



BSFRF Update, Unalaska City Council

March 12, 2024



Please feel free to reach out with questions anytime

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➤ Focused Research Areas



CPS2 -2024

CHARTER ANNOUNCEMENT

REQUEST FOR PROPOSED CHARTER (Crab Pot Vessels Only) (January 19, 2024) 1730 AKT

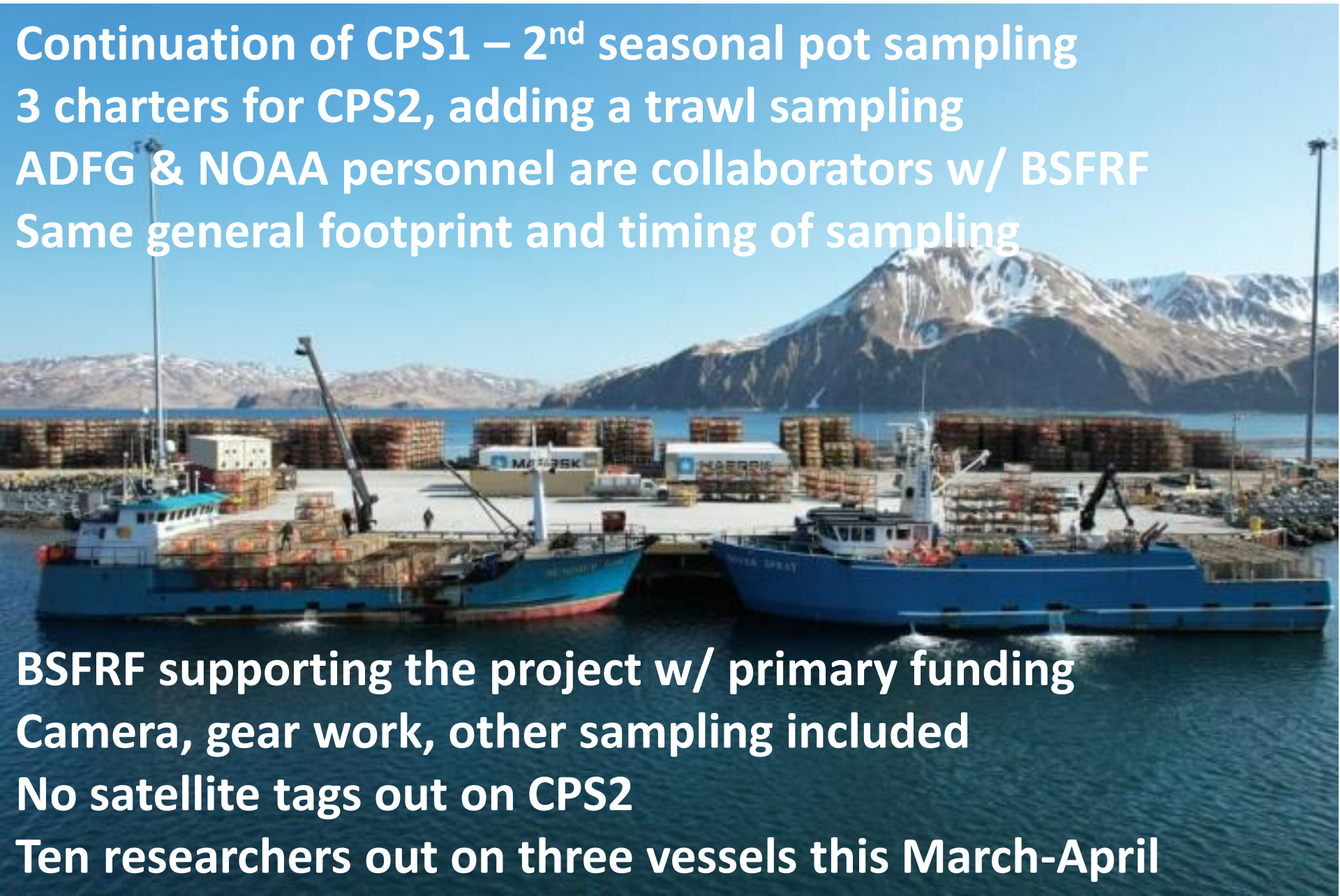
**CPS2 Vessel Selection for Winter-Spring BBRKC Charter Project – (March 2024)
BSFRF/ABSC/NOAA/ADFG Collaboration**

Summary: This is a second, seasonal, high-priority crab research project focused on Bristol Bay red king crab with three primary objectives that include: 1) generating estimates of winter/spring BBRKC spatial distribution for different size/maturity/sex/shell condition categories using two sampling gears, 2) collecting physical data (e.g., bottom temperature) that will allow variability in BBRKC distribution within and between years to be analyzed, and 3) estimating overlap in distributions between BBRKC and predatory groundfish (Pacific Cod, Sculpins, Pacific Halibut) and groundfish that are targeted by pelagic and non-pelagic trawl gear (Northern Rock Sole, Yellowfin Sole, Walleye Pollock, Pacific Cod). We seek to charter two (2) Bering Sea crab vessels, and one (1) Bering Sea trawl catcher-vessel for trawl sampling, all with experienced fishing crew (4-5+ fishers per vessel). A collaborative science party (3-4 scientists) will board each vessel and work with the crew to complete this work. Project leads/contacts are Scott Goodman (BSFRF), Mike Litzow (NOAA), and Chris Siddon (ADFG).

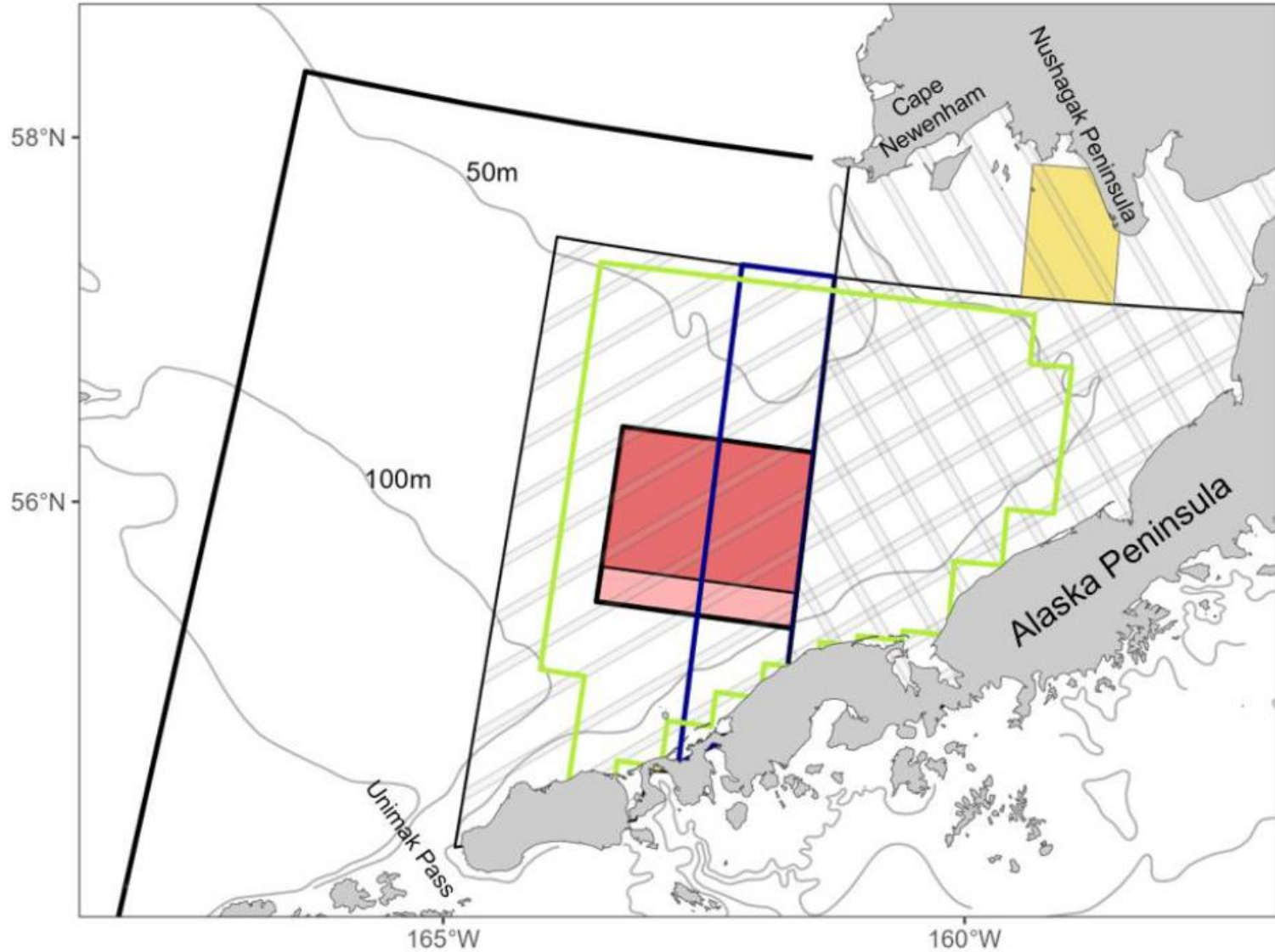
➤ Focused Research Areas – CPS2 2024

Continuation of CPS1 – 2nd seasonal pot sampling
3 charters for CPS2, adding a trawl sampling
ADFG & NOAA personnel are collaborators w/ BSFRF
Same general footprint and timing of sampling

BSFRF supporting the project w/ primary funding
Camera, gear work, other sampling included
No satellite tags out on CPS2
Ten researchers out on three vessels this March-April



➤ CPS2 2024



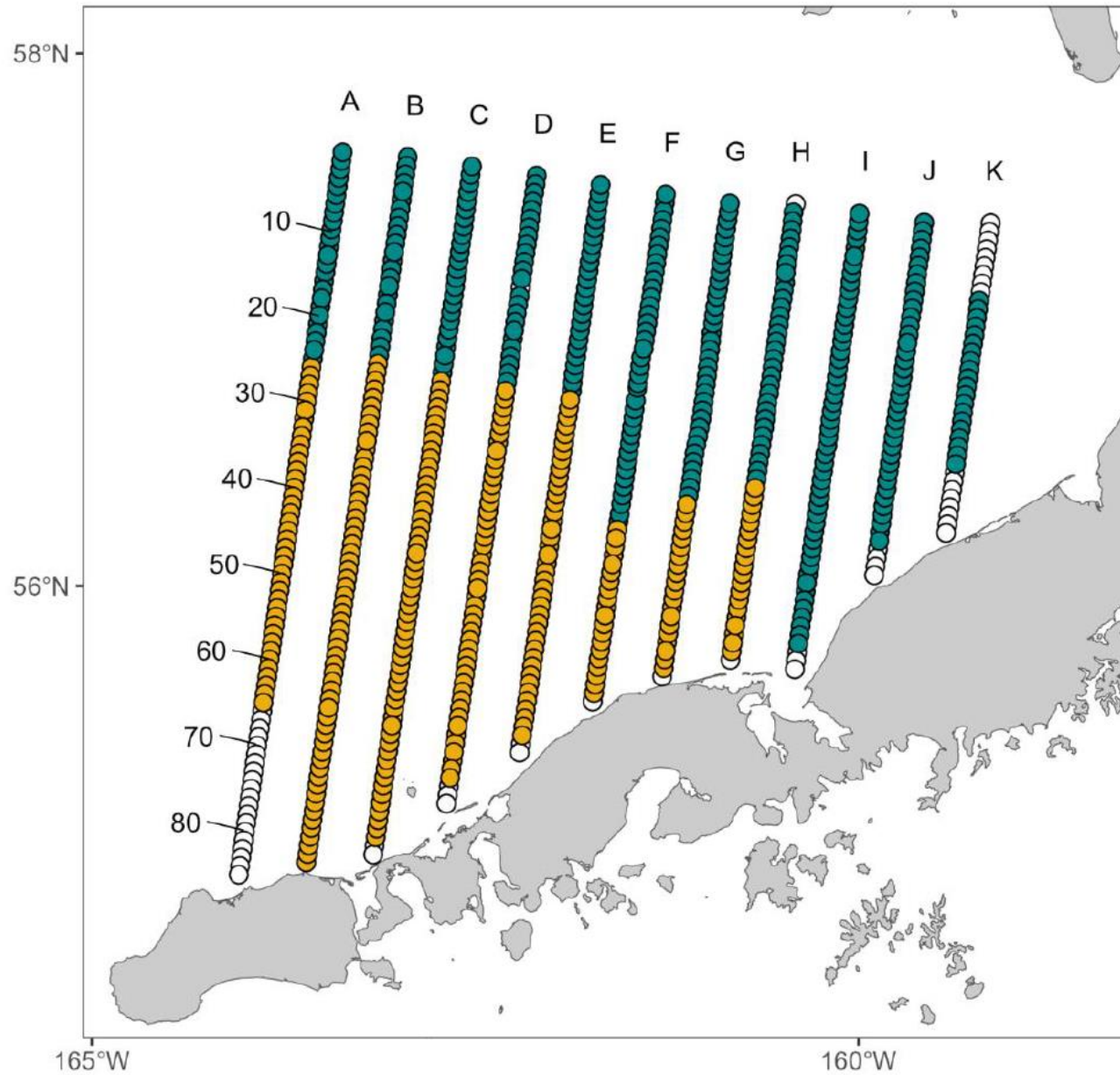
- Red King Crab Savings Area
- Red King Crab Savings Subarea
- Nearshore Bristol Bay Trawl Area

- Bristol Bay management boundary
- Area 516
- CPS1 survey extent

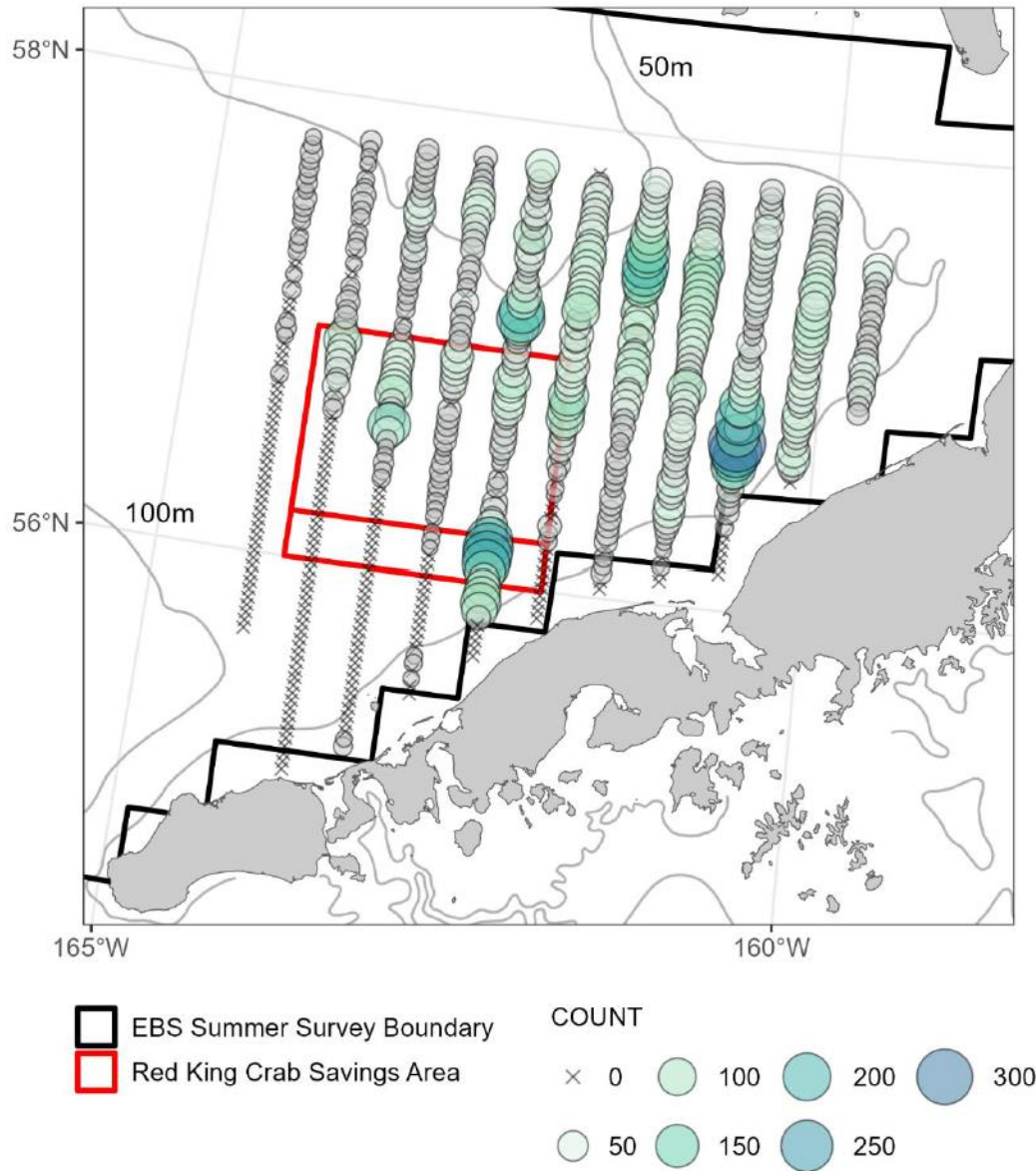
- Bycatch Limitation Zone 1
- Nearshore Bristol Bay Trawl Closure Area

➤ CPS2 2024

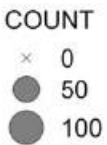
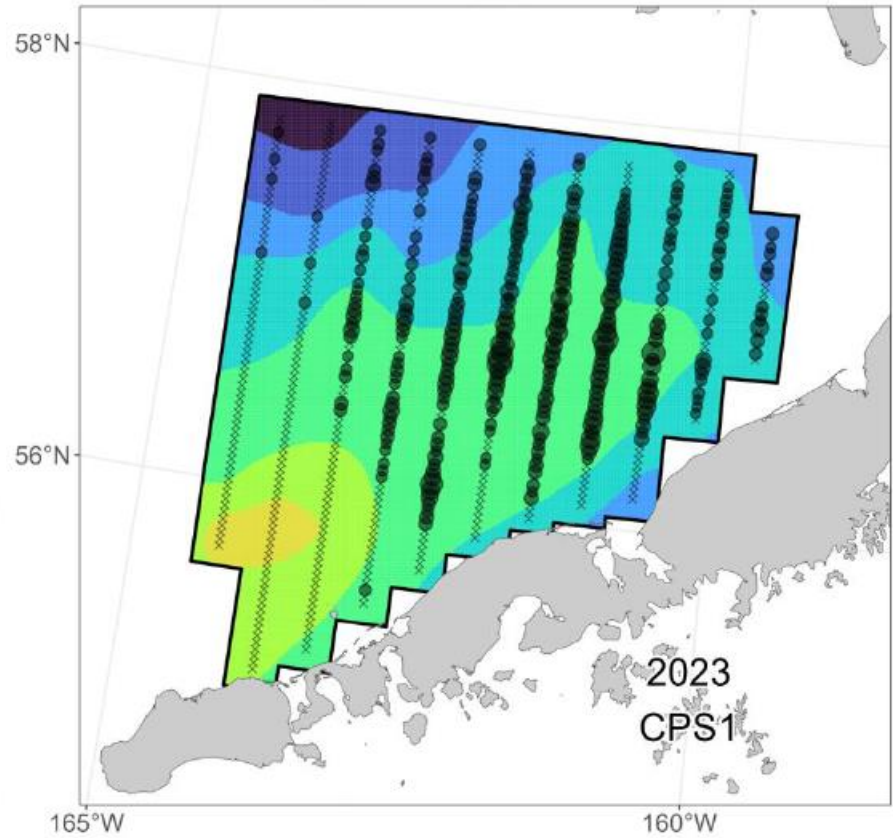
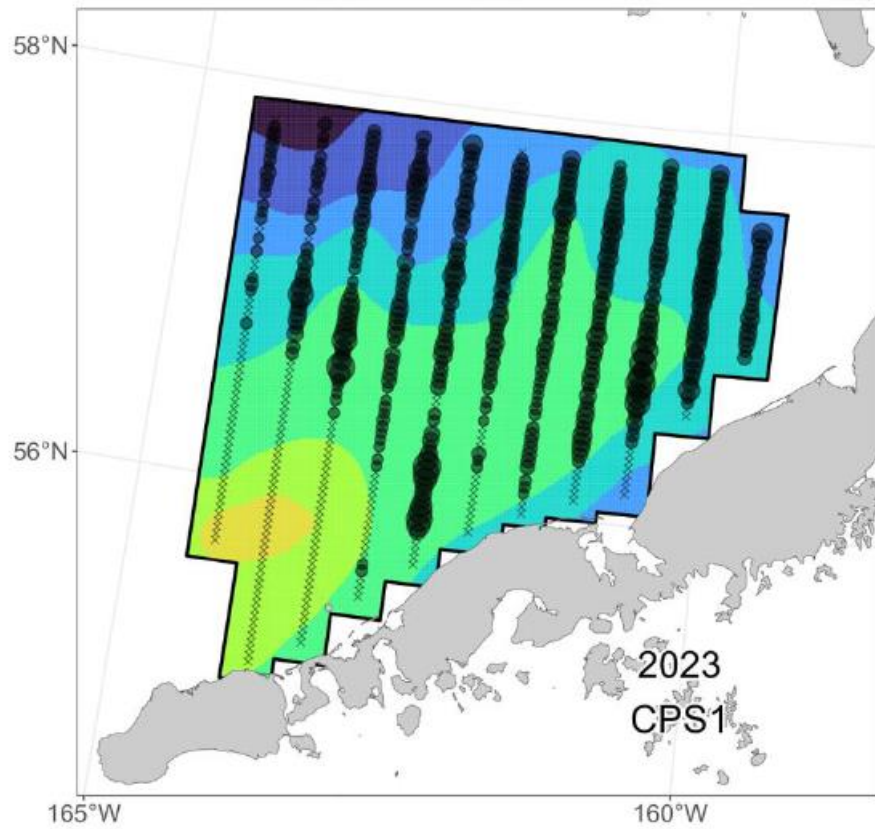
Survey vessel effort



➤ CPS2 2024



➤ CPS2 2024



➤ CPS2 2024





➤ CPS Surveys and Tagging Work

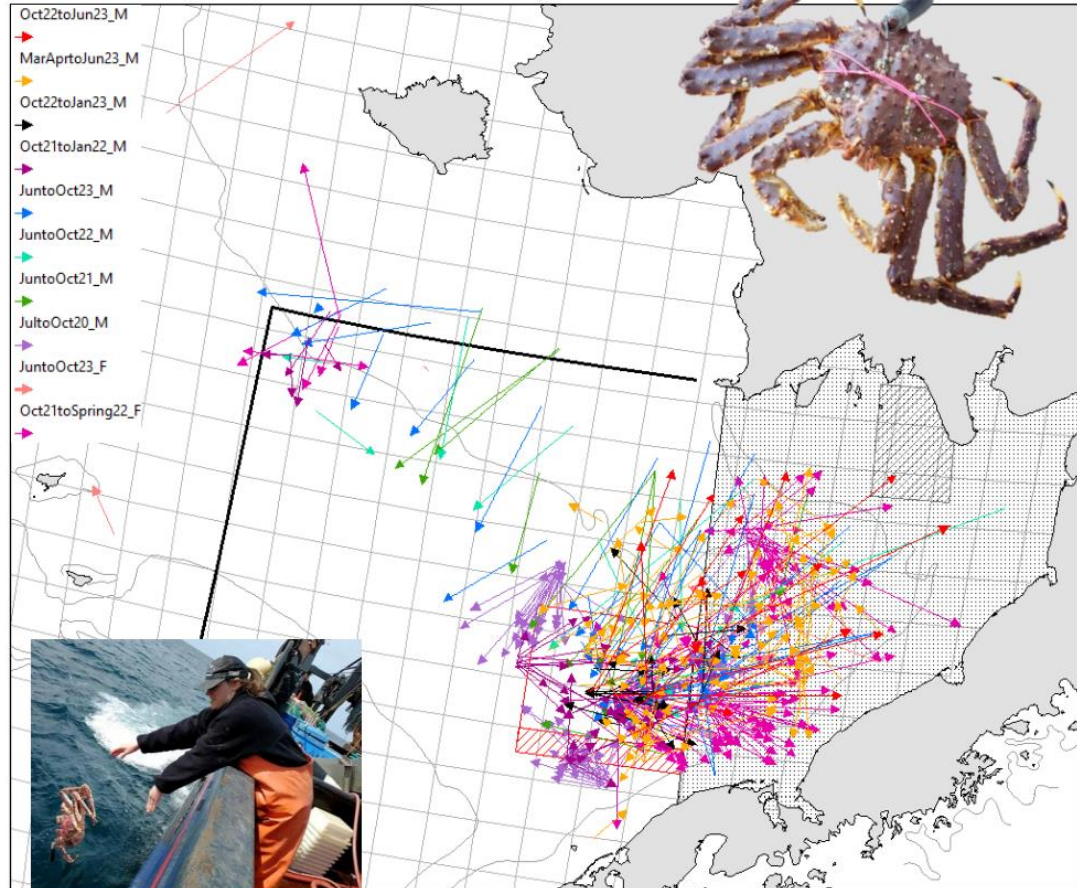
Preliminary Summaries

EBS RKC Tagging 2019-2023

Leah Zacher, Ben Daly, Andrew Nault, Vicki Vanek, Bob Foy, Mike Litzow, Scott Goodman, Madison Heller-Shipley, Tim Loher, Gordon Kruse



Sex	Time	Release	Recover	Success
Male	Jun to Oct 2019 (acoustic)	148	59	40%
Male	Jul to Oct 2020	84	79	94%
Male	Jun to Oct 2021	15	13	87%
Male	June to Oct 2022	16	13	81%
Male	June to Oct 2023	40	37	93%
Male	Nov 2021 to Jan 2022	90	46	51%
Male	Oct 2022 to Jan 2023	20	20	100%
Male	Oct 2022 to Jun 2023	20	15	75%
Male	March/April to Jun 2023	100	91	91%
Female	Nov 2021 to April/May 2022	225	116	52%
Female	Jun 2023 to Oct 2023	16	10	63%
Female	Jun 2023 to Jan 2023	27		
Female	Jun 2023 to Apr 2023	32		
Totals for Satellite Tags		685	440	79%





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**FV Vesteraalen, FV Seabrooke, and FV Arctic Lady
Likely leaving town <48 Hrs**

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