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# Los Angeles Marine Emission Reduction Project – City of Long Beach Memorandum of Understanding (MOU)

Presented by:

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Management

Presented to:

Board of Harbor  
Commissioners

May 6, 2025



# Board Item for Consideration

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Staff requests Board approval of:

- Memorandum of Understanding (MOU) between the City of Los Angeles Harbor Department and the City of Long Beach to provide support for the Los Angeles Marine Emission Reduction (LA MER) Project
  - Provides \$340,000 in match funding
    - \$250,000 for Technology Evaluation
    - \$90,000 in-kind services for harbor tours

# Previous Board Action (January 2025)



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Approval of:

- Grant Agreement with the California Air Resources Board (CARB) for the Los Angeles Marine Emissions Reduction Project (LA MER)
  - \$30,980,376 in funding from CARB
  - \$31,471,492 in matching funds and in-kind contributions
    - Harbor Department will be financially responsible for \$650,000 of the matching funds
- Subrecipient Agreement with Catalina Channel Express (CCE)
  - Passenger Ferry with Tier 4 Engines and DPF
- Subrecipient Agreement with Harbor Breeze Corp. (HBC)
  - Two Zero-Emission Capable Hybrid Excursion Boats

# Next Generation Harbor Craft Technology Evaluation

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- Development of a report on Next Generation Harbor Craft Technology that will:
  - Evaluate the commercial status of emission-reduction technologies;
  - Assess the feasibility of marinizing DPFs;
  - Identify infrastructure gaps for ZE harbor craft;
  - Gain understanding of workforce development needs specific to tugs, ferries, and pilot boats operating in San Pedro Bay
- Based on the MOU with the City of Long Beach:
  - The report will be equally funded by the Harbor Department and the City of Long Beach (\$250,000 each for a total of \$500,000)
  - The Harbor Department and the City of Long Beach each committed to sponsor education/outreach tours on the deployed HBC Excursion Boats (in-kind \$90,000 each for a total of \$180,000)

# Staff Recommendation

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## Project Goals:

- Advance the understanding of cutting-edge harbor-craft technologies for the future
- Evaluate next-generation technologies that could be feasible for tugboats, ferries, and pilot vessels operating in San Pedro Bay
- Provide harbor tours as in-kind match

Staff recommends to approve the MOU with the City of Long Beach.



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THANK YOU



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