

# 5820

5820

Form 504  
Rev. April 1935

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

*Topographic* } *Sheet No.* T-5820  
*Hydrographic* }

*State* Florida

### LOCALITY

West Coast Florida

Vicinity of Ozona

*Date of Photos* ~ Dec. 7, 1939

1941

### CHIEF OF PARTY

Lieut. Kenneth G. Crosby

Applied to Chart 1257 before review October 13, 1942. L.A.M.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

SHEET NO.

~~Field~~ No. T-5820

REGISTER NO.

State Florida

General locality West Coast Florida

Locality Vicinity of Ozone

Photos.

Scale 1:10,000 Date of ~~survey~~ December 7, 1939

Party:

~~Vessel~~ Air Photographic Party No. 1

Chief of party Lieut. Kenneth G. Crosby

FIELD INSPECTED BY:

~~Surveyed~~ by Lieut. E.L. Jones; Lieut. J.D. Thurmond

Inked by Robert H. Young

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated April 3, 1940

Remarks: \_\_\_\_\_

## PHOTOGRAPHS

Number	Date	Time	Stage of Tide
3948	Dec. 7, 1939	11:36	1.3
3949	Dec. 7, 1939	11:37	1.3
3988	Dec. 7, 1939	12:16	1.2
3910	Dec. 7, 1939	10:59	1.4
3911	Dec. 7, 1939	11:00	1.4
3933	Dec. 7, 1939	11:18	1.4
3934	Dec. 7, 1939	11:19	1.4
3935	Dec. 7, 1939	11:20	1.4

Tide data predicted tables for: Dunedin  
Reference Station: Tampa Bay

Camera: U.S. Coast and Geodetic Survey Nine-Lens (focal length  $2\frac{1}{2}$  inches)  
Negatives on file at Washington Office.

## SCALE

Horizontal scale of Photographs..... 1:10,000 : .9964 — See Review  
Scale of Survey Sheet..... 1:10,000 under Radial Plot  
and Detailing.

## STATISTICS

Area (Acres).....	14.0	Ground statute miles
Shoalwater (more than 200 m. from opposite shore).....	18.2	Statute miles
Shoal area (average).....	23.9	Statute miles
Roads, streets, trails, and railroads.....	60.1	Statute miles

## REFERENCE STATION

Station: HOG ISLAND, 1934

Latitude:  $28^{\circ} 04' 58.874''$  (1812.3 m.)

Date: N.A. 1927

Longitude:  $82^{\circ} 49' 45.248''$  (1235.4 m.)

Florida State Coordinates  
Zone 2 (West)

x = 232,609.08  
y = 1,363,740.56  
Note: See Review paragraph on  
Radial plot and detailing.

Date of Survey - See page 4

## SUPPLEMENTARY SURVEYS

	Name	Date	Hours
Control Surveys.....	KWS, WHS, WOG	April, 1941	9
Planetable Surveys.....			
Total			9

## FIELD INSPECTION

Preparation of Photographs.....	KWS	Jan. & Feb.	16
Field Work.....	HAD, MMS, JCM	February	62
Taking Notes.....	JDT, MMS, JCM	February	8½
Coast Pilot Notes.....			
Geographic Name Report.....	JAD, LJD	June & July	3½
Landmarks for Charts.....			
Description Cards.....	HAD, JCM	February	13
Recovery Notes.....			
Total			102 ¾

## MAIN RADIAL PLOT

Scale Plot.....	KGC	April, 1941	3½
Projection on Base Sheet.....	Wash. Office		
Projection on Survey Sheet.....			
Control Plotted.....	KGC	April	5½
Control Checked.....	WHS	April	4
Control Trans. to Base Sheet.....	KGC	May	1
Transfer Checked.....	KWS	May	2½
Control Picked on Photographs.....	MMS, JAG, JED	March	39½
Control Checked on Photographs.....	KWS, LJD	April	6
Hydro. & Topo. Stations Picked.....	KWS, LJD, JED	April	31½
Radial Points Picked.....	KWS	April	14
Adjacent Centers Picked.....	KWS, MMS	Feb. & March	27
Templates.....	JED	May	14½
Radial Plot.....	X	May	9
Radial Points Transferred.....	KGC, WHS	May	5
Transfer Checked.....	KWS, WHS	May	4½
H & T Stations Scaled & Checked.....	RHY, WOG	June	1½
Additional Radial Points.....			
Total			169

## DETAILING

Rough Draft.....	RHY	June	104
Smooth Draft.....			
Total			104

## COMPILATION

Index Overlay.....	RHY	June	7
Descriptive Report.....	RHY, KGC	June & Aug.	8½
Field Review.....	KGC	August	7
Total			22½

Total Time Spent on Sheet..... 407½ Hours

X - several of office personnel

1.

DESCRIPTIVE REPORT  
To Accompany  
SHEET NO. T---5820

GENERAL

This sheet was compiled from nine-lense aerial photographs in accordance with "Instructions for Drafting Air Photographic Surveys, Project H.T. 242", dated April 3, 1940.

The general locality of the area covered by this survey sheet is Florida, West Coast, between the towns of Ozona and Dunedin.

The area covered by this sheet is divided into about two equal parts by Curlew Creek, running from east to west. About one third of the area of the sheet is in citrus.

The Atlantic Coast Line railway runs north and south, along the shore, of this area. The shoreline is mostly fast ground with a few spots of marsh and swamp.

*Caladese*  
Hog Island, on the west of the sheet, was divided into two islands about 1918 by a hurricane, the pass between these islands was then named "Hurricane Pass". The northern one of these two islands is the nationally famous "Honey-moon Island".

Approximate M.L.W. is shown by a dotted line and approximate limits of shoal areas are shown by a dashed line. These features are shown for the use of the hydrographer only. A light shore line indicates marsh. In some cases, the limits of the marsh are not shown (ex. just north of Pelican Cove). Here the marsh is only a fringe and hardly large enough extent to indicate.

All double line roads are to be shown as first class roads. All roads, except as indicated in one place, are to be shown 0.6 m.m. wide, as none of the roads on this sheet are more than 12 meters wide.

All buildings visible under the stereoscope, except the ones in the towns of Dunedin and Ozona, have been shown. In these communities only the ones along the shore have been shown

A power line running north and south is shown on the extreme east side of this sheet. Its direction could not be followed after reaching the sub-station at Curlew. For this reason the line is broken at that point.

MAIN RADIAL PLOT

A continuous radial plot was run on May 10 - 12, 1941 for the purpose of locating all photograph centers, all hydrographic stations, topographic stations, bench marks, azimuth marks and radial points. The plot extended over the entire area covered by Sheets Nos. T-5818 to T-5825, inclusive, except Sheet No. T-5822. All photographs, furnished by the Washington Office, for the area covered by these sheets were used.

The plot comprised of 71 templates. These were made in accordance with "Notes on Radial Plotting of Nine-Lens Air Photographs" dated April 9, 1940 except that mask lines were not transferred to the survey sheet and many more points were located by the radial plot than recommended.

Practically all templates were rigidly fixed by control furnished by previous established triangulation or traverse. A few templates had no triangulation or traverse control but they were rigidly fixed by points determined by radial intersections of previously laid templates. Agreement along the flight line was excellent and the intersection of radial lines to photograph centers on adjacent flight lines was very good.

The usual practice of laying a plot was followed. This consisted of plotting the control on the survey sheets and transferring it to the base grids by matching individual grid squares. There was only a slight adjustment necessary when making the transfer. The base grids were securely taped to the plotting table and allowed to remain for 48 hours before laying the plot. The base grids were readjusted and retaped prior to laying the first template.

Due to the extensive amount of control, no difficulty was experienced in laying the plot. After laying all templates it was believed to be unnecessary to relay any part of the plot since practically all of the radial intersections formed a common point.

All points located by the radial plot were transferred and checked on the survey sheet by matching individual grid squares. In cases where there were but two radial lines to a point, the radial lines were transferred to the survey sheet for a further check by the draftsman when detailing the sheet. There were very few intersections which had a triangle of error and in such cases due regard was given to the strength of the intersection as well as the probable error in the radial line itself. In several instances where the triangle of error was too large to accurately pick the point, all of the radial lines were transferred to the survey sheet for further study by the draftsman to obtain a common point of intersection.

A majority of the radial intersections gave a common intersection for four to seven radial lines. With such good agreement no difficulty was experienced in accurately picking the located point. It is believed that all radial points are within 0.20 m.m. of their true location and these points are indicated on the survey sheet by 2.5 millimeter circles.

Radial points and H. & T. Stations located by only two cuts have been indicated by leaving the cuts on the sheet.

The following H. & T. Stations were located by only two cuts: One Bird Rack in St. Joseph's Sound; Four Bird Racks in the Gulf of Mexico; Three Mangrove Trees around Pelican Point; Center of Grass Patch; Small Cedar Tree.

Various colored inks were used on the photographs and survey sheet to designate triangulation stations, traverse stations, topographic and hydrographic stations, etc. The following key is furnished for reference.





## INTERPRETATION OF PHOTOGRAPHS

Field notes were adequate. The scale of the photographs was satisfactory and no difficulty was experienced in interpreting the detail.

## FIELD INSPECTION AND DATE OF SURVEY

The field inspection in this area was done by H. A. Duffy, Photogrammetric Aid, and M. M. Slavney, Engineering Draftsman, under the direct supervision of Lieut. E. L. Jones and Lieut. J. D. Thurmond. The field inspection was executed during the months of February and March, 1941. The legend used by the field inspection party and the draftsman is made a part of this report.

Details on T-5820 are as of date of Photos. - Dec. 7, 1939

## DETAILING

Before any inking was done the entire sheet was rubbed with dry magnesium carbonate and then washed with water. No additional cleaning was necessary during the inking.

## JUNCTIONS

This sheet joins T-5819 on the north, T-5823 on the south, and T-5821 on the east. All junctions are in agreement.

## COMPARISONS WITH OTHER SURVEYS

Comparison was made with U.S. Coast and Geodetic Topographic Sheet # 1698 dated 1883, scale 1:20,000. In general, little change in shoreline has occurred, except in the case of Hog Island, referred to under "GENERAL". A seawall, about two miles in length, just east of Sand Keys has been constructed since 1883. Comparison with Chart No. 178 indicates that the two navigational lights in St. Joseph Sound between Hurricane Pass and the town of Ozona should be deleted from the chart. The field inspection party reported the lights missing in February, 1941. A special trip was made to the site of each light August 8, 1941 to determine their present status. Neither light existed on this date. A temporary light, mounted on three mangrove stakes and maintained by residents on Hog Island, exists just south of the charted position of light F 1 "5".

## GEOGRAPHIC NAMES

The investigation of geographic names on this sheet is the subject of a special report entitled "Investigation of Geographic Names - Anclote Keys to Entrance of Tampa Bay", submitted to the Washington Office by Lieut. (j.g.) James D. Thurmond.

## LANDMARKS

There are no prominent landmarks on this sheet.

Respectfully submitted,

*Robert H. Young*  
Robert H. Young  
Hand Draftsman

Forwarded

*Kenneth G. Crosby*  
Lieut. Kenneth G. Crosby  
Chief of Party

# GEOGRAPHIC NAMES

Survey No. **T-5820**

No. 1.

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A.	B.	C.	D.	E.	F.	G.	H.	K.	
✓ St. Joseph Sound ✓									1
✓ Caladesi Island (Not Hog I.)									2
✓ North Point ✓									3
✓ Pelican Point ✓									4
✓ Pelican Cove ✓									5
✓ Grassy Key ✓									6
✓ Little Bayou ✓									7
✓ Hurricane Pass ✓									8
✓ Lone Oak Point ✓									9
✓ Ozona ✓									10
✓ Curlew ✓									11
✓ Burghstream Point ✓									12
✓ Lungrun Point Bayou ✓									13
✓ Brooker Creek ✓									14
✓ Smith Bayou ✓									15
✓ Smith Islands ✓									16
✓ Minnow Creek ✓									17
✓ Ward Island ✓									18
✓ Curlew Flats ✓									19
✓ Curlew Creek ✓									20
✓ Dump Bank ✓									21
✓ Sand Keys ✓									22
✓ Cedar Creek ✓									23
✓ Cedar Creek Flat ✓									24
✓ Dumedin Islands ✓									25
✓ Dumedin ✓									26
✓ Bird Key ✓									27

## Remarks.

## Decisions

1		280827
2	Will be re-submitted to Board: approved name must be used pending its decision.	280828 U.S.G.B.
3		"
4		"
5		"
6	Not Grassey	"
7		"
8		"
9		"
10		280827
11		"
12		"
13	Names Report has Lungrun	"
14		"
15		"
16		"
17		"
18		#
19		"
20		"
21		280828
22		280827
23		"
24		"
25		"
26		"
27		280828

# GEOGRAPHIC NAMES

Survey No. T-5820

No. 2.

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A.	B.	C.	D.	E.	F.	G.	H.	K.	
✓ <u>Seven Mouth Creek</u> ✓									1
✓ <u>Brick Yard</u> ✓ 1111111111									2
✓ <u>Jerry Branch</u> ✓									3
✓ <u>Gulf of Mexico</u> ✓									4
✓ <u>Horseshoe Bar</u> ✓									5
									6
									7
									8
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									11
									12
									13
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									22
									23
									24
									25
									26
									27

Heck 11/15/41

## Remarks

## Decisions

1	In Names Report Sheet No. 25.	280828
2	Names Report calls it a "small creek": name should preferably be <u>Brickyard Creek</u>	280827
3		"
4		
5		280827
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DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEYTopo. Sheet No. T-5820  
Hurricane Pass & St. Joseph Sound.

## LANDMARKS FOR CHARTS

List of Permanent (Non-floating)  
Aids to Navigation. September 11, 1941

STRIKE OUT ONE

TO BE CHARTED  
~~NON-FLOATING~~

Tampa, Florida, September 25, 1941.

188

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

The positions given have been checked after listing.

Lieut. Kenneth G. Crosby,

Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION						METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		LATITUDE		LONGITUDE		DATUM							
		°	'	°	'								
							D. M. METERS						
	HURRICANE PASS BEACON NO. 1	28 02	1439	82 49	1021	N. A. 1927	Sextant	9/11/41	X			1257	
	HURRICANE PASS BEACON NO. 3	28 03	604	82 49	94	"	"	"	X			"	
	HURRICANE PASS BEACON NO. 5	28 03	788	82 48	1344	"	"	"	X			"	
	ST. JOSEPH SOUND, BEACON NO. 73	28 01	1141	82 48	264	"	"	"	X			"	
	ST. JOSEPH SOUND, BEACON NO. 92	28 01	1563	82 47	1617	"	"	"	X			"	
	ST. JOSEPH SOUND, BEACON NO. 73 A	28 02	917	82 48	338	"	"	"	X			"	
	ST. JOSEPH SOUND, BEACON NO. 92 A	28 02	923	82 48	251	"	"	"	X			"	
	ST. JOSEPH SOUND, BEACON NO. 10*	28 03	71	82 48	311	"	"	"	X			"	
	ST. JOSEPH SOUND, BEACON NO. 75	28 03	1257	82 48	273	"	"	"	X			"	
	ST. JOSEPH SOUND, BEACON NO. 77	28 04	369	82 48	771	"	"	"	X			"	
	ST. JOSEPH SOUND, BEACON NO. 79	28 05	29	82 48	1584	"	"	"	X			"	
	* Shown on Chart as Beacon No. 94.												

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." 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.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

Hopo. Sheet No. T-5820

Hurricane Pass & St. Joseph Sound.  
List of permanent (Non-floating)  
Aids to Navigation. Sept. 11, 1941.

## LANDMARKS FOR CHARTS

Tampa, Florida, September 25, 1941.

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

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

The positions given have been checked after listing.

*Chas. E. Crosby*  
Lieut. Kenneth G. Crosby  
Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION					METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		LATITUDE		LONGITUDE								
		°	'	°	'	D. P. METERS						
	HURRICANE PASS, BEACON NO. 1	28	02	1439	82	49	1021	N. A. 1927	Sextant	9/11/41	X	1257
	HURRICANE PASS, BEACON NO. 3	28	03	604	82	49	94	"	"	"	X	"
	HURRICANE PASS, BEACON NO. 5	28	03	788	82	48	1344	"	"	"	X	"
	ST. JOSEPH SOUND, BEACON NO. 73	28	01	1141	82	48	264	"	"	"	X	"
	ST. JOSEPH SOUND, BEACON NO. 92	28	01	1563	82	47	1617	"	"	"	X	"
	ST. JOSEPH SOUND, BEACON NO. 73 A	28	02	917	82	48	338	"	"	"	X	"
	ST. JOSEPH SOUND, BEACON NO. 92 A	28	02	923	82	48	261	"	"	"	X	"
	ST. JOSEPH SOUND, BEACON NO. 10*	28	03	71	82	48	311	"	"	"	X	"
	ST. JOSEPH SOUND, BEACON NO. 75	28	03	1257	82	48	273	"	"	"	X	"
	ST. JOSEPH SOUND, BEACON NO. 77	28	04	369	82	48	771	"	"	"	X	"
	ST. JOSEPH SOUND, BEACON NO. 79	28	05	29	82	48	1584	"	"	"	X	"
# Shown on Chart as Beacon No. 94.												

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." 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.

REVIEW OF AIR PHOTO COMPILATION NO. T- 5820

Chief of Party: Kenneth G. Crosby      Compiled by: Robert H. Young

Project: H.T. - 242

Instructions dated: April 3

1940

1. The charts of this area have been examined and topographic information necessary to bring the charts up to date is shown on this compilation. (Par. 16a, b, c, d, e, g and i; 26; and 54)

Yes

2. Change in position, or non-existence of wharfs, lights, and other topographic detail of particular importance to navigation which affect the chart, is discussed in the descriptive report. (par. 26; and 66 g, n)

Yes

3. Ground surveys by plane table, sextant, or theodolite have been used to supplement the photographic plot where necessary to obtain complete information, and all such surveys are discussed in the descriptive report. (Par. 66; and 66 d, e)

None used

*Deficient used on non-flooding area*

4. Line prints and maps from other sources which were transmitted by the field party contain sufficient control for their application to the charts. (Par. 27)

None transmitted

5. Difference between this compilation and contemporary plane table and hydrographic surveys have been examined and rectified in the field before forwarding the compilations to the office and are discussed in the descriptive report.

Temporary building and dock on Hog Island ("Honeymoon Island") are not shown. See Field Print No. 3934.

6. The control and adjustment of the photo plot are discussed in the descriptive report. Unusual or large adjustments are discussed in detail and limits of the area affected are stated. (Par. 12b; 44; and 66 c, h, i)

Yes

7. High water line or marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, and 44)

Yes. The light line around marsh and mangrove areas defines the outer limits of vegetation visible at high water. The mean high water line is shown only on fast land; is represented by a heavy solid line.



8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41) Yes. Shoal areas are outlined approximately as an aid for the hydrographer.

9. Reseivable objects have been located and described on Form 534 in accordance with circular 30, 1933, circular letter of March 3, 1933, and circular 31, 1934. (Par. 29, 30, and 37)

Yes

10. A list of landmarks was furnished on Form 537 and instructions in the Director's letter of July 16, 1934, Landmarks for Charts, complied with. (Par. 154, c; and 60)

No landmarks

11. All bridges shown on the compilation are accompanied by a note stating whether fixed or draw, clearance, and width of draw if a draw bridge. Additional information of importance to navigation is given in the descriptive report. (Par. 15a)

Yes, but no bridge of navigational importance. All are fixed-span highway bridges across shallow streams.

12. Geographic names are shown on the overlay tracing. The accepted local usage of new names has been determined and they are listed in the report, together with a general statement as to the source of information and a specific statement when advisable. Complete discussion of place names differing from the charts and from the U.S. & S. Quadrangles is given in the descriptive report, together with reasons for recommendations made. (Par. 64, and 65k)

No overlay. See Special Report mentioned in paragraph entitled "Geographic Names".

13. The geographic datum of the compilation is N.A. 1927 and the reference station is correctly noted.

Yes

14. Junctions with adjoining compilations have been examined and are in agreement. (Par. 64j)

Yes

15. The drafting is satisfactory and particular attention has been given the following:

1. Standard symbols authorized by the Board of Surveys and Maps have been used throughout except as noted in the report.

Yes, legend also used.

2. The degrees and minutes of latitude and longitude are correctly marked.

Yes

3. All station points are exactly marked by fine black dots. Yes
4. Closely spaced lines are drawn sharp and clear for printing. Yes
5. Topographic symbols for similar features are of uniform weights. Yes, legend also used.
6. All drawing has been retouched where partially rubbed off. Not necessary to retouch.
7. Buildings are drawn with clear straight lines and square corners where such is the case on the ground. Yes

(Par. 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48)

15. Is additional surveying recommended at this time.

No additional topographic survey required.

17. Remarks:

18. Examined and approved:

*Kenneth G. Crosby*  
Kenneth G. Crosby  
Chief of Party

19. Remarks after review in office:

Reviewed in office by:

Examined and approved:

~~Chief, Section of Field Records~~

~~Chief, Division of Charts~~

~~Chief, Section of Field Work~~

~~Chief, Division of Hydrography~~

**LEGEND USED FOR FIELD INSPECTION AND DRAFTING  
PROJECT 242 E - 1941**

**TREES**

M - Pine  
Cy - Cypress  
Palo - Palmetto  
Palm - Palm  
D T - Deciduous trees (broad leaf)  
Cit - Citrus (orchard)  
Mix - Pine, cypress & Dec. trees  
(Density)  
Sct. - Scattered  
t.w. - Thinly wooded  
h.w. - Heavily wooded  
Scr - Scrub trees; brush

**VEGETATION**

C - Cultivation  
Gr - Grass  
TGr - Tall Tropical Grass  
M - Marsh (dashed blue line on  
inshore limits)  
M W - Marsh grass in water (dashed blue  
line on offshore limits)  
Sw - Swamp  
Mg - Mangrove  
Hdg - Hedge

**STREAMS**

Ca - Canal (width)  
Cr - Creek  
D - Ditch (width)  
I S - Intermittent Stream  
PDU - Probable drainage unsurveyed  
Brg - Bridge or symbol  
Cv - Culvert  
Lev - Levee

F.G.S. - Florida Geodetic Survey  
U.S.E. - U.S. Engineers  
USBS - U.S. Biological Survey

**ROADS & RAILROADS**

Rd 1 - 1st class road (paved)  
Rd 2 - 2nd class road  
Tr - Trail  
R R - Rail Road  
O P - Overpass (state the kind)  
U P - Underpass (state the kind)  
X - Abandoned trail, road, etc.  
RR ab. - R.R. abandoned (grade only)

**PONDS**

P - Pond  
Cy P - Cypress Pond  
I P - Intermittent Pond

**SHORE LINE**

H.W.L. - mean high water line (solid  
red line - fast land)  
L.W.L. - low water line (dashed red line)  
L.L. - Light line (solid blue line for  
mean high water line on marsh)  
Dk - Dock  
Pr - Pier  
Se W - Seawall  
Bkhd - Bulkhead  
Conc - Concrete  
Wo - Wooden  
Jet - Jetty  
dol - Dolphin  
pile - pile (give type)  
S - Sand  
Mud - Mud  
Rk - Rock or Rocky  
Sty - Stony  
W - Water  
Blf - Bluff (height)

**BUILDINGS**

H - House, barn or building  
Ch - Church (give name)  
Ct H - Court House (give name)  
Bo H - Boat House  
P.O. - Post Office (give name)  
R.R. Sta - Railroad station (give name)  
hos - Hospital (give name)  
Sch - School (give name)

**MISCELLANEOUS**

F - fence  
FB - Fire Break (maintained)  
FBA - Fire Break (abandoned)  
Cem - Cemetery  
Park - Park (give name)  
F.T. - Fire Tower  
T.T. - Transmission towers (tall steel)  
P.L. - Power Line  
Shoal - Approx. limits by long dashed  
line for use by hydrographer

## DIVISION OF CHARTS

### SURVEYS BRANCH

#### Review of Air Photographic Survey T-5820

Contemporary Surveys: None

Previous Topographic Surveys:

T-1698	(1883)	Scale 1:20,000
T-4219	(1925)	Scale 1:20,000
T-1700	(1886)	Scale 1:20,000
T-962	(1860)	Scale 1:20,000

Refer to Descriptive Report T-5820 for comparison with previous surveys.

T-5820 is complete and supersedes for charting purposes the sections of older surveys which it covers excepting details outside of high water line.

Refer to subsequent paragraph headed Preparation of Hydrographic Sheets in report.

Field Inspection:

Field inspection is complete and is described in report T-5820. Some small shoreline changes have been made in the review to conform with shore delineation as shown on field prints 3910 and 3911.

Radial Plot and Detailing:

The plot was well controlled and discussed in detail in the Descriptive Report. Considerable distortion has been found in this sheet.

The Polyconic Projection Tables give the over-all distances of this projection as 11,467 meters along N. edge, 11,474 meters along S. edge, and 7,388 meters north to south. Applying scale factor of .9964, these should read 11,426 - 11,433, and 7362 meters. They actually read 11,423 - 11,429, and 7333 meters. The distortion is much larger than usual and is not accounted for.

Comparison with Charts 178 and 1257:

For comparison with charts see paragraph Comparisons with other Surveys in Descriptive Report of T-5820. The lights spoken of have been deleted from the charts.

Preparation of Hydrographic Boat Sheets:

The following details shown on the manuscript (celluloid drawing) do not appear on the printed map but should be used in making up boat sheets in this area:

1. Semi-permanent topographic stations such as points of marsh and points of mangrove.
2. Shoal areas and low water lines indefinite on the photographs but of possible use to the hydrographer.

Redrafted:

T-5820 will be redrawn in this office for publication.

Reviewed by F. H. McBeth

Under the direction of D. H. Benson

Inspected by B. G. Jones *B.G. Jones*

Examined and approved:

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