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.

Formerly C&GS 453, 1st Ed., June 1857 KAPP 199

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

TIDAL INFORMATION

Place		Height referred to datum of soundings (MLLW)			
Name	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		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°31'W)	7.0	6.7	0.2	-4.0
Seacamp Dock	(30°46'N/81°28'W)	6.8	6.5	0.2	-4.0
St. Marys, St. Marys River	(30°43'N/81°33'W)	6.4	6.1	0.2	-4.0
Fernandina Beach, Amelia River	(30°41'N/81°28'W)	6.6	6.3	0.2	-4.0
Chester, Bells River	(30°41'N/81°32'W)	6.9	6.5	0.2	-4.0

(998)

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	8.0	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

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

ST. MARYS ENTRANCE AND CUMBERLAND SOUND CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 1997 AND SURVEYS TO APR 1998

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
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)
ENTRANCE CHANNEL	46.4	46.4	45.0	A 42.1	7-97	500	12.36	46
RANGE A	45.2	48.4	47.8	45.0	4-98	482	1.34	42
RANGE A1, A2	46.0	46.8	45.4	42.7	4-98	591-834	0.66	42
RANGE B	47.2	46.1	46.3	42.6	4-98	582-655	0.55	42
RANGE C	40.8	47.3	45.5	44.6	4-98	498	1.19	42
RANGE D	39.9	43.9	43.9	41.4	4-98	489-498	1.35	42
RANGE E	44.2	43.1	43.7	39.5	4-98	512	0.87	42
RANGE F (WARRIOR REACH)	44.1	45.0	45.1	39.2	4-98	564-836	0.25	42
RANGE G (SOUTH TURNING BASIN)	40.6	43.2	44.5	43.0	4-98	661-1181	0.49	42
RANGE H (TENNESSEE REACH)	B 44.1	43.9	44.4	43.3	4-98	482-1197	0.83	42
RANGE I (NORTH TURNING BASIN)	44.9	47.1	45.8	C 36.9	4-98	493-1425	0.46	42

A. EXCEPT FOR SHOALING TO 36.5 FT AT 30°42'37.2"N, 081°24'48.7"W.
B. EXCEPT FOR SHOALING TO 24.7 FT AT 30°47'40.0"N, 081°30'33.0"W.
C. EXCEPT FOR SHOALING TO 21.1 FT AT 30°48'35.8"N, 081°31'12.8"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

38th Ed., Jan. 2/ 99

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.

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.

LOGARITHMIC SPEED SCALE
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 OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

Cumberland Sound - Fernandina Harbor to Kings Bay
SOUNDINGS IN FEET - SCALE 1:25,000

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