

SECTION I

Chart 74451 (A) NM N13/15

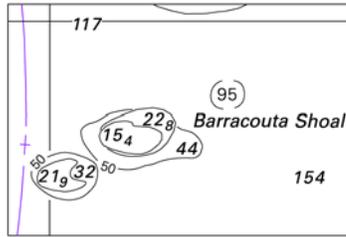


Chart 74451 (B) NM N13/15

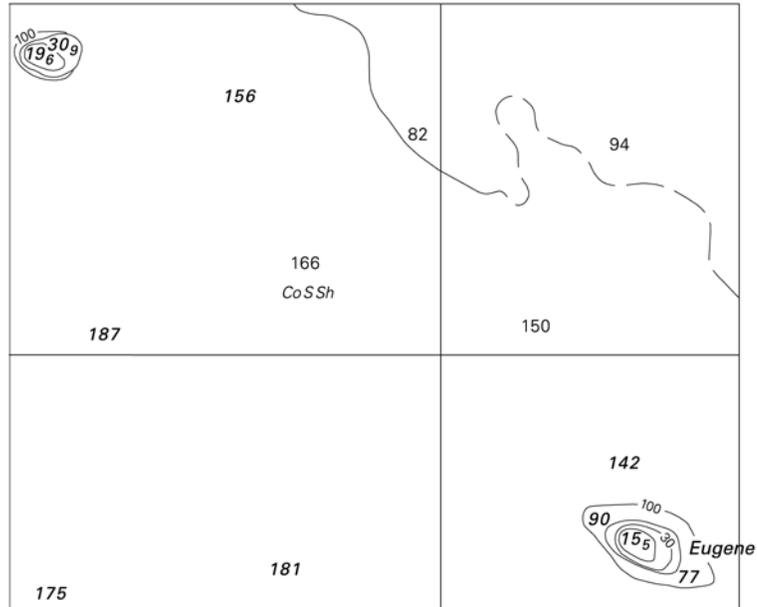
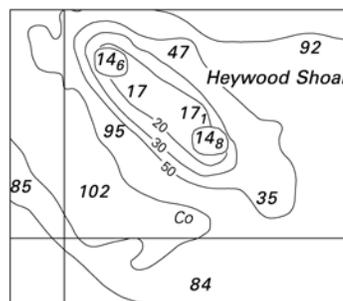
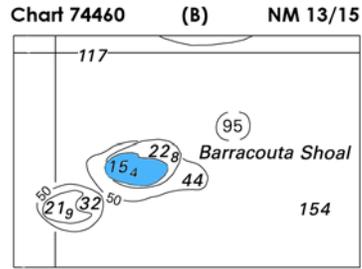
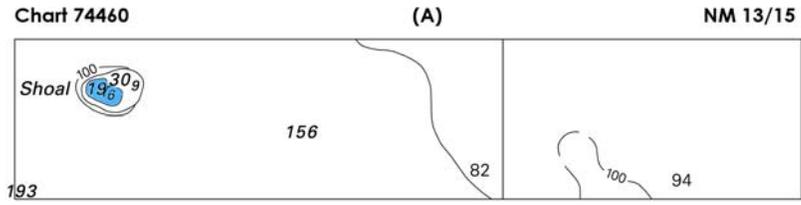


Chart 74451 (C) NM N13/15





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Chart 11346

NM 13/15

BELLE PASS AND BAYOU LAFOURCHE CHANNEL							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2014							
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)
BELLE PASS REACH	24.0	23.0	22.0	10-14	300	1.8	26.0
PORT FOURCHON REACH	16.0	20.0	21.0	10-14	300-425	3.3	24.0
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 12273

NM 13/15

BALTIMORE HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2014								
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 (MILES)	DEPTH MLLW (FEET)
CRAIGHILL ENTRANCE	45.0	49.0	51.0	45.0	5-14	700	3.79	50
CRAIGHILL CHANNEL	45.0	50.0	51.0	45.0	5-14	700	3.24	50
CRAIGHILL ANGLE	43.0	45.0	46.0	43.0	4-14	700-1870	1.88	50
CRAIGHILL CHANNEL UPPER RANGE	47.0	52.0	52.0	49.0	6-14	700	2.00	50
CUTOFF ANGLE	47.0	47.0	49.0	47.0	4-14	700-1740	1.14	50
BREWERTON CHANNEL	51.0	51.0	51.0	50.0	5-14	700	3.50	50
EASTERN EXTENSION	32.0	32.0	35.0	33.0	6-14	600	6.33	35
SWAN POINT CHANNEL	35.0	34.0	34.0	35.0	12-12	600	3.13	35
TOLCHESTER CHANNEL	31.0	35.0	35.0	33.0	10-13	450-800	10.87 **	35
* ALL DEPTHS REPORTED TO NEAREST FOOT								
** THE LAST 1.88 NM OVERLAPS WITH THE CHESAPEAKE AND DELAWARE CANAL CHANNEL								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 12278

NM 13/15

BALTIMORE HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2014								
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 (MILES)	DEPTH MLLW (FEET)
CRAIGHILL ENTRANCE	45.0	49.0	51.0	45.0	5-14	700	3.79	50
CRAIGHILL CHANNEL	45.0	50.0	51.0	45.0	5-14	700	3.24	50
CRAIGHILL ANGLE	43.0	45.0	46.0	43.0	4-14	700-1870	1.88	50
CRAIGHILL CHANNEL UPPER RANGE	47.0	52.0	52.0	49.0	6-14	700	2.00	50
CUTOFF ANGLE	47.0	47.0	49.0	47.0	4-14	700-1740	1.14	50
BREWERTON CHANNEL	51.0	51.0	51.0	50.0	5-14	700	3.50	50
BREWERTON ANGLE	48.0	48.0	49.0	47.0	7-14	700-1460	1.10	50
FORT MCHENRY CHANNEL	45.0	49.0	49.0	48.0	7-14	700	4.22	50
CURTIS BAY CHANNEL	45.0	47.0	47.0	48.0	7-13	400-1275	2.25	50
BREWERTON CHANNEL								
EASTERN EXTENSION	32.0	32.0	35.0	33.0	6-14	600	6.33	35
SWAN POINT CHANNEL	35.0	34.0	34.0	35.0	12-12	600	3.13	35
TOLCHESTER CHANNEL	31.0	35.0	35.0	33.0	10-13	450-800	10.87 **	35
* ALL DEPTHS REPORTED TO NEAREST FOOT								
** THE LAST 1.88 NM OVERLAPS WITH THE CHESAPEAKE AND DELAWARE CANAL CHANNEL								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

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Chart 12281

NM 13/15

BALTIMORE HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014								
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 (MILES)	DEPTH MLLW (FEET)
BREWERTON CHANNEL	51.0	51.0	51.0	50.0	5-14	700	3.50	50
BREWERTON ANGLE	48.0	48.0	49.0	47.0	7-14	700-1460	1.10	50
FORT MCHENRY CHANNEL	45.0	49.0	49.0	48.0	7-14	700	4.22	50
FERRY BAR CHANNEL	36.0	39.0	42.0	41.0	6-13	800	1.50	42
CURTIS BAY CHANNEL	45.0	47.0	47.0	48.0	7-13	400-1275	2.25	50
NORTHWEST HARBOR								
EAST CHANNEL	41.0	45.0	46.0	44.0	4-14	600-950	1.52	49
WEST CHANNEL	37.0	40.0	40.0	37.0	4-14	600-1068	1.38	40

* ALL DEPTHS REPORTED TO NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12282

NM 13/15

BALTIMORE HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2014								
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 (MILES)	DEPTH MLLW (FEET)
CRAIGHILL ENTRANCE	45.0	49.0	51.0	45.0	5-14	700	3.79	50
CRAIGHILL CHANNEL	45.0	50.0	51.0	45.0	5-14	700	3.24	50

* ALL DEPTHS REPORTED TO NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18649

NM 13/15

OAKLAND OUTER AND INNER HARBORS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2014 AND NOS SURVEY TO JAN 2013								
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)
BAR CHANNEL	47.0	48.0	50.0	48.0	10-14	1000-930	0.57	50
OUTER HARBOR ENTRANCE CHANNEL	48.0	49.0	50.0	49.0	10-14	900-800	0.91	50
OUTER HARBOR	49.0	50.0	50.0	49.0	10-14	1575-600	1.40	50
INNER HARBOR								
ENTRANCE CHANNEL	47.0	47.0	49.0	48.0	10-14	2100-480	1.10	50
INNER HARBOR REACH	48.0	49.0	50.0	48.0	10-14	1325-480	2.27	50
GROVE ST PIER TO								
BROOKLYN BASIN	A21.0	31.0	31.0	B25.0	1-13, 10-14	600	1.30	35
BROOKLYN BASIN SOUTH CHANNEL	C14.0	22.0	23.0	D15.0	1-13	600-500	0.90	35
PARK ST BRIDGE REACH	E9.0	F20.0	20.0	G5.0	1-13	500-275	0.42	35

A. A 21 FT WRECK IS AT 37°47'14.93"N 122°15'50.26"W; A 28 FT OBSTRUCTION IS AT 37°47'14.14"N 122°15'51.56"W.
B. A 30 FT WRECK IS AT 37°47'26.83"N 122°16'29.13"W.
C. A DEPTH OF 17.0 FEET IS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
D. A DEPTH OF 18.0 FEET IS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
E. A 19 FT WRECK IS AT 37°46'29.04"N 122°14'27.21"W.
F. A 22 FT WRECK IS AT 37°46'26.57"N 122°14'25.04"W.
G. A WRECK OF UNKNOWN DEPTH IS AT 37°46'24.16"N 122°14'25.02"W; AN OBSTRUCTION OF UNKNOWN DEPTH IS AT 37°46'23.09"N 122°14'23.67"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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NM 13/15

Chart 18650

NM 13/15

OAKLAND OUTER AND INNER HARBORS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2014 AND NOS SURVEY TO JAN 2013								
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)
BAR CHANNEL	47.0	48.0	50.0	48.0	10-14	1000-930	0.57	50
OUTER HARBOR ENTRANCE CHANNEL	48.0	49.0	50.0	49.0	10-14	900-600	0.91	50
OUTER HARBOR INNER HARBOR	49.0	50.0	50.0	49.0	10-14	1575-600	1.40	50
ENTRANCE CHANNEL	47.0	47.0	49.0	48.0	10-14	2100-480	1.10	50
INNER HARBOR REACH GROVE ST PIER TO	48.0	49.0	50.0	48.0	10-14	1325-480	2.27	50
BROOKLYN BASIN	A21.0	31.0	31.0	B25.0	1-13, 10-14	600	1.30	35
BROOKLYN BASIN SOUTH CHANNEL	C14.0	22.0	23.0	D15.0	1-13	600-500	0.90	35
PARK ST BRIDGE REACH	E9.0	F20.0	20.0	G5.0	1-13	500-275	0.42	35

A. A 21 FT WRECK IS AT 37°47'14.93"N 122°15'50.26"W; A 28 FT OBSTRUCTION IS AT 37°47'14.14"N 122°15'51.56"W.
B. A 30 FT WRECK IS AT 37°47'26.83"N 122°16'29.13"W.
C. A DEPTH OF 17.0 FEET IS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
D. A DEPTH OF 18.0 FEET IS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
E. A 19 FT WRECK IS AT 37°46'29.04"N 122°14'27.21"W.
F. A 22 FT WRECK IS AT 37°46'26.57"N 122°14'25.04"W.
G. A WRECK OF UNKNOWN DEPTH IS AT 37°46'24.16"N 122°14'25.02"W; AN OBSTRUCTION OF UNKNOWN DEPTH IS
AT 37°46'23.09"N 122°14'23.67"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION