Overview of the Port of San Diego and the Maritime Clean Air Strategy (MCAS)

July 16, 2021

Jason Giffen, Vice President, Planning & Environment
Mike LaFleur, Vice President, Maritime
Port of San Diego
Granted Lands

34
miles of waterfront

2,404
acres of Port Tidelands

3,677
acres of Submerged Tidelands prior to January 1, 2020

Approximately
8,300
acres of new Submerged Tidelands (subject to survey) as of January 1, 2020
Port of San Diego’s Mission

The Port of San Diego will protect the Tidelands Trust resources by providing economic vitality and community benefit through a balanced approach to the maritime industry, tourism, water and land recreation, environmental stewardship and public safety.

- 2 marine terminals
- 5 public piers
- 9 museums & attractions
- 18 hotels
- 22 parks
- 70 artworks
- 78 restaurants
- 80+ sponsored events
Community Air Protection Program

AB 617 – Community Air Protection Program

AB 617 Portside Community

Community Emissions Reduction Program (CERP), 2019:

- Focus and accelerate new actions that go beyond existing programs
- Steering Committee to guide development of the program
Complementary Efforts

**AB 617 CERP**
- Multi-jurisdictional plan for the region
- Portside Community focus
- Accelerate new actions beyond existing programs

**Port’s MCAS**
- Complementary Port Strategy
- Focus on Health, Environment, and Maritime Operations
- Accelerate Zero Emission Solutions
Draft Maritime Clean Air Strategy

VISION: HEALTH EQUITY FOR ALL

GOAL: 100% Zero Emission Trucks and Equipment by 2030

Emission Sources

- Cargo Handling Equipment
- Commercial Harbor Craft
- Shipyards
- Heavy Duty Trucks
- Port of San Diego Fleet
- Oceangoing Vessels
- Rail

Stakeholder Priorities

- Community Enrichment
- Public Health
- Enabling

Specific Goals and Objectives (2021 to 2026)

Projects, Partnerships, and Studies

Approximately 34 separate initiatives

Primary Benefit

Cleaner Air

Co-Benefit Examples

- Knowledge & Capacity Building
- Urban Greening
- Jobs
- Ambient Noise Reduction
- Education & Training
- Access to Bay
- Ecosystem Enhancement
- Improved Health
Complementary Efforts

AB 617 CERP Concepts

- Urban Greening Projects
- Reporting and Monitoring
- Stationary Sources
- Electric School Buses
- Blue Line Trolley Elevation
- Enforcement of Emission Rules and Regulations
- Land Use / Zoning
- Best Practices / Procedures to Reduce Emissions at Shipbuilding facilities

Health Risk Assessment

- Residential Air Filters
- Zero Emission Trucks and Equipment
- Public-Facing EV Charging for MD/HD Trucks
- Indirect Source Rule

Harbor Drive ITS & Flexible Lane Upgrades

Shore Power Expansion at Cruise Ship Terminal

Rail

Greenhouse Gas (GHG) Emission Reductions

Low Carbon Fuel Standards (LCFS) Credits

Harbor Craft (Tugs and Ferries)

Port’s MCAS Concepts
Public Engagement Timeline

(Started Oct. 2018)

AB 617 Steering Committee (Meets monthly)

AB 617 CERP Subcommittee (12 meetings)

# = meeting and number of attendees

MCAS Discussion Draft 4 weeks


Board reviews MCAS Strategy

Board reviews MCAS Strategy

Board check-in

Board Direction

Board Direction

TRUCK SUBCOMMITTEE

PORT SUBCOMMITTEE

MCAS SUBCOMMITTEE
Next Steps

- **August 2021:**
  - Second Public Review Period for Draft Revised MCAS
  - Virtual Workshop

- **October 2021 BPC Items:**
  - MCAS Consideration
Maritime Mission

To strengthen our region through growth of cargo, cruise and maritime industrial business lines while ensuring a clean, safe and secure environment.

4th Largest of the 11 California Ports
2 Cargo Terminals
2 Cruise Terminals
1 of 17 U.S. Strategic Ports
ECONOMIC ENGINE

$9.4 BILLION OVERALL ECONOMIC IMPACT

2017 Economic Output per Port Industry

- $2.7 Billion is generated by waterfront industrial and maritime commerce
- $2.9 Billion is generated by waterfront tourism and commercial activity

44,300 Jobs on the Waterfront...

- including shipbuilding and cargo handling, commercial fishing, tourism and hospitality jobs.

One in 30 Jobs in San Diego Count is Generated by the Port

- The impact on employment extends beyond the waterfront and 3% of San Diego County’s economic output is attributable to the Port

70,000 Total Jobs...

- including waterfront jobs and jobs generated throughout the region by business operations on the waterfront.
Port Tidelands
Electrification Locations

- Cruise Ship Terminal
- Tenth Avenue Marine Terminal
- National City Marine Terminal
- General Services- National City
- National Distribution Center
Electrification Implementation

Categories List

• Cargo Handling Equipment
• Port Vehicle Fleet
• Shorepower – Landside Infrastructure
• Clean Freight Corridor – ZEV Trucks and Charging Infrastructure
• Commercial Harbor Craft
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