NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.

Formerly C&GS 1114, 1st Ed., June 1888 C-1915-156 KAPP 177

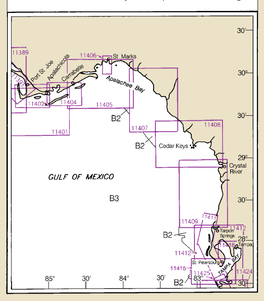
SOUNDINGS IN FATHOMS

11400

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE			
B2	1970-1989	NOS Surveys	partial bottom coverage
B3	1940-1969	NOS Surveys	partial bottom coverage



NOTE C

Port St. Joe is in the Eastern Standard Time Zone.

AERO R Bn
379 mi

ST ANDREW BAY

ST JOSEPH BAY LT
Iso 6s 78ft 13M

SAFETY FAIRWAY
166.200 (see note A)

ST JOSEPH BAY
(see chart 11393 and 11389)

Port Saint Joe
(see note C)

Lake Wimico

Apalachicola R.

East Bay

Eastpoint

ANWR

APALACHICOLA

ST VINCENT SOUND

Use chart 11402

APALACHICOLA BAY

ST GEORGE SOUND
Use chart 11404

ST GEORGE ISLAND

Fl 6s 76ft
WHISTLE

Cape San Blas

Cape St George

Chart 11389

Chart 11401

DANGER AREA 334.650
(see note A)

RESTRICTED AREA 334.660
(see note A)

CAUTION
DANGER AREA 334.670
MISSILE TEST AREA 334.720
(see note A)

Chart 11405

Chart 11404

Chart 11407

Chart 11408

Chart 11409

Chart 11412

Chart 11424

Chart 11414

Chart 11420

Chart 11401

DANGER AREA 334.640
(see note A)

CAUTION
MISSILE TEST AREA 334.720
(see note A)

LIMIT MISSILE TEST AREA 334.720 (see note A)

STEAMBOAT LUMPS
MARINE CONSERVATION DISTRICT
(protected area: 50 CFR 622.34; see note A)

EXPLOSIVES DUMPING AREA DISUSED

SAFETY FAIRWAY
166.200 (see note A)

SAFETY FAIRWAY
166.200 (see note A)

S Sh FAIRWAY ANCHORAGE
166.200 (see note A)

Dump Site
(dredged material)
(see note S)

Exposed pipeline (see note D)

Exposed pipeline (see note D)

Wakulla R.

St Marks

ST MARKS LT
Oc 4s 80ft 8M

Aucilla R

Econfina R

Fenholloway R

Peters Rock

Panacea

Pinery I

Fl 6s 5M

Shell Pt

Q 24ft

Fish Haven
Obstn Cl dry
(auth min 1½ fms)

Fl 4s
Priv

Q
Priv

Q "TR"
Priv

Q "SW" PA
Priv

ROCK I

Live Oak Pt

Piney Pt

Big Grass I

Obstns

Steinhatchee

Steinhatchee R

Deadman Bay

Y "A"
Fl Y 6s
Priv

Fish Haven
(auth min 2½ fms)

Rks

Bowlegs Pt

Pepperfish Keys

Subm platforms

Horseshoe Point

Dump Sites
(discontd)

Horseshoe Cove

Obstn PA
Subm piling so

Subm piles

Suwannee River

Suwannee Sound

Suwannee River

Cedar Keys

AERO
Fl W & G
17M

Fl R 2.5s 16ft 5M "2"

Seahorse Key

OLD TOWER
(Aband Lt Ho)

Snake Key

Withlacoochee R.

Withlacoochee Bay

Withlacoochee R

Port Inglis

STACK (N of 2)
STROBE LT
STACK (W of 2) 497 FT
TR

Fl 6s 31ft 7M

(1 fm rep 1996)

Crystal R

Crystal Bay

Crystal River

Fl Y 4s 12ft
Priv PA

Obstn
(rep 1989)

Wks PA

Homosassa

Homosassa Bay

Chassahowitzka Pt

Chassahowitzka R

Chassahowitzka Bay

Ruins

Raccoon Pt

Fl R 4s 16ft 4M

Northwest Pass
Beacon

Sayport

Weekiwachee R

Fl R 6s 15ft PA
Priv

Iso 6s
Priv

Dinner Key

Red Rk

Aripeka

Pine PA

Hudson
Micro Tr

Tower

Pithlachascotee R

Port Richey

Towers

Anclote Keys

Fl G 6s
16ft 5M "1"

Fl R 4s 16ft 5M "2"

Fl G 2.5s
16ft 5M

Anclote R

STACK
Oft fm
Anclote

TARPON SPRINGS

Fl G 4s
Priv

Wall Springs

Ozona

Dunedin

Safety Harbor

CLEARWATER

Clearwater Pass

Largo

AERO
Rot W & G

TAMPA

Fl R 4s 16ft 5M "10"

Fl G 2.5s
16ft 5M "1"

OLD TAMPA BAY

HILLSBOROUGH BAY

Alafia R

Gadsden Pt

AERO R Bn
388

ST PETERSBURG

Fl R 4s 16ft
6M (A)

St Pete Beach

Pt Pinellas

Mangrove Pt

Little Manatee R

TAMPA BAY

Mullet Key

Fl R 15s 85ft 24M

Egmont Key

Passage Key

Anna Maria Island

PALMETTO

Manatee R

BRADENTON

Piney Point

Terra Ceia

Palma Sola Bay

Somerset

Fl Y 4s
Priv

Y "C12"
Fl Y 4s
Priv

GDAS "42039"
Fl (4) Y 20s

Florida Middle Ground

FLORIDA MIDDLE GROUND
Artificial reef
(see note A)

GULF OF MEXICO

MAGNETIC
VAR 3°15'W (2006)
ANNUAL INCREASE 6'

MAGNETIC
VAR 3°45'W (2006)
ANNUAL INCREASE 6'

Q 1208 "NS"
HORN
Air Force

Q 1208 "NW"
HORN
Air Force

Q 1208 "NE"
HORN
Air Force

Q 1208 "SW"
HORN
Air Force

Q 1208 "SE"
HORN
Air Force

TR
Q 1208 5M "SW"
HORN
Air Force

JOINS CHART 11360

JOINS CHART 11420

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) ○(Approximate location)

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, FL, and 8th Coast Guard District in New Orleans, LA, or at the Office of the District Engineer, Corps of Engineers in Mobile, AL, and Jacksonville, FL.

Refer to charted regulation section numbers

NOTE S

Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices. Dumping subsequent to the survey dates may have reduced the depths shown.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - GULF COAST

FLORIDA

TAMPA BAY TO CAPE SAN BLAS

Mercator Projection
Scale 1:456,394 at Lat. 29°00'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDING IN FATHOMS
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov.

(For offshore navigation only)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical
Al alternating
B black
Bn beacon
C can
DIA diaphone
F fixed
Fl flashing
G green
IQ interrupted quick
Iso isophase
LT HO lighthouse
M nautical mile
m minutes
MICRO TR microwave tower
Mkr marker
Mo morse code
N nun
OBSC obscured
Oc occulting
Or orange
Q quick
R red
Ra Ref radar reflector
R Bn radiobeacon
R TR radio tower
Rot rotating
s seconds
SEC sector
St M statute miles
VQ very quick
W white
WHS whistle
Y yellow

Bottom characteristics:

Blds boulders
bk broken
Cy clay
Co coral
G gravel
Grs grass
gy gray
h hard
M mud
Oys oysters
Rk rock
S sand
so soft
Sh shells
sy sticky

Miscellaneous:

AUTH authorized
ED existence doubtful
Obstn obstruction
PA position approximate
PD position doubtful
Rep reported
Subm submerged

⚓ Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: — — — —

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

NOTE D

Sections of this submarine pipeline are know to be exposed.

HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.

Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

LORAN-C

GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz
PULSE REPETITION INTERVAL
7980 ..... 79,800 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators)
M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary
EXAMPLE: 7980-X

RATES ON THIS CHART

Loran-C correction tables published by the National Geospatial-Intelligence Agency or others should not be used with this chart. The lines of position shown have been adjusted based on theoretically determined overland signal propagation delays. They have not been verified by comparison with survey data. Every effort has been made to meet the ¼ nautical mile accuracy criteria established by the U.S. Coast Guard. Mariners are cautioned not to rely solely on the latticies in inshore waters.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System of 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 do not require conversion to NAD 83 for plotting on this chart.

CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

SOUNDINGS IN FATHOMS

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Tampa Bay to Cape San Blas

SOUNDINGS IN FATHOMS - SCALE 1:456,394

11400

36th Ed., Jan. 2006. Last Correction: 11/2/2016. Cleared through:
LNM: 4716 (11/22/2016), NM: 4416 (10/29/2016)

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If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

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