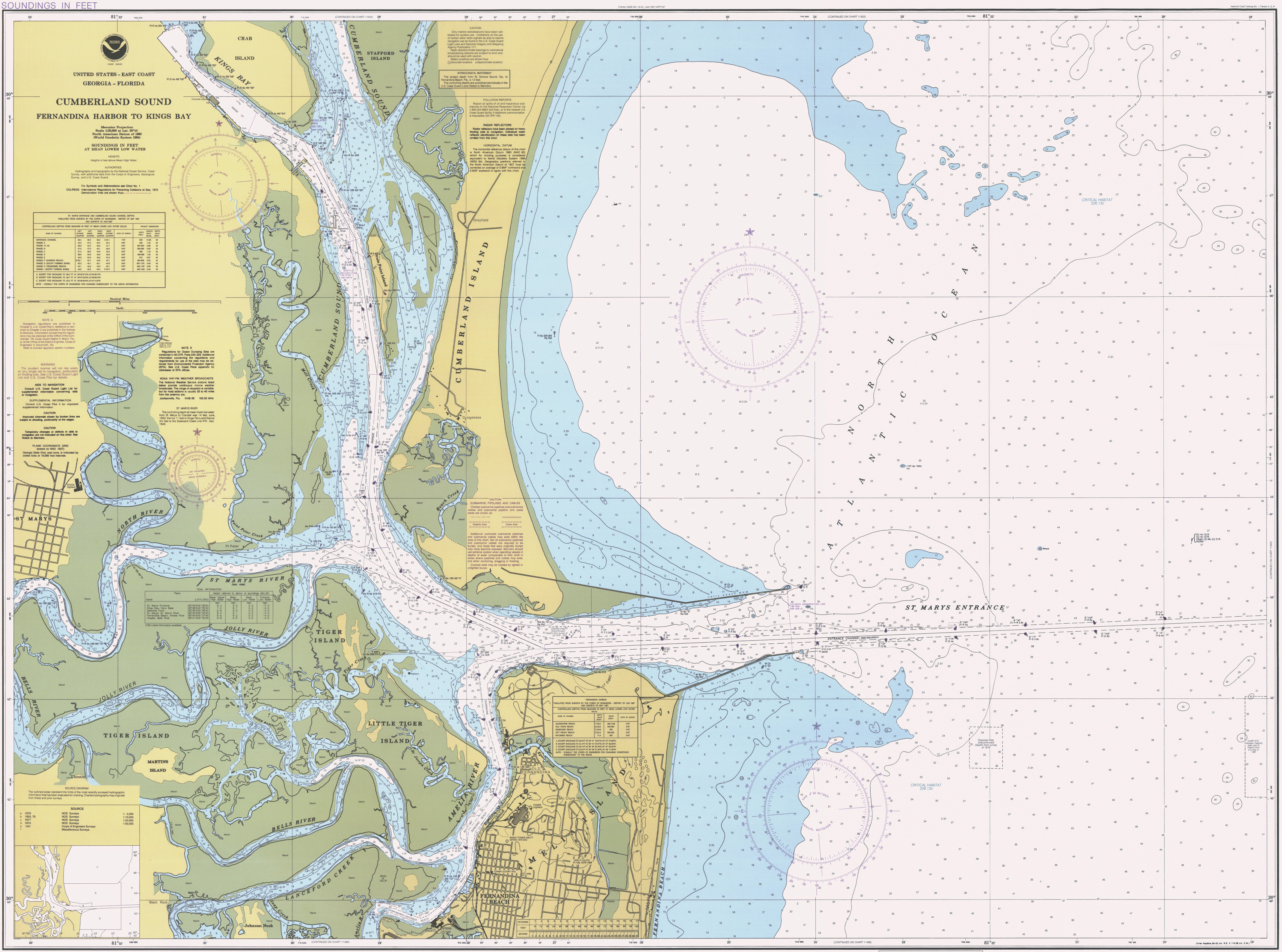
Formerly C&GS 453, 1st Ed., June 1857 KAPP 257

Nautical Chart Catalog No. 1, Panels A, Q, R


CRAB ISLAND
KINGS BAY
STAFFORD ISLAND
CUMBERLAND SOUND
CUMBERLAND ISLAND
Drum Point Island
Oldhouse Creek
Mill Creek
Greyfield
Dungeness
Beach Creek
ATLANTIC OCEAN
NORTH
CRITICAL HABITAT 226.13c
ST MARYS ENTRANCE
ENTRANCE CHANNEL (see tabulation)
COLREGS DEMARCATION LINE 80.720c (see note A)
ST MARYS
NORTH RIVER
Point Peter Creek
Pt Peter
ST MARYS RIVER (see note)
JOLLY RIVER
TIGER ISLAND
Tiger Creek
TIGER BASIN
LITTLE TIGER ISLAND
St Joseph Creek
MARTINS ISLAND
Chester
BELLS RIVER
LANCEFORD CREEK
Soap Creek
Johnson Neck
Black Rock
AMELIA RIVER
Egans Creek
OLD FERNANDINA
Mc Clure Hill
AMELIA ISLAND
FERNANDINA BEACH
Central Park
Atlantic Avenue
RADIO TOWER 206 FT (WYXE) 1570 kHz
AMELIA ISLAND Fl 10s 107ft 19M
FLAGPOLE
Disposal Area (discontinued) Depths from survey of 1979
DUMP SITE (dredged material) (see note S) Depths from a survey of 1981
Wreck
Oc 4s 121ft
Oc 4s 127ft
Obstn (2) Mo (U) 51ft
HORN
REGULATED AREA 165.730 (see note A)
SAFETY/SECURITY ZONE 165.731 (see note A)
VAR 4°45'W (1997) ANNUAL INCREASE 8'
MAGNETIC
Marsh
(CONTINUED ON CHART 11504)
(CONTINUED ON CHART 11502)
(CONTINUED ON CHART 11489)
(CONTINUED ON CHART 11488)
81°32'
81°22'
30°48'
30°40'
(Inner Neatline 84.42 cm. N.S. X 114.56 cm. E.W.)

UNITED STATES - EAST COAST
GEORGIA - FLORIDA

CUMBERLAND SOUND
FERNANDINA HARBOR TO KINGS BAY

Mercator Projection
Scale 1:20,000 at Lat. 30°44'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

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.

For Symbols and Abbreviations see Chart No. 1
COLREGS: International Regulations for Preventing Collisions at Sea, 1972
Demarcation lines are shown thus:— — — — — — —

ST. MARYS ENTRANCE AND CUMBERLAND SOUND CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 1997
AND SURVEYS TO AUG 1997

NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
ENTRANCE CHANNEL	46.4	46.4	45.0	A 42.1	7-97	500	12.36	46
RANGE A	44.0	47.2	45.4	42.4	8-97	482	1.34	42
RANGE A1, A2	46.8	44.2	45.5	41.7	8-97	591-634	0.66	42
RANGE B	47.0	47.5	45.1	43.8	8-97	582-655	0.55	42
RANGE C	37.3	46.0	44.6	42.5	8-97	498	1.19	42
RANGE D	38.6	43.8	43.6	40.9	8-97	489-498	1.35	42
RANGE E	44.0	43.3	43.9	41.5	8-97	512	0.87	42
RANGE F (WARRIOR REACH)	B 36.1	44.7	44.6	42.1	8-97	564-836	0.25	42
RANGE G (SOUTH TURNING BASIN)	42.5	45.1	45.1	44.9	8-97	661-1181	0.49	42
RANGE H (TENNESSEE REACH)	44.1	43.8	44.3	43.1	8-97	482-1197	0.83	42
RANGE I (NORTH TURNING BASIN)	44.8	45.5	45.4	C 34.2	8-97	493-1425	0.46	42

A. EXCEPT FOR SHOALING TO 36.5 FT AT 30°42'37.2"N, 81°24'48.7"W.
B. EXCEPT FOR SHOALING TO 29.7 FT AT 30°47'24.0"N, 81°29'50.4"W.
C. EXCEPT FOR SHOALING TO 22.5 FT AT 30°48'35.8"N, 81°31'12.8"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Nautical Miles
1 ½ 0 1

Yards
1000 500 0 1000 2000

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Fla., or at the Office of the District Engineer, Corps of Engineers in Savannah, Ga.

Refer to charted regulation section numbers.

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.

AIDS TO NAVIGATION

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

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 for important supplemental information.

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 Notice to Mariners.

PLANE COORDINATE GRID
(based on NAD 1927)

Georgia State Grid, east zone, is indicated by dotted ticks at 10,000 foot intervals.

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 Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Jacksonville, Fla. KHB-39 162.55 MHz

ST. MARYS RIVER

The controlling depth at mean lower low water from St. Marys to Crandall was 14 feet, June, 1950; thence 11 feet to Kings Ferry and thence 5½ feet to the Seaboard Coast Line R.R., Dec. 1945.

CAUTION

Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Imagery and Mapping 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)

INTRACOASTAL WATERWAY

The project depth from St. Simons Sound, Ga., to Fernandina Beach, Fla., is 12 feet.

The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

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.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum 1983 (NAD 83) which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.854" northward and 0.659" eastward to agree with this chart.

CAUTION
SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area   Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging or trawling.

Covered wells may be marked by lighted or unlighted buoys.

TIDAL INFORMATION

Place Name	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		Height referred to datum of soundings (MLLW)			
		feet	feet	feet	feet
St. Marys Entrance	(30°43'N/81°26'W)	6.3	6.0	0.2	-3.5
Kings Bay, Navy Base	(30°48'N/81°30'W)	7.0	6.7	0.2	-4.0
Seacamp Dock	(30°45'N/81°28'W)	6.8	6.5	0.2	-4.0
St. Marys, St. Marys River	(30°43'N/81°32'W)	6.4	6.1	0.2	-4.0
Fernandina Beach, Amelia River	(30°40'N/81°27'W)	6.6	6.2	0.2	-4.0
Chester, Bells River	(30°41'N/81°32'W)	6.8	6.5	0.2	-4.0

(195) Latest information available

FERNANDINA HARBOR
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 1997
AND SURVEYS TO MAY 1997
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)

NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
QUARANTINE REACH	A 35.5	400-1100	5-97
OLD TOWN REACH	B 33.6	400-560	5-97
SEABOARD REACH	C 34.6	400	5-97
CITY FRONT REACH	D 23.4	300-400	5-97
RAYONIER REACH	11.9	300	5-97

A. EXCEPT SHOALING TO 32.6 FT AT 30° 41' 19.61"N, 81° 27' 37.60"W.
B. EXCEPT SHOALING TO 31.4 FT AT 30° 41' 07.57"N, 81° 27' 38.35"W.
C. EXCEPT SHOALING TO 33.4 FT AT 30° 40' 33.76"N, 81° 27' 59.22"W.
D. EXCEPT SHOALING TO 22.8 FT AT 30° 39' 57.20"N, 81° 28' 17.38"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

SOURCE DIAGRAM

The outlined areas represent the limits of the most recently surveyed hydrographic information that has been evaluated for charting. Charted hydrography may originate from these and prior surveys.

SOURCE

	Year	Survey	Scale
a	1979	NOS Surveys	1: 5,000
b	1955, 79	NOS Surveys	1:10,000
c	1977	NOS Surveys	1:20,000
d	1974	NOS Surveys	1:40,000
e	1997	Corps of Engineers Surveys	
f		Miscellaneous Surveys	

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 18 19 20 21 22 23 24 25 26 27 28 29 30 31

37th Ed., Nov. 29/97

CAUTION

This chart has been corrected from the Notice to Mariners published weekly by the National Imagery and Mapping Agency and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

LOGARITHMIC SPEED SCALE
1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

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NATIONAL OCEAN SERVICE
COAST SURVEY

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

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