

6793a&b

Graphic Control

at 100

Form 504 Rev. April 1935	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. T-6793a T-6793b
U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES MAY 19 1941 Acc. No.	
State Florida	
LOCALITY Pensacola Bay Entrance Gulf Coast	
1930	
CHIEF OF PARTY G. C. Mattison	

U. S. GOVERNMENT PRINTING OFFICE

6793a&b

Graphic Control

Applied to Chs 413 + 490 Nov. 12/41 G.R.

(Before review)

On page 3, Des. Rept., 1st line describes a breakwater which should be deleted from charts. It is believed that the wharf in pencil on T-6793a in this area is the feature F.P. recommends deletion. The jetties in this area are inked on T-6793a+b and evidently are to be retained on the charts. G.R.

Applied to IWW #872, April 1947. agH.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

REG. NO. T6793 a & b

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

Field No. _____

REGISTER NO. T-6793 a and b

State Florida

General locality ~~Gulf Coast~~ Pensacola Bay

Locality ~~Pensacola Bay~~ Entrance to Bay

a 1:10,000

Scale b 1:20,000 Date of survey Feb. - May, 1940 19

Vessel Ship HYDROGRAPHER (Launch FARIS)

Chief of party G. C. Mattison

Surveyed by E. B. Lewey

Inked by C. W. Clark

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated June 24, 1939, 19

Remarks: _____

DESCRIPTIVE REPORT

TO ACCOMPANY

TOPOGRAPHIC SHEETS T-6793 a and T-6793b

INSTRUCTIONS:

These surveys were executed in accordance with Directors Instructions for Project MT-236.

Instructions dated June 24, 1939.

Supplemental Instructions dated July 1, 1939.

Supplemental Instructions dated Oct. 13, 1939.

Supplemental Instructions dated Jan. 31, 1940.

GENERAL DESCRIPTION of COAST:

These surveys were executed primarily for location of signals for control of hydrography in the Gulf. The shore line was not surveyed. This area is covered by air photo compilations from photos made in 1934 and the coast is described adequately in the Coast Pilot.

LANDMARKS:

The only new landmarks suitable for navigation is the "Coast Guard Station Lookout Tower" (sheet #6793a) at Lat. $30^{\circ}19.1'$, Long. $87^{\circ}15.3'$ which replaces "Coast Guard Cupola".

CONTROL:

Control was based on a scheme of second-order triangulation executed in 1934. Sufficient stations were recovered so that no new control was required. Only those stations which were useful for the work done are plotted on the sheets.

Δ "Lakes" at Lat. $30^{\circ}19.4'$, Long. $87^{\circ}13.9'$ and "Coast Guard Cupola" at Lat. $30^{\circ}19.1'$, Long. $87^{\circ}15.3'$ are lost and are not shown on the sheets.

SURVEY METHODS:

Standard topographic survey methods were used. On sheet T-6793b signals were located by stadia traverse supplemented by resection and intersection methods. All traverses closed within the allowable limits for the scale of sheet and were adjusted when necessary in accordance with page 57 of the Topographic Manual. On sheet T-6793a all signals and topography were located by resection and intersection methods.

COMPARISON WITH PREVIOUS SURVEYS:

Survey of the shore line was not required by the instructions and none was made. The shore line shown on the sheets in pencil was transferred from air photo compilation sheets T-5489⁽¹⁹³⁴⁾, and T-5490⁽¹⁹³⁴⁾. No changes were made in the shore line as transferred from those sheets. Comparison of shore line was made by visual inspection only and no changes noted.

The positions of breakwaters and jetties shown in ink on the west side of Pensacola Bay Entrance, Sheet #6793a, were verified. The

small breakwater shown on air photo compilation sheet T-5490 at Lat. ⁽¹⁹³⁴⁾ 30°-19.57', Long. 87°-18.8' is no longer in existence and should be deleted from charts. Pensacola-Mobile Beacons #7 and #9 were verified. Position of Bn. 7 on chart 413 does not check position on air photo sheet T-5490. ⁽¹⁹³⁴⁾ Beacons 5 was moved from the position shown on sheet T-5490 100 meters to the position shown in ink on sheet T-6793a. Beacon 3 did not exist at the time of this survey.

The position of "Massachusetts Wreck" as plotted on chart 413 (⊙ Mast on sheet H-5730) ⁽¹⁹³⁵⁾ was verified on sheet 6793b. Previous plane table or triangulation positions of this station were not available at the time of this survey.

Two small piers were located on sheet 6793a as shown in ink on either side of the Intercoastal Canal at Lat. 30°-19.65', Long. 87°-19.25'. These are small wooden piers built and maintained by the U. S. Army.

On chart 490 a wreck with hull above water is shown at Lat. 30°-20.7', Long. 87°-17.0'. A submerged wreck symbol is charted at this same point on chart 1265. No wreck is charted at this point on chart 413. On sheet ^{H-5823} ~~H-5730~~, 1935, considerable developing was done at this position and recommendations for continuance of charting or deleting the wreck was probably covered in the descriptive report for that sheet. The Coast Guard reported on April 30, 1940 that no wreck was visible above water at that point. No field investigation was made by this party.

In the area common to both sides of the sheet the larger scale sheet (T-6793a) should be accepted.

GEOGRAPHIC NAMES:

No new geographic names were used on the sheets. Chart 413 and the Light List call the fort on the west side of Pensacola Bay Entrance "Fort Mc Ree". In triangulation records the name is used correctly as "Fort McRae". The latter spelling was verified by telephone from Fort Barrancas.

*noted
L.H.*

Respectfully Submitted,

Charles W. Clark.

Charles W. Clark, Aid,
U. S. Coast & Geodetic Survey,

Forwarded:

W. M. Scaife,
W. M. Scaife,
Chief of Party,
Commanding HYDROGRAPHER

*Inspected.
No review necessary.
Wreck symbol in lat 30-20.7
long. 87-17.0' should be deleted
from chart 1265.*

R.H. Casstens 12/8/42

LIST OF SIGNALS

To Accompany

DESCRIPTIVE REPORT FOR SHEETS T-6793a and T-6793b

SHEET T-6793 a

TRIANGULATION STATIONS:

1. Bar Pilots Lookout Tower, 1934
2. Caucus Cut R. R. Bn., 1934
3. Caucus Cut F. R. Bn., 1934 ----- Light in water.
4. Flagpole, Fort Pickens, 1934
5. Ft. McRae Cutoff R. R., 1934----- Light on low water line.
6. Ft. McRae Cutoff R. R., 1934
7. McRae, 1934
8. Pensacola F. R. Bn., 1934 ----- Light in water.
9. Pensacola L. H., 1934.
10. Pensacola-Mobile Bn. 1, 1934 ----- Light on end of jetty.
11. Pensacola-Mobile Bn. 11, 1934 ----- Light in water.
12. Pickens, (U. S. E.) 1901-1934.
13. S. E. Log Observation Tower, 1934.
14. Tower, E. Battery, 1934.
15. U. S. Naval Air Station Observation Tower, 1934.
16. U. S. Naval Air Station Tank, 1934.
17. U. S. Naval Hospital Tank, 1934.

All stations on land unless otherwise noted.

SHEET T#6793 a (continued)

TOPOGRAPHIC STATIONS:

1. Air	Cupola on military reservation	Not recoverable
2. Caw	Temporary wooden signal	Not recoverable
3. Coast Guard Station Look-out Tower		Recoverable
4. Gun	House on Fort	Not Recoverable
5. Pensacola-Mobile Bn. 5,	Beacon in water	Recoverable
6. Pensacola-Mobile Bn. 7,	Beacon in water	Recoverable
7. Pensacola-Mobile Bn. 9,	Beacon in water	Recoverable
8. Pon	Temporary wooden signal	Not recoverable
9. Ros	Temporary wooden signal	Not recoverable
10. Run	Temporary wooden signal	Not recoverable
11. San	Temporary wooden signal	Not recoverable
12. Shu	Gun	Not recoverable
13. Ta	Temporary wooden signal	Not recoverable
14. Wes	Chimney on house	Not recoverable
15. Yel	House on gun battery	Not recoverable

All stations on land except Bns. 5, 7, and 9.

LIST OF SIGNALS (continued)

To Accompany

DESCRIPTIVE REPORT FOR SHEETS T-6793a and T-6793b

SHEET T-6793b

TRIANGULATION STATIONS:

Those listed for sheet T-6793a not duplicated.

Lagoon "A", 1934	Temporary wooden signal.
Lagoon "B", 1934	Temporary wooden signal.

TOPOGRAPHIC STATIONS:

1. Boy	Temporary wooden signal	Not recoverable
2. Coast Guard Station Look-out Tower		Recoverable
3. Coast Guard Station Flagstaff		Not recoverable
4. Con	Ruins of concrete structure	Not recoverable
5. Kal	Temporary wooden signal	Not recoverable
6. Massachusetts Wreck	Wreck in water	Recoverable
7. Pon	Temporary wooden signal	Not recoverable
8. Que	Ruins of wooden structure	Not recoverable
9. Ray	Temporary wooden signal	Not recoverable

All stations on land except Massachusetts Wreck.

6.12

Remarks

Decisions

1		
2		
3	Referred to U.S.G.B.: stet McRae on sheet pending decision	303873
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
M 234		

GEOGRAPHIC NAMES

Survey No. **T6793**_{a&b}

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>Pensacola Bay</u>									1
<u>Santa Rosa Island</u>									2
Fort McRee									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20
									21
									22
									23
									24
									25
									26
									27

Names underlined in red approved

by L. Heck on 8/29/41

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOSTATIC~~

~~XXXX~~

No. T **T6793** a&b

received May 20, 1941
registered June 5, 1941
verified
reviewed
approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
20			
22			
24			
25			
26			
30			
40			
62			
63			
82			
83			
88			
90			

RETURN TO

82	T. B. Reed
----	------------

✓ TBOR