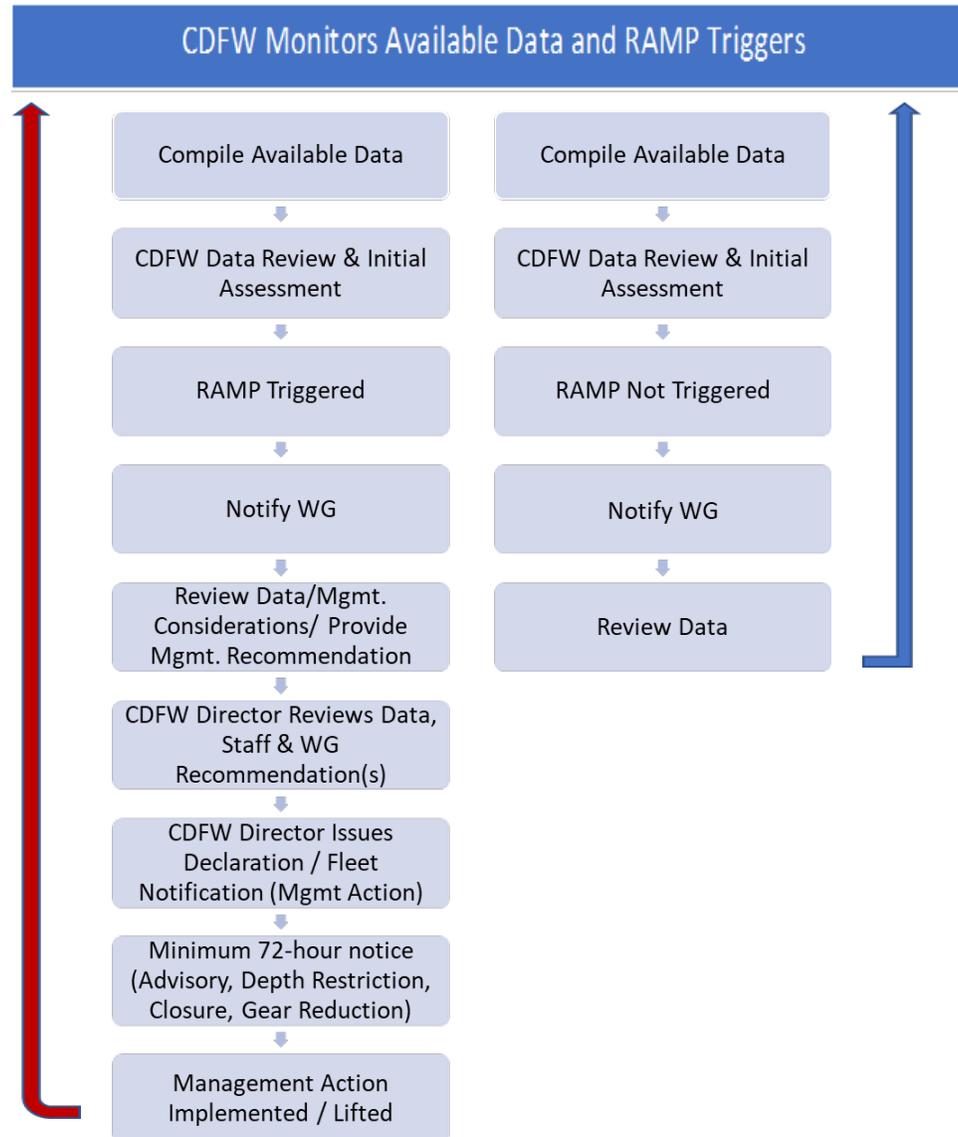


**- Dungeness Crab Task Force –  
Marine Life Entanglement  
RAMP and Conservation Plan Updates**

**October 27, 2021**



# RAMP - Risk Assessment Operation



Available Data as of October 26, 2021 to inform **Marine Life Concentrations Triggers** and *Management Considerations*

Zone 1: *Domoic acid testing*

Zone 2: **CDFW Aerial Survey**  
*Habitat Compression Index (HCI)*

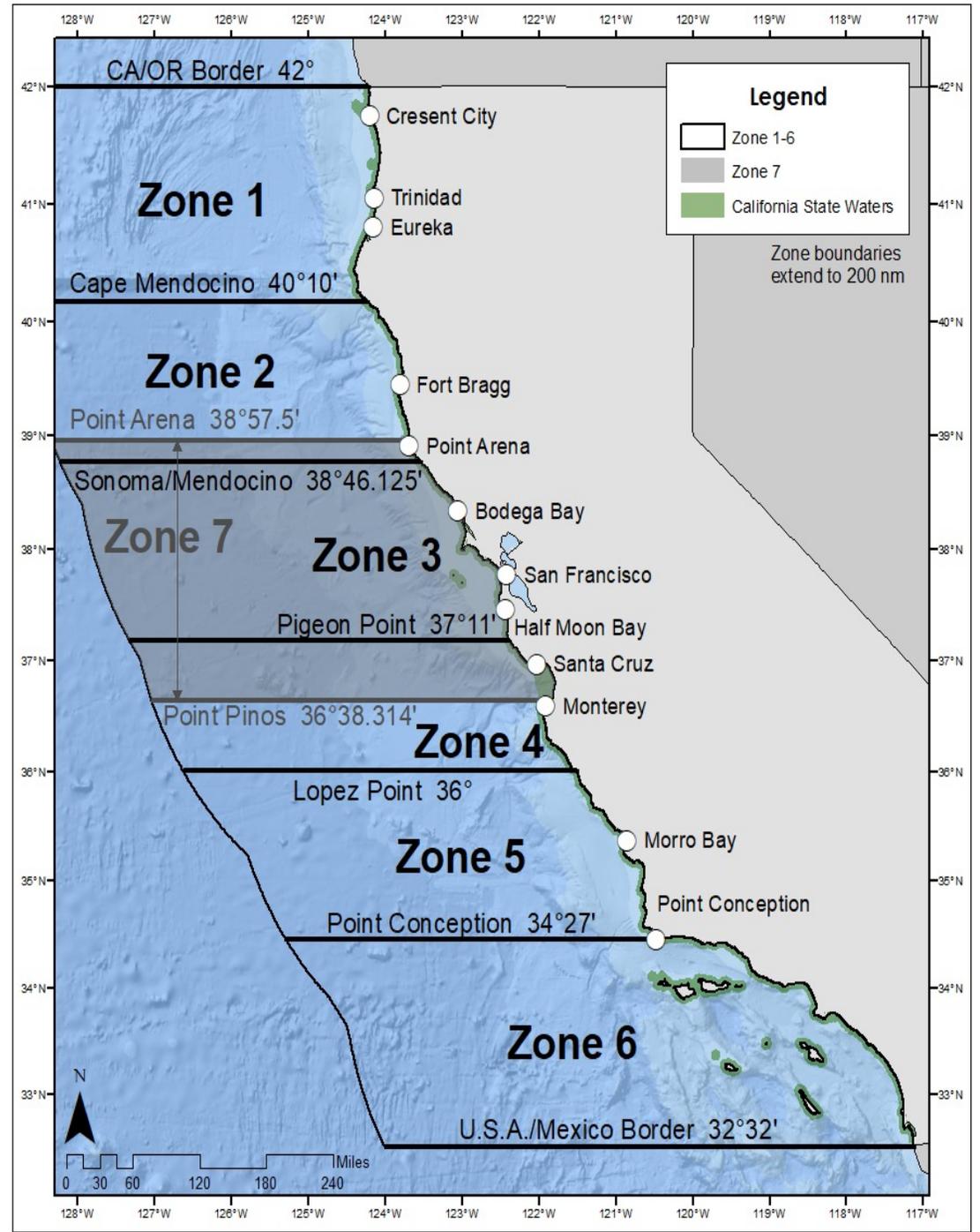
Zone 3: **CDFW Aerial Survey, NOAA Aerial Survey, Cascadia/TMMC Vessel Survey**  
*PBCS Data Portal, Domoic acid testing, forage, HCI*

Zone 4: **CDFW Aerial Survey, NOAA Aerial Survey, Cascadia/TMMC Vessel Survey, MBWW**  
*MBWW (historic patterns), PBCS Data Portal, Domoic acid testing, forage, HCI*

Zone 5: **CDFW Aerial Survey, Cascadia/TMMC Vessel Survey**  
*HCI*

Zone 6: **Cascadia/TMMC Vessel Survey**  
*PBCS Data Portal*

All Zones: **Whale Watch 2.0, ENSO Diagnostic, Marine Heatwave Tracker**



# CDFW Preliminary Recommendation

## Recreational Fishery:

- Fleet Advisory: Fishing Zones 1, 2, 5 and 6
- Crab Trap Prohibition: Fishing Zones 3 and 4

## Commercial Fishery:

- Fleet Advisory: Fishing Zone 5 and 6
- Season Delay: Fishing Zones 3 and 4
- Zones 1 and 2 were not evaluated

# Working Group Recommendation

- **Fishing Zone 1 and 2:** Recommends delaying the recreational crab trap fishery until November 12, 2021, with a Fleet Advisory and to open the commercial trap fishery on December 1, 2021 with a Fleet Advisory. Both dates are subject to change based on the next Risk Assessment.
- **Fishing Zones 3 and 4:** Recommends delaying the recreational crab trap fishery until November 12, 2021, and delay the commercial fishery until November 19, 2021. Both dates are subject to change based on the next Risk Assessment.
- **Fishing Zones 5 and 6:** The Working Group supports CDFW's preliminary recommendation to open both the recreational fishery and commercial Dungeness crab fisheries under a Fleet Advisory on November 6, 2021, and November 15, 2021, respectively.

# Risk Assessment Timeline

# Entanglements under RAMP

Actionable Species	Confirmed Entanglements in CA commercial Dungeness crab gear	Confirmed Entanglements in unidentified fishing gear reported off CA
Humpback whales	1	4
Blue whales	0	0
Leatherback sea turtles	0	0

Actionable Species	Current Fishing Season	Current Calendar Year
Humpback whales	0	0.75 + 0.38 = 1.13 *Preliminary total; see below
Blue whales	0	0
Leatherback sea turtles	0	0



# Conservation Plan (CP) Update

- The CP will support Incidental Take Permit (ITP) request
- RAMP regulatory framework for the CP
- RAMP will continue to be adaptive and revised (RAMP 2.0)
- First Draft CP was submitted to NMFS – May 2020
- CDFW is currently revising that first draft
- Expect release November 2021 – 45 day comment period
- Planned submission Spring 2022 (CP & ITP)

**More information:**

[www.wildlife.ca.gov/Conservation/Marine/Whale-Safe-Fisheries](http://www.wildlife.ca.gov/Conservation/Marine/Whale-Safe-Fisheries)

**Regulations:**

<https://wildlife.ca.gov/Notices/Regulations/RAMP>

Thank You