



## List of Special Studies

### DISCLAIMER

The following is a list of draft technical studies to inform the design and environmental permitting for the Project. Not all of these studies will serve as supporting studies for CEQA; some are exclusively for design purposes. The documents are a work-in-progress and intended to be internal documents for use by the Humboldt Bay Offshore Wind Heavy Lift Marine Terminal Project team as a part of the conceptual design process and the ongoing permitting process. These documents are meant to be read as a part of a comprehensive packet of technical analyses. They are not written to be a standalone documents and it is assumed that the reader has substantial project knowledge and context to understand the content provided in the documents. All aspects of these documents are subject to change and may become less accurate over time. Some previously conducted studies are out-of-date and/or no longer relevant.

### STUDIES IN PROGRESS

The following studies are in progress. They include new studies and updates to existing studies. Many of these studies will integrate information from previous studies and will serve as a more comprehensive document to inform design decisions and permitting. They will be provided to the CEQA team for analysis in September 2026 and most will be available for public review as attachments to the Draft Environmental Impact Report in April/May 2027. Items with an asterisk will inform different processes (i.e., design, permitting and NEPA). Design documents may be available after the publication of the CEQA Notice of Preparation (August 2026). Studies informing the permitting process are subject to agency review and approval timelines.

- Offsite biological mitigation screening memorandum
- Cultural/archaeological analysis
- Section 106 documentation\*
- Noise and vibration analysis
- Marine resources impact assessment
- In-water noise assessment
- Air quality assessment
- GHG analysis
- Biological assessments – Endangered Species Act and Essential Fish Habitat, Migratory Bird Treaty Act, and Bald and Golden Eagle Protection Act\*
- Traffic study
- Hydrologic and stormwater analysis surveys and studies\*
- State Aquatic Resources Delineation – update\*
- Federal Aquatic Resources Delineation – update\*
- Terrestrial Biological Report – update
- Basis of Design – update\*
- Navigation assessment\*



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The following studies have been presented to the Harbor District for review. Some are working documents that will be integrated into studies in progress. Others are no longer relevant. All are subject to change. Previously submitted studies are available on the Project webpage on the Harbor District website: [humboldt-bay.org/humboldt-bay-offshore-wind-heavy-lift-marine-terminal-project-3](http://humboldt-bay.org/humboldt-bay-offshore-wind-heavy-lift-marine-terminal-project-3).

### PREVIOUSLY SUBMITTED – BIOLOGICAL STUDIES

- Impacts Assessment for Marine Resources Technical Memorandum (2024)
- Pile Removal and Driving Sound Assessment (2023)
- Terrestrial Biological Report (2024)
- Preliminary Osprey and Bat Survey Results Report (2022)
- Preliminary Special Status Species Survey Report (2022)
- Preliminary Environmentally Sensitive Habitat Area Results (2022)
- Conceptual Environmentally Sensitive Habitat Area Mitigation Plan (2024)
- Shorebird Special Studies and Site Surveys Memorandum (2023)
- Preliminary Special Status Terrestrial Wildlife and Habitat Survey Results Report (2022)
- Federal Aquatic Resources Delineation (2023)
- Preliminary Wetland Delineation Results (2022)
- State Aquatic Resources Delineation (2024)

### PREVIOUSLY SUBMITTED – PRELIMINARY ENGINEERING DESIGN/ENGINEERING STUDIES

- Preliminary Basis of Design (2022)
- Wharf Layout Memorandum (2024)
- Utilities Assessment (2024)
- Stormwater Treatment Memorandum (2024)
- On-Site Drainage Memorandum (2024)
- Off-Site Drainage Memorandum (2024)
- Infiltration Testing Results Summary Memorandum (2024)
- Conceptual Site Civil Design Summary (2022)
- Terminal Access Roads Assessment (2024)
- Preliminary Title Constraints Analysis Report (2024)
- Terminal Permitted and Future Operations Memorandum (2024)
- Wet Storage Capacity Analysis Memorandum (2024)
- Shore Protection Design Memorandum (2024)
- Assessment of Samoa Federal Channel Anchoring Restrictions (2024)
- Tidal Hydrodynamics and Sedimentation Modeling (2024)
- Coastal Hazards Analysis Memorandum (2024)
- Wharf Pile Type Selection Memorandum (2024)
- Supplemental Geotechnical Data Report for 2023 On-Land Investigation (2024)
- Preliminary Site-Specific Acceleration Response Spectra Recommended for Seismic Design (2022)
- Marine Geotechnical Drilling Program Assessment (2024)
- Preliminary Geotechnical Data Report (2022)
- Humboldt Marine Terminal Electrical Loads Technical Memorandum (2022)
- Electrical Infrastructure and Green Port Preliminary Design Technical Memorandum (2024)
- Electrical Infrastructure and Green Port Conceptual Engineering Assessment Memorandum (2022)
- Dredge Characterization Sampling and Analysis Plan Considerations (2024)
- On-Site Workforce Quantity (2024)
- Dense Grade Aggregate Sourcing Memorandum (2024)
- Constructability Memorandum (2024)
- Bay Navigation Assessment (2024)