CALIFORNIA FISHERMEN'S RESILIENCY ASSOCIATION

1118 6th St. Eureka, CA 95501

The Interests of Fishermen...

- Not opposed to Renewable Energy
- Directly experience climate change on our oceans We Get It!
- Not trying to stop the development of Offshore Wind (OSW)
- Simply want to survive OSW development

Impacts of OSW to Fishing Fleet & Coastal Fishing Communities

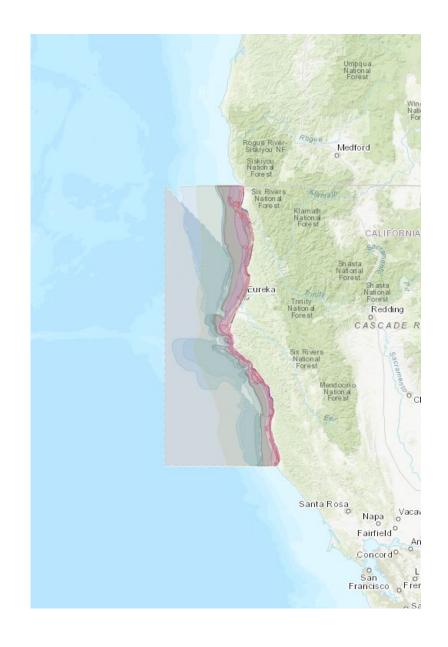
- Loss of 2000 square miles of fishing grounds
- Loss of 800-1000 square miles of fishing grounds to cable lanes
- Loss of shoreside fishing infrastructure
- Forecasted closing of Humboldt Bay to vessel traffic during OSW operations
- Congestion of Humboldt Bay by storage of up to 25 turbine units and moorage for all OSW work vessels



OPC Mapping of North Coast Fishing Grounds

2019

- First "fishermen driven" mapping project in USA
- Joint effort by Crescent City, Trinidad, Eureka, Shelter Cove, Fort Bragg
- Following completion of local mapping project, State Agencies requested mapping of Central Coast fishing grounds
- Site on Wind Data Portal public



Need for Unified Voice and Representation

- Repeated requests from California State Agencies 2018 -2021
- California Fishermen's Resiliency Association
 - Formed with RCEA grant support
 - Membership from Oregon to Santa Barbara
 - Board of Directors Crescent City to San Francisco
 - 501 (c) (6) Mutual Benefit Corporation
 - Areas of interest OSW, wind and wave energy, oil and gas, minerals mining, energy and data transmission cables



- 1. AVOID OSW impacts on fishing grounds and in harbor areas
- 2. MINIMIZE OSW impacts
 - Seasonality of OSW operations
 - Establishing OSW protocols
 - 24 hour hotline
 - Independent fisheries liaison officer
 - Real time impact adaptive management
- 3. MITIGATE impacts that can't be avoided or minimized
 - Last step in process
 - Any mitigation fees directed to create long term resilience in the fishing industry

Community/Agency involvement in FCBA's — Best Intentions

- Terra-Gen wind power projects
- HFMA approached the City and BOS for Memorandum of Cooperation (MOC) to avoid Terra-Gen style of "progress"
- MOC rejected
- RTI Cable Project- Agency support letters
- Costs this community \$9 million in impact assessments over project lifetime
- Lowered the bar for all West Coast cable mitigation