

Final Tidal Zoning for OPR-L430-NRB-2001 San Francisco Bay, CA - Sheet F00477



NOTE 5
The area within the boundaries of this sheet and adjacent sheets is the subject of a pending application for a change in the National Tidal Zoning System. The National Tidal Zoning System is a Federal program that is being revised.

HORIZONTAL DATUM
The horizontal reference datum of this sheet is the Mean Sea Level (MSL) for the San Francisco Bay, California, as determined by the National Tidal Zoning System. The datum is based on the mean of 1971 to 1979 observations at the datum station and is 3.37 feet above the datum station.

NOTE 6
The area within the boundaries of this sheet and adjacent sheets is the subject of a pending application for a change in the National Tidal Zoning System. The National Tidal Zoning System is a Federal program that is being revised.

SFB39:
Time Corrector -54 mins
Range Corrector x1.14
Reference 941-5144

SFB42:
Time Corrector -18 mins
Range Corrector x1.02
Reference 941-5144

SFB41:
Time Corrector -30 mins
Range Corrector x1.07
Reference 941-5144

941-5144 PORT CHICAGO

NOTE 7
UNION PACIFIC BRIDGE

The clearance of the bridge is 10 feet above mean higher high water when closed and 20 feet when open. The clearance is 10 feet above mean higher high water when closed and 20 feet when open. The clearance is 10 feet above mean higher high water when closed and 20 feet when open.

NOTE 8
The U.S. Coast Guard operates a temporary vessel traffic service (VTS) in the San Francisco Bay area. The VTS is a voluntary service and is not required for all vessels. The VTS is a voluntary service and is not required for all vessels.

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Final tide zone node point locations for OPR-L430-NRB-2001,
Sheet F00477.

Format: Longitude in decimal degrees (negative value denotes
Longitude West),
Latitude in decimal degrees
Tide Station (in recommended order of use)
Average Time Correction (in minutes)
Range Correction

	Tide Station Order	AVG Time Correction	Range Correction
Zone SFB4	941-4290	0	1.00
-122.477734 37.809083			
-122.467075 37.802282			
-122.455204 37.805204			
-122.474227 37.834964			
-122.478736 37.835137			
-122.479965 37.826788			
-122.477734 37.809083			
Zone SFB5	941-4290	+12	1.00
-122.441554 37.844907			
-122.427797 37.826064			
-122.42225 37.806038			
-122.43647 37.804183			
-122.455204 37.805204			
-122.474227 37.834964			
-122.44747 37.85125			
-122.441554 37.844907			
Zone SFB6	941-4290	+24	1.00
-122.441479 37.88287			
-122.423511 37.880216			
-122.400898 37.873308			
-122.381685 37.84869			
-122.417965 37.810456			
-122.41415 37.807744			
-122.42225 37.806038			
-122.427797 37.826064			
-122.441554 37.844907			
-122.44747 37.85125			
-122.440313 37.855566			
-122.430994 37.870167			

-122.441479 37.88287

Zone SFB9

941-4863

0

0.94

-122.374309 37.876052

-122.38528 37.89304

-122.422269 37.92014

-122.444512 37.931323

-122.467627 37.930034

-122.51058 37.921506

-122.481631 37.902892

-122.441479 37.88287

-122.423511 37.880216

-122.400898 37.873308

-122.381685 37.84869

-122.374309 37.876052

Zone SFB10

941-4863

0

1.00

-122.407831 37.932914

-122.372194 37.9348

-122.269084 37.891201

-122.294341 37.826391

-122.343155 37.819306

-122.361495 37.813471

-122.36706 37.808304

-122.370991 37.813891

-122.371912 37.829515

-122.381685 37.84869

-122.374309 37.876052

-122.38528 37.89304

-122.422269 37.92014

-122.444512 37.931323

-122.407831 37.932914

Zone SFB11

941-4290

+24

1.05

-122.41415 37.807744

-122.417965 37.810456

-122.381685 37.84869

-122.371912 37.829515

-122.370991 37.813891

-122.36706 37.808304

-122.399182 37.796189

-122.41415 37.807744

Zone SFB12

941-4750

-12

0.94

-122.399182 37.796189

-122.39304 37.789561

-122.385248 37.767899
-122.326356 37.785665
-122.33078 37.795706
-122.327747 37.799847
-122.324989 37.799783
-122.294341 37.826391
-122.343155 37.819306
-122.361495 37.813471
-122.36706 37.808304
-122.399182 37.796189

SFB12A

941-4750

0

0.96

-122.326356 37.785665
-122.33078 37.795706
-122.327747 37.799847
-122.324989 37.799783
-122.290011 37.800763
-122.258525 37.796371
-122.257899 37.786778
-122.261686 37.782229
-122.280076 37.776698
-122.302132 37.782979
-122.326356 37.785665

Zone SFB13

941-4750

-6

1.00

-122.385248 37.767899
-122.395068 37.764668
-122.38133 37.752598
-122.400119 37.748626
-122.378907 37.743089
-122.368853 37.740464
-122.287044 37.765127
-122.287986 37.76709
-122.286141 37.768991
-122.286102 37.77058
-122.280076 37.776698
-122.302132 37.782979
-122.326356 37.785665
-122.385248 37.767899

Zone SFB13A

941-4750

+6

1.00

-122.257899 37.786778
-122.248625 37.790453
-122.222065 37.773921
-122.222684 37.766344
-122.228157 37.761965

-122.254628 37.755718
-122.280076 37.776698
-122.261686 37.782229
-122.257899 37.786778

Zone SFB14

941-4750

0

1.03

-122.368853 37.740464
-122.378907 37.743089
-122.384168 37.731079
-122.359853 37.719463
-122.250218 37.724694
-122.240504 37.722927
-122.253523 37.745662
-122.254628 37.755718
-122.280076 37.776698
-122.286102 37.77058
-122.286141 37.768991
-122.287986 37.76709
-122.287044 37.765127
-122.368853 37.740464

Zone SFB14A

941-4750

+12

1.04

-122.254628 37.755718
-122.253523 37.745662
-122.240504 37.722927
-122.224911 37.708844
-122.201507 37.724257
-122.186347 37.740351
-122.222065 37.773921
-122.222684 37.766344
-122.228157 37.761965
-122.254628 37.755718

Zone SFB32

941-4863

+12

0.98

-122.51058 37.921506
-122.525995 37.935525
-122.515821 37.940789
-122.514795 37.945881
-122.526298 37.969554
-122.506048 38.002931
-122.456683 37.980577
-122.40134 37.968426
-122.372397 37.97012
-122.372194 37.9348
-122.407831 37.932914
-122.444512 37.931323

-122.158212 38.049366
-122.144164 38.045095
-122.129042 38.048373
-122.11764 38.034014
-122.119003 38.024701
-122.141868 38.017447
-122.168246 38.025474
-122.158284 38.044077
-122.158212 38.049366

Zone SFB42

941-5144

-18

1.02

-122.129042 38.048373
-122.123384 38.062014
-122.114722 38.077643
-122.104062 38.087827
-122.085627 38.066581
-122.06697 38.040938
-122.056667 38.024261
-122.088517 38.0223
-122.119003 38.024701
-122.11764 38.034014
-122.129042 38.048373