

REPORT OF CHANNEL CONDITIONS
(FOR CHANNELS 400 FEET WIDE OR
GREATER)

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Mar-2004

TO:
Commander, Naval Submarine Base, Kings Bay
ATTN: Code FE21, GA

FROM
USACE, District Engineer
Attn: CESAJ-CO-OM Jacksonville, Florida

RIVER/HARBOR NAME AND STATE
Kings Bay Entrance Channel, GA

MINIMUM DEPTHS IN EACH 1/4 WIDTH OF
CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				
Straight Outer Reach: from green lighted Buoy-1 to green lighted Buoy-9	Mar-2004	500	3.2	46	48.4	48.4	48.1	40.5 (1)
Outer Ebb Tide Reach: from green lighted Buoy-9 to green lighted Buoy-13	Mar-2004	500	1.6	46	49.0	48.8	48.9	50.2
Inner Ebb Tide Reach: from green lighted Buoy-13 to green lighted Buoy-17	Mar-2004	500	1.6	46	48.0	48.1	49.5	47.5
Jetty Reach: from green lighted Buoy-17 to green lighted Buoy-21	Mar-2004	500	1.6	46	45.4 (2)	47.8	48.9	45.0 (2)
Inner Jetty Reach: from green Lighted Buoy-21 to 1,200 feet west of yellow Lighted Buoy-E	Mar-2004	500	1.3	46	47.4	49.1	49.1	49.1
North Turning Basin; from red Lighted Buoy-20 to yellow lighted Buoy-F	Mar-2004	350	1.1	42	46.1	45.2	45.4	45.0
South Turning Basin; from green Lighted Buoy-21 to yellow Lighted Buoy-E	Mar-2004	350	1.1	42	39.9 (3)	41.7 (3)	45.0	46.7
Widener P.I. Cut-1N and Range-A; from yellow Lighted Buoy-F to charted position of red Lighted Buoy-22	Mar-2004	0-450	0.6	42	51.5	49.2	49.1	49.8

Remarks:

1. Shoaling along the northern edge of channel approximately 3,400 west of red lighted buoy-2 and approximately 2,300 feet east of red lighted buoy-4.
2. Spot shoaling located approximately on the northern edge of channel 1,150 feet east of green lighted buoy-21. Spot shoaling also located at the southern edge of channel, approximately 1,370 feet east of red lighted buoy-20.
3. Spot shoal in southwest corner of turning basin, approximately 200 feet east of yellow lighted buoy-E.