

# 5877

Diag'd. on diag. ch. No. 1255

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Air Photo Compilation

Field No. .... Office No. T-5877

### LOCALITY

State Florida

General locality Punta Gorda - ?

Locality Peace River

Date of Photos: 12/19/39; 12/21/39

194 4

### CHIEF OF PARTY

Lieut. Comdr. Kenneth G. Crosby

### LIBRARY & ARCHIVES

DATE Aug 8-1947

# 5877

Partially applied to Chart 1255 5/11/84 R

## DATA RECORD

T- 5877

Quadrangle (II):

Project No. (II):

H.T. 242-G

Field Office: Tampa, Fla.

Chief of Party: K.G.Crosby

Compilation Office:

Chief of Party: K.G.Crosby

Tampa, Fla.

Instructions dated (II III):

Copy filed in Descriptive  
Report No. T- (VI)

Apr. 3, 1940

Completed survey received in office:

2/22/44

Reported to Nautical Chart Section:

2/26/44

Reviewed: 5/31/45

Applied to chart No.

Date:

Redrafting Completed: 12/46

Registered: 7/47

Published:

3/10/47

Compilation Scale: 1:10,000

Published Scale: 1:10000

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): M.S.E

Reference Station (III): PEACE CREEK 1860, 1909

Lat.:

Long.:

~~Adjusted~~26° 58' 18.531" (562.58m) 82° 00' 38.419" (1061.27m) ~~Unadjusted~~

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
4395 ✓	12/21/39	10:30	1:10,000	.5
4369 ✓	12/19/39	11:17	"	.4
4372 ✓	12/19/39	11:22	"	.4
4371 ✓	12/19/39	11:21	"	.4
4368 ✓	12/19/39	11:16	"	.4
4397	12/21/39	10:31	"	.5
4396	12/21/39	10:31	"	.5

Tide from (III): Punta Gorda, Charlotte Harbor

Mean Range: 1.4

Spring Range: 1.9

Camera: (Kind or source) U.S.C. & G.S. 9 lens (8 $\frac{1}{2}$ " focal length)

Field Inspection by: H. A. Duffy, Prin. Photo. Aid date: Aug. 1943

Field Edit by: date:

Date of Mean High-Water Line Location (III): Date of photographs

Projection and Grids ruled by (III) Washington office date: 12-1-43

" " " checked by: " " date: "

Control plotted by: J. Collins, Sr. Photo. Aid date: 12/6/43

Control checked by: R. Dossett, Prin. Photo. Aid date: 12/7/43

Radial Plot by: Tampa Office Personnel date: 12-10-43

Detailed by: Jim Collins, Sr. Photo. Aid date: 12-21-43 to 1-10-44

Reviewed in compilation office by: F. H. Elrod date: 1-15-44  
Prin. Photo Aid

Elevations on Field Edit Sheet checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 25.6

Shoreline (More than 200 meters to opposite shore): 25.7

Shoreline (Less than 200 meters to opposite shore): 31.7

Number of Recoverable Topographic Stations established: 6

Number of Temporary Hydrographic Stations located by radial  
plot: 67

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered  
by, (II) Field Party, (III) Compilation Party, or, (VI) the  
Washington Office.

When entering names of personnel on this record give the  
surname and initials (not initials only).

Remarks:

/

DESCRIPTIVE REPORT  
To Accompany  
SHEET NO. T-5877

CONTROL

There are eleven (11) Triangulation Stations within the limits of this sheet. All but one were adequate to use as control to cut in additional radial points. Triangulation Station A.F.55, 1934 was not held in locating additional radial points, neither was this station held in Radial Plot, of which reference is made in the discussion of the Radial Plot. Secondary control points were established by the Main Radial Plot and held in establishing additional radial points.

MAIN RADIAL PLOT

The Main Radial Plot discussion which includes this sheet has been made apart of the compilation report for Sheet T-5879.

DETAILING

The detailing of this sheet has been according to the current instructions for this project. Field inspection was adequate throughout this sheet to insure accurate detailing. ~~but~~ Some of the photographs were not of good scale, ie. Nos. 4395, 4396, and 4369, especially so, when detailing far from their centers or the outer edges of this sheet. Photograph No. 4372 was found good for detailing the western half, but not good for the eastern half of this sheet and No. 4371 was good for detailing for the western half. The detailing of this Sheet was executed as follows:

Eastern Half - by - James Collins, Sr. Photo. Aid  
Western Half - by - E. E. Gray, Sr. Engineering Draft.

SUPPLEMENTAL DATA

No supplemental data was used.

LANDMARKS AND AIDS TO NAVIGATION

There are no landmarks appearing on this sheet. The Aids to Navigation appearing on this sheet have been listed on Form 567, which is made a part of this report.

*Letter 126-1944*

# HYDROGRAPHIC CONTROL

There are sixty-seven unmarked H. & T. stations, <sup>of which are shown on the manuscript only</sup> that may be used for hydrographic control. In addition, the following marked H. & T. Stations may be recovered for hydrographic use:

Name of Station	Established by	Year
✓ Glen AZ. Mk. 1434		
✓ SEA	K. G. Crosby	1943 ✓
✓ E-24	U.S.C. & G.S.	1933 ✓
✓ DAN	U.S.C. & G.S.	1934-1943
✓ F-24	U.S.C. & G.S.	1933 ✓
✓ G-24	U.S.C. & G.S.	1933 ✓
Tank, Peace River Lodge,	K.G. Crosby	1943 ✓

## GEOGRAPHIC NAMES

A special report on the geographic names under the title "Charlotte Harbor, Gasparilla Sound, Miakka River and Peace River" was submitted by Lawrence C. Bonham, Jr. Photogrammetric Engineer to the Washington Office, November 1, 1943.

## COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

There were no topographic quadrangle maps available for comparison.

## COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Coast and Geodetic Survey Nautical Chart No. 1255. In as much as this chart only shows a very small portion East of Live Oak Point, there can be but little comparison made. However, what was shown, seemed to be in general agreement.

Respectively submitted,

*James Collins*  
James Collins, Sr. Photo. Aid.

*Ellwood E. Gray*  
E. E. Gray, Sr. Engineering Drafts.

Forwarded by:  
*Kenneth G. Crosby*  
Kenneth G. Crosby,  
Chief of Party....

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

LIST OF NON-FLOATING  
AIDS TO NAVIGATION

## LANDMARKS FOR CHARTS

SHEET NO. 5877

**STRIKE OUT ONE**

**TO BE CHARTED  
TO BE DELETED**

Tampa Photogrammetric Office

1101 E. Broadway, Tampa, Fla. Feb. 21, 1944

I recommend that the following objects which have ~~(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.

*Kenneth G. Crosby*  
Kenneth G. Crosby Chief

[illegible]

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

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

## CONCLUSION

1990

## APPENDIX

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400-345

BT:JLW

3071

- # - Wind
- AB - Air Break (maintained)
- SWH - Air Switch (shut down)
- Dem - Demolition
- Dark - Dark (also name)
- Signal - Signal station by long dashed line for use by hydrographer
- Info. - Information
- To. - To (nautical or other) (all other)
- Call. - Call line

# GEOGRAPHIC NAMES

Survey No. T-5877

Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
<u>Florida</u>									USGB	1
✓ <u>Peace River</u>									"	2
✓ <u>Atlantic Coast Line</u>										3
✓ <u>U.S. 41/ Fla. 5</u>										4
✓ <u>U.S. 17/Fla 86</u>										5
										6
✓ <u>Shell Creek</u>										7
✓ <u>Shell Point</u>										8
✓ <u>Whidden Bay</u>										9
✓ <u>Mary Point</u>										10
✓ <u>Lee Branch</u>										11
✓ <u>Hunter Creek</u>										12
✓ <u>Cleveland</u>										13
✓ <u>Long Island</u>										14
✓ <u>Bird Key</u>										15
✓ <u>Coon Key</u>										16
✓ <u>Eagle Nest Creek</u>										17
✓ <u>Harborview</u>										18
✓ <u>Hickory Bluff</u>										19
✓ <u>Live Oak Point</u>										20
✓ <u>Charlotte Harbor</u> (Town)										21
										22
										23
										24
										25
										26
										27

Names underlined in red approved  
by L. Heck on 10/14/46

Review of T-5877

Radial Plot and Detailing:

A check of radial lines to detail points shows that the plot was sufficiently accurate, but that pictures 4395 and 4396 are not of good scale.

It was necessary to make some additions to shoreline detail from Field Inspection and office photos.

Roads were re-classified to conform to standard usage.

Comparison with Previous Topographical Surveys:

T-856 1/20,000 (1860)

So many changes in culture and shoreline have occurred that there is little basis for comparison, except in the most general manner.

Comparison with Contemporary Hydrographic Surveys:

There are no contemporary surveys.

Comparison with Nautical Charts:

T-5877 has already been partially applied to Chart No. 1255. (5/11/44)

Several shoreline changes have been made in the reviewing.  
The inshore data is absent on the old chart.

The above changes in the manuscript was reported to Nautical Chart Section, on June 6, 1945.

Reviewed by Lena T. Stevens, June 6, 1945, under the direction of  
Ralph M. Berry.

Inspected by B. G. Jones *B.G. Jones 7/47*

Examined and Approved:

*[Signature]*  
Chief of Surveys Section

*K.T. Adams*  
Chief, ~~Topography Section~~  
Division of Photogrammetry

*[Signature]*  
Chief, Division of Charts  
*[Signature]*  
Chief, Division of Coastal  
Surveys 19c

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-5877

## Record of Application to Charts

[illegible]

M.2168-1

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

T-9640

SPECIAL REPORT

Ph-65(50)

Planimetric Mapping Project

Nome to Cape Prince of Wales, Bering Sea, Alaska

Correction from field (unadjusted) datum to North American 1927 was computed for T-9639 through T-9643, as these maps north of Cape Prince of Wales were radial plotted on unadjusted field datum. The correction was computed by converting the old and new positions of the latitude and longitude of the reference station for each map, and was recorded to the nearest one-tenth of a meter, on each registered clothbacked map and its manuscript near the title block, and in each descriptive report near the datum note on page T-1, with the following stamp:

The difference between Unadjusted Datum  
and N.A. 1927 Datum is Lat. plus/minus 0.3 m.  
and Long. plus/minus 0.3 m.

However, as the title block of each registered map contained the note, "1927 North American Datum", it was necessary to stamp the word "(Unadjusted)" beside this datum note in the title block of these registered maps.

No correction was necessary for maps T-9644 through T-9654, as they were radial plotted on adjusted N. A. 1927 Datum. Each report lists the name of the Reference Station on that map, but as this area was Classified during review, the positions of these stations are not shown. Since registration, it has been Declassified.

See the Special Report filed with the Completion Report of this project for more details and a project index showing the correction for each map.