



# San Diego Navy Overview Brief

**CAPT Ted Carlson**  
**Commanding Officer, Naval Base San Diego**

**January 19, 2022**

**One Team, One Voice, One Mission**



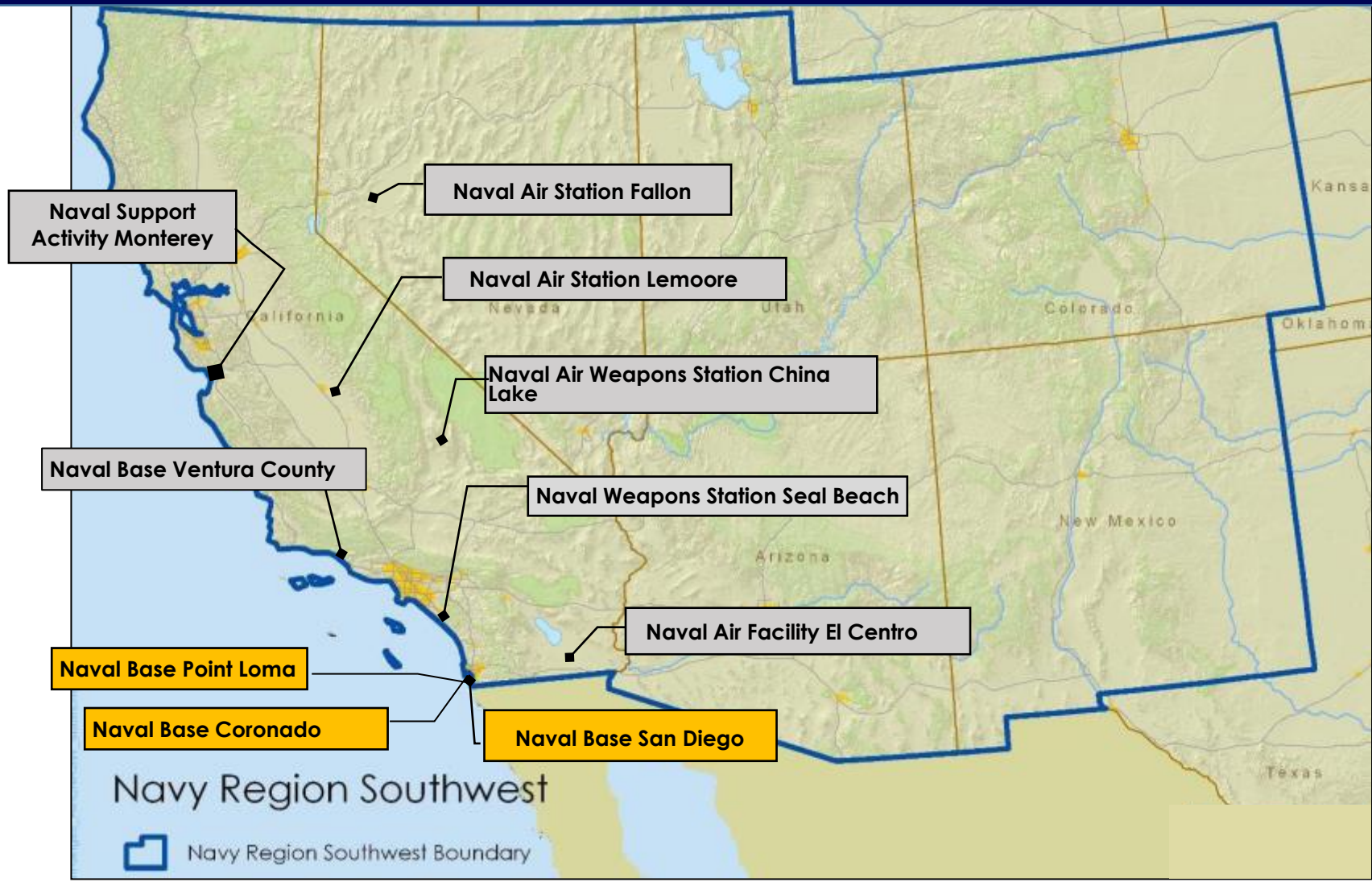
# Who We Are: Navy Region Southwest “By the Numbers”

- 10 Installations
- 189 Special Areas
- 17 Navy Support Operational Centers
- 11,000 buildings / structures
- 42 piers / wharves
- 19 runways, 61 hangars
- 8 small arms ranges
- 12,810 PPV housing units
- 139 UH buildings, 17,500 beds
- 22 childcare centers
- 17 school age / youth programs
- 2,600+ children enrolled
- 1.8 million acres
- \$800 million annual budget
- 10,000 employees
- 325,000 customers





# Navy Region Southwest Installations



NBSD, NBPL + NBC = Metro San Diego Installations



# National Defense Strategy Alignment (Metro San Diego)

## NB Coronado

### Third Aircraft Carrier

- For FY23 and FY24, increase of 1 Carrier for a total of 3 Carriers homeported.
- For FY22, 1 Carrier undergoing maintenance away from Coronado.

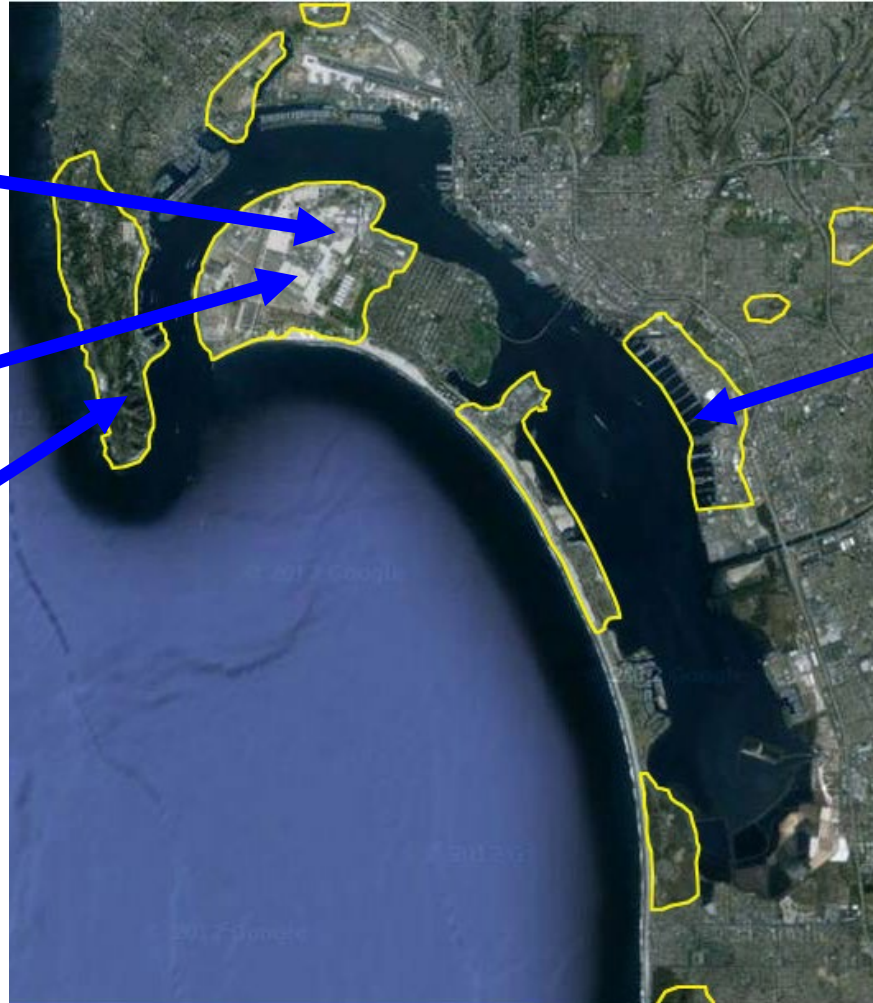
### CMV-22 Osprey Aircraft

- Replacing C-2A squadron with CMV-22B squadron (2020-2024)

## NB Point Loma

### Operational Growth

- Transitioning of submarine class from Los Angeles to Virginia class
  - 1 submarine



**Overall, 14% increase in operational units from FY21-FY26**

## NB San Diego

### Operational Growth separated by vessel class Thru FY2027

- Littoral Combat Ship Laydown:
  - Support Facility
  - Mission Module Readiness Center
  - 4 Ships
- Navy Destroyer Vessels
  - 5 Ships
- Amphibious Transport Dock Vessels
  - 2 Ships

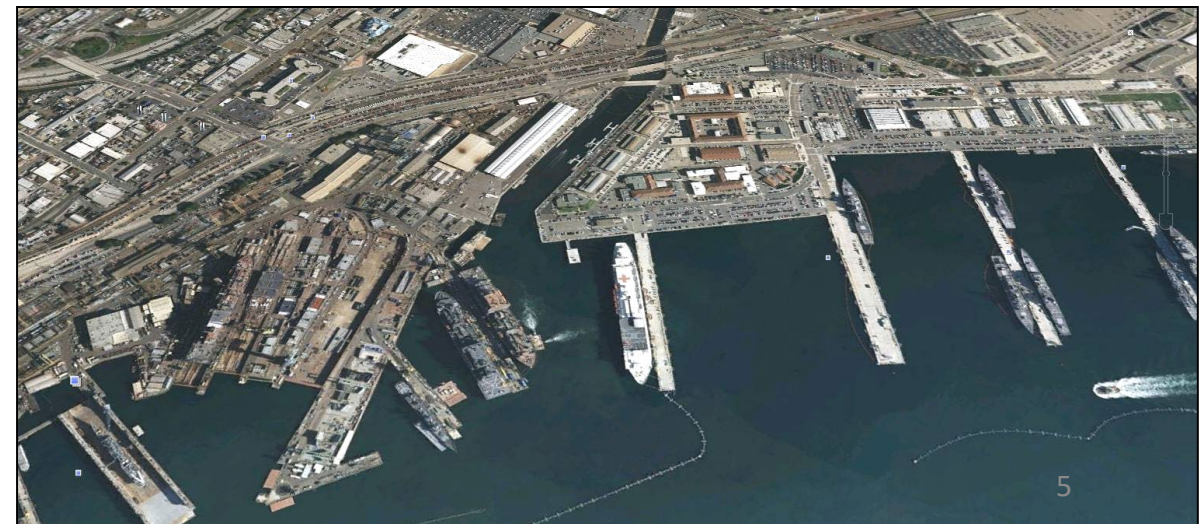
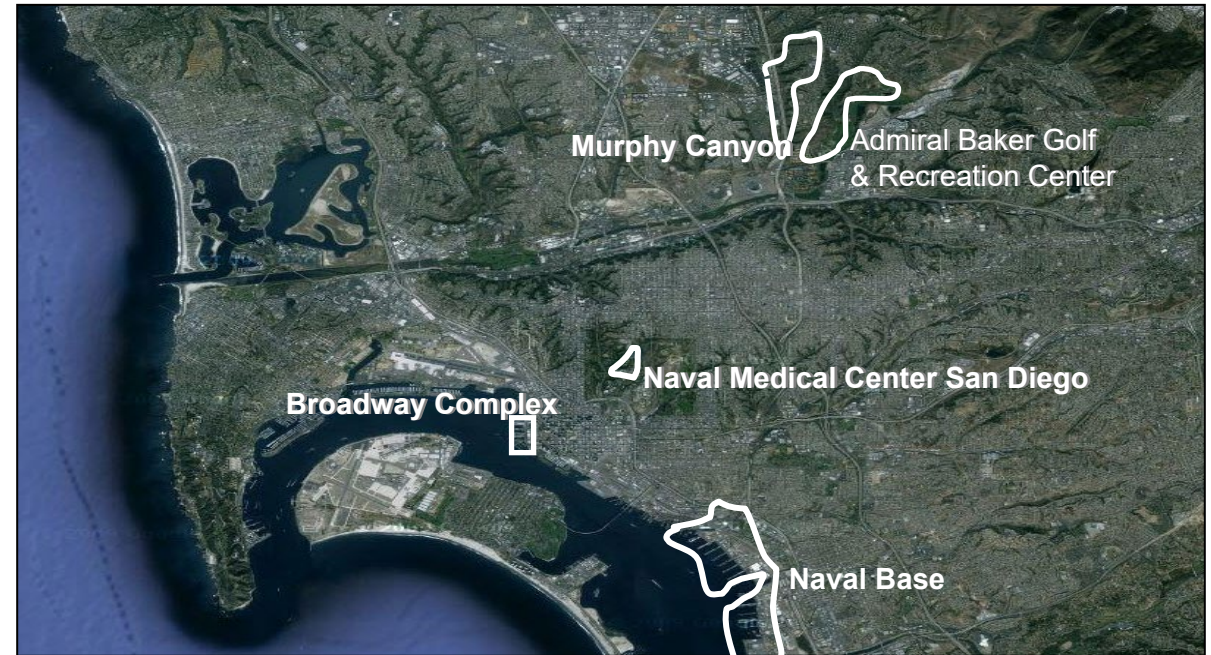
Ongoing Pier Recap Plans

Insufficient Dry Dock Capacity, MILCON P-508 Submitted POM23



# Naval Base San Diego

- **5 geographically dispersed locations plus housing areas**
  - NBSD Main Base
  - 750 Pacific Hwy/NAVFAC 1220
  - Admiral Baker
  - Balboa Hospital
  - Murphy Canyon
- **By the Numbers:**
  - 12 piers
  - 1,600 land acres and 326 water acres
  - 42,500 personnel
  - **73 Air Permits**
- **Mission Highlights**
  - Primary homeport of the Pacific Fleet, 58 warships
  - Vessel maintenance and operations
  - Navy Training School



~ 2020 SECNAV Sustainability Award Winner ~



# Naval Base Coronado

- **Nine military facilities**
  - San Clemente Island
  - NAB Coronado
  - NAS North Island
  - NOLF Imperial Beach
  - Silver Strand Training Complex
  - Camp Michael Monsoor
  - Camp Morena
  - SERE Camp Warner Springs
  - Naval Training Site Otay Mesa
- **By the Numbers:**
  - 57,000 acres
  - 36,000 service members, civilian employees and contractors
  - **183 Air Permits**



- **Mission Highlights**
  - Carrier Base
  - Naval Air Station
  - Special Warfare
  - Fleet Readiness



# Naval Base Point Loma

- **Three Primary Campuses**
  - Peninsula
  - Old Town
  - Harbor Drive
- **Other Locations**
  - Lindbergh Field
  - Balboa Avenue
  - Taylor Street
- **By the numbers:**
  - 17,000 personnel
  - 1,447 buildings, 8 piers
  - 1,901 acres
  - **86 Air Permits**
- **Mission Highlights:**
  - Submarine Base
  - Navy Fueling
  - Navy Research and Development

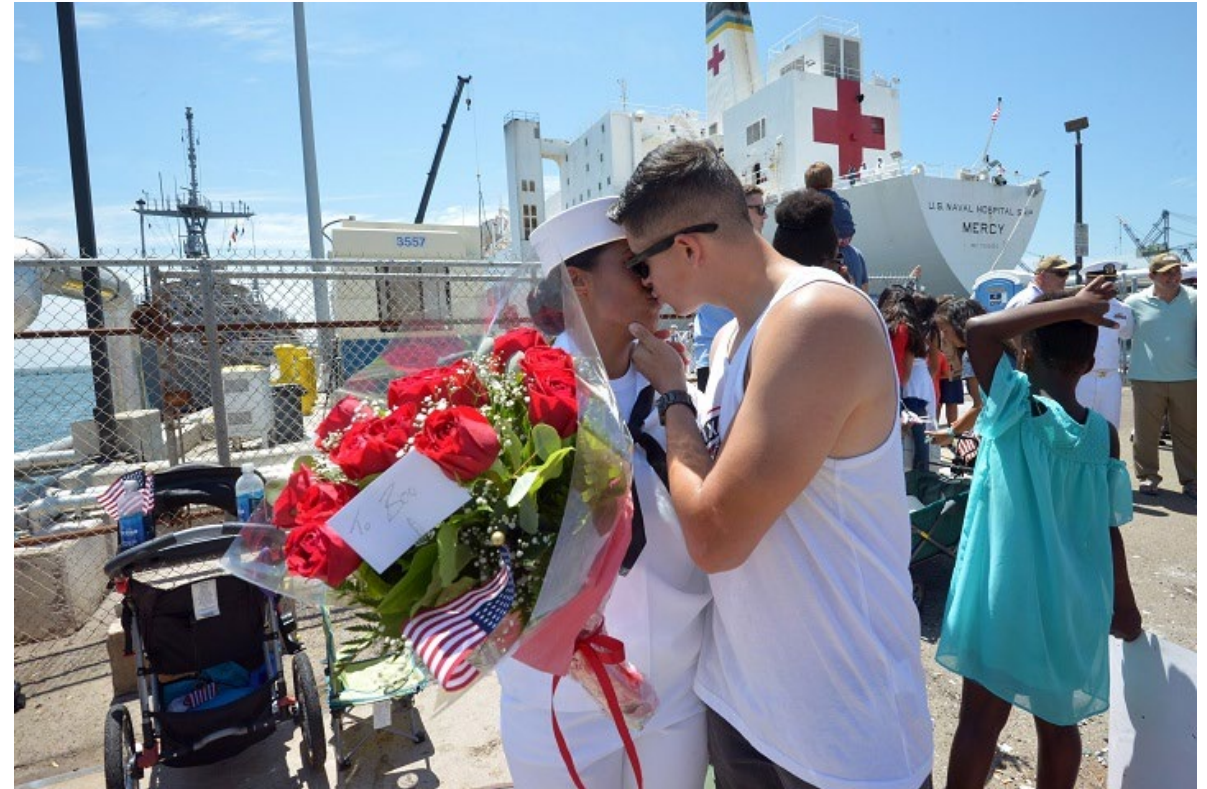


~ 2020 SECNAV Cultural Resources Management Award Winner ~



# Who We Are: San Diego is Home

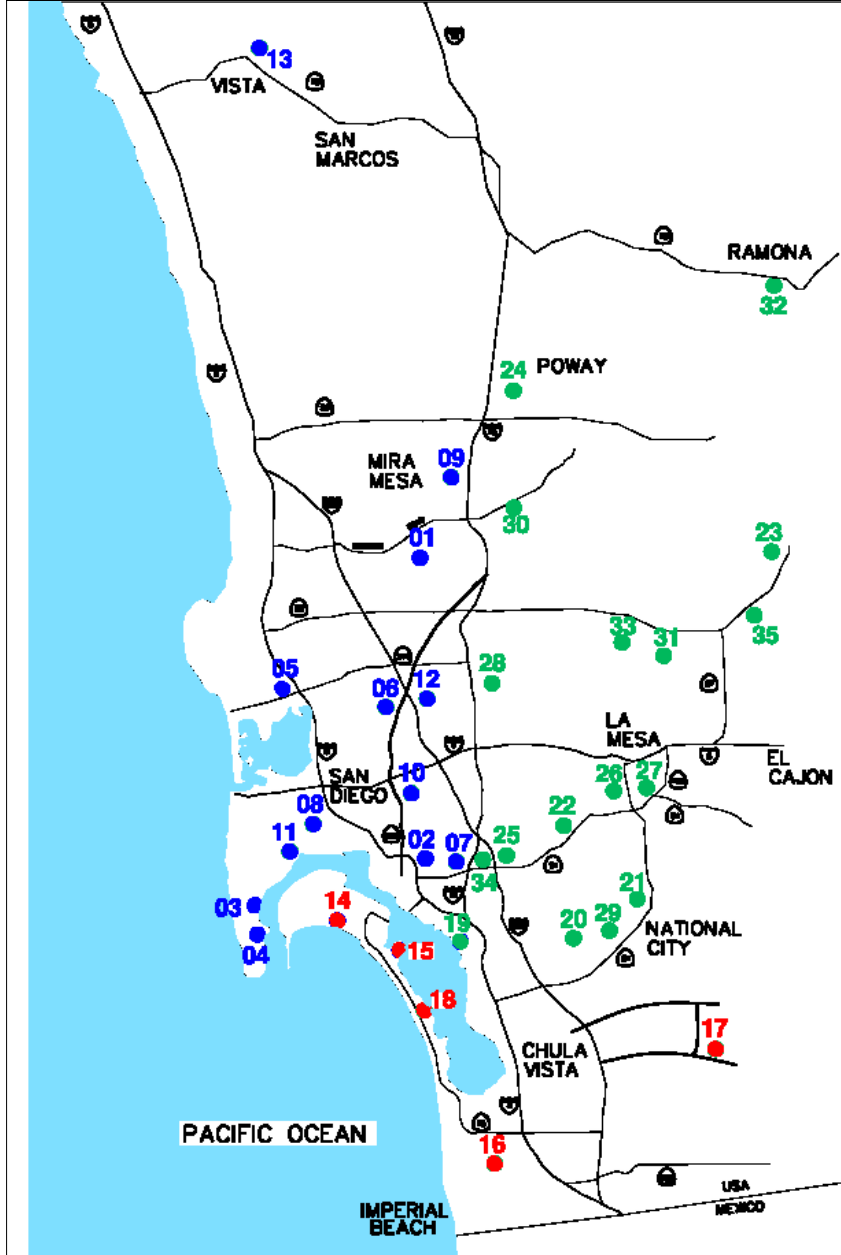
- Sailors, civilians, and contractors live and work throughout the County
- Community issues impact Sailors and their families:
  - housing affordability
  - transportation and transit
  - childcare access
- The Navy is committed to our ongoing partnerships throughout the Region







# San Diego Navy Family Housing: 8,608 Units



<u>Naval Base Point Loma</u>	<u>Units</u>
On-Station	12
Off-Station	2,942
<b>Total</b>	<b>2,954</b>

<u>Naval Base Coronado</u>	<u>Units</u>
On-Station	97
Off-Station	603
<b>Total</b>	<b>700</b>

<u>Naval Base San Diego</u>	<u>Units</u>
On-Station	6
Off-Station	4,948
<b>Total</b>	<b>4,954</b>

**Grand Total Units: 8,608**



# Military Impact to San Diego Economy

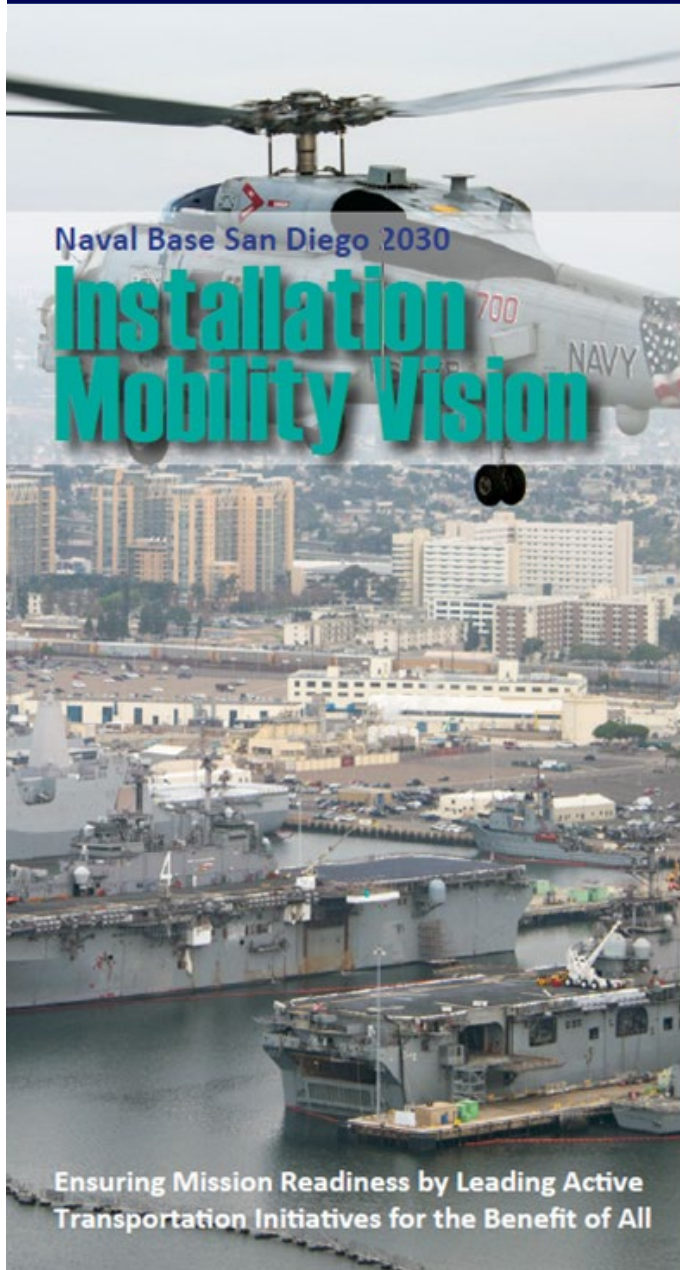
\*Information provided by San Diego Military Advisory Council's 2021 Military Economic Impact Report

- \$55.2 billion into the San Diego regional economy, or 25% of the SD economy.
- \$35.3 billion in direct military spending.
- Military employs 349,112 people in San Diego, or 23% of the SD economy.
- Aircraft carriers are a Top 10 employer in San Diego.
- Each aircraft carrier brings an estimated \$767 million to the region, employs over 3,000 sailors.
- The SDMAC Annual Military Economic Impact Study Reports are available online: <https://www.sdmac.org>





# Transportation and Transit



The Navy is pursuing smart basing and active transportation solutions to relieve traffic and support alternative transportation methods.

## Examples Include:

- Policies mandating on-base residents walk/bike
- Promote carpools/vanpools and public transit use
- Promote contractor shuttles
- Promote flexible schedules including telework
- Infrastructure Upgrades
- VESTA Bridge Construction Project

[https://www.sandiegocounty.gov/content/dam/sdc/apcd/PDF/AB\\_617/Naval Base San Diego 2030 Mobility Vision.pdf](https://www.sandiegocounty.gov/content/dam/sdc/apcd/PDF/AB_617/Naval_Base_San_Diego_2030_Mobility_Vision.pdf)



# Environmental Management: Best Practices



**Inspections**



**Ship Booms**



**Shrouding for Ship Repair Operations**



**Training and Outreach**



**NBSD Graving Dock**



**Storm Water Diversion**



# SD Metro Navy Air Quality Program

- 44 full time installation environmental staff members plus additional personnel support at the regional, tenant command, and contractor levels.
- Provide compliance/program support for afloat and shore commands
- Managing approximately 342 Air Permits
- NRSW Air Compliance Budget: \$1.6 million annually



# Sources of Emissions – Regulated Activities

- Emergency generators
- Fuel dispensing
- Corrosion control activities
  - Abrasive blasting
  - Coating
  - Adhesive operations
  - Stripping tanks
- Firefighting training
- Boilers
- Welding operations
- Off-road and on-road Vehicles





# We Are Committed to San Diego's Air Quality

- Transitioned to shore power in the 1980's – reduced emissions up to 98%
- Stationary units equipped with best available control technology, as applicable.
- 50-70% reduction in overall welding emissions over the last 20 years.
  - 70% reduction in hexavalent chromium emitting welding processes.
- Investing Funds to Reduce Mobile Source Emissions – since 2009
  - Robust program in place to comply with CARB Mobile Source Programs
  - Since FY10, Navy has spent/budgeted \$56.4M for clean vehicle purchases
- NBSD is actively participating in the AB617 process
  - Working with the APCD to establish an Air Monitoring Station at NBSD
- Metro Installations conducted full health risk assessments and perform ongoing screenings



# Looking Towards the Future

- The Nexus between Energy, Sustainability, Climate and Environment
  - **Executive Order 14057 Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability Federal (December 2021):** Pushing the Federal Government to lead by example in order to achieve a carbon pollution-free electricity sector by 2035 and net-zero emissions economy-wide by no later than 2050.
- We are always looking for creative opportunities to improve, including potential participation in the Low Carbon Fuel Standard (LCFS) Program.
- The Navy will continue pursuing electrification where feasible as a tool of mission resilience.







# Thank You

## Questions?

One Team, One Voice, One Mission