

DISTRICT	LLNR	NAME	ATON TYPE	ATON TYPE NATURE	DEFINITION
11	490	Humboldt Bay Entrance Lighted Whistle Buoy HB	Synthetic	Safe Water	
11	3010	Long Beach Channel Approach Lighted Whistle Buoy LB	Synthetic	Safe Water	
11	3840	Morro Bay Approach Lighted Whistle Buoy MB	Synthetic	Safe Water	
11	10	San Diego Bay Approach Lighted Whistle Buoy SD	Synthetic	Safe Water	
11	346	San Francisco Approach Inbound Southern TSS V-AIS 1S	Virtual	Reference point	
11	346.5	San Francisco Approach Inbound Southern TSS V-AIS 2S	Virtual	Reference point	
11	347	San Francisco Approach Inbound VTS Southern Limit TSS V-AIS 3S	Virtual	Reference point	
11	347.5	San Francisco Approach Outbound VTS Southern Limit TSS V-AIS 4S	Virtual	Reference point	
11	348	San Francisco Approach Outbound Southern TSS V-AIS 5S	Virtual	Reference point	
11	348.5	San Francisco Approach Outbound Southern TSS V-AIS 6S	Virtual	Reference point	
11	351	San Francisco Approach Inbound Western TSS V-AIS 1W	Virtual	Reference point	
11	351.5	San Francisco Approach Inbound Western TSS V-AIS 2W	Virtual	Fixed AtoN - Beacon, Safe water	
11	352	San Francisco Approach Inbound VTS Western Limit TSS V-AIS 3W	Virtual	Fixed AtoN - Beacon, Safe water	
11	353	San Francisco Approach Outbound Exiting Western TSS V-AIS 5W	Virtual	Fixed AtoN - Beacon, Safe water	
11	353.5	San Francisco Approach Outbound Western TSS V-AIS 6W	Virtual	Reference point	
11	360	San Francisco Approach Lighted Whistle Buoy SF	Synthetic	Fixed AtoN - Beacon, Safe water	
11	365	Mile Rocks Light	Synthetic	Fixed AtoN - Light, without sectors	
11	370	Point Bonita Light	Synthetic	Fixed AtoN - Light, without sectors	
11	376	San Francisco Approach Inbound Northern TSS V-AIS 1N	Virtual	Reference point	
11	376.5	San Francisco Approach Inbound Northern TSS V-AIS 2N	Virtual	Fixed AtoN - Beacon, Safe water	
11	377	San Francisco Approach Inbound VTS Northern Limit TSS V-AIS 3N	Virtual	Fixed AtoN - Beacon, Safe water	
11	377.5	San Francisco Approach Outbound VTS Northern Limit TSS V-AIS 4N	Virtual	Fixed AtoN - Beacon, Safe water	
11	378	San Francisco Approach Outbound Northern TSS V-AIS 5N	Virtual	Fixed AtoN - Beacon, Safe water	
11	378.5	San Francisco Approach Outbound Northern TSS V-AIS 6N	Virtual	Reference point	
11	4165	San Francisco Main Ship Channel Lighted Whistle Buoy 2	Synthetic	Starboard hand Mark	
11	4330	Harding Rock Lighted Buoy HR	Synthetic	Safe Water	
11	4421	San Francisco-Oakland Bay Bridge Pier A V-AIS	Virtual	Fixed AtoN - Beacon, Special mark	
11	4427	San Francisco-Oakland Bay Bridge Pier B V-AIS	Virtual	Fixed AtoN - Beacon, Special mark	
11	4441	San Francisco-Oakland Bay Bridge Pier C V-AIS	Virtual	Fixed AtoN - Beacon, Special mark	
11	4447	San Francisco-Oakland Bay Bridge Pier D V-AIS	Virtual	Fixed AtoN - Beacon, Special mark	
11	4462	San Francisco-Oakland Bay Bridge Pier E V-AIS	Virtual	Fixed AtoN - Beacon, Special mark	
11	5925	San Pablo Bay Channel Light 12	Synthetic	Fixed AtoN - Beacon, Starboard hand	
13	690	Columbia River Approach Lighted Whistle Buoy CR	Synthetic	Safe Water	

13	725 Grays Harbor Approach Lighted Whistle Buoy GH	Synthetic	Fixed AtoN - Beacon, Safe water
13	9935 Clatsop Spit Lighted Whistle Buoy 8	Synthetic	Starboard hand Mark
13	9970 Clatsop Spit Lighted Whistle Buoy 14	Synthetic	Starboard hand Mark
13	10378 Steamboat Slough V-AIS 38	Virtual	Starboard hand Mark
13	11700 Multnomah Falls Upper Range Front Light	Synthetic	Fixed AtoN - Leading Light Front
13	11705 Multnomah Falls Upper Range Rear Light	Synthetic	Fixed AtoN - Leading Light Rear
13	15571 Grays Harbor Entrance Lighted Whistle Buoy 8	Synthetic	Fixed AtoN - Beacon, Starboard hand
13	575 Rogue River Approach Lighted Whistle Buoy R	Synthetic	Safe Water
13	615 Coos Bay Approach Lighted Whistle Buoy K	Synthetic	Safe Water
13	9245 Umpqua River South Jetty Light 2A	Synthetic	Fixed AtoN - Beacon, Starboard hand
13	755 Strait of Juan De Fuca Traffic Separation Lane Lighted Whistle Buoy J	Synthetic	Safe Water
13	765 Duntze Rock Lighted Bell Buoy 2	Synthetic	Starboard hand Mark
13	16405 Puget Sound Traffic Separation Lane Lighted Buoy SA	Synthetic	Safe Water
13	16502 Puget Sound Traffic Separation Lane V-AIS SB	Virtual	Safe Water
13	16815 Puget Sound Traffic Separation Lane Lighted Buoy SG	Synthetic	Safe Water
13	16975 Puget Sound Traffic Separation Lane Lighted Buoy TA	Synthetic	Safe Water
14	30811 Agat Harbor Entrance Lighted Buoy AG	Synthetic	Safe Water
14	29175 Honolulu Harbor Entrance Lighted Buoy H	Synthetic	Safe Water
14	29367 Papa Hotel Approach Point V-AIS	Virtual	Reference point
17	26430 Cook Inlet VAIS 9	Virtual	Port hand Mark
17	26448 Cook Inlet VAIS 11	Virtual	Port hand Mark