



One-way traffic area designated for use by all vessels traveling between the points involved. They have been designed to aid in the avoidance of collisions at the approaches to San Francisco Bay but are not intended in any way to supersede or alter the applicable Rules of the Road. Separation zones are intended to separate inbound and outbound traffic and to be free of all traffic except on emergency occasions. Vessels are required to stay outside the circular separation zone centered on San Francisco Approach Light from buoy 57. When crossing traffic area or separation zones, exercise caution.

CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and submarine cables and submarine pipelines and cable areas are shown as:
Pipelines Area
Cable Area
Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. All submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines or cables may exist, and when anchoring, dragging or towing. Covered wells may be marked by light or buoy.

NOTE F
CHEMICAL MUNITIONS DUMPING AREA - RESTRICTION
Site was formerly used or designated for U.S. chemical munitions dumping. Such use has been discontinued. Designation of such sites in no way credits authority for dumping.

NOTE 5
Regulations for ocean dumping sites are contained in 40 CFR, Parts 200-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilot appendices for addresses of EPA offices.

NOTE 6
SUBMERGED SUBMARINE OPERATING AREA
Boundary limits and designations of Submerged Submarine Operating Areas are shown in solid magenta lines and are indicated by letters from AREA "01" to AREA "10". As submarines may be operating in these areas, vessels should proceed with caution. During target practice firing, all vessels are cautioned to keep well clear of Naval Target Vessels flying a large red flag at the highest masthead.

SOUNDINGS IN FATHOMS AND FEET TO MEAN LOWER LOW WATER
For Symbols and Abbreviations
CONREGS: International Regulations for Preventing Collisions at Sea
AUTHORITIES: Hydrography and Topography by U.S. Coast Survey, Coast Survey, with data from the Corps of Engineers, Coast Survey, and U.S. Coast Guard
AIDS TO NAVIGATION: Consult U.S. Coast Guard List of Lights, Supplemental Information concerning navigation.
SUPPLEMENTAL INFORMATION: Consult U.S. Coast Pilot for important supplemental information.

NOTE D
PRECAUTIONARY AREA
Traffic within the Precautionary Area consists of vessels making a crossing between the Main Ship Channel and established traffic lanes. Marine to exercise extreme caution within this area. The normal of the pilot vessel is indicated "P".

PRECAUTIONARY AREA
(see note D)