

# MSTRS Ports Workgroup Update to the Clean Air Act Advisory Committee

June 29, 2016



# Charge for the MSTRS Ports Initiative Workgroup

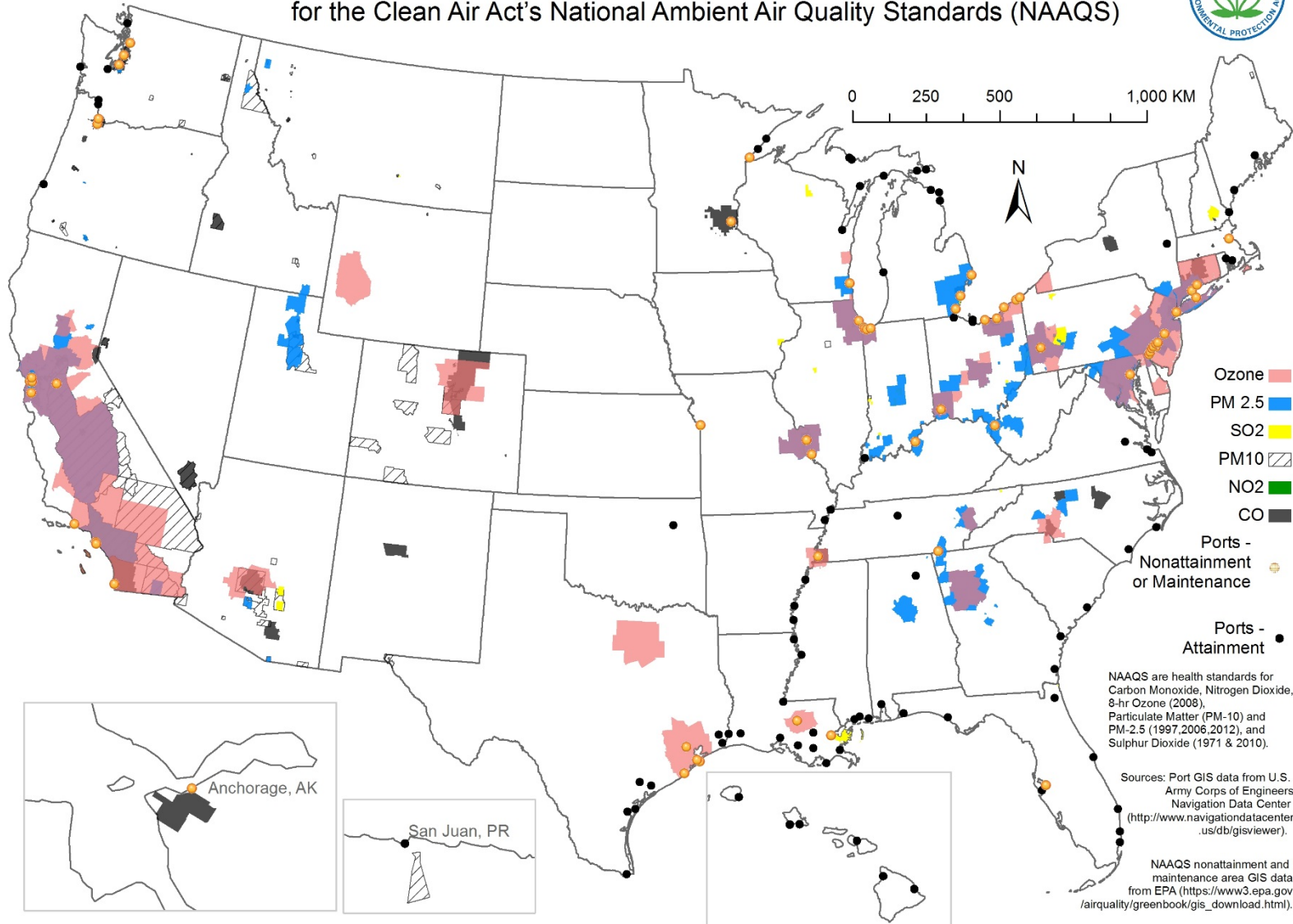
EPA asked MSTRS for recommendations on:

- Development of an EPA-led voluntary environmental port initiative
- How to effectively measure air quality and GHG performance of ports and/or terminals within ports

The workgroup should consider:

- Past MSTRS and other recommendations
- Existing port environmental improvement programs
- Ports in the context of the broader transportation supply chain
- Information from EPA's Assessments as available

# Ports in Areas Designated Nonattainment or Maintenance for the Clean Air Act's National Ambient Air Quality Standards (NAAQS)



# “Ports” are complex legal & operational systems.

- **Port Authority**
  - Government-established entity
  - May be “Landlord,” Operating or both
  - Financial and legal responsibilities
  - Environmental requirements for expansions, changes and as needed due to policies, or by government or tribal agencies programs.
  - Some have or are developing environmental strategies, inventories and programs
  - The “convening” entity
- **Other port operators**
  - Marine terminals (cargo and passenger)
  - Private terminals, Pilots, tugs and harbor craft
  - Energy and fuel suppliers
  - Dredging/maintenance/construction
  - On/near-port railyards and warehouses
  - Satellite port facilities
  - USCG, CBP and other governmental entities
  - (On-port manufacturing was excluded from study)
- **Port facility visitors/users**
  - Ocean/lake/river-going vessels and barge services
  - Rail carriers
  - Trucking companies
  - Supply deliveries
  - Workers for all entities
  - Passengers
  - Military vessels may/ay not be included
- **Others impacted**
  - Surrounding community and tribes
  - Other governmental entities (federal, state, local and tribal)
  - Cargo owners, shippers and recipients
  - Marine or land-based ecosystems
  - Fishermen, offshore oil and suppliers, recreational users

# MSTRS Ports Workgroup

Co-chairs:	Lee Kindberg, Maersk Line, and Sarah Froman, EPA
Ports:	Maryland, Charleston, Long Beach, New Orleans, Virginia
Terminals:	Ports America
Shippers:	Cargill, Walmart, HP
Equipment:	Caterpillar, Manufacturers of Emission Controls Association
Rail:	Burlington Northern Santa Fe
Trucking:	Evans Delivery
Port Communities:	East Yard Communities for Environmental Justice, Southeast CARE Coalition, Steps Coalition
Tribes:	Fond du Lac Air Program
NGOs:	Environmental Defense Fund, Natural Resources Defense Council
Research/analysis:	International Council on Clean Transportation
Government:	New Jersey DEP, SC DHEC (voting) and MARAD, CMTS (non-voting)
Non-voting:	American Association of Port Authorities, Bruce Anderson*
EPA Support	OTAQ, Office of Environmental Justice, Office of Water Region 1, Region 2, Region 6, Region 9

\* The Workgroup wishes to thank Bruce Anderson for volunteering his knowledge and expertise in the area of port-related emissions inventories, metrics, and methodologies.

# Workgroup Process

- Subgroups assessed needs/opportunities and developed recommendations:
  - Definition/Scope of a Port
  - Technology Implementation and Barriers
  - Federal Agency Coordination
  - Port Inventories and Metrics
  - Strategies for Community-Port Engagement
  - Program Design/Structure
- The Port Initiative Workgroup worked to create a report that reflects the viewpoints of all Workgroup members. Where opinions differed on particular recommendations, the differing points of view are discussed, and these recommendations are identified with an asterisk (\*).
- One idea was considered out-of scope or non-consensus.

Overarching recommendation:  
*EPA should establish a voluntary ports environmental performance program.*

- Intent: Drive continuous improvement by
  - providing access to resources and tools,
  - sharing expertise on freight and passenger movement and port-related health impacts,
  - better aligning federal agency programs and funding, and
  - advancing the adoption of clean, innovative technologies and operational strategies.

# Other Recommendations:

## *6 Focal Areas of Program*

- Emission Reduction Strategies
- Community-Port Engagement Tools
- Coordination with Relevant Government Programs
- Increasing and Targeting Funding
- Information Clearinghouse and Communications
- Inventories and Metrics



# Report to MSTRS

- DRAFT Report was provided to MSTRS for review on June 2, and presented June 16.
- MSTRS approved the report with minor edits, and voted to send it forward to the CAAAC with a cover note emphasizing certain points.

# Next steps

1. Finalize report edits and MSTRS cover note for transmittal to CAAAC
2. Presentation to CAAAC on call later this summer (targeting August)
  - Plan to share report with CAAAC at least 3 weeks in advance
  - Request CAAAC comments or questions in advance of call
  - Incorporate CAAAC comments on report, if any
  - CAAAC discussion and vote on call; public opportunity to listen
3. CAAAC submits final recommendations to the Administrator