

Humboldt Bay Offshore Wind Heavy -Lift Marine Terminal Project

NOP SCOPING MEETING

Shelly Anghera, PhD - M&N
Sally Zeff, AICP - ICF

November 4 -5, 2026

WELCOME AND INTRODUCTION



Conceptual information presented for CEQA review and public discussion; not a final design or environmental determination.

ENVIRONMENTAL TEAM

Moffatt & Nichol is the Primary Consultant supported by a team of environmental professionals supporting biological, cultural, geological, noise, air quality, and other technical studies.

ICF is leading development of the CEQA document.

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GHD

ICF

integral consulting inc.

hmmh

SHN

Roscoe & Associates
Cultural / Tribal Resources

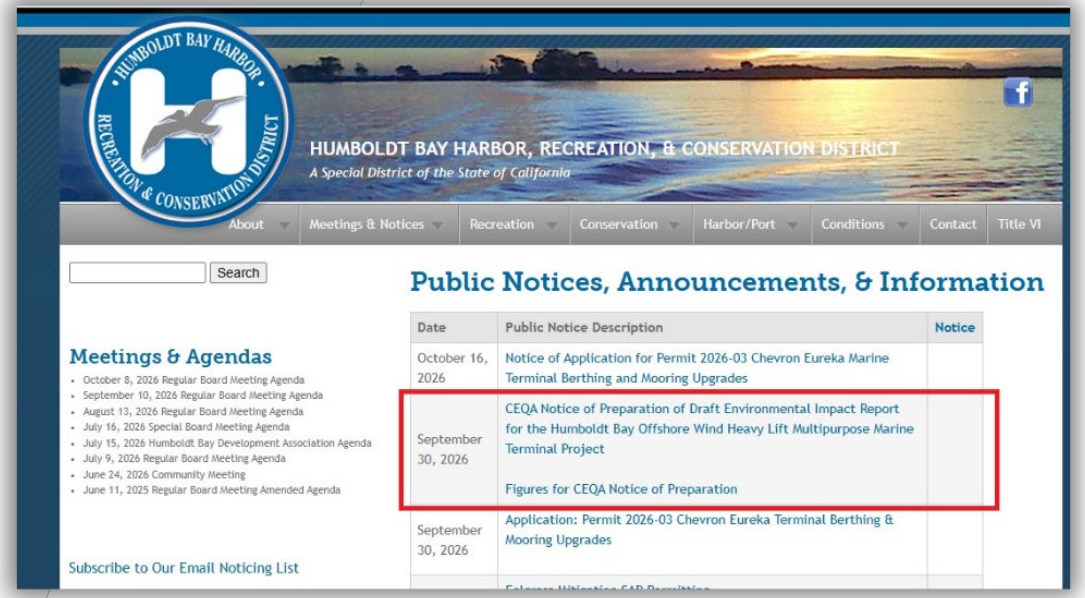
Cal Poly Humboldt
Schatz Energy
Research Center

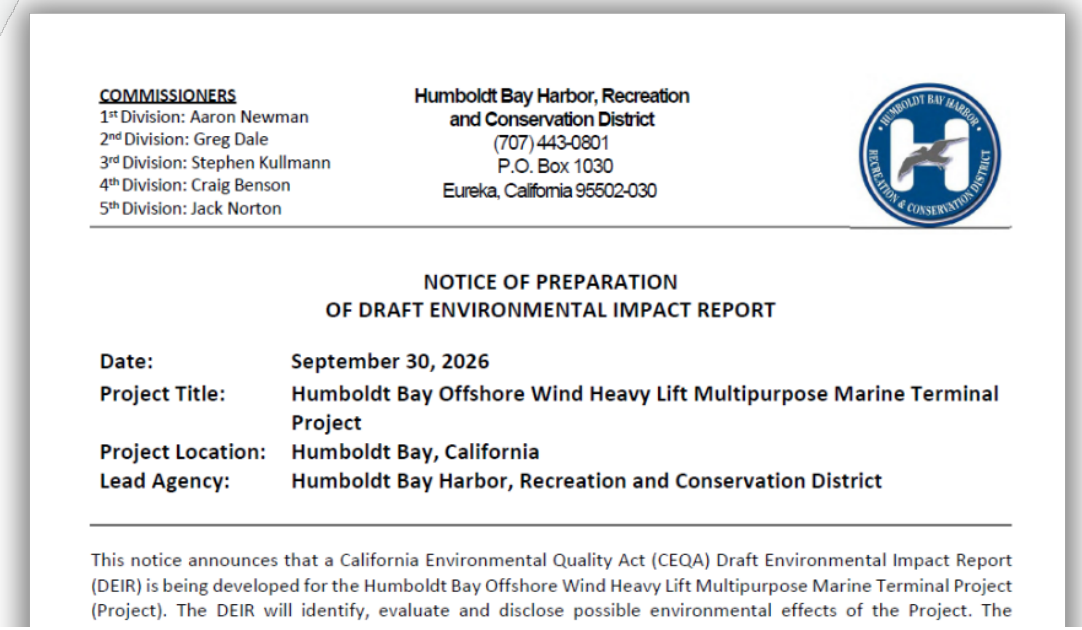
W-Trans

purpose

1. Explain the CEQA Review Process
2. Summarize environmental topics to be evaluated in the DEIR
3. Re- Introduce the proposed project
4. Provide instruction on how to submit comments on the NOP

This is a scoping meeting, not a hearing on project approval. No decisions regarding project approval will be made and no actions will be taken at this meeting.





COMMISSIONERS
1st Division: Aaron Newman
2nd Division: Greg Dale
3rd Division: Stephen Kullmann
4th Division: Craig Benson
5th Division: Jack Norton

Humboldt Bay Harbor, Recreation and Conservation District
(707) 443-0801
P.O. Box 1030
Eureka, California 95502-030

NOTICE OF PREPARATION OF DRAFT ENVIRONMENTAL IMPACT REPORT

Date: September 30, 2026
Project Title: Humboldt Bay Offshore Wind Heavy Lift Multipurpose Marine Terminal Project
Project Location: Humboldt Bay, California
Lead Agency: Humboldt Bay Harbor, Recreation and Conservation District

This notice announces that a California Environmental Quality Act (CEQA) Draft Environmental Impact Report (DEIR) is being developed for the Humboldt Bay Offshore Wind Heavy Lift Multipurpose Marine Terminal Project (Project). The DEIR will identify, evaluate and disclose possible environmental effects of the Project. The

CEQA REVIEW PROCESS



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CEQA process

1. **Notice of Preparation and Public Scoping Period**
   NOP Comment Period (September 30 – December 7, 2026).
2. **Draft EIR Preparation**
   The DEIR will take into account issues raised in NOP comments.
3. **Draft EIR Public Review**
   DEIR Comment Period (Spring/Summer 2027).
4. **Response to Comments**
5. **Final EIR and Certification**
6. **Project Consideration**



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Offshore wind farms and energy transmission are not part of this Project/EIR

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Environmental issues to be addressed in Draft EIR

• Aesthetics	• Mineral Resources
• Agriculture / Forestry Resources	• Noise
• Air Quality	• Population / Housing
• Biological Resources	• Public Services
• Cultural Resources	• Recreation
• Energy	• Transportation
• Geology / Soils	• Tribal Cultural Resources
• Greenhouse Gas Emissions	• Utilities / Service Systems
• Hazards and Hazardous Materials	• Wildfire
• Hydrology / Water Quality	• Cumulative Effects
• Land Use and Planning	• Growth Inducing Effects

Public scoping meetings

The District will hold scoping meetings to provide opportunities for agency staff and interested members of the public to submit comments on the scope of the environmental issues to be addressed in the DEIR.

- Written comments regarding relevant issues may be submitted at the designated comment station during the meetings.
- Verbal comments (made in person only) will be transcribed at the public meetings
- Submitting written comments highly encouraged.

November 4, 2026

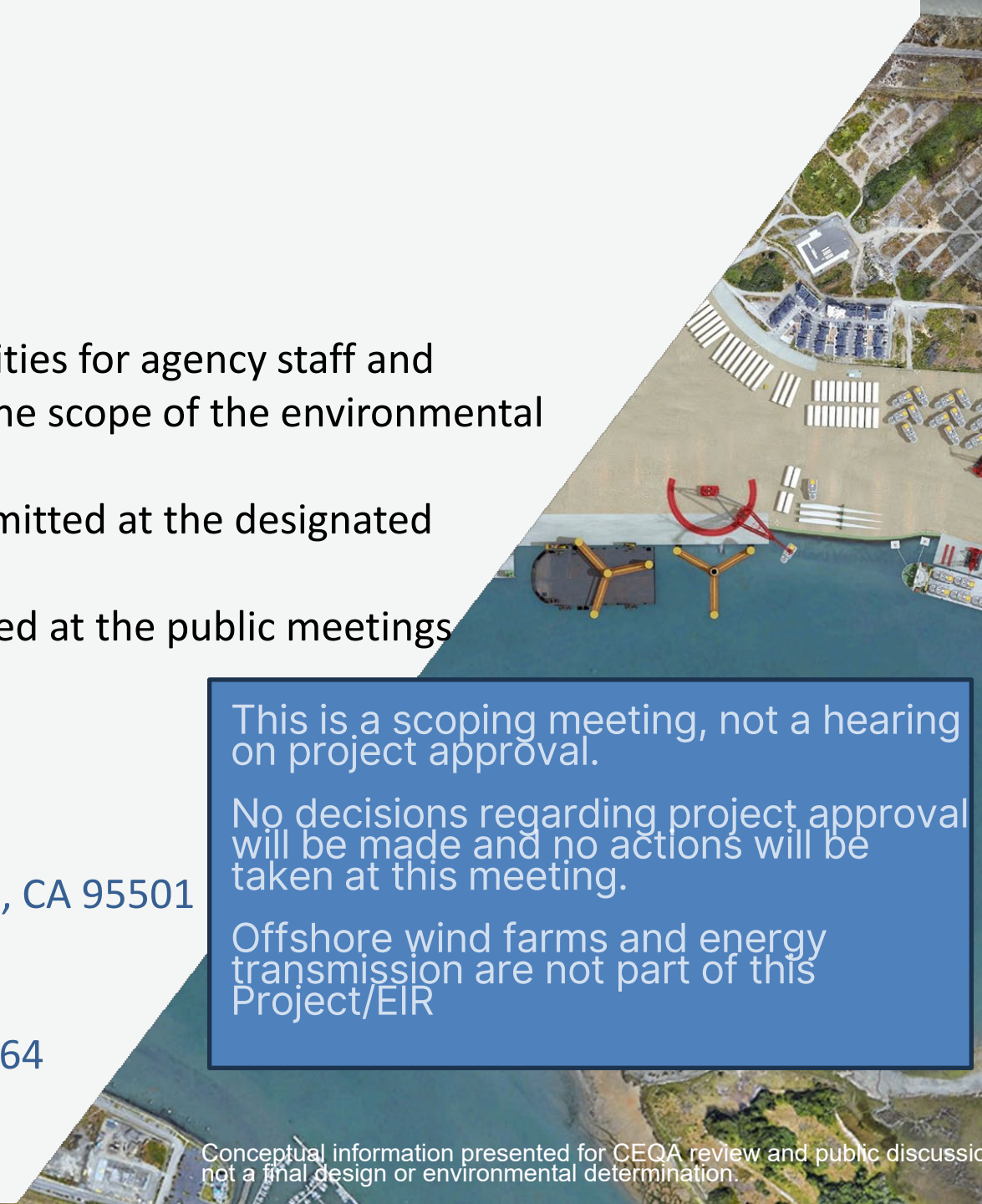
- Agency Meeting - 10:00 a.m.
- Public Meeting - 5:30 p.m.

  @Eureka Veterans Memorial Hall, 1018 H Street, Eureka, CA 95501

November 5, 2026

- Public Meeting - 5:30 p.m.

  @Samoa Cookhouse, 908 Vance Avenue, Samoa, CA 95564



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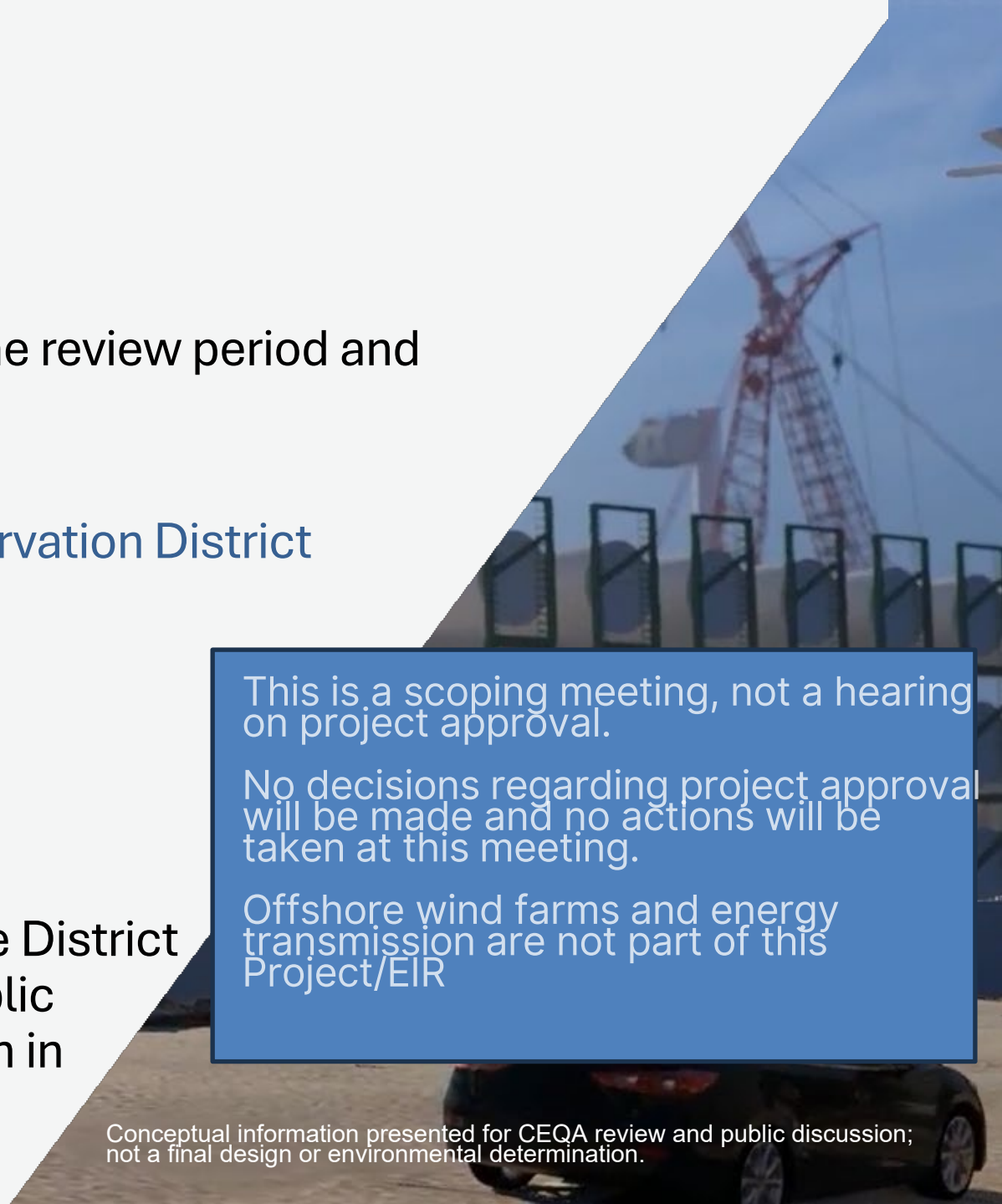
Commenting on The NOP

- Comments may be submitted in writing during the review period and addressed to:

  Chris Mikkelsen, Executive Director
  Humboldt Bay Harbor, Recreation and Conservation District
  P.O. Box 1030 Eureka, California 95502-1030
  Email: projectcomments@humboldtbay.org

- More than 60-day comment period:
  - Starts: **September 30, 2026**
  - Ends: **5:00 p.m. PST on December 7, 2026**

- All comments must be submitted in writing to the District via either mail or email prior to the close of the public comment period. Please indicate a contact person in your comment letter.



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Humboldt Bay Offshore Wind Heavy - Lift Marine Terminal Project



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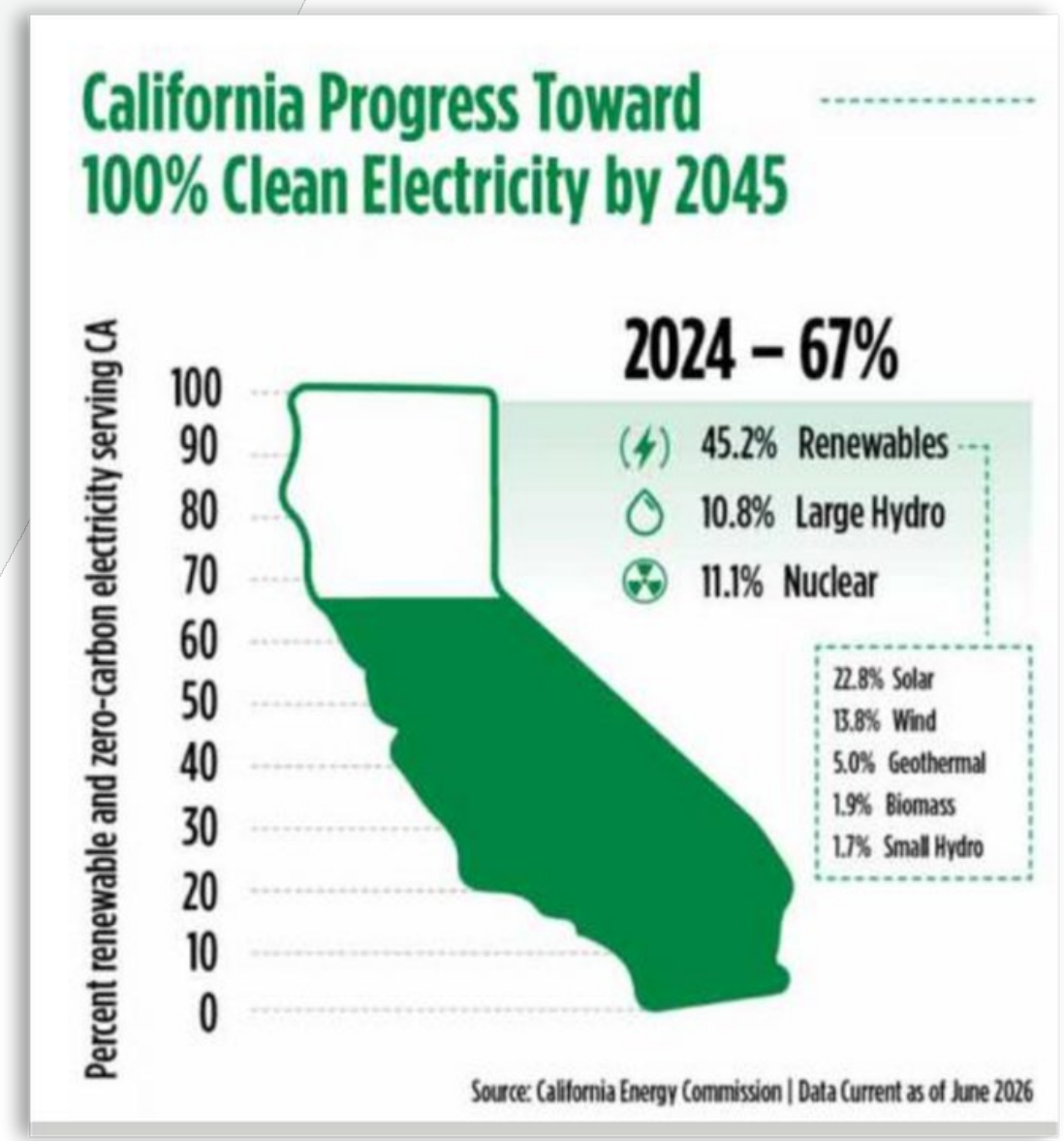
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PROJECT NEED

- Governor Newsom's Letter to CARB (July 2022):
  - Wind energy to provide 20 GW by 2045
- CEC Updated AB 525 Report (August 2022):
  - 2–5 GW by 2030
  - 25 GW by 2045

↓

- 25 GW = ~1,250 x 20 MW WTGs (wind turbine generators)



PROPOSED PROJECT



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PROJECT OBJECTIVES*

- Support California offshore wind goals.
- Establish Humboldt Bay as a global leader in addressing climate change by supporting offshore wind energy development.
- Establish Humboldt Bay as the first staging and integration port for offshore wind in California.
- Create jobs and stimulate economic development.
- Redevelop a blighted industrial waterfront site.
- Develop a site that supports multi-use maritime operations.
- Incorporate sustainable, low-emission design.
- Improve sea-level rise resilience.
- Address site contamination, as needed.
- Generate revenue for Harbor District programs and baywide improvements.



*Objectives are presented in abbreviated form for presentation purposes and are not intended to replace the full objective statements contained in the NOP, available at **humboldtbay.org.**

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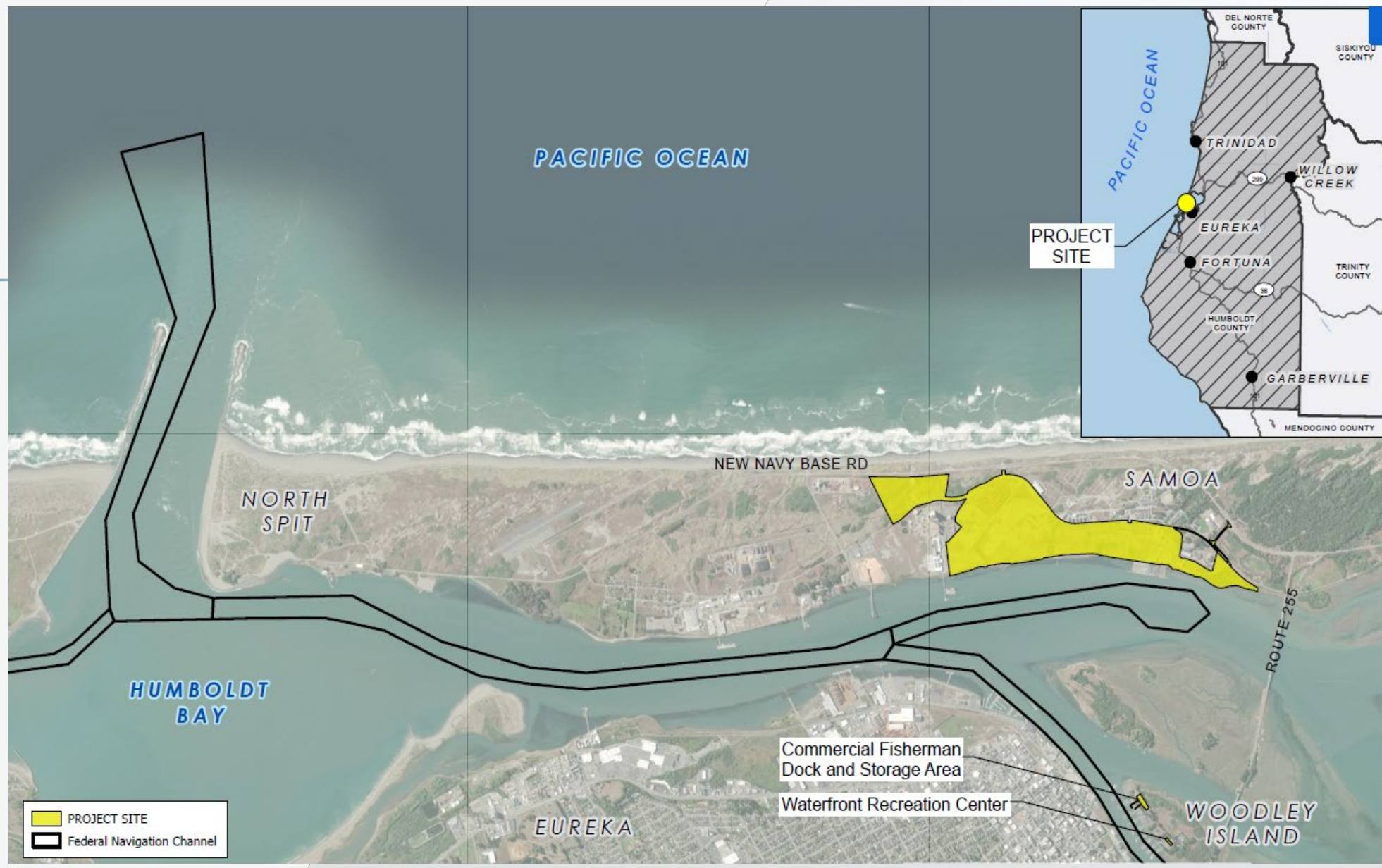
PROJECT LOCATION & SCALE

Onsite

- 180-acre terminal
  - 12 acres of wharf
  - 168 acres upland area
- 30-acre solar array
- 1.2-mile trail
- 204 acres of deepening of waterways
- 2.6 acres of roadway improvements

Offsite

- 1.2-acres Woodley Island improvements



*Project acreages are approximate and intended for conceptual planning purposes. Final acreages may vary as project design and environmental review progress.

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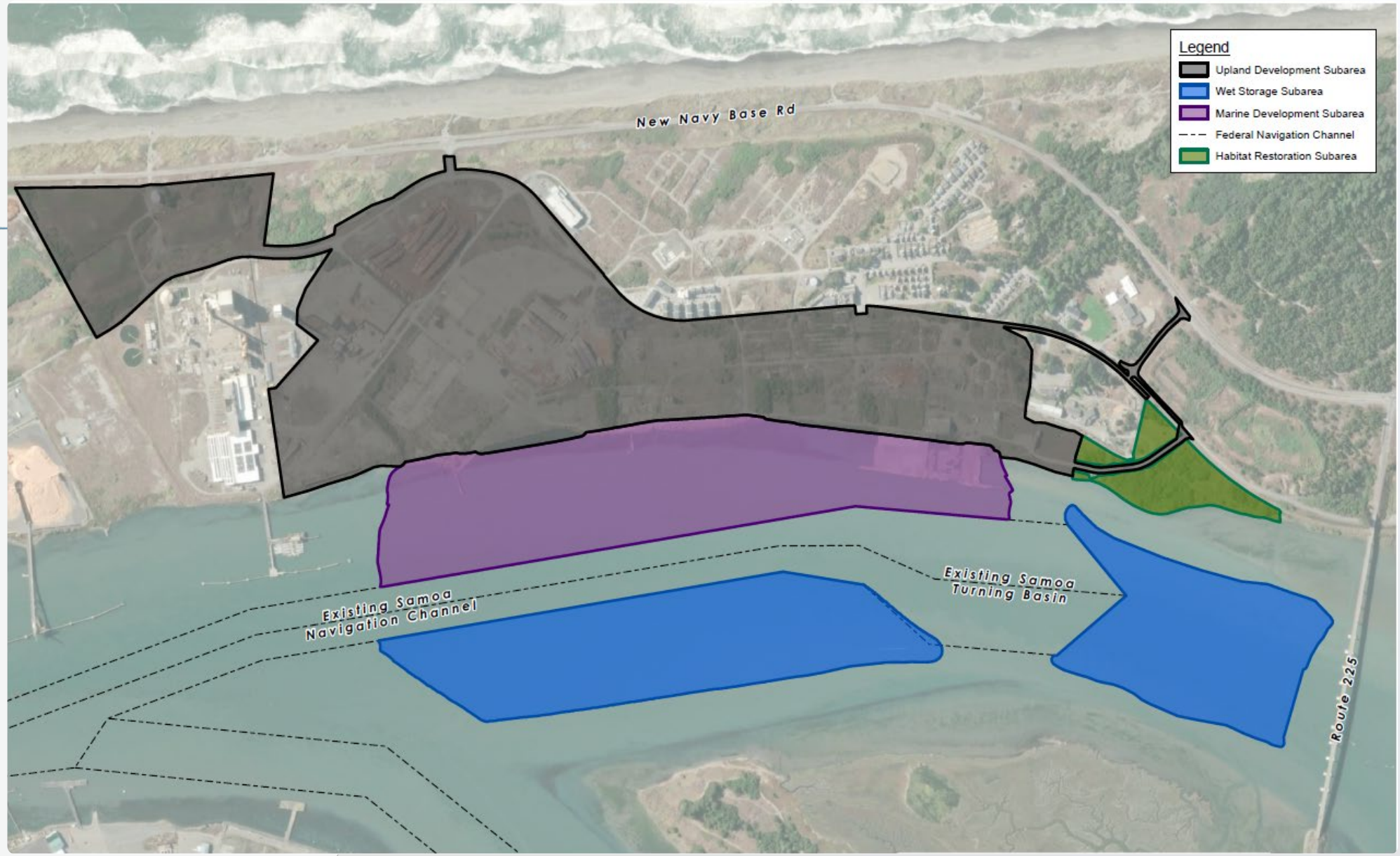
PROJECT SUBAREAS

Upland Development Subarea
- Terminal
- Solar array
- Access roads
- GRTA trail

Marine Development Subarea
- Dredging
- Wharves

Wet Storage Subarea
- Wet storage
- Sinking basin

Habitat Restoration Subarea
- Wetland and ESHA creation and restoration



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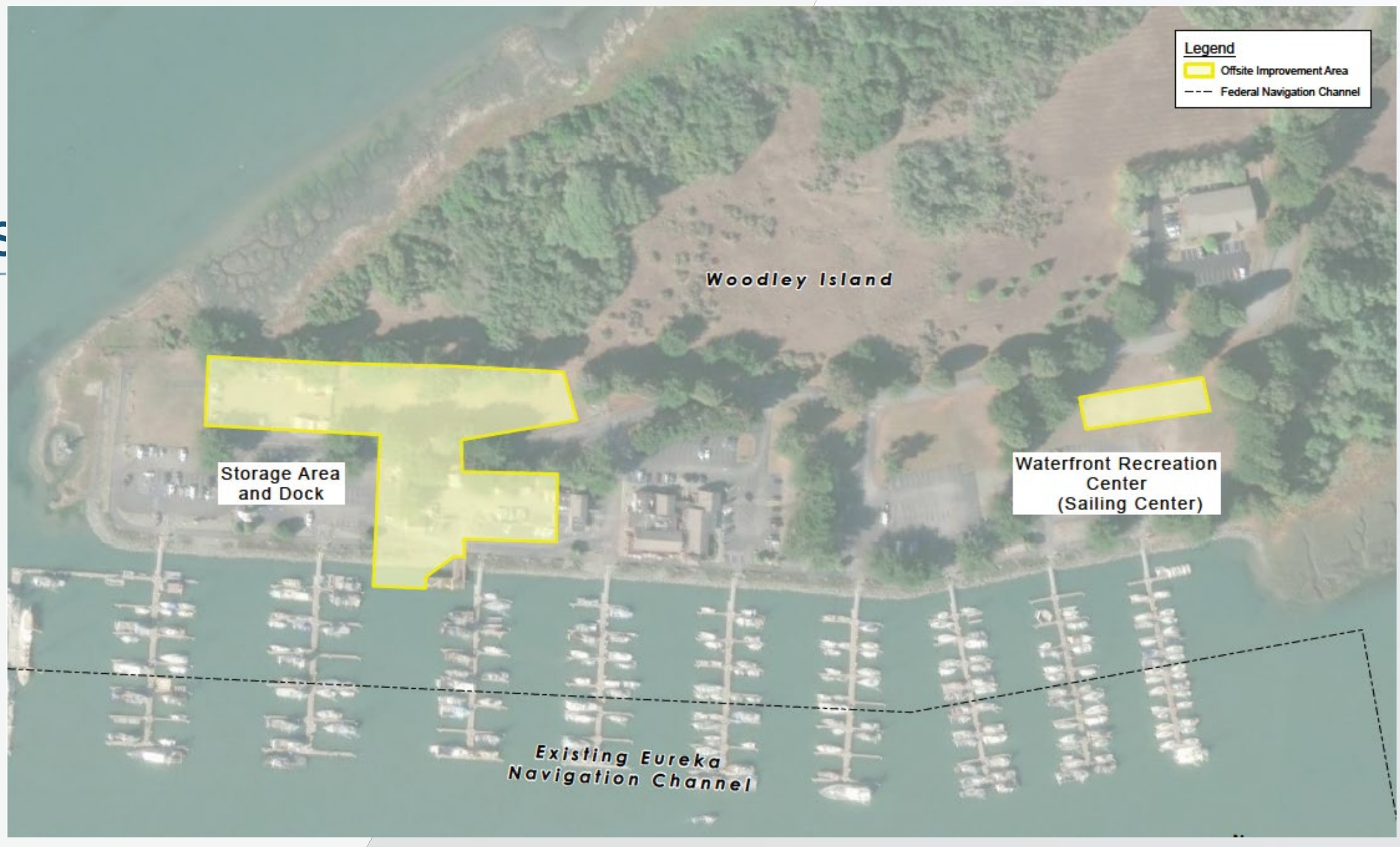
OFFSITE COMPONENTS

Woodley Island Fishing Dock and Storage

- Expanded fishing dock
- Fishing equipment storage

Waterfront Recreation Center

- Open pavilion supporting public recreation and events
- Enhanced public access



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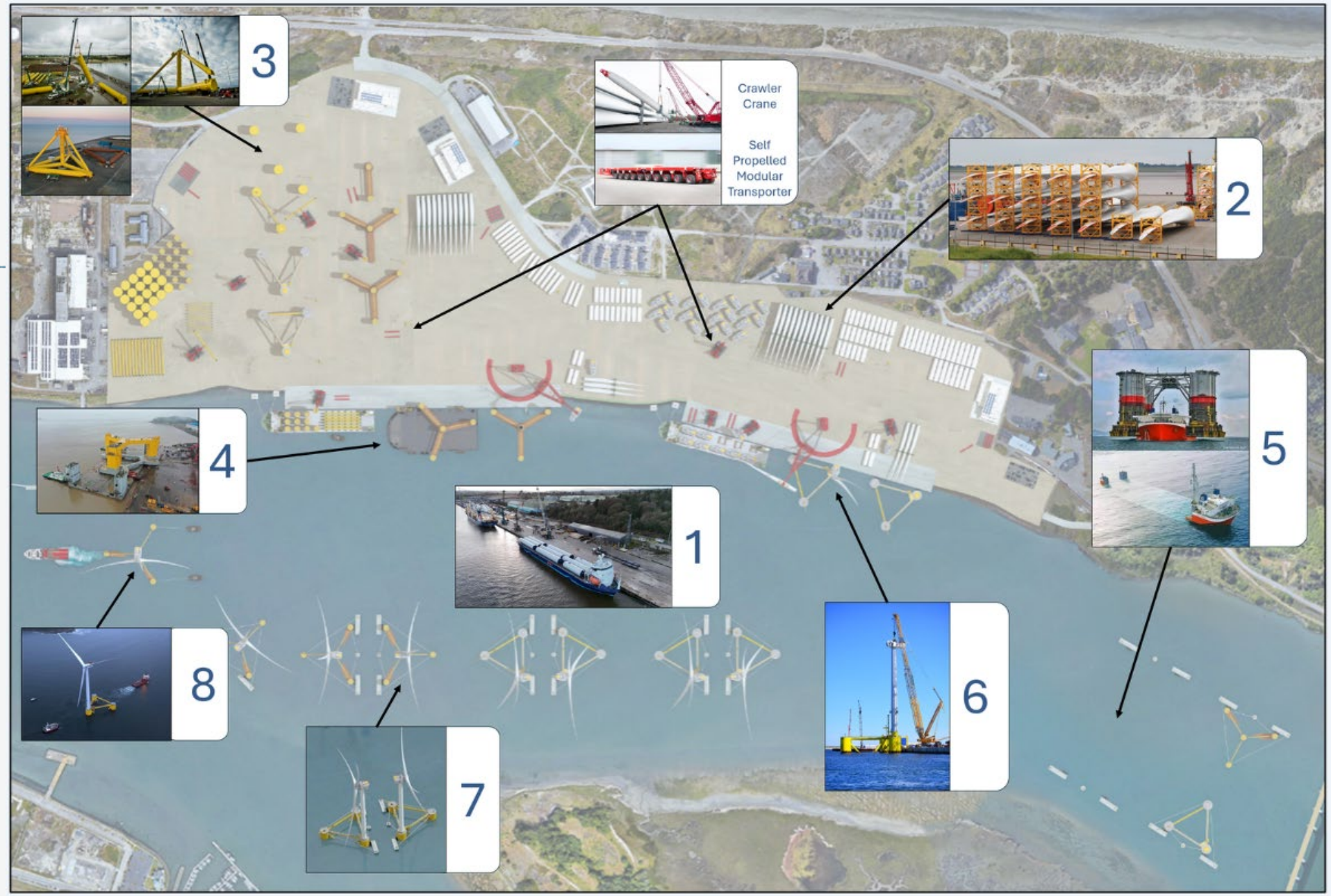
TERMINAL OPERATIONS

Proposed Terminal Function

- Component delivery (1)
- Staging and storage of turbine components (2)
- Manufacturing and assembly of foundations (3)
- Assembly and integration of floating offshore wind turbines (4)(5)(6)
- Launching and tow-out of completed turbines (8)
- Staging and storage of fully integrated turbines (7)

Proposed Future Uses

- Multipurpose maritime cargo operations



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MAJOR CONSTRUCTION ACTIVITIES

Assumed schedule to support analyses: 2028 to 2037

Construction Activities:

- Demolition of existing structures
- Hydraulic and mechanical dredging
- Sediment disposal and beneficial reuse
- Wharf construction with pile driving and shoreline stability improvements
- Site grading and soil improvements through surcharge placement
- Utility installation
- Habitat restoration
- Access routes and roadway improvements



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CONSTRUCTION PHASING PLAN

Project construction will occur in 3 phases:

Phase 0

- Onsite demolition
- Solar array
- Access roads
- Offsite components (Woodley Island)
- Onsite habitat restoration

Phase 1

- Terminal site improvements
- North and south wharves
- Dredging of wharf area, wet storage areas, deepening basin

Phase 2

- Remaining 30 acres portion of the terminal
- Remaining 1,200 ft of wharf



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Environmental commitments, Sustainable Design, and Resilience

- Restore and enhance wetland and environmentally sensitive habitat areas (ESHA)
- Relocate and replace osprey nesting structures and maintain wildlife movement opportunities
- Removal and disposal of existing creosote piles
- Implementation of BMPs and mitigation compliant with agency permit conditions
- On-site and rooftop solar energy systems
- Battery storage and microgrid resiliency
- Electrified terminal operations and shore power
- Redundant utility and power infrastructure
- Habitat restoration and ecological enhancement
- Advanced stormwater treatment and Low Impact Design features
- DarkSky-compliant lighting
- Shoreline stabilization and coastal resilience measures
- Bike trail and multimodal transportation improvements



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Thank you.

Moffatt & Nichol
Shelly Anghera, PhD
Project Manager/Vice President/Coastal, Water, and Environmental Technical Director
SAnghera@moffattnichol.com

ICF
Sally Zeff, AICP
Planning and Environmental Project Director, NW/Norcal CEQA Practice Lead
Sally.Zeff@icf.com

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Advice* for Commenting on The NOP

- Comments may contain any content you believe the District should review and that you want included in the public record
- However, the purpose of project scoping is to inform drafting of the Environmental Impact Report which analyzes potential environmental impacts of the project and potential mitigation measures and alternatives that would reduce those impacts while still achieving project objectives.
- Therefore, the most effective comments at shaping the Harbor District's analysis will discuss the following topics:
  - Existing environmental resources and conditions that should be considered in the DEIR
    - Local knowledge is particularly valuable
  - What kinds of Environmental impacts you are concerned the project will cause
    - Be specific about makes those impacts concerning to you
  - Your suggestions for project alternatives, design modifications, and mitigation measures that you believe could reduce those impacts

This does not constitute legal advice and I am not your attorney.

Environmental Protection Information Center
Matthew Simmons, Esq.
Climate Attorney matt@wildcalifornia.org

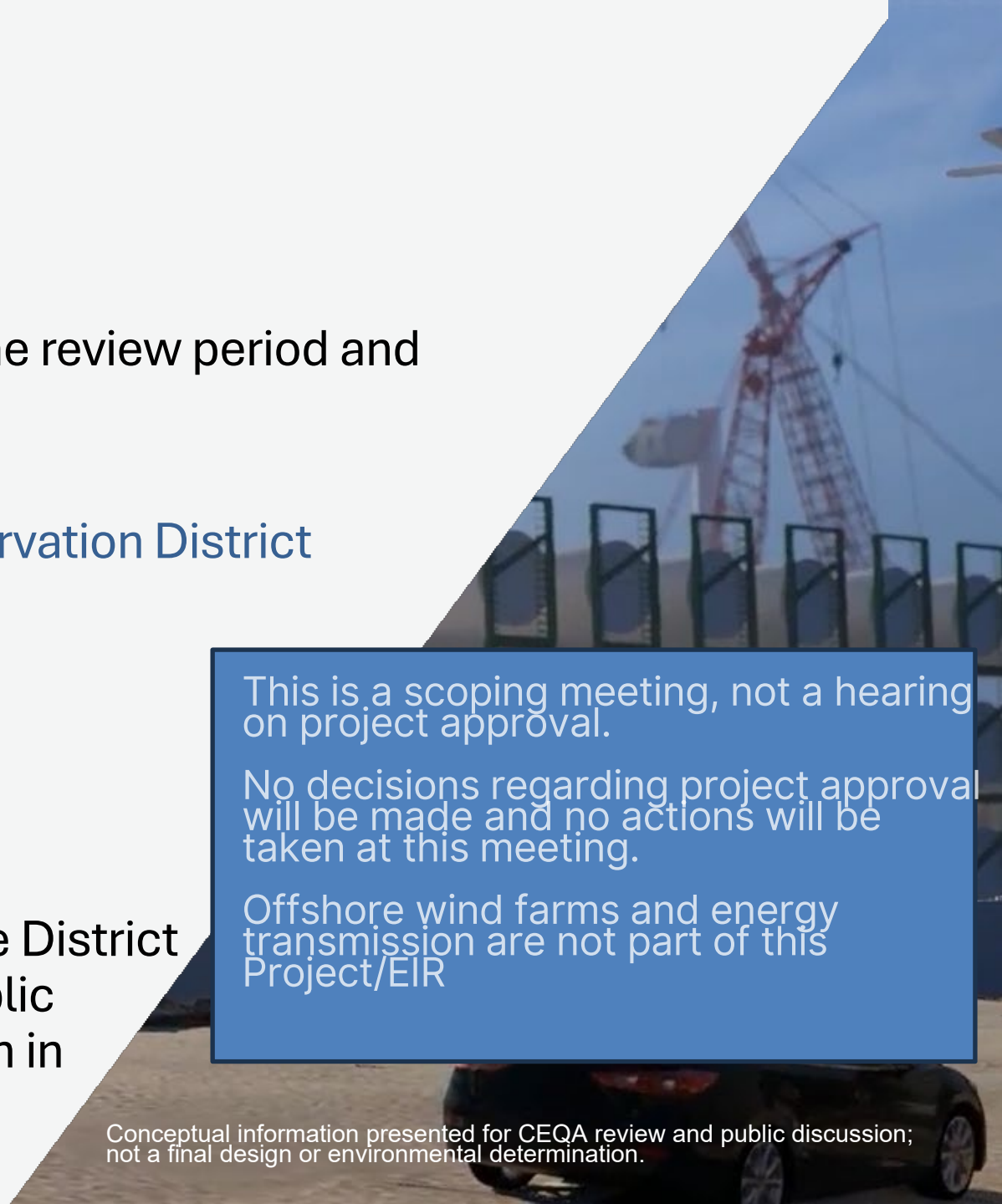
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