

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					PAGE 1 OF 3 PAGE		
					DATE		
					August 2021		
TO: FOR THE RECORD				FROM: U.S Army Engineer District, New York Albany Field Office 1st Bond St Troy, NY 12180			
RIVER/HARBOR NAME AND STATE Hudson River, Kingston to Waterford					MINIMUM DEPTHS IN 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 (N.Miles)	DEPTH (feet)			
REACH 62-63		400	0.5	32.0	32.7	34.2	30.7
REACH 57-61		400	2.9	32.0	31.9	32.9	26.8
REACH 56	10-Sep-20	400	2.2	32.0	32.5	33.1	29.4
REACH 55		400	2.3	32.0	29.7	30.7	34.3
REACH 53-54		400	1.7	32.0	31.4	32.3	31.7
REACH 51-52		400	1.2	32.0	38.3	31.6	29.4
REACH 49-50		400	2.7	32.0	30.8	29.3	28.3
REACH 47-48		400	2.3	32.0	31.2	31.3	27.4
REACH 44-46		400	1.6	32.0	32.2	32.6	30.2
REACH 42-43		400	1.5	32.0	34.9	34.6	24.1
REACH 40-41		400	0.7	32.0	31.2	36.8	23.6
REACH 37-39		400	2.5	32.0	26.3	32.6	28.6
REACH 35-36		400	0.8	32.0	26.9	35.6	35.5
REACH 33-34		400	1.1	32.0	29.8	33.2	33.8

REMARKS

1. ALL DEPTHS REFER TO LOCAL COE PROJECT DATUM
2. LENGTH OF EACH REACH TO NAUTICAL MILES (1.15078 STATUTE MILES)

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		WIDTH (feet)	LENGTH (N.Miles)	DEPTH (feet)			
REACH 31-32		400	2.5	32.0	29.1	29.8	28.8
Hudson Anchorage						24.3	
REACH 29-30		400	2.1	32.0	28.3	28.3	27.8
REACH 27-28		400	1.4	32.0	26.8	29.3	26.1
REACH 25-26		400	1.5	32.0	28.6	29.4	27.4
REACH 23-24		400	1.8	32.0	27.8	29.6	30.7
Stuyvesant Anchorage						29.8	
REACH 18-22		400	2.9	32.0	28.1	30.4	24.8
REACH 16-17		400	1.0	32.0	31.8	32.8	27.1
REACH 14-15		400	1.5	32.0	29.6	32.3	27.9
REACH 12-13		400	1.3	32.0	27.3	32.8	30.7
REACH 10-11		400	1.3	32.0	29.1	32.1	26.8
REACH 6-9		400	1.7	32.0	25.8	31.2	25.8
REACH 3-5		400	1.6	32.0	28.4	32.9	26.1
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		WIDTH (feet)	LENGTH (N.Miles)	DEPTH (feet)			
REACH 2		400	1.0	32.0	18.9	18.1	22.4
Albany Turning Basin						27.8	
REACH 1		400	0.5	32.0	15.1	13.8	13.6
Head of the 27' Project to 900' South of Dunns Bridge		400	0.2	27.0	12.5	15.7	14.0
900 FT south of Dunns Bridge to Albany Swing Bridge		400	0.9	14.0	9.0	9.5	13.9
Albany Swing Bridge to Light 223 (Reache N26 to N25)		400	0.4	14.0	0.9	7.2	9.8
Light 223 to Menands Bridge (Reach N25 to N18)		400	3.0	14.0	12.3	13.1	10.4
Menands Bridge to Congress Bridge (Reach N17 to N14)		400	1.7	14.0	13.7	11.4	6.3
Congress Bridge to Collar City Bridge (Reach N14 to N08)		400	0.5	14.0	10.4	6.4	5.7
Collar City Bridge to Troy Lock and Dam (Reach N07 to N05)		400	0.9	14.0	5.6	11.7	8.3
Troy Lock and Dam and Approach (Reach N05 to N04)		40-125	0.3	14.0	8.2	12.6	5.3
Troy Lock and Dam to Waterford (Reach N04 to N01)		200	1.9	14.0	11.2	12.2	10.9
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EDITION OF JUL 59 IS OBSOLETE