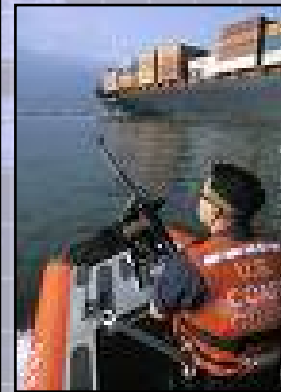
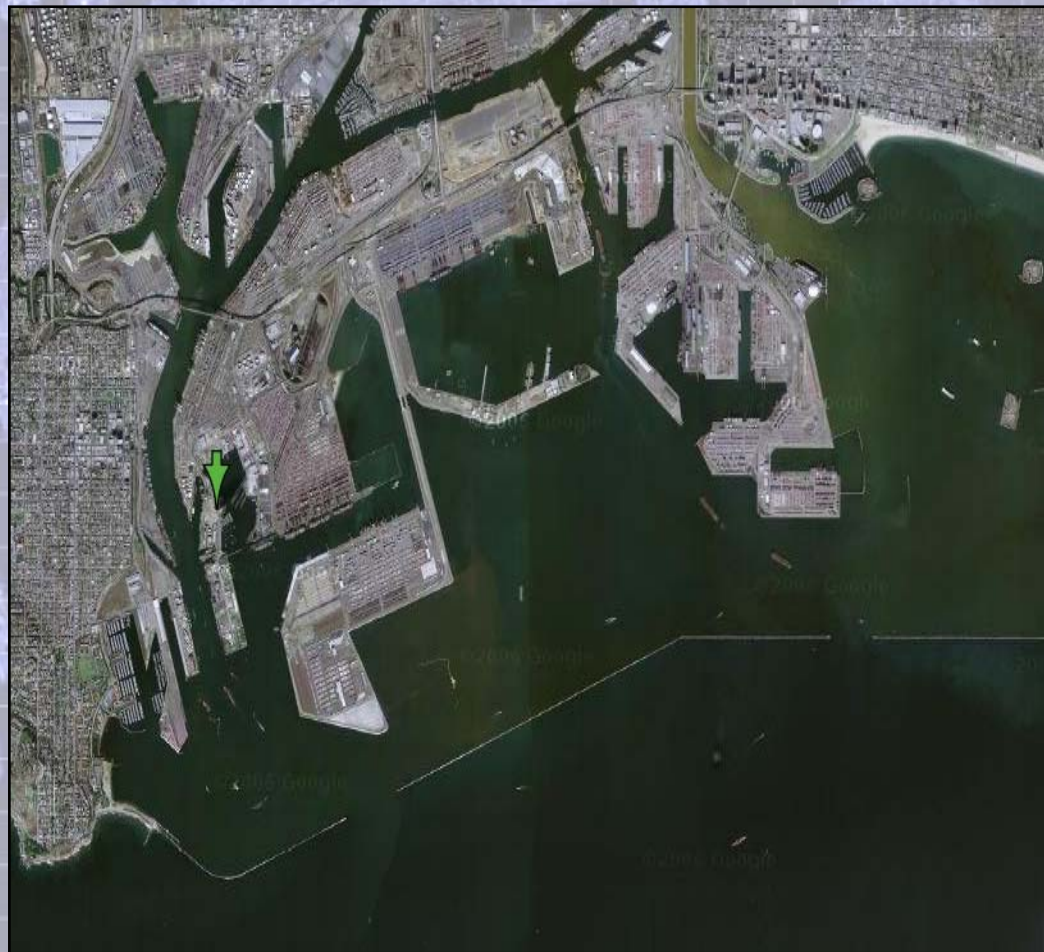
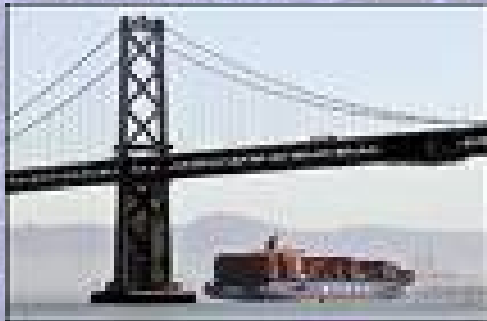


CAPT Paul Wiedenhoeft

Commander, Sector Los Angeles – Long Beach



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



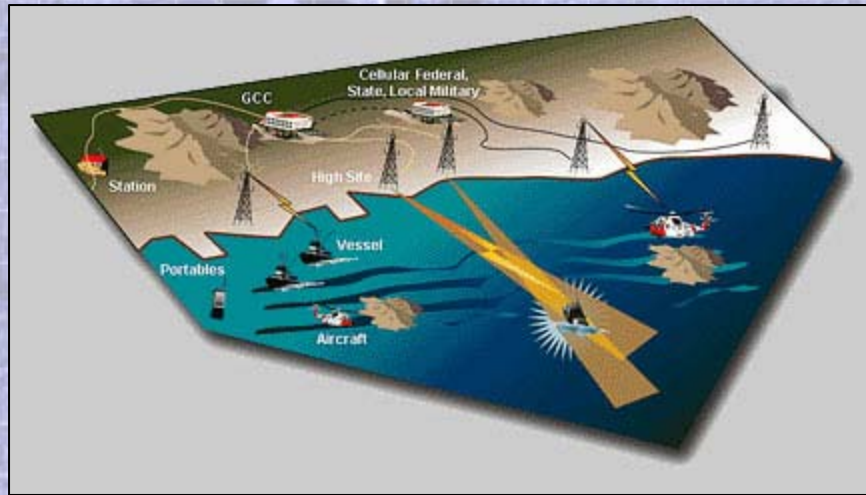
- ✓ VHF
- ✓ UHF
- ✓ SATCOM
- ✓ HF



Homeland
Security

Communication Enhancements

Rescue 21



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

Integrated regional display

- Raster Nautical Charts
- LOBs and Fixes
- DSC Positions

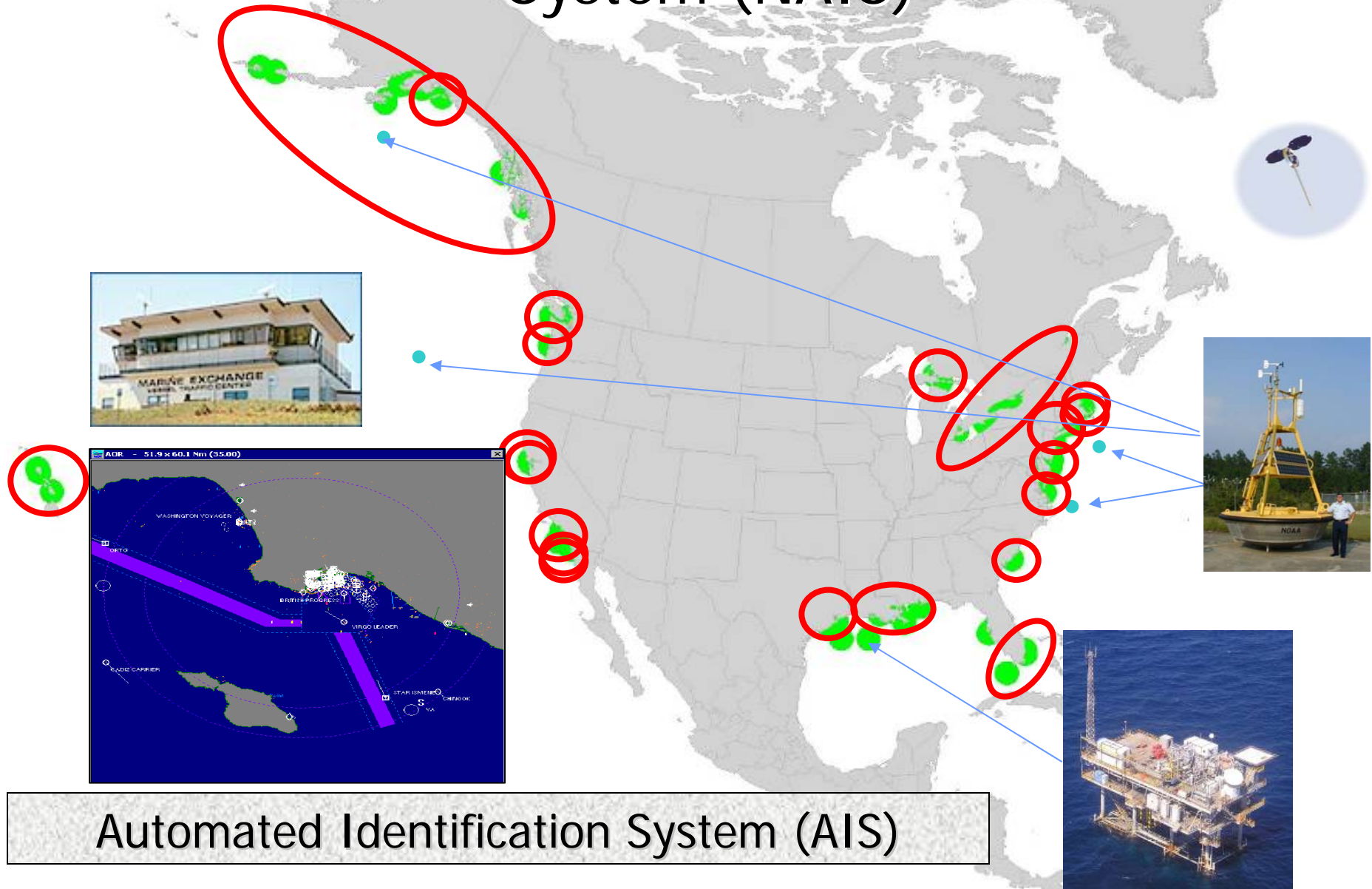
Regional Display Control

- 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



Homeland
Security

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



Homeland
Security

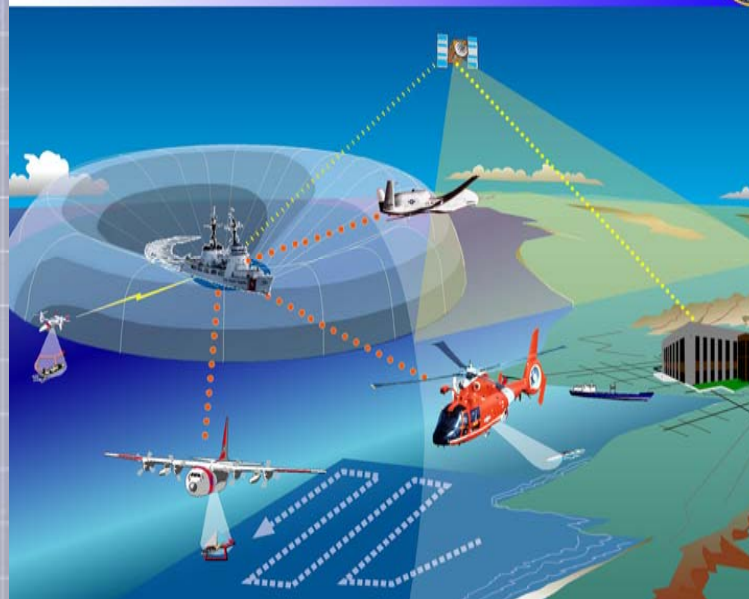
MDA Enhancements

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



Homeland
Security

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

