

SECTION I

NM 36/15

Chart 18649

NM 36/15

OAKLAND OUTER AND INNER HARBORS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 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	10,12-14	900-600	0.91	50
OUTER HARBOR	50.0	50.0	50.0	50.0	10,12-14	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

Chart 18650

NM 36/15

OAKLAND OUTER AND INNER HARBORS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 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	10,12-14	900-600	0.91	50
OUTER HARBOR	50.0	50.0	50.0	50.0	10,12-14	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