

SECTION I

NM 30/11

Chart 14835

NM 30/11

ERIE HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT TO FEB 2011 AND SURVEYS TO NOV 2010								
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 A	23.4	23.8	23.4	12.5	9,11-10	500-220	1.7	29
ENTRANCE CHANNEL B	26.9	27.6	27.5	25.1	9,11-10	250-300	0.2	28
NORTHEAST INNER HARBOR	18.4	24.6	24.5	23.1	9-10	2200	0.3	28
SOUTHEAST INNER HARBOR	23.3	24.1	23.4	23.3	9-10	800	0.1	27
MIDDLE INNER HARBOR	17.7	19.5	19.8	19.1	9-10	2400	0.2	21
WEST INNER HARBOR	15.3	15.8	16.3	16.9	9-10	900-550	0.3	18

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18652 (Page E)

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SUISUN BAY AND SAN JOAQUIN RIVER								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2011								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)	
SUISUN PT. REACH	44	47	49	6-10	300	0.8	35	
BULLS HEAD CHANNEL	35	34	34	4-11	300-350	1.2	35	
EAST BULLS HEAD CHANNEL	33	33	33	4-11	350	1.1	35	
PT. EDITH CROSSING RANGE	35	33	29	4-11	350	1.1	35	
PRESTON PT. REACH	34	33	30	4-11	350	0.9	35	
ROE ISLAND CHANNEL	33	33	32	4-11	350	1.1	35	
PORT CHICAGO REACH	36	36	36	6-10,4-11	350	0.52	35	
MIDDLE GROUND CHANNEL								
WEST REACH	37	36	34	6-10	350	1.29	35	
EAST REACH	34	36	34	6-10,4-11	350	1.09	35	
NEW YORK SLOUGH								
WEST REACH	31	32	34 A	10-10	400	1.3	35	
EAST REACH	33	32	32	10-10	400	1.7	35	
SAN JOAQUIN RIVER								
ANTIOCH REACH	30.8	30.4	28.8	8-07	400	3.3	35	

A. AN OBSTRUCTION WITH A DEPTH OF 36 FEET IS LOCATED AT 38°02'41.2" N 121°53'21.32" W  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18656

NM 30/11

SUISUN BAY								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2011								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)	
SUISUN PT. REACH	44	47	49	10-10	300	0.8	35	
BULLS HEAD CHANNEL	35	34	34	4-11	300-350	1.2	35	
EAST BULLS HEAD CHANNEL	33	33	33	4-11	350	1.1	35	
PT. EDITH CROSSING RANGE	35	33	29	4-11	350	1.1	35	
PRESTON PT. REACH	34	33	30	4-11	350	0.9	35	
ROE ISLAND CHANNEL	33	33	32	4-11	350	1.1	35	
PORT CHICAGO REACH	36	36	36	6-10,4-11	350	0.52	35	
MIDDLE GROUND CHANNEL								
WEST REACH	37	36	34	6-10	350	1.29	35	
EAST REACH	34	36	34	6-10,4-11	350	1.09	35	
NEW YORK SLOUGH								
WEST REACH	31	32	34 A	10-10	400	1.3	35	
EAST REACH	33	32	32	10-10	400	1.7	35	

A. AN OBSTRUCTION WITH A DEPTH OF 36 FEET IS LOCATED AT 38°02'41.2" N 121°53'21.3" W  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

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Chart 18657

NM 30/11

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2011							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SUISUN PT. REACH	44	47	49	10-10	300	0.8	35
BULLS HEAD CHANNEL	35	35	34	4-11	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33	33	33	4-11	350	1.1	35
PT. EDITH CROSSING RANGE	36	33	29	10-10	350	1.1	35

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18658

NM 30/11

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2011							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BULLS HEAD CHANNEL	35	35	34	4-11	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33	33	33	4-11	350	1.1	35
PT. EDITH CROSSING RANGE	35	33	29	4-11	350	1.1	35
PRESTON PT. REACH	34	33	30	4-11	350	0.9	35
ROE ISLAND CHANNEL	33	33	32	4-11	350	1.1	35
PORT CHICAGO REACH	36	36	36	6-10,4-11	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	37	36	34	6-10	350	1.29	35
EAST REACH	34	36	34	6-10,4-11	350	1.09	35

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18666

NM 30/11

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2011							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
MIDDLE GROUND CHANNEL							
WEST REACH	37	36	34	6-10	350	1.29	35
EAST REACH	34	36	34	6-10,4-11	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	31	32	34A	10-10	400	1.3	35
EAST REACH	33	32	32	10-10	400	1.7	35

A. AN OBSTRUCTION WITH A DEPTH OF 36 FEET IS LOCATED AT 38° 02'41.2"N 121°53' 21.32"W.  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 57060

NM 30/11

**AREA TO BE AVOIDED**

The area indicated should be avoided, with the exception of ships authorized by the Ghana Maritime Authority.