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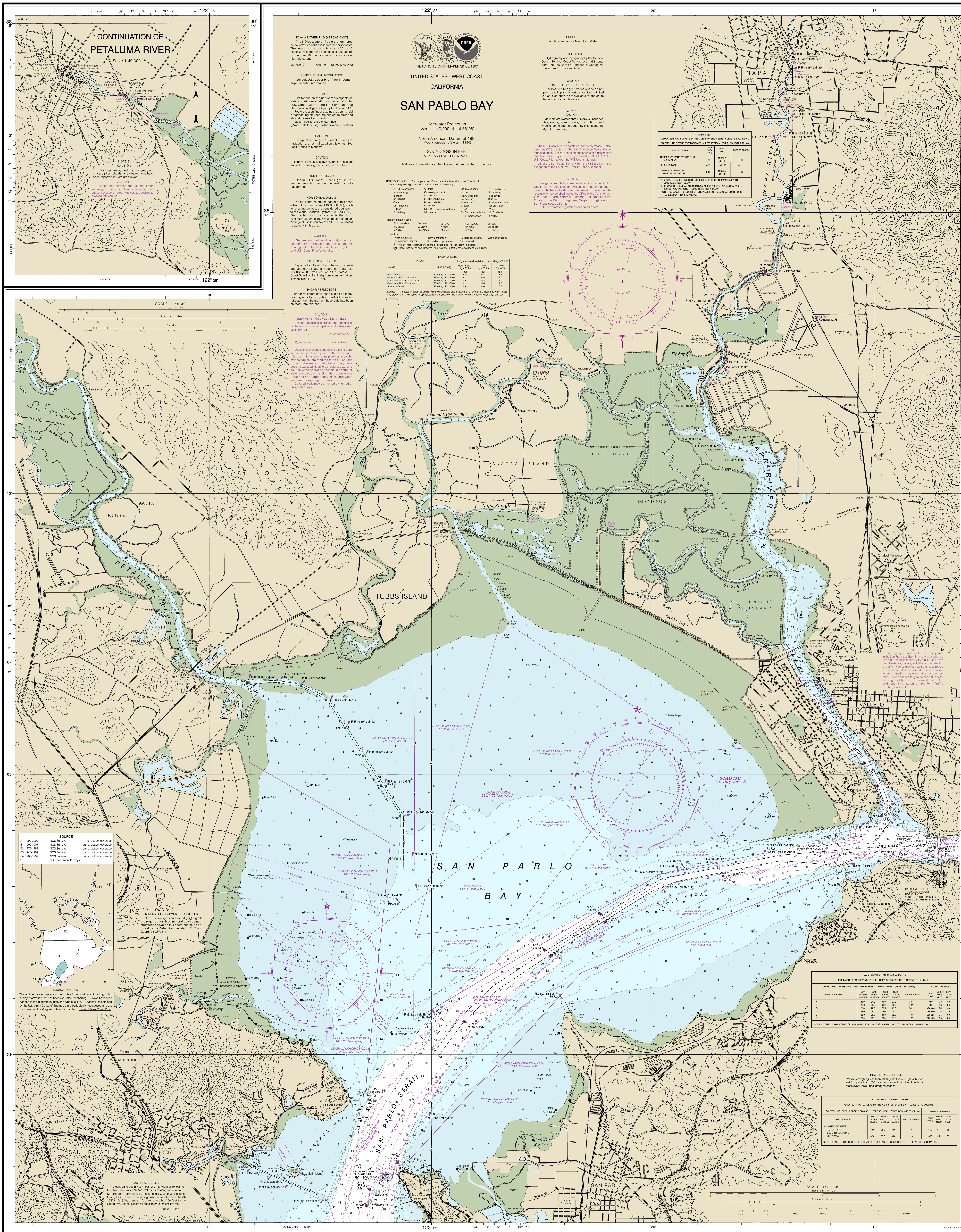
Formerly C&GS 5533, 1st Ed., Jan. 1906 G-1954-861 KAPP 1846

SOUNDINGS IN FEET

18654



TIDAL INFORMATION

NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
		feet	feet	feet
Point Orient	(37°58'N/122°26'W)	6.0	5.4	1.1
Hercules, Refugio Landing	(38°01'N/122°18'W)	6.1	5.5	1.0
Mare Island, Carquinez Strait	(38°04'N/122°15'W)	5.9	5.3	1.0
Petaluma River Entrance	(38°07'N/122°30'W)	6.1	5.6	1.0
Sonoma Creek	(38°09'N/122°24'W)	5.6	5.0	0.8

Height referred to datum of soundings (MLLW). Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov.

(Dec 2010)

NAPA RIVER
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2012
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)

NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
HORSESHOE BEND TO BASIN AT JACKS BEND	4.3	MIDDLE 50 FT	4-12
TURNING BASIN	A2.5	100-250	4-12
THENCE TO HEAD OF NAVIGATION (3RD ST.)	B2.3	MIDDLE 50 FT	4-12

A. SHOAL TO BARE AT WESTERN EDGE FROM 38°17'08.4"N, 122°17'07.4"W TO 38°17'12.6"N, 122°17'02.9"W.
B. SHOALING TO 1.5 FEET AROUND BEND AT 38°17'40.8"N, 122°16'56.9"W AND TO 1.3 FEET AROUND BEND AT 38°17'45.5"N, 122°16'56.2"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE.

MARE ISLAND STRAIT CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2011
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)
A	26.0	31.0	36.0	37.0	7-11	400	0.3	30
B	25.0	33.0	36.0	38.0	7-11	400	0.3	30
C	25.0	28.0	29.0	27.0	7-11	400-460	0.6	30
D	24.0	28.0	29.0	29.0	7-11	460-600	0.5	30
E	25.0	29.0	31.0	28.0	7-11	600-525	0.5	30
F	25.0	26.0	28.0	31.0	7-11	525-460	0.4	30

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

PINOLE SHOAL CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2015
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)
CHANNEL ENTRANCE TO LT. 11	32.0	35.0	32.0	7-15	600	5.1	35
THENCE TO 38°03'31"N, 122°17'08"W	32.0	35.0	35.0	7-15	600	2.2	35

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

45th Ed., Jan. 2011

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CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

Last Correction: 8/21/2015. Cleared through:
LNM: 3715 (9/15/2015), NM: 3915 (9/26/2015)

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SOUNDINGS IN FEET

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

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FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102

METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

San Pablo Bay
SOUNDINGS IN FEET - SCALE 1:40,000

18654