



# Electronic Reporting and Electronic Monitoring Pilot

*13 March 2025*

*Presented to:*

**Marine Resources Committee  
March 2025**

*Presented by:*

**Todd Neahr  
Environmental Program Manager  
Marine Region**



# Electronic Reporting & Monitoring Status

- CPFV Web Application Released in 2015
- E-Tix Since 7/1/2019
- Multiple Logbook Reviews
- 2023 Review:
  - 13 DFW Forms & 3 Required Reports
  - Pilot Test Recommendation:
    - CPFV, Market Squid, Dungeness Crab & Experimental Fishing Permits (EFP), and Set Gill Net



# Modernizing Data Collection

- Summer 2024
  - Electronic Reporting (ER) and Electronic Monitoring (EM) Vendor Demos
  - Narrowed List and Shared with Ocean Protection Council (OPC) and Resources Legacy Fund (RLF)
    - 3 ER Vendors and 2 EM Vendors
- March 3, 2025 OPC Meeting
  - Approved Disbursement of Funds to RLF
  - 3 Years Funding for Pilot Testing and Report Recommendations



# ER and EM Pilot Overview

- Needing Near Real-Time Data
- Logbook Pilot Submissions Meet Current Reporting Requirements
- Valuing Industry Feedback Throughout Pilot
- End Goal: Proof of Concept Supported by Department, Partners and Participating Vessels



# ER Testing: CPFV

- CPFV
  - Usage Survey during 2023 Log review
  - 30 Vessels, 3 Vendor Solutions
  - Using 3-4 Vessels Per Solution for Initial Testing and Acceptance
  - San Diego, LA and Orange County Landings, Bay Area



# ER Testing: Market Squid Fishery

- Market Squid Fishery
  - Squid Fishery Advisory Committee Accepted Data Flow Mockup during 2023 Log Review
  - 30 Vessels, 3 Vendor Solutions
  - Southern and Central CA Participation



# ER and EM Testing: Set Gill Net Fishery

- Bycatch Analysis Recommendation
- 2 ER Vendors & 2 EM Vendors Selected
- 5 Vessels - EM Hub & Cameras
- 5 Vessels - EM Position Logger
- Electronic Monitoring Components
  - Integrated with Electronic Reporting Logbook
  - Sensors Linked to EM Hub or Logger
  - Collect HD Camera Footage at Set & Retrieval Locations



# ER and EM Testing: Dungeness Crab & EFP

- Develop New Logbook & Requirements
- 2 ER Vendors & 1 EM Vendor Selected
- 10 Dungeness Crab Vessels per ER Vendor, 5 EFP Vessels
- EM Position Logger
  - Integrated with Electronic Reporting Logbook
  - Sensors Linked to Logger
- Feed Ropeless Gear Portals





# Next Steps

Timeframe	Task
Ongoing Through June 2025	Volunteer Recruitment
March & April 2025	Industry Association Meetings
Late April to June 2025	Workshops with Fishermen and Selected Vendors
June 2025	Vendor Development Contracts Start
June 2025 to June 2027	Development and Active Use
July 2027 to June 2028	Feedback Solicitation, Analysis & Reports

# Thank You

Todd Neahr

Questions: [r7regionalmgr@wildlife.ca.gov](mailto:r7regionalmgr@wildlife.ca.gov)

