

I. GEOGRAPHICAL BOUNDARIES

A. ADVISORY ZONE

1. General Description: Please refer to the attached chartlets at the end of this chapter, showing the geographical boundaries of the Plan. The Plan covers:

- a. The navigable water areas within San Pedro Bay that are under the jurisdiction of the Cities of Los Angeles and Long Beach; and
- b. Navigable waters outside the breakwaters encompassed by the arc of a circle having its center at Point Fermin Light, drawn from a position on the shore near Newport Beach clockwise to the shore near Santa Monica. This circle's radius is twenty-five (25) nautical miles.

2. Traffic Separation Scheme: In September 2000, an amended International Maritime Organization-approved Traffic Separation Scheme (TSS) was established in San Pedro Bay. The amended TSS was established as the result of a port access route study, which evaluated vessel routing and traffic management measures. The amended TSS routes commercial vessels farther offshore, providing an extra margin of safety and environmental protection in the San Pedro Channel area and the entrances to the Ports of Los Angeles and Long Beach. The TSS comprises designated traffic lanes and associated separation zones for the approaches to the LA/LB Harbors. Refer to National Oceanographic and Atmospheric Administration (NOAA) Chart 18746.

a. Western Approach

i. A line connecting the following geographical positions defines the separation zone:

- | | |
|---------------|------------|
| a) 33°37.7'N, | 118°17.6'W |
| b) 33°36.5'N, | 118°17.6'W |
| c) 33°36.5'N, | 118°23.1'W |
| d) 33°43.2'N, | 118°36.9'W |
| e) 33°44.9'N, | 118°35.7'W |
| f) 33°37.7'N, | 118°20.9'W |

ii. A one mile wide traffic lane is established on each side of the separation zone.

iii. The main traffic directions are:
090°T-270°T and 120°T-300°T

b. Southern Approach

i. A separation zone, two miles wide, is established bounded by a line connecting the following geographical positions:

- a) 33°35.5'N, 118°10.3'W
- b) 33°35.5'N, 118°12.8'W
- c) 33°19.7'N 118°03.5'W
- d) 33°19.0'N 118°05.6'W

ii. A one mile wide traffic lane is established on each side of the separation zone.

iii. The main traffic directions are: 160°T and 340°T.

3. Precautionary Area/Regulated Navigation Area: The LA-LB Precautionary Area/Regulated Navigation Area comprises the waters enclosed by a line connecting Point Fermin Light (33-42.3N, 118-17.6W) along the shoreline to the San Pedro breakwater and the middle breakwater (following the COLREGS demarcation lines) to Long Beach Channel entrance light "2" (33-43-4N, 118-10.8W) southeast to 33-37.7N, 118-06.6W; southwesterly to 33-35.5N 118-08.8W; west to 33-35.5N, 118-17.6W; north to the point of origin.

4. The Precautionary Area/Regulated Navigation Area and portions of the TSS in the western and southern approaches to the LA/LB Harbors lie within the VTS Area of Responsibility. **Refer to the Los Angeles-Long Beach, Vessel Traffic Service (VTS), User Manual for specific requirements while operating within these geographic boundaries.**

B. STATUTORY ZONE: California three mile limit.

C. APPROACHES: Those waters of the San Pedro Bay outside the federal breakwater.

D. HARBOR: Waters inside federal breakwater.

- 1. Los Angeles Harbor: legal limits of city.
- 2. Long Beach Harbor: legal limits of city.

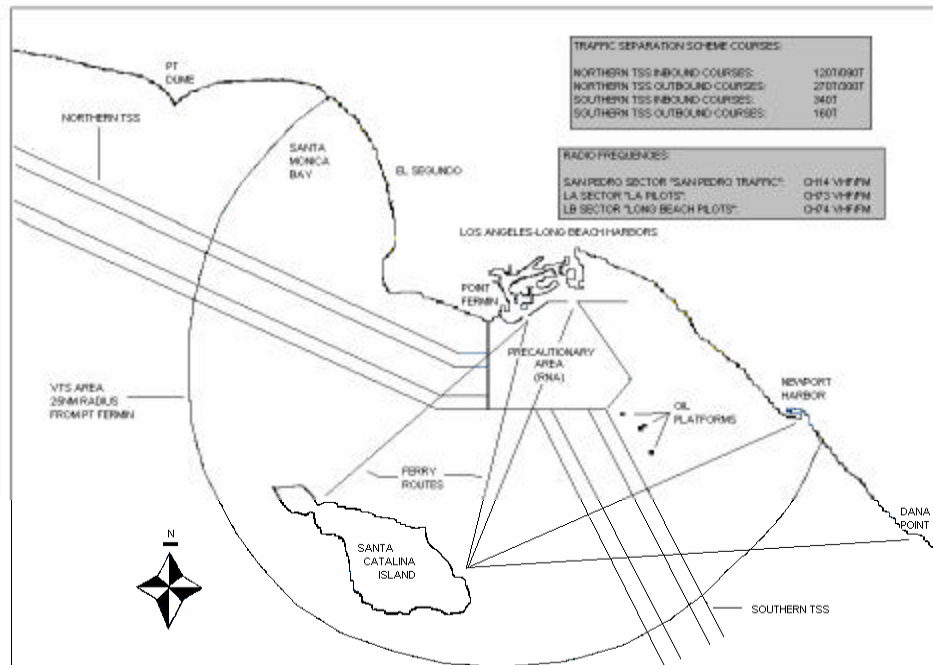
E. REFERENCE CHARTS AND PUBLICATIONS: Other useful charts and publications include:

- 1. NOAA/NOS United States Coast Pilot 7.
- 2. U.S. Coast Guard, Light List, Volume VI, Pacific Coast and Pacific Islands.
- 3. NOAA Chart 18740, San Diego to Santa Rosa Island.
- 4. NOAA Chart 18746, San Pedro Channel, Dana Point Harbor.
- 5. NOAA Chart 18749, San Pedro Bay, Anaheim Bay – Huntington Harbor.
- 6. NOAA Chart 18751, Los Angeles and Long Beach Harbors.

Los Angeles/Long Beach Harbor Safety Plan

**GEOGRAPHIC LIMITS
OF THE
HARBOR SAFETY PLAN**

Los Angeles/Long Beach Harbor Safety Plan



When using a disk copy of the LA/LB HSP you will be able to print this in landscape and also enlarge the chart if desired.

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Map of LA/LB Harbors