

Commander (d1)
12th Coast Guard Dist.
630 Sansome Street
San Francisco, CA 94126

16000

06 FEB 1979

From: Commander, Twelfth Coast Guard District

To: Commandant (G-1ML)

Subj: List of Navigable Waters within the Twelfth District; information concerning

Ref: (a) COMDTINST 16210.1A dtd 5 MAR 77
(b) 33 CFR 2.05-25(a)

1. Enclosed is a compilation of the waterways within the Twelfth Coast Guard District for which I have concluded that there are sufficient facts to support my determination that they constitute a part of the navigable waters of the United States in accordance with reference (a).

2. The listings are based upon an evaluation of the historical evidence regarding substantial commercial waterway use for interstate or foreign commerce or a susceptibility for such use; and on the extent of tidal effects on the waterways.

3. The investigative work was primarily performed by the Operations Division (bridge staff) and included, among other things, a review of:

a. Coast Guard records concerning prior formal determinations of navigability.

b. Corps of Engineers navigability investigations and determinations.

c. Current nautical charts and topographic maps.

d. Historical maps and charts.

e. Historical accounts of the use of various waterways.

f. Tidal benchmark data.

g. Interviews with State and Federal officials from water regulatory agencies.

4. The listing is intended for use as a general guide to the exercise of Coast Guard jurisdiction over waterways within the Twelfth Coast Guard District in accordance with references (a) and (b). A binder containing this list and selected reference material will be maintained

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4. (con't) in the Twelfth Coast Guard District law library and will be updated on a case by case basis in accordance with reference (a) or its successors. None of the waterway determinations listed on the enclosure propose a novel question of law, complex factual situation, or have substantial public interest issues. Those waterways listed without any determination of tidal influence or navigability are still under study.

J. S. GRACEY

Encl: (1) List of Navigable Waterways

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WATERWAYS	TIDAL TO MILE	NAV. TO MILE	CHART	TOPO(S)	REMARKS
ALAMEDA CREEK	5.6	5.6	18651	Newark	See also CofE ltr 2AUG71 to W. Alquire Road
ALBION RIVER	3.5	3.5	18626	Albion, Elk	See also CofE ltr 2AUG71
ALHAMBRA SLOUGH	0.35	0.35	18656	Benicia	Hist. nav. to Howard Street
ALVISO SLOUGH	3.9	3.9	18651	Milpitas, Mountain View	See also CofE ltr 2AUG71
AMERICAN RIVER	1.5	30.0	18662	Sacramento E&W, Carmichael Folsom, Citrus Heights	COMDT ltr 12FEB65 states navigable to Folsom Dam/CofE to mile 12
APTOS CREEK	0.2	0.2	18680	Santa Cruz	
ARCATA BAY	ALL	ALL	18622	Arcata South, Eureka	Navigable to MHW Line
ARROYO DE LA CRUZ	0.1	0.1	18700	Piedras Blancas	
ASHLAND-WASHINGTON CANAL	0.1	0.1	18651	Newark	Tidegates at mile 0.1
BARKER SLOUGH	2.2	2.2	18662	Dozier	See also CofE ltr 1SEP65
BAY SLOUGH	1.3	1.3	18651	Redwood Point	
BEAR LAKE	NOT	ALL	UNCHARTED	Bear Lake South (UT)	See CofE ltr 2DEC74
BEAR CREEK	2.3	2.3	18623	Lodi South, Terminous	
BEAR CREEK OVERFLOW	3.4	3.4	18661	Lodi South, Terminous	See Mosher Slough
BEAR RIVER	1.3	1.3	18620	Cape Mendocino	See CCGD12(oan) ltr 3271 of 8APR73
BEAVER SLOUGH	4.1	4.1	18661	New Hope	
BELLOMA SLOUGH	0.6	0.6	18656	Port Chicago	
BELMONT SLOUGH	3.3	3.3	18655	Redwood Point San Mateo	See also CofE ltr 2AUG71 to mile 2.7
BETHANY CUT	1.0	1.0	18661	Bethany	See also CofE ltr 1SEP65
BIG RIVER	3.0	3.0	18620	Mendocino	See also CofE ltr 2AUG71 to mile 2.9
BIG SUR RIVER	1.0	1.0	18680	Big Sur	See also CofE ltr 2AUG71
BISHOP CUT BLACKIE'S PASTURE SLOUGH	ALL	ALL	18661	Terminous SAN QUENTIN	Navigable to MHW Line
BLACK JOHN SLOUGH	2.0	2.0	18654	Petaluma River	See also CofE ltr 2AUG71 to mile 2.1
BOCKMAN CANAL	1.0	1.0	18651	San Leandro	
BODEGA HARBOR	ALL	ALL	18643	Bodega Head	Navigable to MHW Line
BOLINAS BAY & LAGOON	ALL	ALL	18640	Bolinas	Navigable to MHW Line
BODEGA BAY	ALL	ALL	18643	Bodega Head	Navigable to MHW Line
BOUNDARY SLOUGH	0.4	0.4	18651	Redwood Point	
BOYNTON SLOUGH	3.2	3.2	18656	Fairfield South	
BRANCIFORTE CREEK	0.1	0.1	18680	Santa Cruz	
BUCKLEY COVE	ALL	ALL	18661	Stockton West	
BURNS CUT-OFF	ALL	ALL	18661	Stockton West	Navigable to MHW Line
BURNS REACH	ALL	ALL	18661	Bouldin Island	Part of San Joaquin River, navigable to MHW Line
BUTANO CREEK	1.7	1.7	18700	San Gregoria	See also CofE ltr 2AUG71 to mile 1.4 (0.3 North of Pescadero Road)
CABIN SLOUGH	2.0	2.0	18656	Antioch North	
CACHE SLOUGH	11.0	11.0	18662	Rio Vista, Liberty Island	See also CofE ltr 1SEP65

WATERWAYS	TIDAL TO MILE	NAV.TO MILE	CHART	TOPO(S)	REMARKS
CALAVERAS RIVER	6.0	6.0	18661	Stockton West	CCGD12 ltr 25APR73, see CofE ltr 3JUN76 to mile 5.1
CALHOUN CREEK OR CUT	3.5	3.5	18662	Dozier	
CARNEROS CREEK	0.4	0.4	18654	Cuttings Wharf	
CARQUINEZ STRAIT	ALL	ALL	18657	Mare Island Benecia	Navigable to MHW Line
CASTRO CREEK	1.6	1.6	18649	San Quentin	See also CofE ltr 2AUG71 to 0.2 mile East of Junction w/WILDCAT CREEK
CAT SLOUGH	1.0	1.0	18656	Fairfield South	
CHADBOURNE SLOUGH	1.7	1.7	18656	Fairfield South	
CHARLESTON SLOUGH	1.2	1.2	18651	Mountain View	See also CofE ltr 2AUG71
CHORRO CREEK	1.2	1.2	18703	Morro Bay South	
COLLINSVILLE CUT	ALL	ALL	18656	Antioch North	Navigable to MHW Line
COLMA CREEK	1.3	1.3	18651	South San Francisco	
COLUMBIA CUT	ALL	ALL	18661	Bouldin Island	Navigable to MHW Line
CONEY ISLAND CUT	1.7	1.7	18661	Bethany	See also CofE ltr 1SEP65
CONNECTION SLOUGH	ALL	ALL	18661	Bouldin Island	Navigable to MHW Line
CONSUMES RIVER	6.5	6.5	18662	Bruceville	
CORCORAN LAGOON	ALL	ALL	18680	Soquel	
CORDELIA SLOUGH	10.0	10.0	18656	Fairfield South	See also CofE ltr 1SEP65 (mile 8.0)
CORKSCREW SLOUGH	3.6	3.6	18651	Redwood Point	See also CofE ltr 2AUG71 to mile 3.9
CORTE MADERA CREEK	3.2	3.2	18649	San Rafael	See also CofE ltr 2AUG71
COYOTE CREEK	8.9	8.9	18651	Milpitas, Mountain View	See also CofE ltr 30JUN73
COYOTE CREEK, SOUTH BRANCH	2.6	2.6	18651	Milpitas, Mountain View	See also CofE ltr 30JUN73
COYOTE CREEK, SOUTHEAST BRANCH	1.9	1.9	18651	Milpitas, Mountain View	See also CofE ltr 30JUN73
COYOTE HILL SLOUGH	4.0	4.0	18651	Newark	See also CofE ltr 2AUG71, navigable to Newark Avenue bridge Navigable to MHW Line
CRESCENT CITY HARBOR	ALL	ALL	18603	Sisters Rock	
CROCKERS CUT	1.4	1.4	18661	Union Island	
CROSS SLOUGH	ALL	ALL	18656	Denverton	Navigable to MHW Line
CROSS CANAL	0.8	0.8	18662	Verona	
CUT SLOUGH	1.0	1.0	18656	Fairfield South	
CUTOFF SLOUGH	4.0	4.0	18656	Fairfield South, Denverton	See also CofE ltr 1SEP65
DELTA CROSS CHANNEL	ALL	ALL	18662	Isleton	Navigable to MHW Line
DELTA-MENDOTA CANAL	2.4	2.4	18661	Bethany	
DENVERTON SLOUGH	3.1	3.1	18656	Denverton	See also CofE ltr 1SEP65 to mile 3.0
DEVILS SLOUGH	ALL	ALL	18654	Cuttings Wharf	See also CofE ltr 2AUG71
DISAPPOINTMENT SLOUGH	5.4	5.4	18661	Terminous	See also CofE ltr 30JUN65 to mile 5.0
DONAHUE SLOUGH	2.8	2.8	18654	Petaluma River	

WATERWAYS	TIDAL TO MILE	NAV. TO MILE	CHART	TOPO(S)	REMARKS
DOUGHTY CUT DOWEST SLOUGH	1.0	1.0	18661	Union Island	See also CofE ltr 1SEP65
DRAKES BAY & ESTERO	ALL	ALL	18620	Drakes Bay	Navigable to MHW Line
DUTCH SLOUGH	ALL	ALL	18661	Jersey Island	Navigable to MHW Line
DUTCHMANS SLOUGH (BOAT CUTOFF)	ALL	ALL	18654	Cuttings Wharf	See also CofE ltr 2AUG71
DEEPWATER SLOUGH	1.2	1.2	18651	Redwood Point	
EEL RIVER	7.1	7.1	18620	Fortuna, Fields Landing	See also CofE ltr 30JUN65 Navigable to 8.0 miles
ELK RIVER	3.5	3.5	18620	Fields Landing; Eureka	See also CofE ltr 2AUG71, navigable to Elk River Corners mile 1.6
ELK SLOUGH	6.4	6.4	18622	Cortland, Clarksburg	See also CofE ltr 1SEP65
ELKHORN SLOUGH	6.5	6.5	18680	Prunedale, Moss Landing	See also CofE ltr 2AUG71 to mile 6.9
EMPIRE CUT	ALL	ALL	18662	Woodward Island, Holt	Navigable to MHW Line
ESTERO AMERICANO	3.0	3.0	18620	Valley Ford	See also CofE ltr 2AUG71
ESTERO ANTONIO	1.0	1.0	18620	Valley Ford	See also CofE ltr 2AUG71
EUREKA SLOUGH (FAY SLOUGH)	3.6	3.6	18620	Eureka	See also CofE ltr 2AUG71
FABIAN AND BELL CANAL	6.3	6.3	18661	Bethany, Union Island	See also CofE ltr 1SEP65
FAGAN SLOUGH	1.6	1.6	18654	Cuttings Wharf	
FALSE RIVER	6.0	6.0	18661	Jersey Island, Bouldin Island	See also CofE ltr 1SEP65
FEATHER RIVER	NOT	28.0	18664	Verona	See also CofE ltr 3JUN76
FIRST MALLARD BRANCH	1.4	1.4	18656	Fairfield South	
FIRST SLOUGH	0.6	0.6	18651	Redwood Point	
FISHERMAN'S CUT	2.0	2.0	18661	Jersey Island	See also CofE ltr 1SEP65
FLAMING GORGE RESERVOIR	NOT	ALL	UNCHARTED	Flaming Gorge, Manila (UT)	See COMDT ltr 16211/5903 of 30NOV77
FLOOD SLOUGH	0.8	0.8	18651	Palo Alto	
FOLSOM LAKE (RESERVOIR)	NOT	ALL	UNCHARTED	Folsom	COMDT ltr 12FEB65 (including NATOMA) coincident with boundaries of Folsom Lake State Recreation Area
FOURTEEN MILE SLOUGH	6.0	6.0	18661	Holt, Lodi S., Stockton W., etc.	See also CofE 1SEP65
FRANK HORAN SLOUGH	4.3	4.3	18656	Fairfield South	
FRANKS TRACT	ALL	ALL	18661	Bouldin Island	Navigable to MHW Line
FREMONT CHANNEL & MCLEOD LAKE	ALL	ALL	18661	Stockton West	Port of Stockton (Navigable to MHW)
FRENCH CAMP SLOUGH	4.3	4.3	18661	Stockton West	
FRESHWATER SLOUGH AND LAGOON	2.4	2.4	18620	Arcata South	See also CofE ltr 2AUG71 to mile 1.5
FROST SLOUGH	0.6	0.6	18656	Denverton	See also CofE ltr 1SEP65 to mile 1.0
GALLINAS CREEK (NORTH FORK)	3.0	3.0	18654	Novato	See also CofE ltr 2AUG71 to mile 2.3
GALLINAS CREEK (SOUTH FORK)	2.0	2.0	18654	Novato	See also CofE ltr 2AUG71 to mile 1.6
GARCIA RIVER (CREEK)	2.5	2.5	18640	Point Arena	See also CofE ltr 2AUG71
GARRITY SLOUGH	0.2	0.2	18649	Mare Island	

WATERWAYS	TIDAL TO MILE	NAV.TO MILE	CHART	TOPO(S)	REMARKS
GEORGIANA SLOUGH	ALL	ALL	18662	Isleton	Navigable to MHW Line
GOOSE LAKE	NOT	ALL	UNCHARTED	Willow Ranch	California/Oregon Border
GRANT LINE CANAL	8.0	8.0	18661	Bethany, Union Island	See also CofE ltr 1SEP65
GRISSLEY SLOUGH	1.3	1.3	18662	New Hope	
GRIZZLY BAY	ALL	ALL	18656	Honker Bay	Navigable to MHW Line
GUADALUPE RIVER	2.3	5.5	18651	Milpitas, mountain view	Lower 7.0 miles of the river rechanneled as Guadalupe Sl
GUADALUPE SLOUGH	7.0	7.0	18651	Milpitas, Mountain View	See also CofE ltr 2AUG71 to mile 5.2
GUALALA RIVER	2.0	2.0	18640	Gualala	See also CofE ltr 2AUG71
HAAS SLOUGH	4.0	4.0	18662	Liberty Island, Dozier	See also CofE ltr 1SEP65 to mile 2.0
HALFMOON BAY	ALL	ALL	18700	Montara Mountain, Halfmoon Bay	Navigable to MHW Line
HAWK SLOUGH	1.5	1.5	18620	Cannibal Island Fields Landing	See also CofE ltr 2AUG71, navigable to dike
HASTINGS SLOUGH	3.0	3.0	18656	Port Chicago	
HASTINGS SLOUGH (SUISUN BAY)	0.7	0.7	18656	Denverton	See also CofE ltr 1SEP65
HEADREACH CUTOFF	1.5	1.5	18661	Terminus	Part of San Joaquin River
HILL SLOUGH	2.3	2.3	18656	Fairfield South	
HOG SLOUGH	3.5	3.5	18661	New Hope	See also CofE ltr 1SEP65 to mile 4.0
HOG ISLAND CUT	1.2	1.2	18661	Terminus	
HOLLAND CUT	4.0	4.0	18661	Boulding Island Woodward	See also CofE ltr 1SEP65
HONKER CUT	ALL	ALL	18661	Terminus	Navigable to MHW Line
HOOKTON SLOUGH	ALL	ALL	18622	Fields Landing	See also CofE ltr 2AUG71
HORSESHOE BEND	ALL	ALL	18661	Jersey Island	Navigable to MHW Line
HUDEMAN SLOUGH	ALL	ALL	18654	Cuttings Wharf, Sears Point	See also CofE ltr 2AUG71
HUICHICA CREEK	0.8	0.8	18654	Cuttings Wharf	See also CofE ltr 2AUG71 to mile 0.4
HUMBOLDT BAY	ALL	ALL	18620	Eureka, Arcata South	Navigable to MHW Line
HUNTER CUT	0.2	0.2	18656	Fairfield South	
IBIS SLOUGH	0.4	0.4	18656	Fairfield South	
INDIAN SLOUGH	ALL	ALL	18661	Woodward Island	See also CofE ltr 1SEP65 to mile 2.0
ISLAIS CREEK	0.9	0.9	18650	San Francisco South	
ITALIAN SLOUGH	3.4	3.4	18661	Bethany	See also CofE ltr 1SEP65 to mile 3.0
JACOBY CREEK	0.8	0.8	18620	Arcata South	
← KING ISLAND CUT (SEE BISHOP CUT)	0.5	0.5	18622		
KLAMATH RIVER KING SALMON SLOUGH	5.0	39.0	18600	Recqua, Tectah, Ship Mt., etc.	See also CofE ltr 2AUG71
LAGUNITAS CREEK	2.0	2.0	18643	Point Reyes	See also CofE ltr 30JUN65
LAKE MCLEOD	ALL	ALL	18661	Stockton West	Part of Stockton Harbor
LAKE TAHOE	NOT	ALL	18665	Lake Tahoe	See also CofE ltr 15FEB72
LAKE WASHINGTON	1.0	1.0	18664	Sacramento West	Part of Sacramento River
LATHAM SLOUGH	2.2	2.2	18661	Woodward Island	See also CofE ltr 1SEP65 to mile 3.0
LIBERTY CUT	3.3	3.3	18662	Liberty Island	See also CofE ltr 1SEP65 to mile 4.0
LIBERTY FARMS CANAL	5.5	5.5	18662	Liberty Island	See also CofE ltr 1SEP65 to mile 3.0
LINDSEY SLOUGH	5.5	5.5	18662	Liberty Island, Dozier, Rio Vista	See also CofE ltr 1SEP65 to mile 5.0

WATERWAYS	TIDAL TO MILE	NAV.TO MILE	CHART	TOPO(S)	REMARKS
LISCOM SLOUGH	1.3	1.3	18620	Tyee City	
LITTLE CONNECTION SLOUGH	ALL	ALL	18661	Terminous, Bouldin Island	Navigable to MHW Line
LITTLE HONKER BAY	ALL	ALL	18656	Denverton	Navigable to MHW Line
LITTLE POTATO SLOUGH	ALL	ALL	18661	Bouldin Island, Terminous	Navigable to MHW Line
LITTLE SALMON CREEK	0.3	0.3	18620	Albion	
LITTLE RIVER	1.3	1.3	18620	Crannel	
LITTLE SUR RIVER	0.5	0.5	18680	Point Sur	
LOST SLOUGH	4.4	4.4	18662	Bruceville	
LUCO SLOUGH	1.2	1.2	18656	Denverton	See also CofE ltr 1SEP65 to mile 1.0
MAD RIVER	1.4	1.4	18620	Tyee City	See also CofE ltr 2AUG71
MAD RIVER SLOUGH	ALL	ALL	18620	Tyee City, Arcata North	See also CofE ltr 2AUG71
MALLARD SLOUGH	1.0	1.0	18656	Honker Bay	See also CofE 1SEP65
MARE ISLAND STRAIT	2.8	2.8	18655	Mare Island	
MARSH CREEK	1.3	1.3	18661	Jersey Island	
MARSHALL CUT	0.3	0.3	18656	Antioch North	
MATTOLE RIVER	1.8	1.8	18620	Cape Mendocino	See also CofE ltr 2AUG71 to mile 1.8
MANDEVILLE CUT	0.6	0.6	18661	Bouldin Island	Part of San Joaquin River
MAYBERRY CUT (KELLY CUT)	1.0	1.0	18661	Antioch North	See also CofE ltr 1SEP65
MAYBERRY SLOUGH	2.6	2.6	18661	Antioch North	See also CofE ltr 1SEP65 to mile 5.0
MAYFIELD SLOUGH	1.8	1.8	18651	Mountain View	See also CofE ltr 2AUG71 to mile 0.8
MCCOY SLOUGH	2.1	2.1	18656	Fairfield South/Denverton	See also CofE ltr 1SEP65 to mile 1.4
MCNULTY SLOUGH	2.3	2.3	18620	Cannibal Island	See also CofE ltr 2AUG71
MERCED RIVER	NOT	19.7	UNCHARTED	Gustine, Stevinson, etc.	See CCGD12 ltr 7JUN72, also CofE ltr 3OCT78 to mile 19.7
MIDDLE RIVER	ALL	ALL	18661	Holt, Bouldin Island, Union Island	Navigable to MHW Line
MIDDLE SLOUGH	1.3	1.3	18656	Antioch North	See also CofE ltr 1SEP65 to mile 1.0
MILLS CREEK	0.2	0.2	18651	San Mateo	
MINER SLOUGH	7.4	7.4	18662	Rio Vista, Liberty Island	See also CofE ltr 1SEP65 to mile 8.0
MIRA MONTE SLOUGH	1.2	1.2	18654	Petaluma River	
MISSION CREEK	0.8	0.8	18649	San Francisco North	
MOFFETT CHANNEL	0.7	0.7	18651	Mountain View	
MOKELUMNE RIVER (NORTH FORK)	ALL	ALL	18661	Thornton, Bouldin Island	See also CofE ltr 1SEP65
MOKELUMNE RIVER (SOUTH FORK)	ALL	ALL	18661	New Hope, Terminous	See also CofE ltr 1SEP65
MOKELUMNE RIVER (INCLUDING FORKS)	29.4	46.0	18661	Thornton	COMDT ltr 9AUG57, see CofE ltr 3JUN76 to mile 29.4
MONTEREY HARBOR	ALL	ALL	18685	Monterey, Seaside	Navigable to MHW Line
MONTEZUMA SLOUGH	22.5	22.5	18656	Antioch N, Honker Bay, etc.	See also CofE ltr 1SEP65 to mile 24.0
MORGAN SLOUGH	ALL	ALL	18620	Ferndale	See also CofE ltr 2AUG71
MORMAN CHANNEL	1.1	1.1	18661	Stockton West	See also CofE ltr 1SEP65 to mile 1.0
MORO COJO SLOUGH	3.7	3.7	18680	Moss Landing	
MORRO BAY	ALL	ALL	18680	Morro Bay South	Navigable to MHW Line

WATERWAYS	TIDAL TO MILE	NAV.TO MILE	CHART	TOPO(S)	REMARKS
MOSHER SLOUGH	3.4	3.4	18661	Terminus	
MOSLEY CUTOFF (SLOUGH)	ALL	ALL	18620	Cannibal Island	See also CofE ltr 2AUG71
MOSS LANDING HARBOR	ALL	ALL	18680	Moss Landing	Navigable to MHW Line
MT EDEN SLOUGH	0.2	0.2	18651	Redwood Point, Newark	See also CofE ltr 2AUG71 to mile 3.6
MOUNTAIN VIEW SLOUGH	1.3	1.3	18651	Mountain View	See also CofE ltr 2AUG71
MOWRY SLOUGH	6.0	6.0	18651	Mountain View	See also CofE ltr 2AUG71
MUD HEN SLOUGH	0.7	0.7	18654	Petaluma River	
MUD SLOUGH (NAPA RIVER)	1.6	1.6	18654	Cuttings Wharf	
MUD SLOUGH (SAN JOSE)	2.5	2.5	18651	Milpitas	See also CofE ltr 2AUG71 to mile 2.4
MUD SLOUGH (PETALUMA)	0.5	0.5	18654	Petaluma River	
NAPA RIVER	22.5	22.5	18654	Napa River, Cuttings Wharf	CCGD12 ltr 16APR73 states navigable to 30.0 miles
NAPA SLOUGH	8.3	8.3	18654	Cuttings Wharf, Sears Point	See also CofE ltr 30JUN65 to mile 9.0
NAVARRO RIVER	4.0	4.0	18620	Albion	See also CofE ltr 2AUG71 navigable to Marsh Gulch
NAVIGABLE SLOUGH	1.0	1.0	18651	South San Francisco	
NEWARK SLOUGH	5.0	5.0	18651	Newark	See also CofE ltr 2AUG71 to mile 4.9
NEW YORK SLOUGH	3.5	3.5	18656	Honker Bay, Antioch	See also CofE ltr 1SEP65 to mile 4.0
NORTH CANAL	4.0	4.0	18661	Woodward Island, Holt	See also CofE ltr 1SEP65 to mile 3.0
NORTH VICTORIA CANAL	2.4	2.4	18661	Woodward Island	See also CofE ltr 1SEP65 to mile 2.0
NOVATO CREEK	6.0	6.0	18654	Novato	See also CofE ltr 2AUG71 to mile 5.3
NOYCE SLOUGH	0.2	0.2	18656	Honker Bay	
NOYO RIVER & HARBOR	4.0	4.0	18620	Fort Bragg	See also CofE ltr 2AUG71 to mile 2.9
NURSE SLOUGH	4.0	4.0	18656	Denverton	See also CofE ltr 1SEP65
OAKLAND INNER HARBOR	ALL	ALL	18649	Oakland West	
OAKLAND MIDDLE HARBOR	ALL	ALL	18649	Oakland West	
OAKLAND OUTER HARBOR	ALL	ALL	18649	Oakland West	
OLD RIVER	ALL	ALL	18661	Bouldin Island, Bethany, Union Island	Navigable to MHW Line
OLD SALINAS RIVER	2.0	2.0	18680	Moss Landing	
O'NEIL SLOUGH	4.2	4.2	18651	San Mateo	
PACHECO CREEK	2.5	2.9	18657	Benicia	See CCGD12 memo 02OCT78
PAJARO RIVER	3.0	3.0	18680	Watsonville, Moss Landing	See also CofE ltr 2AUG71
PARADISE CUT	5.6	5.6	18661	Lathrop, Union Island	See CCGD12 memo 21MAR78
PESCADERO CREEK	0.5	0.5	18680	San Gregoria	
PETALUMA RIVER	19.0	19.0	18654	Petaluma River & Point	See also CofE ltr 2AUG71 to mile 20.5
PEYTONIA SLOUGH	2.4	2.4	18656	Fairfield South	
← PICKLEWEED INLET	0.042	0.042	18656	SAN RAFAEL	
PIPER SLOUGH	5.0	5.0	18661	Jersey & Bouldin Island	See also CofE ltr 1SEP65

WATERWAYS	TIDAL TO MILE	NAV. TO MILE	CHART	TOPO(S)	REMARKS
PIXLEY SLOUGH	2.5	2.5	18661	Terminus, Lodi South	
PINOLE CREEK	0.6	0.6	18649	Mare Island	
PLUMMER CREEK	2.0	2.0	18651	Newark	See also CofE ltr 2AUG71
POTATO SLOUGH	4.7	4.7	18662	Bouldin Island	See also CofE ltr 30SEP65 to mile 5.0
PROSPECT SLOUGH	3.5	3.5	18662	Rio Vista, Liberty Island	See also CofE ltr 1SEP65 to mile 4.0
PUDDING CREEK	0.7	0.7	18620	Fort Bragg	
QUILL SLOUGH	1.8	1.8	18620	Cannibal Island	
RACON STRAIT RAILROAD INLET	1.7	1.7	18649	San Francisco North	
RAILROAD SLOUGH	1.7	1.7	18649	Sears Point SAN RAFAEL	
RAVENSWOOD SLOUGH	2.5	2.5	18651	Palo Alto	See also CofE ltr 2AUG71 to mile 2.8
REDWOOD CITY SLOUGH & HARBOR	4.7	3.6	18651	Redwood Point, Palo Alto	See also CofE ltr 2AUG71 to mile 5.0
REDWOOD CREEK	3.6	3.6	18680	Orick	
RICHARDSON BAY	ALL	ALL	18649	San Francisco North, San Rafael	Navigable to MHW Line
RINDGE CUT	2.5	2.5	18661	Terminus	See also CofE ltr 1SEP65 to mile 3.0
ROCK SLOUGH	2.1	2.1	18661	Woodward Island	See also CofE ltr 1SEP65 to mile 3.0
RODEO SLOUGH/CREEK	0.39	0.39	18649	Mare Island	
ROOS CUT	1.4	1.4	18656	Fairfield South	
ROOSEVELDT CUT	3.2	3.2	18661	Bouldin Island	See also CofE ltr 1SEP65 to mile 3.0
RUSH SLOUGH (SEE BLACK JOHN SLOUGH)					
RUSSIAN RIVER	5.8	5.8	18640	Arched Rock, Duncan Hills, etc.	See also CofE ltr 2AUG71 to mile 13.6
RYANS SLOUGH	1.0	1.0	18622	Arcata South	See also CofE ltr 2AUG71
SACRAMENTO RIVER	80.0	245.0	18661	Various	See also CofE ltr 3APR74 to mile 301.6
SACRAMENTO RIVER BARGE CANAL AND DEEP WATER SHIP CHANNEL	ALL	ALL	18662	Various	Navigable to MHW Line
SACRAMENTO SLOUGH	NOT	1.5	18662	Knights Landing	
SALINAS RIVER	7.0	7.0	18680	Marina	
SALMON CREEK	1.5	1.5	18643	Bodega Head	See also CofE ltr 30JUN65 to mile 1.0
SALMON SLOUGH	1.3	1.3	18661	Union Island	See also CofE ltr 2AUG71
SALT RIVER	4.0	4.0	18620	Ferndale	See also CofE ltr 2AUG71 to mile 3.8 (Port Kenyon)
SAN ANTONIO CREEK	4.7	4.7	18654	Petaluma River	See also CofE ltr 2AUG71 to mile 5.5
SAN CLEMENTE CREEK	0.9	0.9	18649	San Rafael	
SANDMOUND SLOUGH	5.5	5.5	18661	Bouldin Island, Woodward Island	See also CofE ltr 1SEP65 to mile 6.0
SAN FRANCISCO BAY	ALL	ALL	18652	Various	Navigable to MHW Line
SAN FRANCISQUITO CREEK	1.5	1.5	18651	Mountain View	
SAN GREGORIO CREEK	0.5	0.5	18700	San Gregorio	
SAN JOAQUIN RIVER	63.5	118.0	18661	Various	COMDT ltr 5MAR62, see also CofE ltr 11DEC78 to mile 236.0

WATERWAYS	TIDAL TO MILE	NAV. TO MILE	CHART	TOPO(S)	REMARKS
SAN LEANDRO BAY	ALL	ALL	18649	San Leandro, Oakland East	Navigable to MHW Line
SAN LORENZO CREEK	1.7	1.7	18651	San Leandro	See also CofE ltr 2AUG71
SAN LEANDRO CREEK	1.3	1.3	18651	San Leandro	See also CofE ltr 2AUG71
SAN LORENZO RIVER	1.3	1.3	18680	Santa Cruz	See also CofE ltr 2AUG71 to mile 1.7
SAN LUIS OBISPO CREEK	1.3	1.3	18680	Pismo Beach	
SAN MATEO SLOUGH (SEAL SLOUGH)	4.0	4.0	18651	San Mateo	See also CofE ltr 16APR73 to mile 3.0 (includes O'Neil SL.)
SAN MATEO CREEK	0.2	0.2	18651	San Mateo	
SAN PABLO BAY	ALL	ALL	18649	San Quentin	Navigable to MHW Line
SAN RAFAEL CREEK	2.0	2.0	18649	San Quentin, San Rafael	See also CofE ltr 2AUG71 to mile 3.6
SAN SIMEON CREEK	0.5	0.5	18680	Camisria	
SANTA CRUZ HARBOR	ALL	ALL	18680	Santa Cruz	Navigable to MHW Line
SANTA FE CUT (RAILROAD CUT)	ALL	ALL	18661	Woodward Island	Navigable to MHW Line
SANTA FE CHANNEL	ALL	ALL	18649	Richmond	Navigable to MHW Line
SANTA VENITA CREEK (SEE GALLINAS CREEK)					
SCHELL SLOUGH	1.0	1.0	18654	Sears Point	
SCHULTZ SLOUGH	2.5	2.5	18654	Petaluma River	
SEAL SLOUGH (SEE SAN MATEO SLOUGH)					
SECOND MALLARD BRANCH	0.8	0.8	18656	Fairfield South	
SECOND NAPA SLOUGH	3.2	3.2	18654	Sears Point	See also CofE ltr 2AUG71
SEVEN MILE SLOUGH (HUMBOLDT BAY)	3.3	3.3	18620	Cannibal Island	
SEVEN MILE SLOUGH	1.1	1.1	18661	Bouldin & Jersey Island	See also CofE ltr 1SEP65 to mile 2.0
SHAG SLOUGH	6.8	6.8	18661	Liberty Island	See also CofE ltr 1SEP65 to mile 1.0
SHELLDRAKE SLOUGH	1.1	1.1	18656	Fairfield South	
SHEEP SLOUGH	1.5	1.5	18661	Bouldin Island	See also CofE ltr 1SEP65 to mile 1.0
← SINGAPORE CUT →	ALL	ALL	18661	Stockton West	See also CofE ltr 1SEP65 to mile 1.0
SMITH CANAL	2.4	2.4	18661	Stockton West	See also CofE ltr 1SEP65 to mile 1.0
SMITH RIVER	1.4	1.4	18600	Smith River	See also CofE ltr 2AUG71 to mile 4.5
SMITH SLOUGH	1.3	1.3	18651	Redwood Point	See also CofE ltr 2AUG71 to mile 1.4
SNODGRASS SLOUGH	ALL	ALL	18661	New Hope, Isleton, Courtland	See CCGD12 ltr 7FEB73, also CofE ltr 1SEP65 to mile 7.0
SONOMA CREEK	9.4	9.4	18654	Sears Point	See also CofE ltr 2AUG71
SOQUEL CREEK	1.0	1.0	18680	Soquel	See also CofE ltr 2AUG71
SOUTH CHINA SLOUGH	6.9	6.9	18654	Sears Point	See also CofE ltr 2AUG71
SOUTH HAMPTON BAY	ALL	ALL	18654	Benecia	Navigable to MHW Line
SOUTH SLOUGH (NAVY YARD SLOUGH)	5.9	5.9	18654	Sears Point	See also CofE ltr 2AUG71 to mile 5.7
SOUTH STONE LAKE	ALL	ALL	18662	Bruceville	CCGD12 ltr 7FEB73
SPOONBILL SLOUGH AND CREEK	2.0	2.0	18659	Honker Bay	See also CofE ltr 1SEP65
STANISLAUS RIVER	NOT	*	UNCHARTED	Various	See also CofE ltr 15AUG78 to mile 39.5
STEAMBOAT SLOUGH	12.0	12.0	18661	Rio Vista, Isleton, Courtland	See also CofE ltr 1SEP65

WATERWAYS	TIDAL TO MILE	NAV. TO MILE	CHART	TOPO(S)	REMARKS
STEAMBOAT SLOUGH (SONOMA CREEK)	2.0	2.0	18654	Sears Point	
STEAMBOAT SLOUGH (NAPA RIVER)	1.3	1.3	18654	Cuttings Wharf	
STEINBERGER SLOUGH	ALL	ALL	18651	Redwood Point	See also CofE ltr 2AUG71 to mile 3.0
STEVENS CREEK	2.2	2.2	18651	Mountain View	
STOCKTON CHANNEL	2.0	2.0	18661	Stockton West	See also CofE ltr 1SEP65
SUGAR CUT	1.2	1.2	18661	Union Island	See also CofE ltr 1SEP 65 to mile 2.0
SUISUN BAY	ALL	ALL	18656	Honker Bay, Port Chicago	Navigable to MHW Line
SUISUN CUT-OFF	2.2	2.2	18656	Honker Bay, Port Chicago	
SUISUN SLOUGH (CHANNEL)	14.0	14.0	18656	Port Chicago, Fairfield South	See also CofE ltr 1SEP65 to mile 13.0
SULPHUR CREEK	1.1	1.1	18651	San Leandro	
SUSCOL CREEK	0.2	0.2	18654	Cuttings Wharf	
SUTTER SLOUGH	7.0	7.0	18662	Courtland	See also CofE ltr 1SEP65
SWAIN SLOUGH	0.8	0.8	18680	Eureka	
SYCAMORE SLOUGH	4.6	4.6	18661	New Hope	See also CofE ltr 1SEP65 to mile 5.0
SYCAMORE SL (OF SACRAMENTO R.)	NOT	0.2	18664	Knights Landing	
TAYLOR SLOUGH	4.6	4.6	18661	Jersey Island	See also CofE ltr 1SEP65 to mile 4.0
TELEPHONE CUT	2.0	2.0	18661	Terminus	See also CofE ltr 1SEP65
TEN MILE RIVER	1.5	1.5	18680	Inglenook	See also CofE ltr 2AUG71
THIRD NAPA SLOUGH	1.9	1.9	18654	Sears Point	See also CofE ltr 2AUG71
TILLAS SLOUGH	ALL	ALL	18620	Smith River	
THREE MILE SLOUGH	ALL	ALL	18661	Jersey Island	Navigable to MHW Line
THREE RIVER REACH	0.9	0.9	18661	Bouldin Island	Part of the San Joaquin River
TOLAY CREEK (NORTH BRANCH)	6.6	6.6	18654	Sears Point	See also CofE ltr 2AUG71 to mile 7.0
TOLAY CREEK (EAST BRANCH)	1.3	1.3	18654	Sears Point	
TOMALES BAY	ALL	ALL	18643	Tomales	Navigable to MHW Line
TOM PAINE SLOUGH	1.0	1.0	18661	Union Island, Lathrop	
TOPAZ LAKE	NOT	ALL	UNCHARTED	Topaz Lake	California/Nevada Border
TREE SLOUGH	2.8	2.8	18656	Denverton, Fairfield	
TUOLUMNE RIVER	NOT	4.0	UNCHARTED	Various	CCGD12 memo 30JUN78, see also CofE ltr 6OCT78 to mile 47.1
TULE SLOUGH	1.8	1.8	18654	Petaluma River	
TURNER CUT	2.5	2.5	18662	Holt	Navigable to MHW Line
TWENTY MILE CUT	ALL	ALL	18661	Terminus	See also CofE ltr 1SEP65
TWENTY ONE MILE CUT	0.8	0.8	18661	Terminus	
UNNAMED CUT, SACRAMENTO RIVER, BETWEEN LONG AND GRAND ISLANDS	ALL	ALL	18662	Courtland	
VENICE REACH	1.0	1.0	18661	Bouldin Island	Part of the San Joaquin River
VICTORIA CANAL	4.0	4.0	18661	Bethany, Holt, Woodward Island	See also CofE ltr 1SEP65 to mile 3.0
VOLANTI SLOUGH	2.5	2.5	18656	Fairfield South	
WADDELL CREEK	0.7	0.7	18680	Ano Nuevo	
WALKER CREEK	1.7	1.7	18654	Tomales	See also CofE ltr 2AUG71
WALKER SLOUGH	1.6	1.6	18661	Stockton West	
WALTHALL SLOUGH	1.8	1.8	18661	Lathrop, Vernalis	

WATERWAYS	TIDAL TO MILE	NAV. TO MILE	CHART	TOPO(S)	REMARKS
WARDS CUT	ALL	ALL	18661	Terminus	Navigable to MHW Line
WATSONVILLE SLOUGH	1.8	1.8	18680	Moss Landing	See also CofE ltr 2AUG71 to mile 1.4
WELLS SLOUGH	1.8	1.8	18656	Fairfield South	
WERNER CUT	4.5	4.5	18661	Woodward Island	See also CofE ltr 1SEP65 to mile 5.0
WEST CUT (TOE DRAIN)	14.0	14.0	18662	Sacramento West, Saxon, etc.	See also CofE ltr 1SEP65 to mile 13.0
WEST POINT SLOUGH	3.9	3.9	18651	Redwood Point, Palo Alto	See also CofE ltr 2AUG71
WHOREHOUSE SLOUGH	ALL	ALL	18656	Antioch North	Navigable to MHW Line
WHISKEY SLOUGH	ALL	ALL	18661	Holt	Navigable to MHW Line
WHISKEY SLOUGH (OF SAN JOAQUIN R.) (SECOND WATERWAY IN SAME AREA)	ALL	ALL	18661	Bouldin Island	Navigable to MHW Line
WHITE SLOUGH	7.0	7.0	18656	Terminus	See also CofE ltr 30JUN65
WINCHESTER LAKE	ALL	ALL	18662	West Sacramento	Part of the Sacramento River
WOLOKI SLOUGH	2.4	2.4	18654	Petaluma River	
WOODWARD CANAL	ALL	ALL	18661	Woodward Island	Navigable to MHW Line
WOODS LAGOON	ALL	ALL	18680	Santa Cruz	Navigable to MHW Line
WRIGHT CUT	0.7	0.7	18662	Liberty Island	

* TO BE DETERMINED