## Notes on CARB at-berth emissions regulation

* <https://ww2.arb.ca.gov/our-work/programs/ocean-going-vessels-berth-regulation/about>
* <https://ww2.arb.ca.gov/resources/fact-sheets/control-measure-ocean-going-vessels-berth>
* Original at-berth regulation (2007) applies to:
  + Ports of Los Angeles, Long Beach, San Diego, Oakland, San Francisco, Hueneme
  + Container ships, passenger ships, refrigerated cargo (reefer) ships.
* Original regulation brought emissions down by 80% by 2020 (can’t find what the baseline levels this is relative to – maybe 2007 levels?)
* Updated regulation (2020) applies to:
  + Same ports as original
  + Container ships, passenger ships, reefers, roll-on/roll-off vessels starting in 2025, tankers starting in 2027
* Updated regulation reduces emissions by 90% of baseline levels.
* Unclear how this applies to OSW vessels, as deck carrier vessels are a type of cargo vessel which doesn’t seem to be addressed by this regulation.