

REPORT OF CHANNEL CONDITIONS
FOR CHANNELS 100 FEET WIDE OR GREATER
(ER 1130-2-316)

PAGE: 1 of 2

DATE: December 6, 2016

TO:
City Manager, City of Key West
P.O. Box 1550, Key West Harbor, Florida 33041-1550

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

RIVER/HARBOR NAME AND STATE
Key West Harbor, Monroe County, Florida

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

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)	LEFT QUARTER (feet)	LEFT QUARTER (feet)	RIGHT QUARTER (feet)	RIGHT QUARTER (feet)
Main Ship Channel Sta. 0+00 - Sta. 52+80	Nov-16	300	1.00	34	35.5	36.3	35.1	35.7
Main Ship Channel Sta. 52+80 - Sta. 105+60	Nov-16	300	1.00	34	40.5	38.4	37.3	39.2
Main Ship Channel Sta. 105+60 - Sta. 158+40	Nov-16	300	1.00	34	37.8	35	34.8	37.8
Main Ship Channel Sta. 158+40 - Sta. 180+91.80	Nov-16	300	0.43	34	36.5	35.3	35.5	34.9
Cut-A Sta. 0+00 - Sta. 65+13.40	Nov-16	300	1.23	34	36.0	35.8	35.6	34.4
Cut-B Sta. 0+00 - Sta. 64+17.60	Nov-16	300	1.22	34	30.9	36.2	35.7	32.5
Cut-C Sta. 0+00 - Sta. 46+00.00	Nov-16	300	0.87	34	33.4	32.0	33	32.8
Cut-C Sta. 46+00 - Sta.54+43.28	Nov-16	300	0.16	30	30.9	31.5	30.9	31.2
Turning Area Widening 1	Nov-16			34	30.2			
Turning Area Widening 2	Nov-16			34	27.3			
Turning Area Widening 3	Nov-16			34	27.7			
Key West Bight Cut-1 Sta. 00+00 - Sta. 19+58.12	Nov-16	150	0.37	26	17.6	15.6		13.2
Key West Bight Cut-2 Sta. 00+00 - Sta. 12+87.37	Nov-16	150	0.24	26	14.9	13.3		16.0
Key West Bight Cut-3 Sta. 00+00 - Sta. 5+27.68	Nov-16	150	0.01	26	13.1	14.3		15.1
Key West Bight Turning Basin Sta. 00+00 - Sta. 52+86.96	Nov-16			26	13.3	14.3		14.8
Turning Basin Sta. 0+00 - Sta. 25+25	Nov-16			30	25.2	25.2	27.8	27.7
Turning Basin Widener West	Nov-16			30	25.5			
Turning Basin Widener East	Nov-16			30	23.9			
Truman Harbor-1	Nov-16			34	21.0			
Truman Harbor-2	Nov-16			34	18.4			
Truman Harbor-3	Nov-16			34	20.1			

REMARKS(Continue on reverse)
Survey #17-010

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

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT	LEFT	RIGHT	RIGHT
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)	OUTSIDE QUARTER (feet)	INSIDE QUARTER (feet)	INSIDE QUARTER (feet)	OUTSIDE QUARTER (feet)
Man of War Cut-1 Sta. 00+00 - Sta. 52+86.96	Nov-16	300	1.00	26	18.5	20.5	20.4	18.6
Man of War Cut-2 Sta. 00+00 - Sta. 16+78.61	Nov-16	300	0.32	26	14.9	11.3	10.3	7.2
Garrison Bight Cut-1 Sta. 0+00 - Sta. 25+00	Nov-16	100	0.47	8	11.9	12.2		13.3
Garrison Bight Cut-2 Sta. 0+000 - Sta. 6+72.27	Nov-16	100	0.13	8	16.1	16.8		17.4
Garrison Bight Cut-3 Sta. 0+00 - Sta. 6+30	Nov-16	100	0.12	8	9.8	9.5		9.6
Garrison Bight Cut-4 Sta. 0+00 - Sta. 6+30 Widener	Nov-16	100	0.43	8	9.1	8.5		8.8
Garrison Bight Cut-5 Sta. 0+00 - Sta. 17+00 Widener	Nov-16	100	0.32	8	8.0	7.8		7.9
Garrison Bight Cut-6 Sta. 0+00 - Sta. 52+80 Sta. 52+80 - Sta. 96+17.53 Widener	Nov-16 Nov-16	100 100	1.00 0.82	8 8	7.9 7.5	7.6 7.6		7.8 7.7
Garrison Bight Cut-8 Sta. 0+00 - Sta. 26+62.57	Nov-16	100	0.50	8	7.7	7.7		8
Garrison Bight Cut-9 Sta. 0+00 - Sta.10+36.50	Nov-16	100	0.20	8	8.0	8.6		8.6
Garrison Bight Turning Basin Sta. 46+00 - Sta.54+43.28	Nov-16			8	9.0	9.1		9.3

REMARKS(Continue on reverse)
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