

REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-316)

Page 1 of 3

February 2001

TO:
Executive Director, 1314 Marcinski Road
Jupiter, FL

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

RIVER/HARBOR NAME AND STATE
Intracoastal Waterway, FL

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

NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			
Atlantic Intracoastal Waterway, Fernandina to St. Johns River: Nassau County, from green Daybeacon-1 to 500 feet south of red Buoy-46A	May-2000	90-350	11.6	12	*	5.4 (1)	*
Duval County, from 500 feet south of red Buoy-46A to the St. Johns River	May-2000	150	10.6	12	*	4.5 (2)	*
Intracoastal Waterway, from Jacksonville to Miami: Duval County, from green Light-1 at the St. Johns River to red Daybeacon-46	May-2000	125	10.2	12	*	8.2 (3)	*
St. Johns County, from red Daybeacon-46 to 500 feet north of green Light-87	May-2000	125	46	12	*	7.0 (4)	*
Flagler County, from 500 feet north of green Light-87 to 850 feet north of green Daybeacon-23	May-2000	125	18.5	12	*	8.9 (5)	*
Volusia County, from 850 feet north of green Daybeacon-23 to green Daybeacon-29	May-2000	125	51.3	12	*	5.8 (6)	*
Brevard County, from green Daybeacon-29 to 350 feet north of green Daybeacon-61	May-2000	125	71	12	*	8.0 (7)	*
Indian River County, from 350 feet north of green Daybeacon-61 to 200 feet south of red Daybeacon 168A	May-2000	125	23.3	12	*	9.1 (8)	*
St. Lucie County, from 200 feet south of red Daybeacon 168A to Fort Pierce Harbor Turning Basin	May-2000	125	6.8	12	*	10.7 (9)	*
From Fort Pierce Harbor Turning Basin to 1000 feet north of green Daybeacon-219	May-2000	125	14.9	10	*	10.0	*
Martin County, from 1000 feet north of green Daybeacon-219 to red Daybeacon-56	May-2000	125	46.7	10	*	8.1 (10)	*
Palm Beach County, from red Daybeacon-56 to 2,000 feet north of red Daybeacon-2	May-2000	100	25	10	*	5.1 (11)	*

TO: Executive Director, 1314 Marcinski Road Jupiter, FL	FROM: USACE. District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida
--	---

RIVER/HARBOR NAME AND STATE Intracoastal Waterway, FL	MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD
---	--

NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			
Broward County, from 2,000 feet north of red Daybeacon-2 to the Broward/Dade county line	May-2000	100	49.4	10	*	7.8 (12)	*
Dade County, from the Broward/Dade county line to end of Cut-D9	May-2000	80	49.3	8	*	4.8 (13)	*
Okeechobee Waterway: Cut-1 thru Cut-3, from the intersection of the Intracoastal Waterway to red Daybeacon-10	May-2000	80	1	8	*	3.8 (14)	*
OWW: From red Daybeacon-10 to the St. Lucie Lock	May-2000	80	14.3	8	*	6.9 (15)	*

Remarks:

* Depths shown on report indicate least depth at a particular location within the County. All other depths throughout reach are generally deeper except where noted below.

1. Extreme shoaling in vicinity of red Buoy-46A & red Light-46, in vicinity of Nassau River. Deeper water exists east of the Federal Channel as marked by the USCG.
2. Extreme shoaling in vicinity of green Light-49, just south of Sawpit Creek. Deeper water exists west of the Federal Channel as marked by the USCG.
3. Shoaling near green Buoy-19A, south of Atlantic Blvd. Bridge. Spot shoal (to 8.4 ft MLW) north of Atlantic Blvd. Bridge, just north of green Daybeacon-19.
4. Shoaling at red Buoy-58E, in vicinity of St. Augustine Inlet. Shoaling throughout entire Palm Valley area with least depth of (7.3 ft MLW) in vicinity of Palm Valley Landing. Shoaling (to 7.1 ft MLW) located from green Buoy-81 to 250 feet north of red Daybeacon-82, in vicinity of Matanzas River/Inlet.
5. Spot shoaling located between red Daybeacon-92 and red Light-94.
6. Spot shoaling located near red Daybeacon-6 in vicinity of north end of Ponce de Leon Inlet channel. Spot shoaling (to 6.6 ft MLW) located between red Daybeacon-68 and green Daybeacon-69. Spot shoaling (to 7.4 ft MLW) located at red Light-10 in vicinity of Rock House creek. Shoaling (to 7.1 ft MLW) is located at south end of Ponce de Leon Inlet channel, from green Daybeacon-19 to green Daybeacon-21. Shoaling (to 6.0 ft MLW) located between green Daybeacon-33 and green Daybeacon-35, in vicinity of New Smyrna Beach. Shoaling (to 7.8 ft MLW) located between red Daybeacon-46 and green Daybeacon-47. Shoaling (to 7.8 ft MLW) located between green Light-51 and red Daybeacon-52.
7. Shoaling located from 2,700 feet north of red Daybeacon-2 to red Daybeacon-4. Shoaling (to 8.5 ft MLW) also located between green Daybeacon-59 and green Daybeacon-61.
8. Shoaling in vicinity of green Daybeacon-61.

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					Page 3 of 3 February 2001		
TO: Executive Director, 1314 Marcinski Road Jupiter, FL				FROM: USACE. District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE Intracoastal Waterway, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

9. Shoaling near red Daybeacon-186, just north of Ft. Pierce Harbor Turning Basin.
10. Spot shoaling (to 8.9 ft MLW) located from approximately 750 feet north of red Daybeacon-228 to red Daybeacon-234. Spot shoaling also located in vicinity of green Daybeacon-17.
11. Spot shoaling (to 8.7 ft MLW) located from 600 feet north of and extending to red Daybeacon-58. Spot shoaling (to 7.1 ft MLW) located at green Buoy-1, just north of Jupiter Inlet. Spot shoaling (to 8.1 ft MLW) located between red Daybeacon-8 and red Daybeacon-10. Spot shoaling (to 8.5 ft MLW) located from red Daybeacon-18 and to just south of SR 80 Bridge. Extreme shoaling located from 300 feet north of red Daybeacon-4 to green Daybeacon-1.
12. Spot shoaling (to 8.5 ft MLW) located at red Daybeacon-68B. Spot shoaling also located from red Daybeacon-72 to 1,000 feet south of green Daybeacon-73.
13. Spot shoaling from red Daybeacon-6 to end of Cut-9. Extreme shoaling located just south of Biscayne National Park.
14. Extreme shoaling located between red Daybeacon-8 and red Daybeacon-10.
15. Spot shoaling (to 7.3 ft MLW) located in vicinity of red Daybeacon-22A. Shoaling (to 7.2 ft. MLW) located between green Daybeacon-27 and green Daybeacon-29. Shoaling also located between green Daybeacon-31 and green Daybeacon-33.