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Applicant Name: Oxnard Harbor District - The Port of Hueneme

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Section 1. Applicant Information & Proposal description

A. Project proposal

The Port of Hueneme is proposing to use a CAECS Emission Capture and Control System (bonnet system) for non-shore-power capable RO/RO vessels at-berth prior to January 1st, 2025. The bonnet system will be implemented at the Port of Hueneme’s North Terminal. The bonnet system will remove the required pollutants by physical and chemical filtration as required by the At-Berth regulations.

Section 2: Emission Reduction

A. Emissions Calculations

Estimate maximum vessel emissions planned to be covered under the innovative concept for the following pollutants per section 93130.5 (d). In 2024 it is estimated that the following emissions reductions could be achieved:

Pollutant	Number of vessels	Average hours at-berth/call	kw-hr	g/kw-hr	Grams per call	Total (g)
NOx	170.00	26.25	52,500.00	13.80	724,500	123,165,000
PM 2.5	170.00	26.25	52,500.00	0.03	1,575	267,750
ROG	170.00	26.00	52,500.00	0.10	5,250	892,500

B. Record Keeping

The bonnet system’s pollutant removal performance data will be established between the bonnet system owner/operator and CARB as part of the CARB approval process and issuance of their executive order. Once the bonnet system is approved for use, the record keeping related to the number of calls and hours of emissions controlled will be maintained by the bonnet owner/operator and the Port of Hueneme.

Section 3: Memorandum of Understanding

A Memorandum of Understanding or similar agreement between the applicant, any funding partners (if more than one entity is providing funding), owners and operators of controlled equipment for the innovative concept that shows agreement regarding the innovative concept’s scope and requirements for



using the innovative concept in compliance with this Control Measure will be established. The Memorandum of Understanding or similar agreement will be approved by the Executive Officer and will be in place prior to the start date of the innovative concept compliance period.

A. Project timeline

The proposed bonnet system is anticipated to commence utilization on or about January 1, 2024.

Section 4: Environmental Review

A. Permits

If required, the Port of Hueneme or bonnet system owner/operator will secure a Ventura County Air Pollution Control District permit for the system prior to operation.

B. Environmental Review

No environmental review is required for the bonnet system operation.

C. Requirements

The proposed innovative concept meets all eligibility and applicability requirements in subsection 93130.17 (a).