Today’s Objectives

- Quick overview of the USCG / Port Activities
- “What keeps me up at night”
  - Communication
  - Security
  - Maritime Domain Awareness
- Future plans for Sector Los Angeles – Long Beach
Ports of Los Angeles & Long Beach

- Nation’s largest port complex
- World’s 5th largest port complex
- Over $235 billion in annual trade
- 15.5 million containers annually
- 6,000 vessel arrivals annually
- 43 % of containers entering U.S.
- 235 million metric tons of cargo
- 1 million passengers
- 500,000 autos
- 50% of California’s oil (370M BBLs/YR)
- 3 million jobs nationwide
A Typical Day

Los Angeles & Long Beach Seaports

- 16 Vessel Arrivals
- 13,000 Containers
- 33.6 Million Gallons Petroleum Products
- $520M worth of cargo
- 2,800 Cruise / Ferry Passengers
Communications

- VHF
- UHF
- SATCOM
- HF
Rescue 21

Communication Enhancements

Integrated regional display
- Raster Nautical Charts
- LOBs and Fixes
- DSC Positions

Communication Desktop
- Identifies call source and strength
- Access radios, telephones, intercoms
- Conference formation
- Access recent calls

Single integrated interface supporting:
- Communications
- Direction Finding
- Marine Broadcast
- DSC

Regional Display Control
- Time bar identifies time range of interest
- Pan and scale identify area of interest DVD like replay of audio and data
- Freeze an instant in time for close analysis
Security – National Automated Identification System (NAIS)

Automated Identification System (AIS)
Security – Facilities
(Transportation Worker Identification Credential - TWIC)

- 57 MTSA-Regulated Facilities
  - ✓ 13 Container Terminals
  - ✓ 17 Bulk Liquid Terminals
  - ✓ 2 Cruise Ship Terminals
  - ✓ 3 RO/RO Terminals
  - ✓ 1 Break Bulk
  - ✓ 21 Other Terminals (Chemical, Lumber etc.)
Maritime Domain Awareness

Global Maritime Intelligence + Global Maritime Situational Awareness → MDA

Better understanding of Operational Environment:
- Collection
- Fusion
- Analysis
- Dissemination
MDA Enhancements

Command 21

- Surveillance
- Decision & Mission Support
- Multi-agency collaboration

1. C4ISR
2. Increased sensors
3. Historical data
4. Common operational picture (COP)

C4ISR = Maritime Domain Awareness
Future Plans
CG Sector Los Angeles Long Beach

- SCC expansion
- Continue to conduct joint exercises & training
- Upgrade communications equipment
- Integrate port sensor info
- DHS S&T Test bed