



Your Navy in the Southwest

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Executive Director, Navy Region Southwest*

Supporting the Maritime Strategy

For

**11th San Francisco Financial Center (SFC) Customer
Advisory Board (CAB) Conference**

15-16 March 2011



The Maritime Strategy

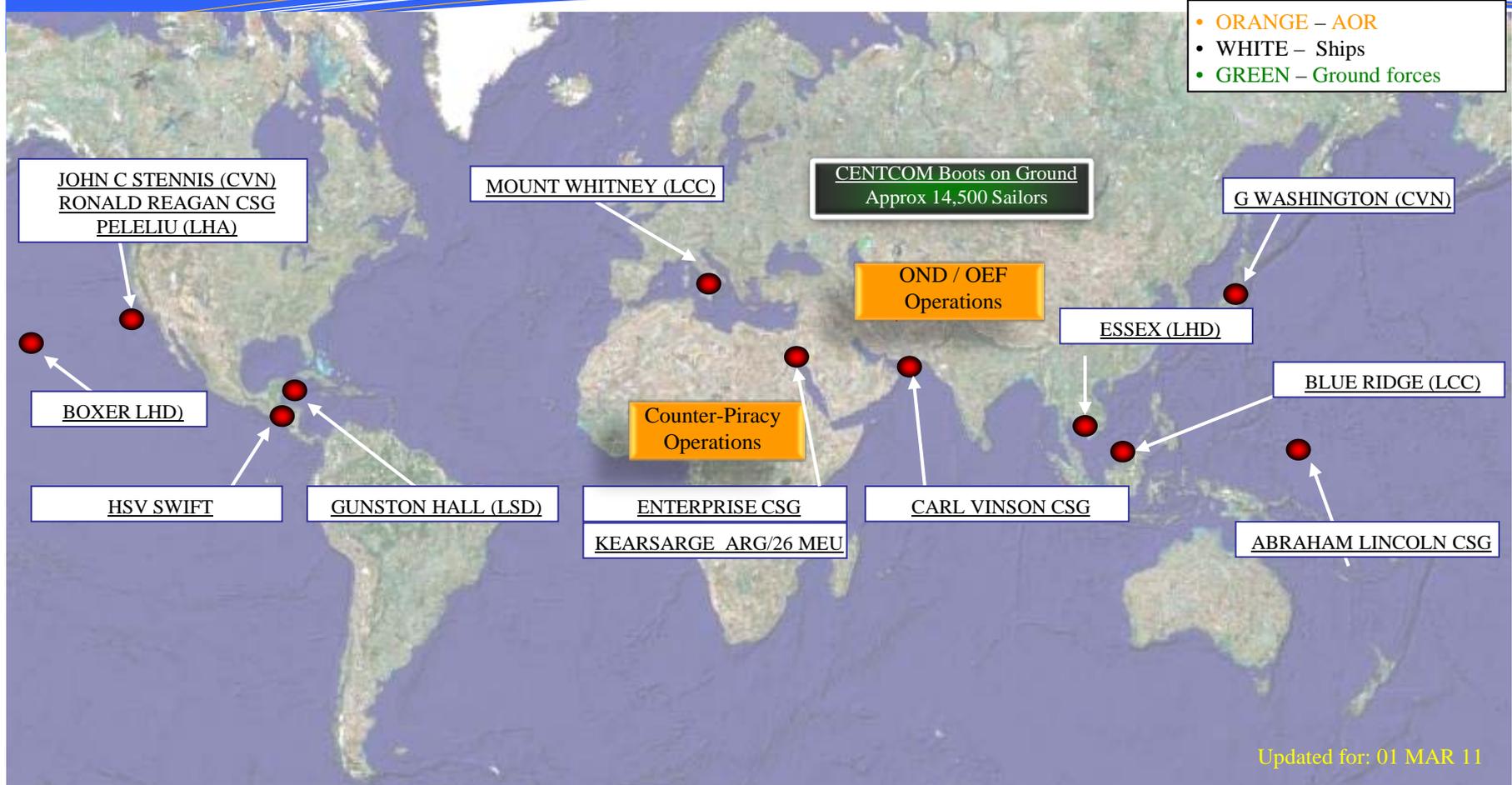
- *Traditional Core Missions*
 - *Forward Presence*
 - *Deterrence*
 - *Sea Control*
 - *Power Projection*

- *Expanded Core Missions*
 - *Maritime Security*
 - *Humanitarian Assistance and Disaster Response*





United States Navy Today



Updated for: 01 MAR 11

288 BATTLE FORCE SHIPS	DEPLOYED:	118 (41%) 4 CVN, 3 LHA/LHD, 2 LCC
	NON-DEPLOYED UNDERWAY:	26 2 CVN, 1 LHA/LHD
	TOTAL	144 (50%) 6 CVN, 4 LHA/LHD, 2 LCC



Global War on Terror Augmentation – Navy’s Biggest Missions

Central Command Overall Totals
~14,500 Ashore
~10,000 Afloat

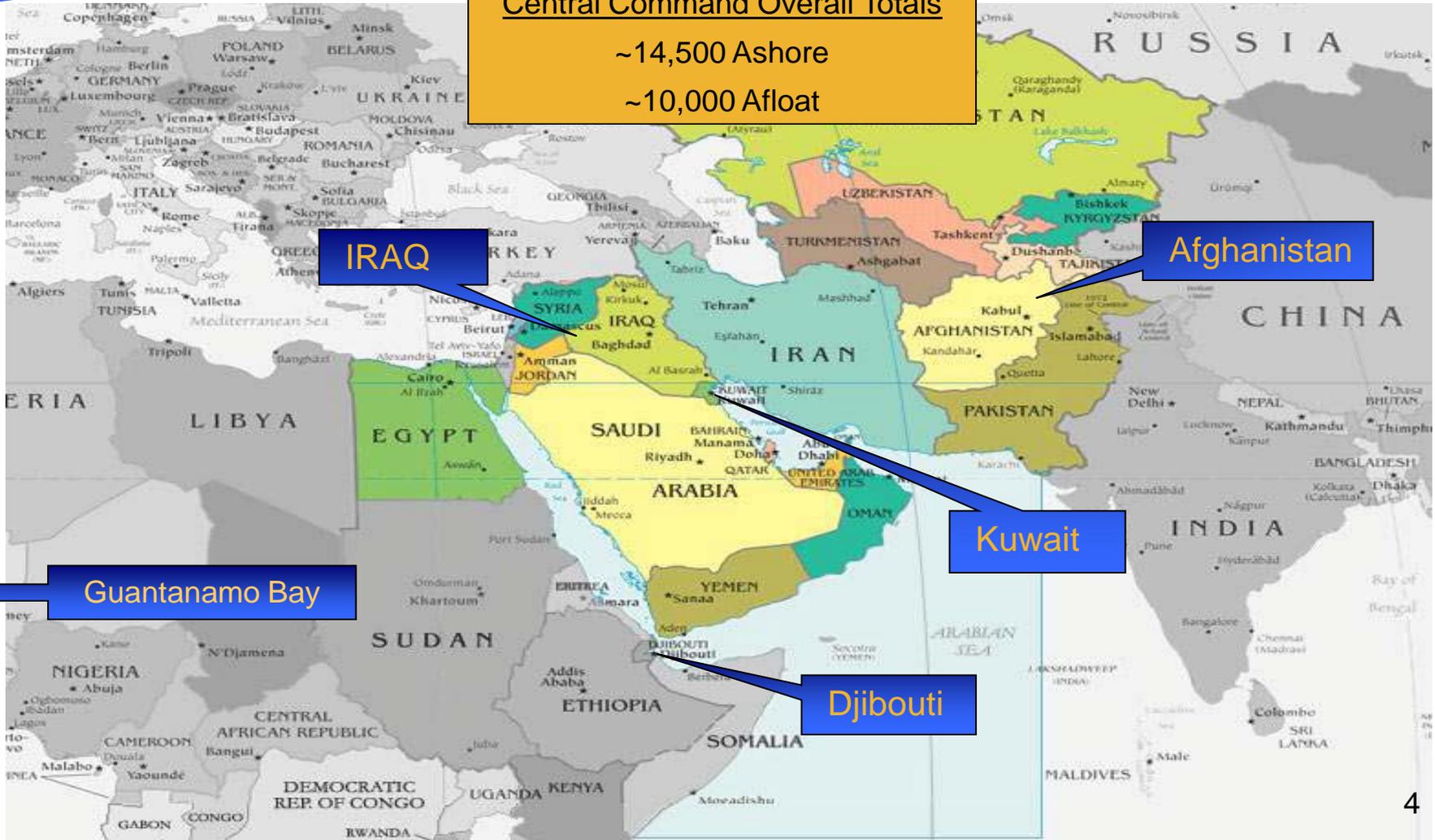
IRAQ

Afghanistan

Kuwait

Guantanamo Bay

Djibouti





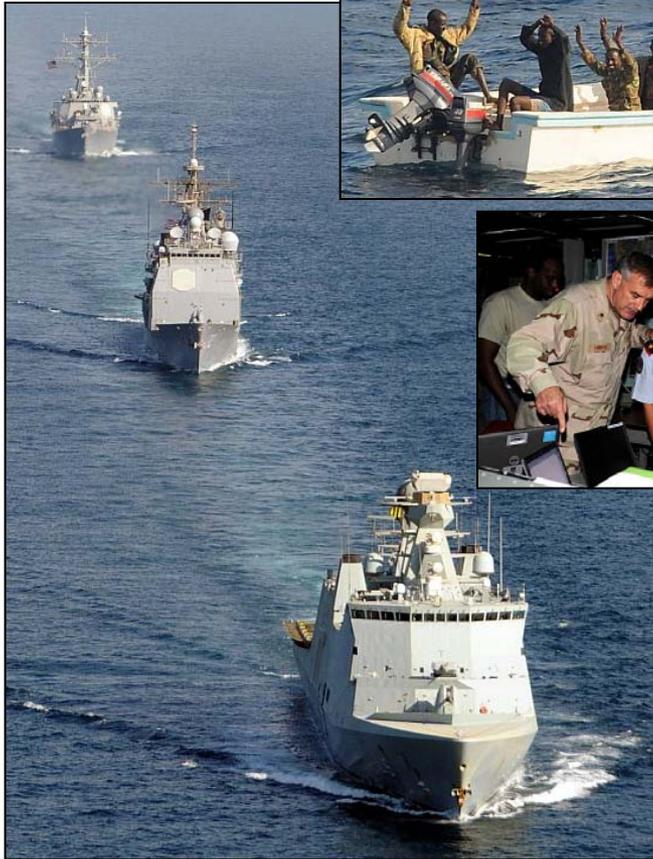
Supporting the Maritime Strategy

- *Traditional Core Missions*
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Counter-Piracy Operations



The Dutch ship HDMS Absalon (L 16), USS Vella Gulf (CG 72) and USS Mahan (DDG 72)



Yemen Coast Guard and Yemen Navy



- **Combined Task Force 151**

- Current Commander from Pakistan
- Ships from 25 Countries
- Covering 1.1 million square miles of ocean



Tsunami Response in Indonesia





Global Humanitarian Assistance



Trust and cooperation cannot be surged.



Humanitarian Response





Asia - Pacific

Includes:

- 40 nations
- 60% of the world's population
- More than half of world's surface
- 30% of the world's GDP
- 70% of world's oil through Strait of Malacca

-
- 4 top trading partners:
 - Canada, China, Mexico, Japan
 - 6 largest militaries:
 - China, U.S., India, Russia, North Korea, South Korea



QDR directs 60% of the fleet to the Pacific



Navy Installations Command

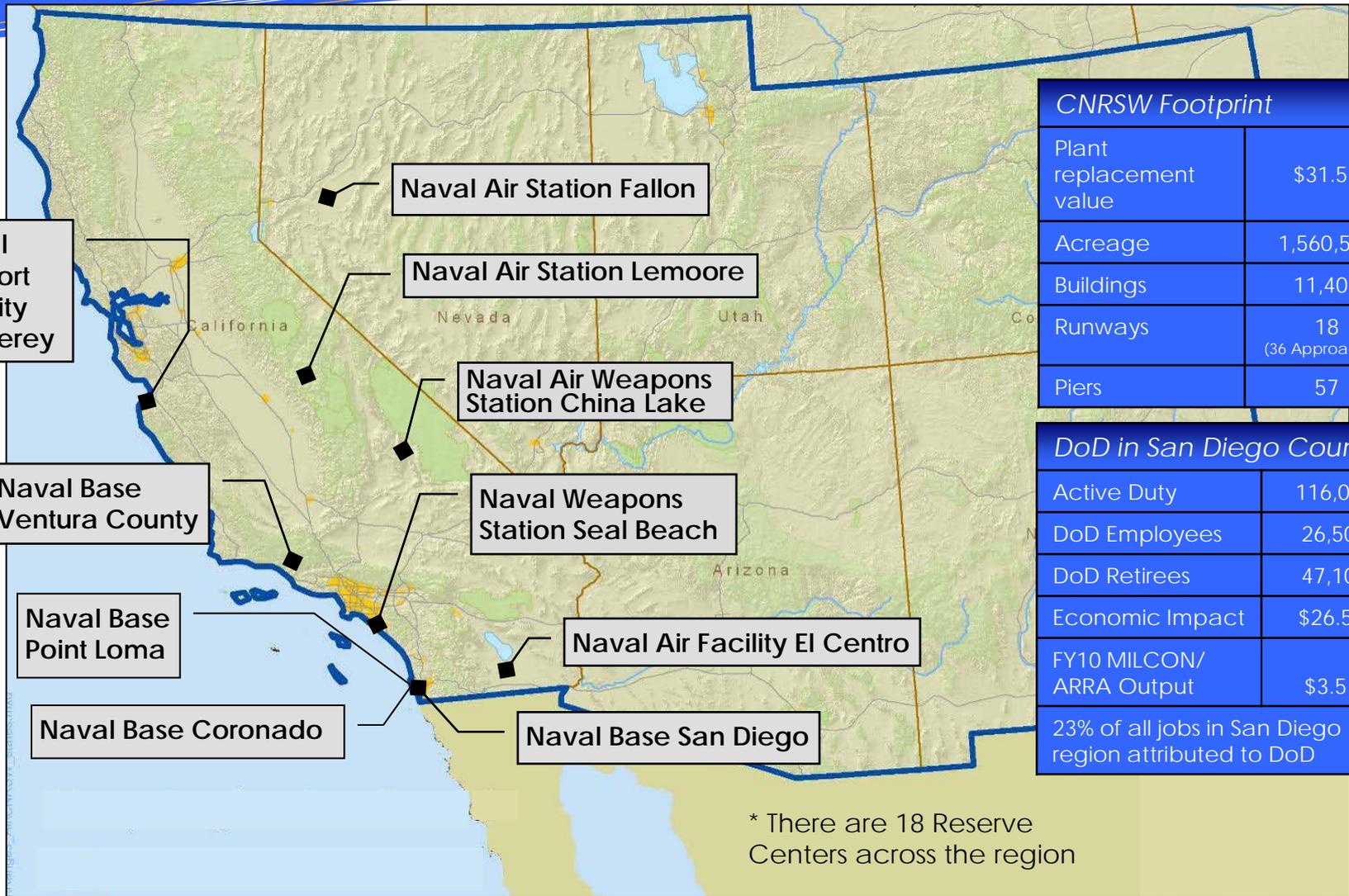
Sustain the Fleet, Enable the Fighter, Support the Family

- 12 Regions world-wide
- 74 Installations





Region Southwest



Naval Support Activity Monterey

Naval Base Ventura County

Naval Base Point Loma

Naval Base Coronado

Naval Air Station Fallon

Naval Air Station Lemoore

Naval Air Weapons Station China Lake

Naval Weapons Station Seal Beach

Naval Air Facility El Centro

Naval Base San Diego

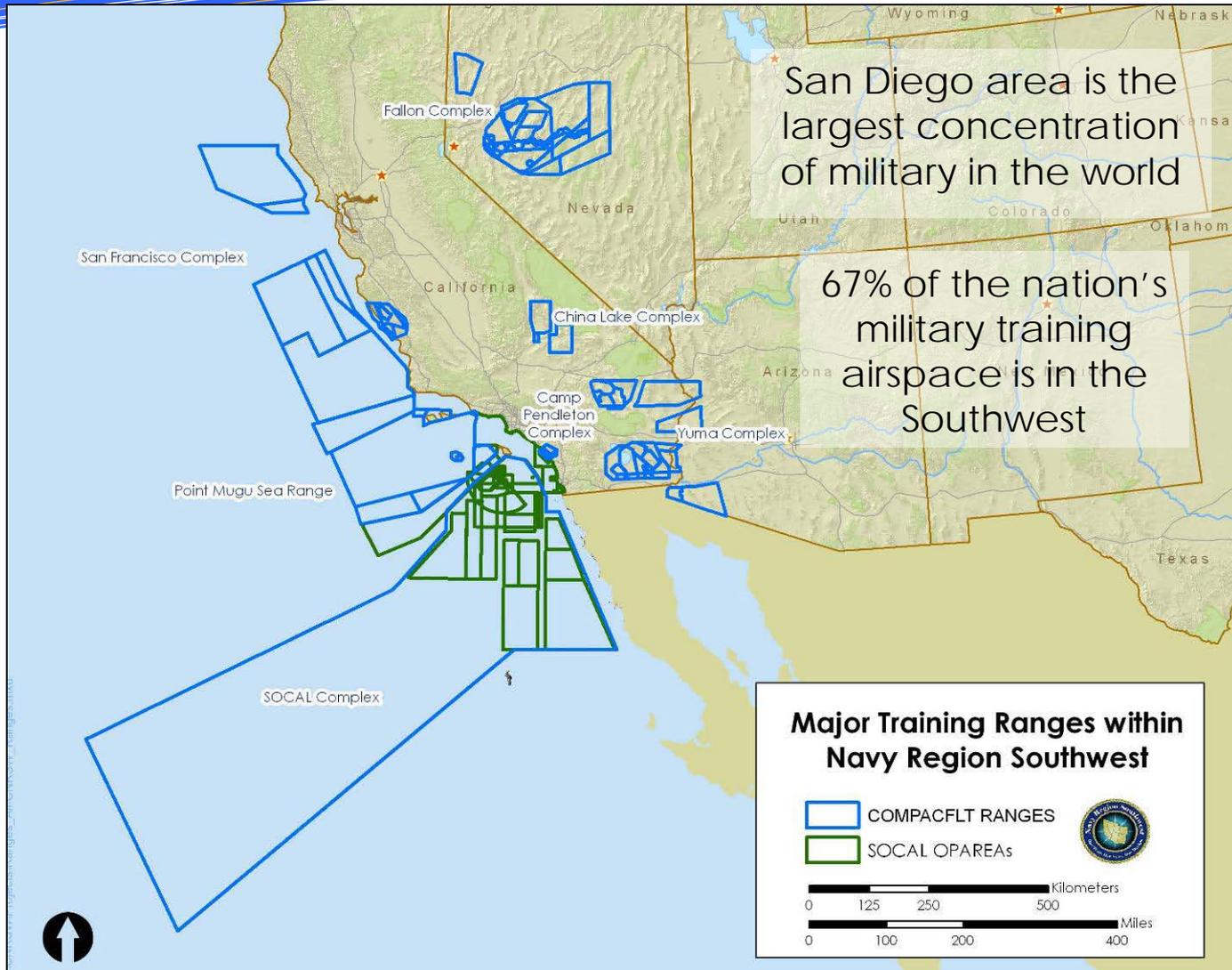
CNRSW Footprint	
Plant replacement value	\$31.5B
Acreage	1,560,526
Buildings	11,401
Runways	18 (36 Approaches)
Piers	57

DoD in San Diego County	
Active Duty	116,060
DoD Employees	26,500
DoD Retirees	47,100
Economic Impact	\$26.5 B
FY10 MILCON/ARRA Output	\$3.5 B
23% of all jobs in San Diego region attributed to DoD	

* There are 18 Reserve Centers across the region



Southwest Ranges





Navy Energy Goals

“Department of the Navy will by 2020 produce at least half of our shore-based energy requirements on our installations from alternative sources.”

-- Secretary of the Navy Ray Mabus



The "Green Hornet" -- F/A-18F Super Hornet

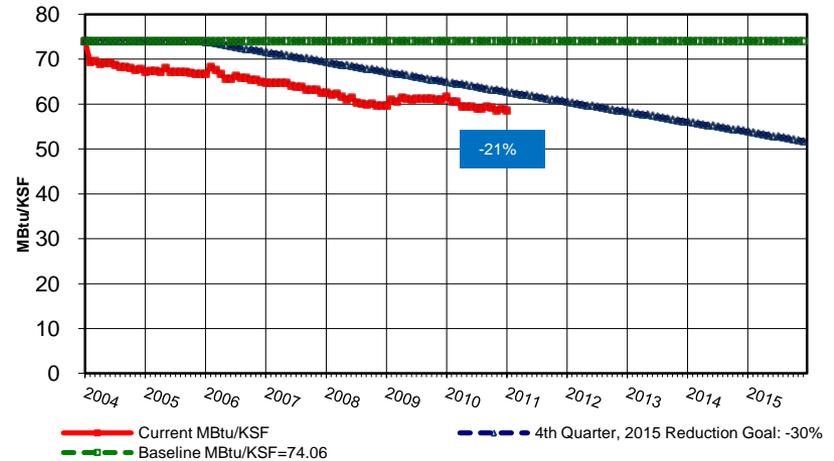




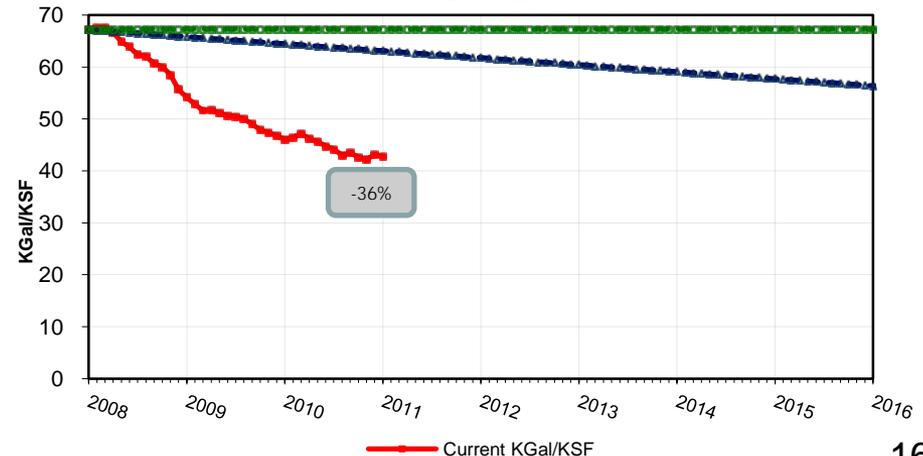
Conservation Successes

- **Energy Reduction**
 - Energy intensity reduced 21% since 2003
 - Shipboard Shore Energy Management
 - >\$7M and 59 million KWH saved since 2007
- **Water Conservation**
 - 1 Billion gallons less per year than 2007
 - Computerized irrigation
- **Furniture re-use Program/Sustainability Interior Showroom**
 - Reused 629 tons of furniture, resulting in \$9.6M in cost avoidance since 2009
- **Sustainable Solid Waste Management**
 - Diverted 72.9% (146K tons) of waste in 2010
 - Saved 584K cubic yards of landfill space in 2010
 - \$13.4M in avoided disposal costs in 2010

**Energy Reduction Progress
FY 2003 - 2015**



**Water Reduction Progress (KGal/KSF)
FY 2003 - 2015**





Renewable Energy

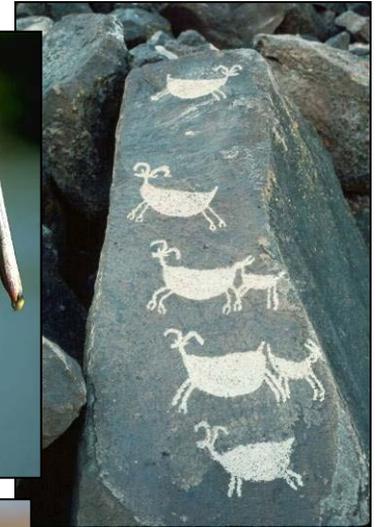
- **Wind**
 - 3 wind turbines on San Clemente Island (675 KW)
 - Install 9 wind turbines on San Nicholas Island for total capacity of 900 KW
- **Solar**
 - Currently 70 PV sites produce 7.5 MW
 - By end of 2011 - 8.5 MW total capacity
- **Bio-fuel**
 - 20% of our vehicles can use bio-fuel
 - All non-tactical trucks are using bio-diesel
- **40 Megawatt Photovoltaic Power Purchase via multiple award contract**
 - Developers finance, construct, own, operate, maintain -- sell power to Navy and Marine Corps
 - Costs < or = to current cost for conventional "brown" power
- **Geothermal**
 - NAWS China Lake has a 272 MW geothermal power plant
 - Evaluating three additional sites





World Class Resources & Stewardship Responsibility

- **Natural Resources**
 - Threatened or Endangered Species (51 of 302 in CA)
 - 17% of listed species in CA on 1.4% of the land
- **Cultural Resources**
 - China Lake Petroglyphs National Historic Landmark
 - Historic building districts on multiple CNRSW installations
 - 20,000 archaeological sites on operational ranges
- **Partnerships**
 - Cooperative partnership with State Historic Preservation Office
 - In-kind resource sharing by Navy interns supporting and expanding SHPO offices throughout California
 - Universities and Non-Governmental Organizations
 - Access to restricted areas for research
- **6 of 10 NRSW Installations were CNO Environmental Award Winners 2009, 2010**



National Defense operations continue while preserving critical species & habitat



Without Them We Are Nothing





Takeaway Points

- **America's Navy: A "global force for good" is executing the Maritime Strategy around the globe**
- **The Maritime strategy focuses on**
 - opportunities – not threats;
 - optimism – not fear;
 - and confidence – not doubt
- **Your Navy in the Southwest is growing**
 - 60% of the fleet will be in the Pacific Region
 - San Diego remains a Sailors homeport of choice