

NOx Standards for New Ship Engines

Keep 2016 as Implementation Date

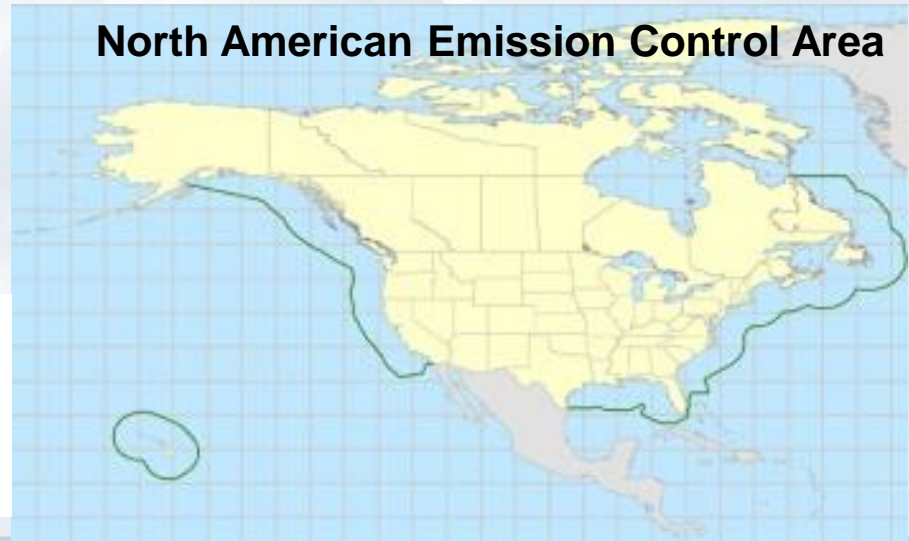
**Board of Directors
Santa Barbara County
Air Pollution Control District**

**Mary Byrd
Public Information Officer
June 20, 2013**

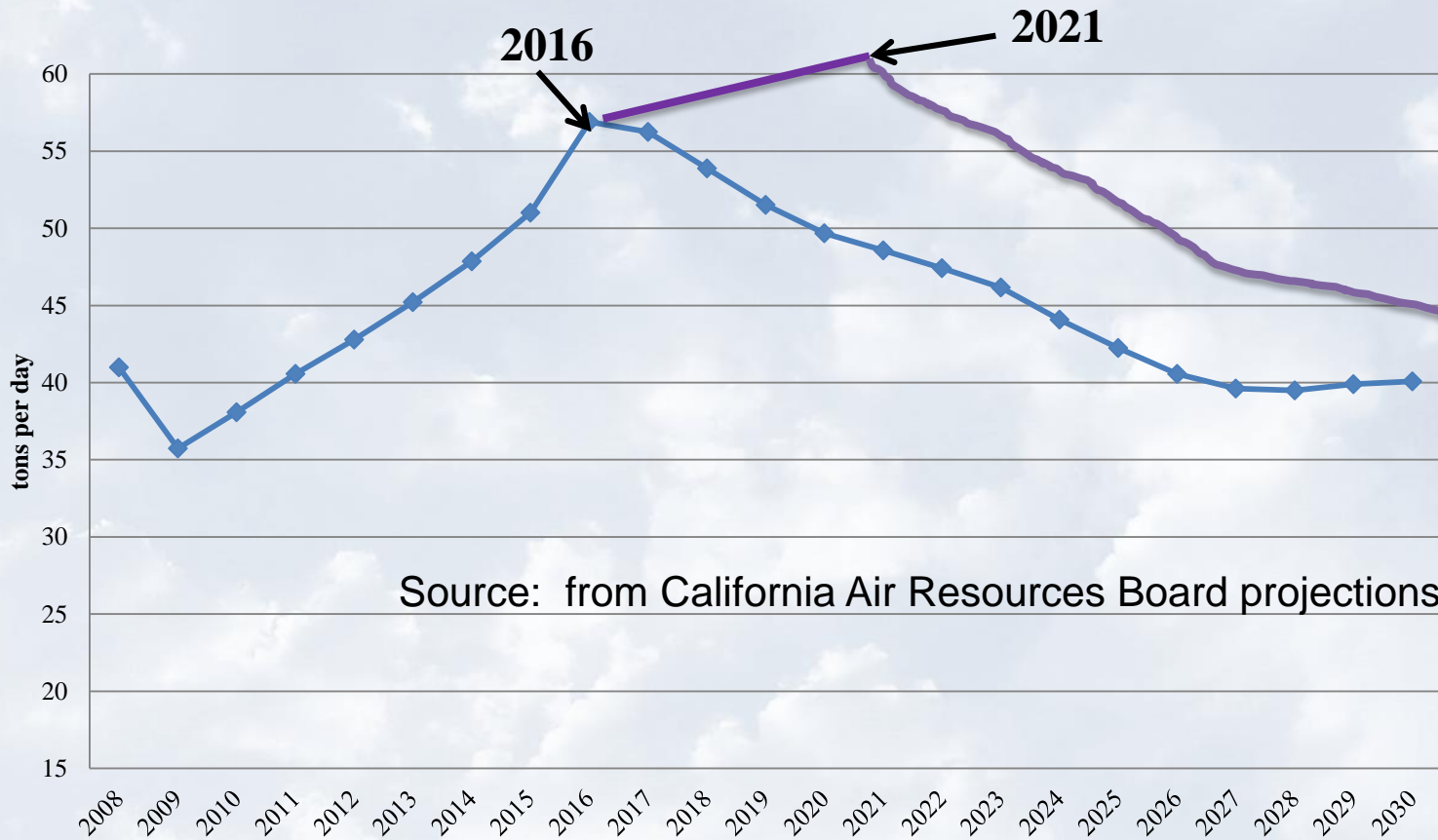


Overview

- Mostly foreign-flagged ships off our coast
- Outside our authority; International Maritime Organization (IMO) regulates
- IMO to implement NOx standards for new ship engines in Emission Control Areas in 2016
- Delay to 2021 was proposed



Marine Shipping NOx Emissions Trend (If NOx Control Delayed to 2021)



Source: from California Air Resources Board projections

Proposed Board Action

- Authorize Chair to sign letter to U.S. delegation to the IMO
 - Urge strong efforts to oppose 5-year delay, retain original deadline of 2016

