at a scale of 1:20,000. The manuscript was then oriented over these copies of the plats holding to identified

41. LAND LINES (Cont'd)

section and grant corners. Features delineated on the manuscript, such as roads, ditches, edges of clearings or breaks in tree areas that appeared to be old survey lines, and grant lines already established on survey T-9904 to the north, were also held. Adjustments were necessary because the recorded distances between some section corners were in disagreement with the distances between section corners which had been identified and graphically located on the manuscript.

42 - 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with US GS Quadrangle, St. Augustine, Florida, scale 1:62,500, published 1943; and also Advance Sheet (subject to correction). USGS Quadrangle, Crescent Beach, Florida, scale 1:24,000, surveyed in 1937.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Nautical Chart No. 842, scale 1:40,000, published April 1952 and corrected to 8 September 1956.

Items to be applied to nautical charts immediately:

None.

Items to be carried forward:

None.

Respectfully submitted
29 March 1957

Jack Honick
Jack Honick
Carto. Photo. Aid

Approved and forwarded

William F. Deane
William F. Deane,
CDR, C&GS
Baltimore District Officer

Form T-2

PHOTOGRAMMETRIC OFFICE REVIEW

T-9905

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

4a. Classification label H.R.R.

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads H.R.R. 28. Buildings H.R.R. 29. Railroads H.R.R. 30. Other cultural features H.R.R.

BOUNDARIES

31. Boundary lines H.R.R. 32. Public land lines H.R.R.

MISCELLANEOUS

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

40. Harry R. Rudolph — Reviewer; Joseph Steinberg — Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

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

J. HONICK — Compiler; F. TARCZA — Supervisor

43. Remarks:

M-2623-12

FIELD EDIT REPORT
Project Ph-82(24170)
Quadrangle T-9905

The field edit of this quadrangle was accomplished during the month of July 1957.

51. METHODS

The inspection of the quadrangle was accomplished by traversing all passable roads by truck, walking to other areas which required special attention and by skiff along the waterways. Instructions were followed in accordance with letter to Baltimore District Office, dated 9 November 1956, 731-mkl. Standard surveying methods were used for other corrections and additions.

All additions, corrections and deletions have either been indicated on the field edit sheet, referenced to the field photographs, or answered directly on the discrepancy print. A legend, describing the colored inks used, is shown on the field edit sheet. Purple ink was used for additional information on the photographs and on the discrepancy print.

One 1:20,000 scale print is submitted as a field edit sheet. One additional 1:20,000 scale print is submitted with the information on fixed aids to navigation in the San Sebastian River. It is labeled Planetable Sheet.

Thirty-three photographs, on which field edit information has been shown, are listed as follows:

56-W-3496	56-W-3835	56-W-3710	56-W-3917
3498	3837	3711	3918
3680	3838	3712	3919
3681	3860	3714	3920
3682	3861	3716	3921
3683	3862	3832	3923
3684	3864	3833	3925
3685			3927
3686			3928
			3930

52. ADEQUACY OF COMPILATION

The compilation was adequate with the exceptions and additions indicated by the field edit data. It is believed that the compilation will be complete after these are applied.

NOTE: "POINT" not located by the field editor.

Some construction was in progress within the quadrangle during the field edit. U.S. Highway 1 was under construction from the southern limits of the quadrangle to a point near the northern limits. This will eventually be a four-lane highway; the present highway will be the west lane. It is 60 feet from centerline of west lane to centerline of proposed east lane. Florida State Highway 206 has been paved since the original field inspection. It is now a class 4 road. The beach portion is slowly growing. A few sub-divisions were in progress.

Four horizontal control stations have been destroyed by road construction, namely: BS 2A, BS 4, BS 6A and AUGUSTINE, 1933. Forms 526 and 685 are submitted where applicable.

All fixed aids to navigation, within the limits of the quadrangle, were re-located during the field edit. Two separate methods were employed in their re-location. All aids in the Matanzas River were located on the 1:10,000 scale 1956 photographs with the exception of Light 26, which is identified on a 1:20,000 scale 1956 photograph. The Sebastian River aids were located by planetable with the exception of Daybeacon 2 which was identified on a 1:10,000 scale 1956 photograph.

Three section corners and two points on line were recovered and identified on the photographs. The recovery of two section corners along the beach was requested on the discrepancy print; namely, sections 21, 22, 28, 27 -T7S-R30E and 22, 23, 27, 26, T8S-R30E. Neither of these corners could be recovered. The northern corner was probably destroyed when the road was widened and the southern corner has either been destroyed or covered by a growth of thick palmetto.

Many representative areas of woodland have been classified on the photographs. The portion along the beach, south of Crescent Beach, has been shown as Open. This area consists of scrub oak and palmetto which attains an height of about four feet. In many cases it has photographed dark and appears as heavy trees, therefore making it most difficult for the compiler to compare one area with another. It is suggested that where the compiler is in doubt along the beach portion that he show the area as Open for in nearly all instances, it is a borderline case. Many small swamps were omitted during the compilation. In most cases they are easily recognized as they have photographed gray. The inland areas, which were questioned as being Open or Trees, are in most instances places where the paper companies have recently cut the pine trees. In many of these areas, young pine trees have been transplanted and the field editor has classified these sections as Trees.

53. MAP ACCURACY

The horizontal positions of the map detail appear to be good. No standard vertical accuracy test was requested and none was made.

DATA RECORD

T - 9905

Project No. (II): ~~24170~~ PH-82 ~~Ph-82(51)~~ Quadrangle Name (IV):

Field Office (II): Brunswick, Georgia Chief of Party: Paul Taylor

Photogrammetric Office (III): Baltimore, Md Officer-in-Charge: W. F. Deane

Instructions dated (II) (III): 29 December 1951
15 February 1952 (Supplement I)
28 February 1952 (Supplement I)
14 March 1952 (Supplement II)
28 April 1952 (Supplement III)

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000 Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1:000

Date received in Washington Office (IV): 5-24-57 Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 15 May 1957

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): N.A. 1927 Vertical Datum (III): MSL

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): GOVERNMENT, 1859

Lat.: 29°47'16.169" (497.8m) Long.: 81°16' 50.750" (1363.1m) Adjusted ~~Unadjusted~~

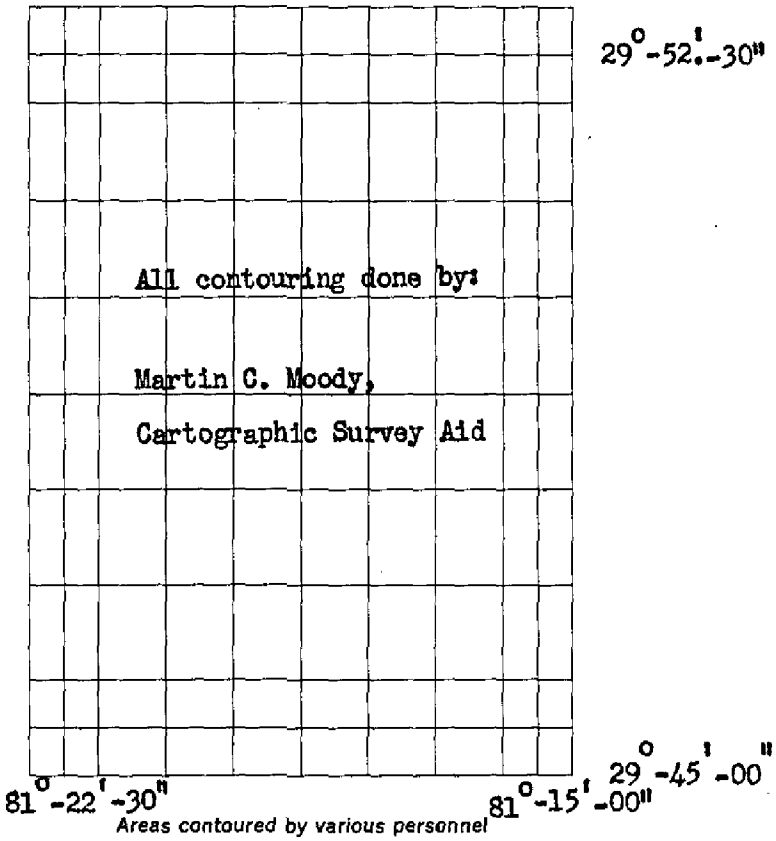
Plane Coordinates (IV): State: Florida Zone: East

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.

M-2618-12(4)



Areas contoured by various personnel

(Show name within area)

(II) (III)

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): Martin C. Moody
Cartographic Survey Aid
Shoreline Inspection H.R. Spies
Date: 1 Feb. 1953 to 1 May 1953
2 Dec. 1952

Planetable contouring by (II): Martin C. Moody
Cartographic Survey Aid
Date: 28 Jan. 1953 to 8 May, 1953

Completion Surveys by (II): J.K. Wilson
Date: 1 AUG. 1957

Mean High Water Location (III) (State date and method of location): 1952 Field Inspection and stereoscopic interpretation of 1956 photographs.

Projection and Grids ruled by (IV): J. Allen Date: 3-26-53

Projection and Grids checked by (IV): H. D. Wolfe Date: 3-27-53

Control plotted by (III): J. C. Richter Date: 7-13-53

Control checked by (III): A. Queen Date: 8-12-53

Radial Plot or Stereoscopic ~~Control extension~~ by (III): H. R. Rudolph Date: 5-11-54

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

Manuscript delineated by (III): J. Honick Date: 3-29-57

Photogrammetric Office Review by (III): H. R. Rudolph Date: 5-22-57

Elevations on Manuscript checked by (II) (III): H. R. Rudolph Date: 5-22-57

Camera (kind or source) (III): U.S.C.&G.S. nine-lens and Camera "W"

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide above MLW
34962 -34963	2-14-52	0938	1:20,000	3.3' (inside) 4.0' (outside)
34975-34976	2-14-52	0956	1:20,000	3.4' (inside) 4.1' (outside)
35031-35033	2-18-52	1006	1:20,000	All land area
3860-3864	10-19-56	1059	1:20,000	2.4' (outside)
3832-3839	10-19-56	1047	1:20,000	3.6' (inside)
3495-3498	10-18-56	1038	1:20,000	All land area
3680-3687	10-19-56	0922	1:20,000	All land area
3710-3716	10-19-56	0947	1:20,000	All land area

NOTE: There is no data available for the range of tide in the Matanzas River in this area.

Tide (III)

from predicted tide tables

	Ratio of Ranges	Mean Range	Spring Range
Reference Station: MAYPORT		4.5	5.3
Subordinate Station: St. Augustine Inlet	1.0	4.5	5.3
Subordinate Station: St. Augustine	0.9	4.2	5.0

Washington Office Review by (IV): S.G. Blankenbaker Date: May 1959

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 55

Shoreline (More than 200 meters to opposite shore) (III): 30 Mi

Shoreline (Less than 200 meters to opposite shore) (III): 18 Mi

Control Leveling - Miles (II): 46.5

Number of Triangulation Stations searched for (II): 44 Recovered: 26 Identified: 10

Number of BMs searched for (II): 35 Recovered: 21 Identified: 19

Number of Recoverable Photo Stations established (III): 3

Number of Temporary Photo Hydro Stations established (III): none

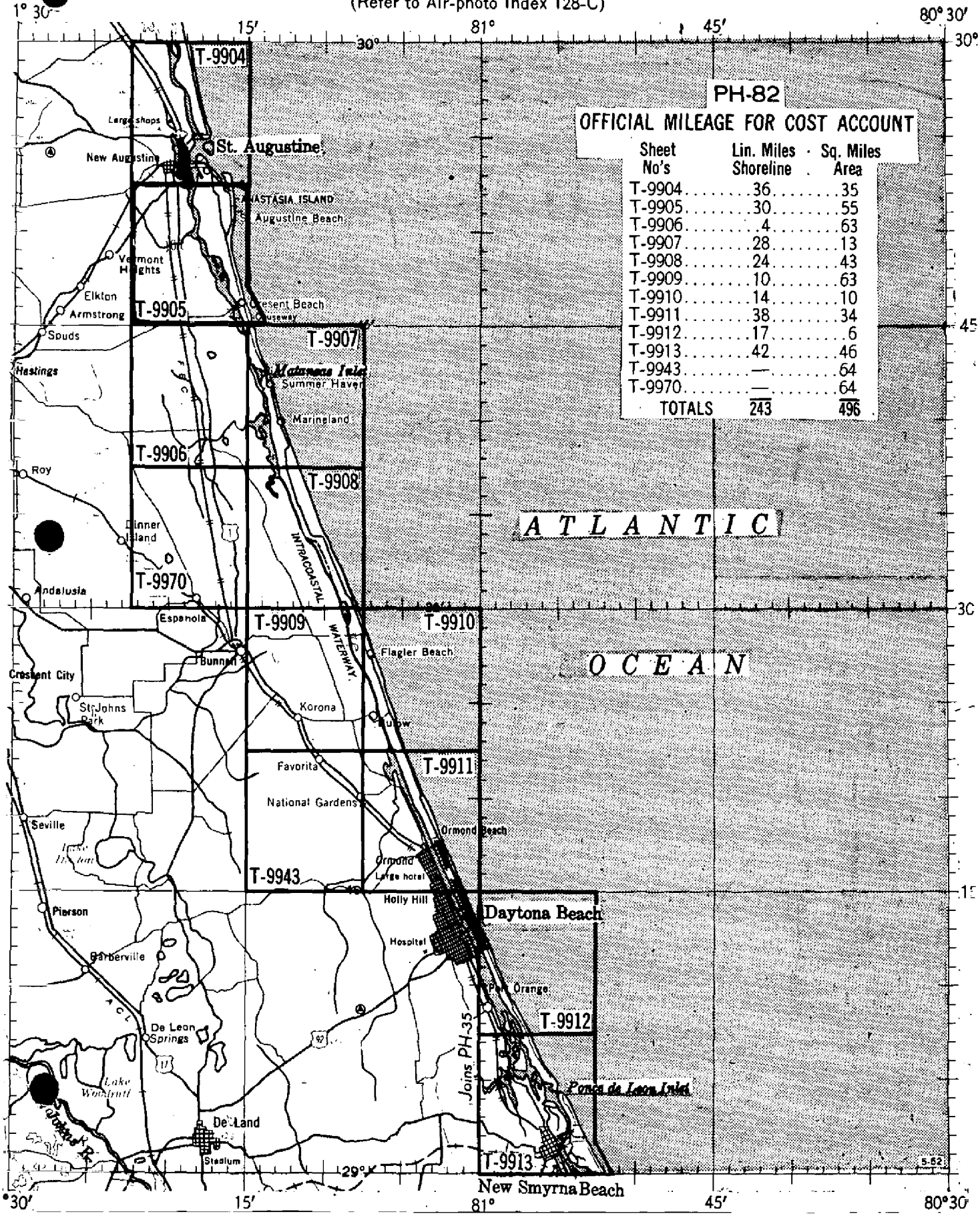
Remarks: Eight section corners were recovered and identified (Field Inspection)
Three " " " " " " (Field Edit)
Two Points on line were identified (Field Edit)

M-2618-12(4)

TOPOGRAPHIC MAPPING PROJECT PH-82

FLORIDA - EAST COAST, St. Augustine to New Smyrna Beach

Compiled by the U. S. Coast and Geodetic Survey at scale 1:20,000
from 1:20,000 scale nine-lens photographs taken February, 1952.
(Refer to Air-photo Index 128-C)



PH-82

OFFICIAL MILEAGE FOR COST ACCOUNT

Sheet No's	Lin. Miles Shoreline	Sq. Miles Area
T-9904	36	35
T-9905	30	55
T-9906	4	63
T-9907	28	13
T-9908	24	43
T-9909	10	63
T-9910	14	10
T-9911	38	34
T-9912	17	6
T-9913	42	46
T-9943	—	64
T-9970	—	64
TOTALS	243	496

The contours were visually checked and were found to adequately depict the terrain. Since the original contouring, several areas have changed due to construction of new subdivisions etc. These areas were revised during the field edit. Other similar areas had been cleared-off, but no change had been made in the terrain.

54. RECOMMENDATIONS

None

55. EXAMINATION OF PROOF COPY

Mr. Emmett W. Pacetti, registered engineer and land surveyor and a resident of the county for thirty years, has agreed to examine a proof copy of this quadrangle for possible errors. Mr. Pacetti's address is: 317 St. George Street, St. Augustine, Florida.

All geographic names were verified as shown on the advance copy of the manuscript with the exception of the name MICKLER. The Mickler family has owned property in this area for many years and before the settlement of Butler Beach and Crescent Beach, this section was known in a very narrow sense as MICKLER. At present , no one refers to this area as MICKLER. The name is obsolete.

1 August 1957
Submitted by:
Joseph K. Wilson
Joseph K. Wilson
Cartographer

Ira R. Rubottom
CDR, USC&GS
Chief of Party

Review Report
Topographic Survey T-9905
May 4, 1959

62. Comparison with Registered Topographic Surveys:

783	1:10,000	1859	4037	1:20,000	1923
1082	1:20,000	1867	4094	1:20,000	1924

T-9905 supersedes these surveys for nautical charting purposes in common areas.

63. Comparison with Maps of Other Agencies:

St. Augustine, Fla. (USGS-1937) 1:62,500 scale
The map is outdated.
St. Augustine, Fla. (AMS) 1:50,000 scale
The map was copied in 1954 from the 1937 USGS quadrangle.

64. Comparison with Contemporary Hydrographic Surveys:

Inapplicable

65. Comparison with Nautical Charts:

842	1:40,000	1952	revised 10/20/58
1244	1:80,000	1930	revised 4/14/58

There is considerable difference in the location of the apparent shoreline along the Matanzas River (chart 842). It is due principally to a difference in interpretation of the outer marsh limits.

There is a difference in the chart location of the MLW line along the Matanzas River and along the ocean. The MLW line shown on T-9905 along the ocean was located on the photographs by the field inspector by measurements to identifiable objects. The MLW line shown on T-9905 along the Matanzas River was located directly on the photography by field inspection and by office interpretation. The photographs used were taken near the time of high tide in the inlets. South of Matanzas Inlet the range of tide is negligible in the inland waters. No data is available for the mean range of tide in the ~~waterway~~ inland waters in the area covered by T-9905.

Positions of all fixed aids to navigation within the limits of T-9905 were re-determined during field edit. The charted positions of some of the aids differ from the positions shown on T-9905.

The clearances determined by the field party for the bascule bridge at Crescent Beach are as follows: (1) horizontal clearance - 79 ft. (2) vertical clearance - 10 ft.

Moultree Creek is navigable by skiff only. No clearance was furnished by the field party for the overhead power cable.

66. Adequacy of Results and Future Surveys:

This map complies with the National Standards of Map Accuracy and Bureau Requirements.

67. Application of Hydrography:

Intracoastal Waterway hydrographic data for use on the Geological Survey quad was applied from Nautical Chart 842 - 1952 revised 10/20/58. Shifts in the position of depth curves and soundings were made during compilation to maintain the proper relationship between aids to navigation and the waterway channel as represented on the chart and to conform with the 1959 Light List Data.

68. Land Grants:

The boundary line between public lands section 30 and grant 41, T7S, R30E is shown on the manuscript 2 chains east of the line between R29E and R30E. The scaled distance on two of the three available plats is 4 chains. The distance on the latest plat scales approximately one (1) chain. The recorded distance appears to be 2 chains.

The traverses of shoreline meanders along grants 40 and 41, T7S, R30E were not furnished on the plats. The traverses of shoreline meanders along grants 42, 43, 46, 47 and 48, T8S, R30E were not delineated on the manuscript due to discrepancies in traverse data.

69. Vertical Accuracy Tests:

Tests were made at the time of the planetable survey and recorded on the photographs.

Reviewed by:

S. G. Blankenbaker
S. G. Blankenbaker

Approved by:

L C Landy
Chief, Review and Drafting Section
Photogrammetry Division

Marvin J Sambo
Chief, Nautical Charts ~~Branch~~
~~Charts~~ Division

J F Waugh 10/10/62
Chief, Photogrammetry Division

Mal S Ricketts
Chief, ~~Coastal Surveys~~ Operations Division

T-9905. Geographic Names.

Anastasia Island
Anastasia State Park
Atlantic Ocean

Bird Island
Butler Beach

Coquina Gables
Crescent Beach

Dupont Center

East Creek

Fishers Island
Florida
Florida East Coast
~~Fort Peyton~~ ← Name should not be Shown (FIELD Edit)
Intracoastal Waterway
Lewis Point
Matanzas River
~~Mickler~~ (on field edit, this name should be further checked, to
Moss Point see if it is not obsolete) obselete (FIELD Edit)
Moultrie
Moultrie Creek
Moultrie Church and Cemetery
Moses Creek
Murat Point

Ocean Shore Boulevard

St. Augustine Beach
St. Johns County
Salt Run
San Julian Creek
San Sebastian River
Shady Grove Church

Tocoi Road

U.S. 1

State Alt. 206, 207

Names approved 5-29-57.

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS OR~~ LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~ } STRIKE OUT ONE

Baltimore, Maryland 21 May 19 57

I recommend that the following objects which have ~~(have) (has)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(or) (for deletion from)~~ the charts indicated.

The positions given have been checked after listing by H. R. Rudolph

William F. Deane *Chief of Party.*

STATE	FLORIDA		POSITION										
			LATITUDE *		LONGITUDE *			METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS	DATUM						
CUPOLA	House on Moultrie Creek Ht = 35 (55)		29 49	28.87 689	81 18	06.70 180	N A 1927	Radial Plot T-9905	1952		X		842

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

M-2836-3

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

TO BE CHARTED / ~~TO BE DELETED~~ } STRIKE OUT ONE

Baltimore, Maryland, 21 May, 1957

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

Date of field edit - Aug. 1, 1957

The positions given have been checked after listing by H. R. Rudolph

William F. Deane *Chief of Party.*

STATE: FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
LIGHT 18	Matanzas River Light		29 51	09.13 281	81 18	19.56 525	NA 1927	Radial Plot T-9505	~~1956~~ 1957		X		842
" 24	" " "		29 50	37.80 1164	81 18	02.31 62	"	"	"		X		"
" 26	" " "		29 49	57.52 1771	81 18	14.94 401	"	"	"		X		"
" 36	" " "		29 48	30.37 935	81 17	23.80 639	"	"	"		X		"
" 39	" " "		29 48	29.88 920	81 16	43.87 1178	"	"	"		X		"
" 43	" " "		29 47	44.40 1367	81 16	25.28 679	"	"	"		X		"
" 45	" " "		29 47	27.70 853	81 16	30.38 816	"	"	"		X		"
" 48	" " "		29 47	07.73 238	81 16	38.31 1029	"	"	"		X		"
" 50	" " "		29 46	55.67 1714	81 16	32.61 876	"	"	"		X		"
" 64	" " "		29 45	40.34 1242	81 15	16.01 430	"	"	"		X		"
" 67	" " "		29 45	23.12 712	81 14	59.92 1610	"	"	"		X		"
" 70	" " "		29 45	08.83 272	81 15	02.90 78	"	"	"		X		"

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U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

~~TO BE CHARTED~~
TO BE DELETED } STRIKE OUT ONE

St. Augustine, Florida, August, 1952

I recommend that the following objects which have ~~not~~ been inspected from seaward to determine their value as landmarks be ~~charted~~ *(deleted from)* the charts indicated.

The positions given have been checked after listing by Henry R. Spies

Paul Taylor *Chief of Party.*

STATE	FLORIDA		POSITION									
			LATITUDE*		LONGITUDE*							
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
DAYBEACON 1	San Sebastian River Daybeacon		29 52.3		81 18.8						X		842
" 208	Matanzas River Daybeacon		29 46.7		81 16.3						X		"
" 210	" " "		29 46.6		81 16.1						X		"
" 216	" " "		29 45.9		81 15.4						X		"
" 217	" " "		29 45.6		81 15.3						X		"
" 220	" " "		29 45.4		81 15.1						X		"
" 222	" " "		29 45.3		81 15.1						X		"

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NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

TO BE CHARTED } STRIKE OUT ONE
~~TO BE DELETED~~

Baltimore, Maryland 16 December, 19 57

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

Date of field edit - Aug. 1, 1957

The positions given have been checked after listing by H. R. Rudolph

William F. Deane *Chief of Party.*

STATE FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	POSITION LATITUDE* ″ D.M. METERS	POSITION LONGITUDE* ° ′	POSITION LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
DAYBN 68	Matanzas River Daybeacon		29 45	19.23 592	81 15	02.27 61	N.A. 1927	Plot T-9905 Rad.	1957		x		842
DAYBN 66	Matanzas River Daybeacon		29 45	25.88 797	81 15	04.35 117	"	"	"		x		"
DAYBN 62	Matanzas River Daybeacon		29 45	47.78 1471	81 15	19.06 512	"	"	"		x		"
DAYBN 60	Matanzas River Daybeacon		29 46	10.43 321	81 15	34.13 917	"	"	"		x		"
DAYBN 58	Matanzas River Daybeacon		29 46	18.87 581	81 15	43.44 1167	"	"	"		x		"
LT 57	Matanzas River Light		29 46	21.18 652	81 15	42.21 1134	"	"	"		x		"
DAYBN 55	Matanzas River Daybeacon		29 46	35.08 1080	81 16	00.37 10	"	"	"		x		"
DAYBN 54	Matanzas River Daybeacon		29 46	35.17 1083	81 16	03.72 100	"	"	"		x		"
DAYBN 53	Matanzas River Daybeacon		29 46	46.96 1446	81 16	16.94 455	"	"	"		x		"
DAYBN 52	Matanzas River Daybeacon		29 46	46.25 1424	81 16	20.03 538	"	"	"		x		"
DAYBN 51	Matanzas River Daybeacon		29 46	56.45 1738	81 16	29.04 780	"	"	"		x		"
DAYBN 49	Matanzas River Daybeacon		29 47	03.54 109	81 16	34.74 933	"	"	"		x		"
DAYBN 47	Matanzas River Daybeacon		29 47	15.36 473	81 16	34.36 923	"	"	"		x		"
DAYBN 46	Matanzas River Daybeacon		29 47	25.82 795	81 16	33.44 898	"	"	"		x		"

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M-2836-3

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~ } STRIKE OUT ONE

Baltimore, Maryland 16 December, 1957

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

Date of field edit - Aug. 1, 1957

The positions given have been checked after listing by H. R. Rudolph

William F. Deane *Chief of Party.*

STATE	FLORIDA		POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*			LONGITUDE*							
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS		° ′	″ D.P. METERS	DATUM						
DAYBN 44	Matanzas River Daybeacon		29 47	39.92	1229	81 16	29.79	N.A. 1927	Plot T-9905	1957		x		842
DAYBN 42	Matanzas River Daybeacon		29 48	06.30	194	81 16	35.82	962	"	"	"		x	"
DAYBN 40	Matanzas River Daybeacon		29 48	18.90	582	81 16	38.09	1023	"	"	"		x	"
DAYBN 38	Matanzas River Daybeacon		29 48	29.62	912	81 16	54.78	1471	"	"	"		x	"
DAYBN 37	Matanzas River Daybeacon		29 48	31.89	982	81 17	07.34	197	"	"	"		x	"
DAYBN 35	Matanzas River Daybeacon		29 48	32.80	1010	81 17	19.25	517	"	"	"		x	"
DAYBN 33	Matanzas River Daybeacon		29 48	41.90	1290	81 17	30.09	808	"	"	"		x	"
DAYBN 30	Matanzas River Daybeacon		29 49	12.37	381	81 17	47.11	1265	"	"	"		x	"
LT 29	Matanzas River Light		29 49	26.70	822	81 17	43.54	1169	"	"	"		x	"
DAYBN 28	Matanzas River Daybeacon		29 49	30.30	933	81 17	54.01	1450	"	"	"		x	"
DAYBN 27	Matanzas River Daybeacon		29 49	52.91	1629	81 18	07.41	199	"	"	"		x	"
DAYBN 25	Matanzas River Daybeacon		29 50	22.25	685	81 17	57.52	1544	"	"	"		x	"
DAYBN 22	Matanzas River Daybeacon		29 50	51.22	1577	81 18	01.97	53	"	"	"		x	"
DAYBN 20	Matanzas River Daybeacon		29 50	59.53	1833	81 18	06.74	181	"	"	"		x	"

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

M-2836-3

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED / ~~TO BE DELETED~~ } STRIKE OUT ONE

Baltimore, Maryland 16 December, 19 57

I recommend that the following objects which have (~~have~~/~~has~~) been inspected from seaward to determine their value as landmarks be charted on (~~deleted~~/~~from~~) the charts indicated.

The positions given have been checked after listing by H. R. Rudolph

Date of field edit - Aug. 1, 1957

SAN SEBASTIAN RIVER DAYBEACONS Nos. 3 through ELEVEN(11)
WERE LOCATED BY PLANETABLE DURING FIELD EDIT (1957)

William F. Deane *Chief of Party.*

STATE	FLORIDA		POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*			LONGITUDE*								
CHARTING NAME	DESCRIPTION	SIGNAL NAME	°	′	″ D.M. METERS	°	′	″ D.P. METERS	DATUM							
DAYBN 17	Matanzas River Daybeacon		29	51	24.46 753	81	18	32.08 861	N.A. 1927	Rad. Plot T-9905	1957		x		842
DAYBN 15	Matanzas River Daybeacon		29	51	39.13 1205	81	18	31.52 846	"	"	"		x		"
DAYBN 13	Matanzas River Daybeacon		29	52	03.38 104	81	18	18.97 509	"	"	"		x		"
DAYBN 2	San Sebastian River Daybeacon		29	52	10.30 317	81	18	25.79 692	"	"	"		x		"
DAYBN 3	San Sebastian River Daybeacon		29	52	13.67 421	81	18	42.85 1150	"	"	"		x		"
DAYBN 4	San Sebastian River Daybeacon		29	52	16.50 508	81	18	45.05 1209	"	"	"		x		"
DAYBN 5	San Sebastian River Daybeacon		29	52	14.29 440	81	18	46.50 1248	"	"	"		x		"
DAYBN 6	San Sebastian River Daybeacon		29	52	15.85 488	81	18	52.24 1402	"	"	"		x		"
DAYBN 7	San Sebastian River Daybeacon		29	52	14.32 441	81	18	54.74 1469	"	"	"		x		"
DAYBN 8	San Sebastian River Daybeacon		29	52	17.60 542	81	18	56.45 1515	"	"	"		x		"
DAYBN 9	San Sebastian River Daybeacon		29	52	18.51 570	81	19	00.00 00	"	"	"		x		"
DAYBN 10	San Sebastian River Daybeacon		29	52	24.65 759	81	18	58.47 1569	"	"	"		x		"
DAYBN 11	San Sebastian River Daybeacon		29	52	25.85 796	81	19	00.56 15	"	"	"		x		"

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

M-2836-3

Form 567
April 1945

DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Coast Pilot Section

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

~~TO BE CHARTED~~
TO BE DELETED } STRIKE OUT ONE

Bunnell, Florida 29 July, 19 57

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be ~~(charted on)~~ *(deleted from)* the charts indicated.

The positions given have been checked after listing by Matthew A. Stewart

Ira R. Rubottom *Chief of Party.*

STATE Florida

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
SAN SEBASTIAN RIVER DAYBEACON(1)			29 52.1		81 18.6		N.A. 1927	Red Plot T-9905	1952		X		842

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

Comm-DC 6132"

NAUTICAL CHARTS BRANCH

SURVEY NO. _____

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
3-19-59	842	R. E. Elkins	Before ~~After~~ Verification and Review Examined - no revisions.
7-6-60	842	R. E. Elkins	~~Before~~ After Verification and Review Topo revised - Fully applied.
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

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