

2020 CDFW Updates to Dungeness Crab Task Force



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**CDFW, Marine Region
DCTF Meeting,
October 21-22, 2020**

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CDFW Update Topics

- 2019-2020 Season Summary
- Dungeness crab trap limit account
- DCTF Contract
- Crab Disaster Status
- Lost Fishing Gear Program
- Tri-State line marking initiatives
- Preseason Quality Testing under COVID-19
- Updates on Biotoxin Management – Latest Domoic Testing Results

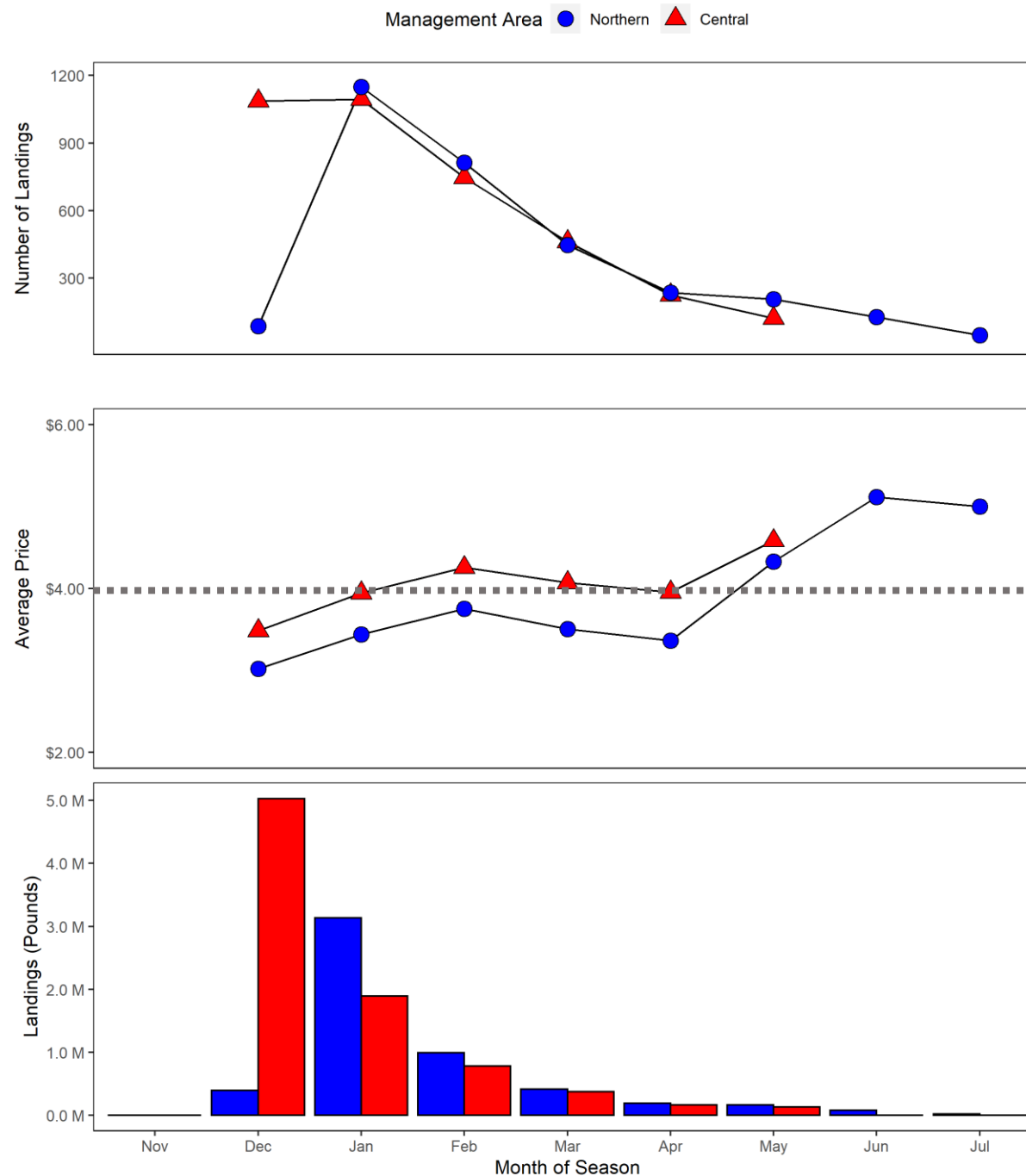
2019-2020 Season Highlights

Region	Total Pounds (millions)	Ex-Vessel Value (millions)	Average Price per Pound	Season Duration
Northern Management Area	5.4	\$18.7	\$3.66	Dec 31, 2019* – July 15, 2020
Central Management Area	8.4	\$28.2	\$3.91	Dec 15, 2019 – May 15, 2020**
Statewide	13.8	\$46.9	\$3.80	

*Season delayed due to poor meat quality

**Season delayed and closed early due to marine life entanglement risk

2019-20 Season Summary by Management Area and Month



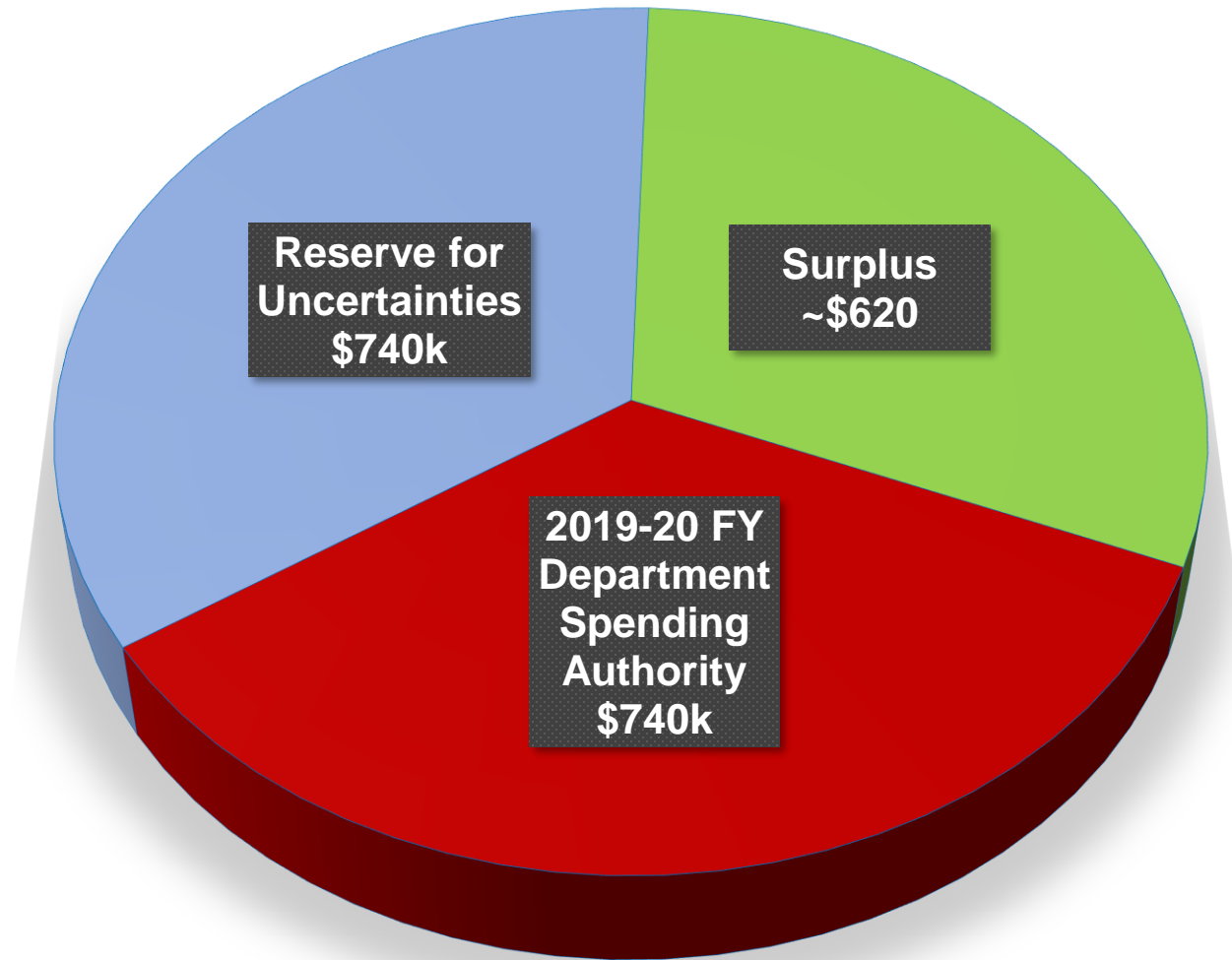
Dungeness Crab Account: Summary FY End Balances

Summary of revenue and ongoing balances of the Dungeness crab account. Program began on April 1, 2013 and CDFW did not charge any costs for the partial first year of the program.

Fiscal Year (FY) Period (July 1 – June 30)	Revenue from Biennial Fees	Total State Expenditures	FY End Balance of Accounting Fund
2012-13	\$481,183	n/a	\$481,183
2013-14	\$1,072,152	\$264,885	\$1,288,450
2014-15	\$1,385,582	\$693,436	\$1,980,596
2015-16	\$61,143	\$662,766	\$1,378,973
2016-17	\$1,401,304	\$673,118	\$2,107,159
2017-18	\$81,936	\$683,007	\$1,518,870
2018-19	\$1,438,670	\$825,219	\$2,137,749

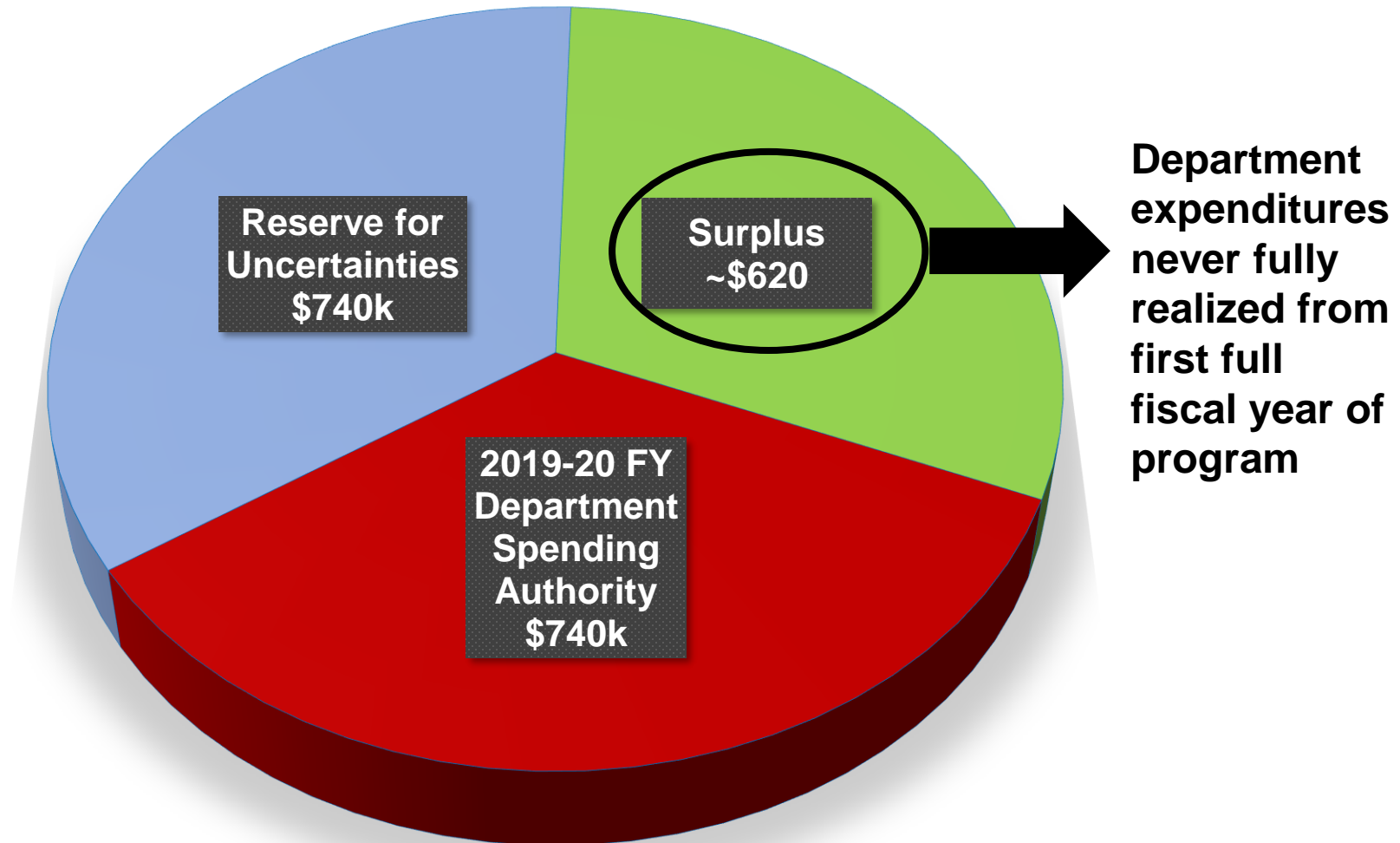
Dungeness Crab Account:

2018-19 FY End Balance - \$2.1million



Dungeness Crab Account:

2018-19 FY End Balance - \$2.1million



DCTF Contract Update

- Current Contract Amended for 2020-21 FY
 - Increased costs an additional \$43k
 - Accommodate member travel reimbursement
 - Could cover additional meeting(s) by or before June 30, 2021
- Contract for next Two-Year Period
 - Anticipated to be in place July 2021 until June 2023
 - Depending on increased authority \$150k/FY = \$300k total

Crab Disaster Funds

- Oct 2019 – Concluded Direct Payments to Industry
- 2020 - Mitigation funds are currently being disbursed
 - California Department of Public Health has received a grant for the purchase of laboratory supplies
 - Research Fund Proposals were solicited via PSMFC - 3 grants awarded:
 - 1) Socioeconomic impacts of domoic acid on California crab fisheries and fishing communities,
 - 2) Transfer and retention of domoic acid in California crab species
 - 3) Development of predictive modeling tools to better inform the commercial crab fleet

Trap Gear Retrieval Program

- Department issued 7 Retrieval Permits
 - Northern Ports: Crescent City, Trinidad, Eureka
 - Central Ports: Bodega Bay, San Francisco, Half Moon Bay, Monterey Bay
- October 21 deadline to pay directly to retrieval permittee
- Retrieval logs due end-Oct
- **Jan 15, 2021** - Any outstanding payments will be due to CDFW
- Program Summaries may be available in early 2021:

www.wildlife.ca.gov/Conservation/Marine/Whale-Safe-Fisheries

Tri-State Line Marking Initiatives

- Effective Dec. 1, 2020, Washington established line marking requirement
 - Each trap must use red line in at least two places, 12 inches of line must be marked in red, no more than one fathom from the main buoy and no more than one fathom from the trap
- Oregon prohibits red marks in the top 6 fathoms and bottom 6 fathoms as defined by Washington's line marking regulation

Pre-Season Quality Testing

- May 2020 - Meat quality criteria was updated to 24% (no rounding)
- Due to COVID-19 public health safety concerns, Department staff and contracted observers will not be able to observe testing trips
- Measures to ensure protocols are followed:
 - Department will require participating vessels to carry a solar logger
 - Participants will also be required to sign affidavit form
- The first round of quality testing will be coordinated during the last week of October



OEHHA
California Office of Environmental
Health Hazard Assessment



Update on California Dungeness Crab Biotoxin Management of Domoic Acid

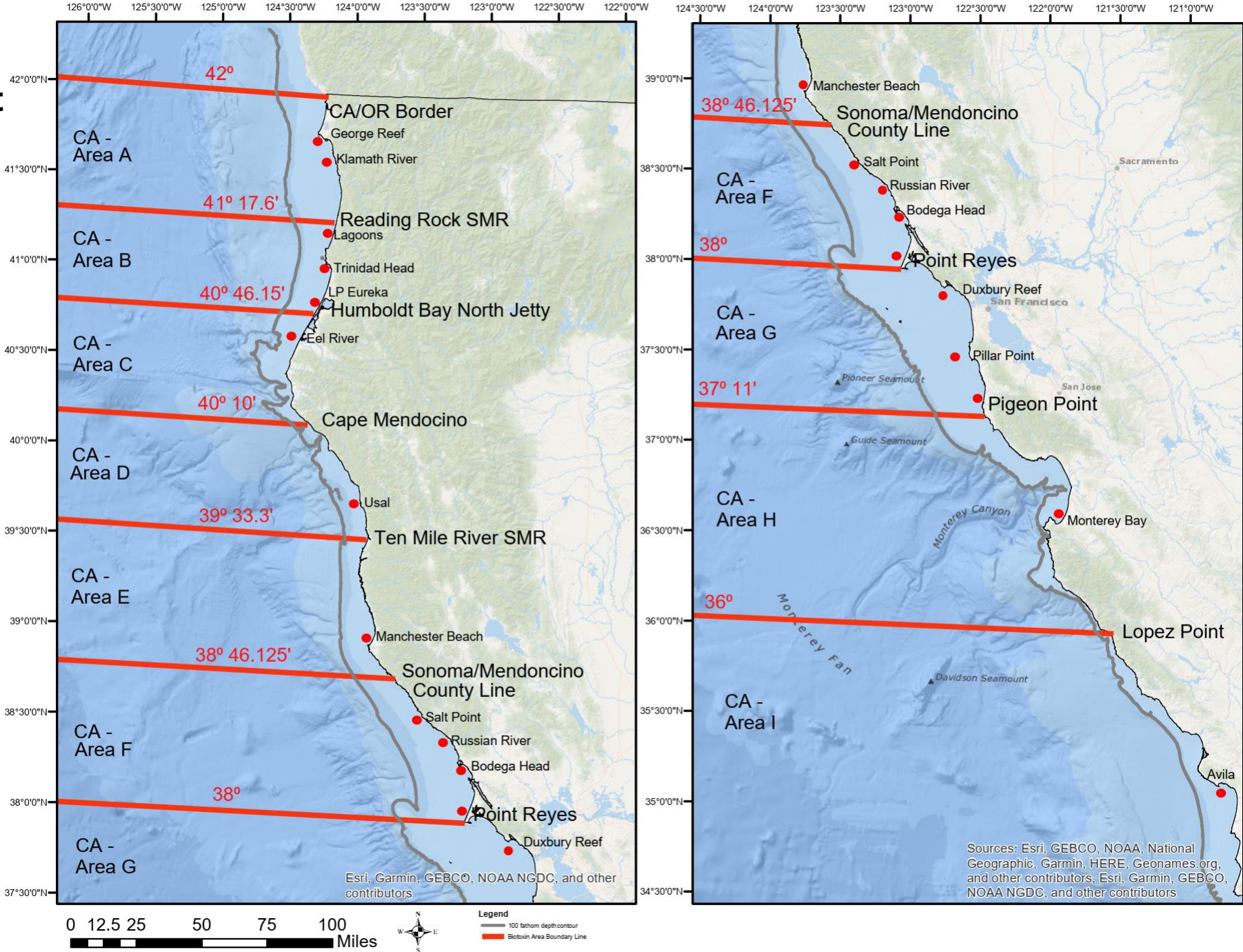


Biotoxin Management in CA Dungeness Crab Fishery

Effective the 2020-2021 Fishing Season:

- 9 “Biotoxin Management Areas”
- Intended to provide predictability regarding location/size of closures when test results indicate elevated domoic acid concentrations
- Considered number of samples, geographic extent, access to port areas, prior geographic boundaries and/or aligned with Fishing Zones in RAMP program
- Use easily recognizable landmarks that should facilitate compliance and enforcement

Biotoxin Management Areas



Biotoxin Management Areas

Biotoxin Area	RAMP Zone	Collection sites (N to S)	Port Area	Northern Boundary	Southern Boundary
A	1	George Reef	Crescent City	CA/OR border (RAMP boundary)	Reading Rock SMR (Southern Boundary)
		Klamath River	Crescent City		
B	1	Lagoons	Trinidad	Reading Rock SMR (Southern Boundary)	Humboldt Bay North Jetty
		Trinidad Head	Trinidad		
		LP Eureka	Eureka		
C	1	Eel River	Eureka	Humboldt Bay North Jetty	Cape Mendocino (RAMP boundary)
D	2	Usal	Fort Bragg	Cape Mendocino (RAMP boundary)	Ten Mile SMR (Southern Boundary)
E	2	Manchester Beach	Fort Bragg	Ten Mile SMR (Southern Boundary)	Sonoma/Mendocino County Line (RAMP Boundary)
F	3	Salt Point	Bodega Bay	Sonoma/Mendocino County Line (RAMP Boundary)	Point Reyes
		Russian River	Bodega Bay		
		Bodega Head	Bodega Bay		
		Point Reyes	Bodega Bay		
G	3	Duxbury Reef	Half Moon Bay/SF	Point Reyes	Pigeon Point (RAMP Boundary)
		Pillar Point	Half Moon Bay/SF		
		Pigeon Point	Half Moon Bay/SF		
H	4	Monterey Bay	Monterey	Pigeon Point (RAMP Boundary)	Lopez Point (RAMP Boundary)
I	5 & 6	Avila	Morro Bay/Port San Luis	Lopez Point (RAMP Boundary)	CA/MX Border (RAMP Boundary)

Biotoxin Management in CA Dungeness Crab Fishery

Domoic Acid Testing Protocol

- Number of crab sampled per location is the same, 6 crab per location (3 from >30 fathoms; 3 from <30 fathoms)
- All crab collected at a sampling location within each area must pass domoic acid testing criteria of all crab equal to or less than 30ppm domoic acid concentration
 - Location will pass either on first round of testing
 - Or until two consecutive tests, conducted at least one week apart,
- The notification of delays/closure and opening areas/lifting of closures will follow procedures as stipulated in Section 5523 of the Fish and Game Code

Biotoxin Management in CA Dungeness Crab Fishery

New for 2020!

- Vessels required to carry electronic monitoring device during sampling trip and maintain chain of custody documentation
- Electronic monitoring devices are provided by Kathi (Koontz) George (kathikoontz@gmail.com)
 - Subscription service is included (paid for until Dec 2020 with possibility of extension until Dec 2021)
- Domoic acid sampling began mid-Sept 2020



Questions?

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