

VTS Los Angeles-Long Beach Harbor

Captain Dick McKenna

Executive Director

Marine Exchange of Southern California

Topics of Discussion

- Background
- What makes VTS LA/LB Unique?
- Why has VTS LA/LB been successful?
- Benefits associated with a joint-ventured “partnership” VTS
- New approaches for promoting maritime safety and security

Background



Genesis of VTS LA/LB

- Marine Exchange established 1923
- Maritime Information Clearinghouse
- Vessel Traffic Advisory Service (VTAS) established in 1981
- Federal and State Mandates for a VTS at LA/LB after Exxon Valdez Oil Spill
- VTS LA/LB came on-line March 1st, 1994





MARINE EXCHANGE BULLETIN
 POSTED DAILY BY THE MARINE EXCHANGE
 LOS ANGELES CHAMBER OF COMMERCE
 SAN PEDRO CHAMBER OF COMMERCE
 WILMINGTON CHAMBER OF COMMERCE

PORT DIRECTORY and VESSELS IN PORT

LOS ANGELES - PORT OF SAN PEDRO - PORT OF WILMINGTON - DISTRICT OF CALIFORNIA
 THE MARINE EXCHANGE - TELEPHONE 2 - SAN PEDRO 10446

WILMINGTON DISTRICT

SHIP	BERTH	WHARF	LOCATION
T MARIU	10-100	ASSOCIATED RE. CO.	WEST BASIN
	10-123	SAN PEDRO LUM. CO.	WEST BASIN
	150-151	ARSON MFG. CO.	FT. PIER A-55
Adm. Dewey-Fiske	159-153	ANCHOR LINES CO.	PIER-A
	154	AMERICAN LINE	PIER-A
Wilhilo	155-157	LOS AN. LUM. CO.	PIER-A
	158	WILLIAMS LINE	PIER-A
	159-160	STRUTHERS CO.	PIER-A
	117-168	SHELL OIL CO.	NORMAN ISL.
	172	PETROLE	HANNAH I.
DAKOTAN	125-176	AMERICAN	HANNAH ISL.
	177-180	MC GORMICK	HANNAH ISL.
	181	CASED PETR. &	HANNAH ISL.
CATALINA	184-185	CATALINA TERMINAL	HANNAH ISL.
WALLINGFORD	167	W.E. OIL C. LEBRON	HANNAH ISL.
GREYLOCK	188	PACIFIC MAIL	PIER-A
ST. CECILIA	189-191	ARSON LUM. CO.	FT. PIER A-55
WAAREENA	192-197	MC GORMICK LUM. CO.	EAST BASIN
SIERRA	198-199	ALUMA LUM. CO.	EAST BASIN
WASHINGTON	200	CONSOLIDATED LUM. CO.	FT. PIER A-55
BARBARA - C			

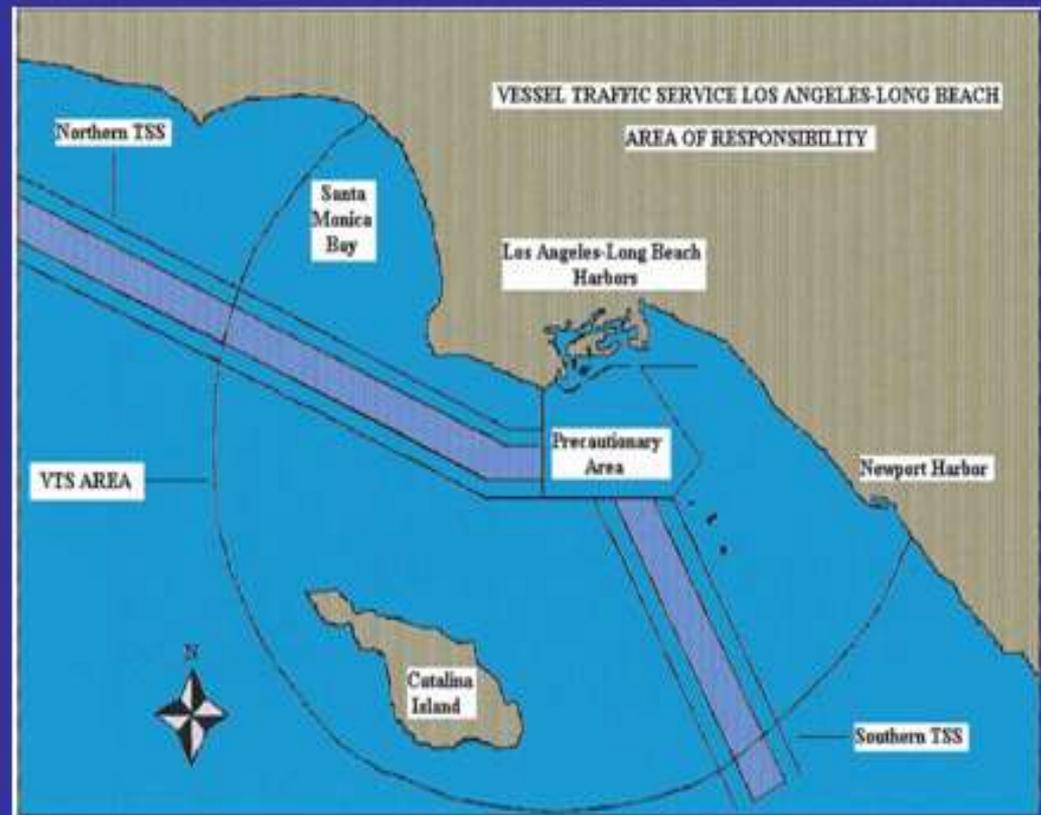
TERMINAL KILF BURN SAN PEDRO BIRTH OUTER HARBOR

S. D. Mar 22 A B... 73 Cl...
 S. D. Mar 24 A B... 74 Cl...
 S. D. Mar 25 A B... 75 Cl...
 S. D. Mar 26 A B... 76 Cl...
 S. D. Mar 27 A B... 77 Cl...
 S. D. Mar 28 A B... 78 Cl...
 S. D. Mar 29 A B... 79 Cl...
 S. D. Mar 30 A B... 80 Cl...



VTS Area of Responsibility

- 25 Mile Radius from Pt. Fermin; 1,200 square miles; authority limited to outside breakwater
- Pilot Stations Responsible for traffic control & facilitation inside breakwater
- VTMS – “MOU”: a seamless system.



VTS Partnership

- U.S. Coast Guard
- Marine Exchange
- State of California
- Pilot Organizations
- Ports of LA & LB
- Maritime Industry

VTS Stakeholders

- Ports of LA and LB
- Ship Operators/Owners
- Petroleum Industry
- Towing Industry
- Harbor Pilots
- Recreational Boaters
- Waterfront Business Community
- Passenger Vessels
- Cargo consignees and shippers

Special Aspects

- User Fees
 - Avg. \$345 per vessel visit
 - Support Ongoing Operations
- Joint Operation with Captain of the Port Authority
 - CG and MX Personnel Operate

Joint Ownership

- Industry has input on operation
- Trusted Safety and Educational “tool”
- Ports’ “Maritime Information Center”
 - One Stop Shopping
 - Broker of Information
- Coast Guard COTP Enforcement Tool

VTS Benefits

- Provides USCG and MX “fingers on the pulse”
- Industry input and participation
- Cost Effective Partnership
 - Shared facilities, information, responsibility and personnel
 - Streamlined acquisition process

VTS Features (cont'd)

- AIS Capability
- PORTS (Physical Oceanographic Real Time System)
- Shared Computerized Port Traffic Information with Coast Guard



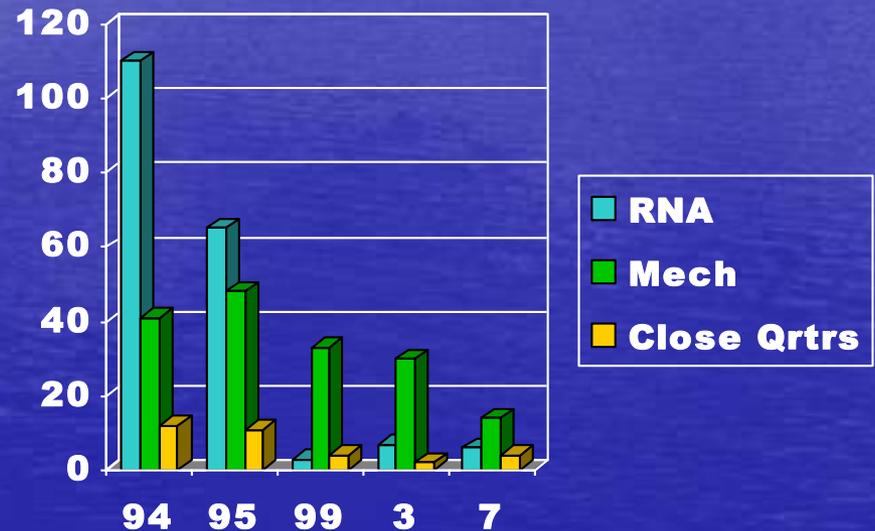
VTS Activity Level

(Since Inception, March 94 - July 08)

- Over 350,000 covered transits
- 930+ "Incident Reports"
 - COTP Letters of Concern - Great responses
 - Violations processed with Letters of Warning
 - Full compliance with "replay" invites
- Numerous Mechanical Problems Identified
- SAR Assists
- Support of CG Law Enforcement

VTS Statistical Analysis

- Reduced violations of RNA
- Reduced Close Quarters Incidents
- Better Detection of Equipment/Propulsion problems



VTS Successes

- 1997 Hammer Award Winner
- Search and Rescue Assists
- Law Enforcement Support
- Improving Navigation Safety
- Increasing Environmental Protection
- Enhancing Port Security

VTS Future

- Incorporated into National VTS Regulations
- Continued, Enhanced Partnership
- Sharing “Real Time” Radar and Computerized Information with “Need to Know” Entities
- Expanding VTS to Port Hueneme
- Pursuing ASVTS – Long Range Vessel Tracking

