

BSFRF Research Update

May CPT

05.14.25



- *Research Projects/Progress*
- *Disaster Relief Research Planning*



Scott Goodman | Executive Director
Bering Sea Fisheries Research Foundation

Projects BSFRF is working on:

- Summaries of CPS surveys (BBRKC, CPSx)
- Summaries of May ('24) Snow Crab Workshop
- Planning for Opilio Sampling Project (OPS1)
[Including summary of OPP ('24 pilot)]
- CAMSLED2 – underway (FV Early Dawn)
- Tags – continuing w/ partners (BBRKC)
- **Opilio MSE – plans are in works (steering)**
- **Substantial Disaster Relief Research Planning**



Winter Spring BBRKC surveys -

- CPS1 – 2023, CPS2 – 2024, CPS3 – 2026...
- Postponed this year's CPS3 based on funding uncertainty
- Plans going forward include 3 additional iterations



Opilio Workshop



**Clawing Their Way Back:
A Comparative NL-AK Snow Crab Workshop
Toward Sustainable Management in Uncertain
Times**



Fisheries and Oceans
Canada



April 29 – May 1, 2024

Location: Fisheries & Marine Institute of Memorial University of Newfoundland
155 Ridge Rd. | St. John's, NL | A1C 5R3 | Industry Seminar Room

Chair: Gordon Kruse

Co-Chairs: Scott Goodman and Darrell Mullowney

Rapporteur: Raquel Ruiz-Diaz

Summary in Press:
Dr. Gordon Kruse et al.

Manuscript is near
Completion...

Opilio Pot Sampling 1 (OPS1)

Following the pilot sampling...
...more complete survey
planning underway



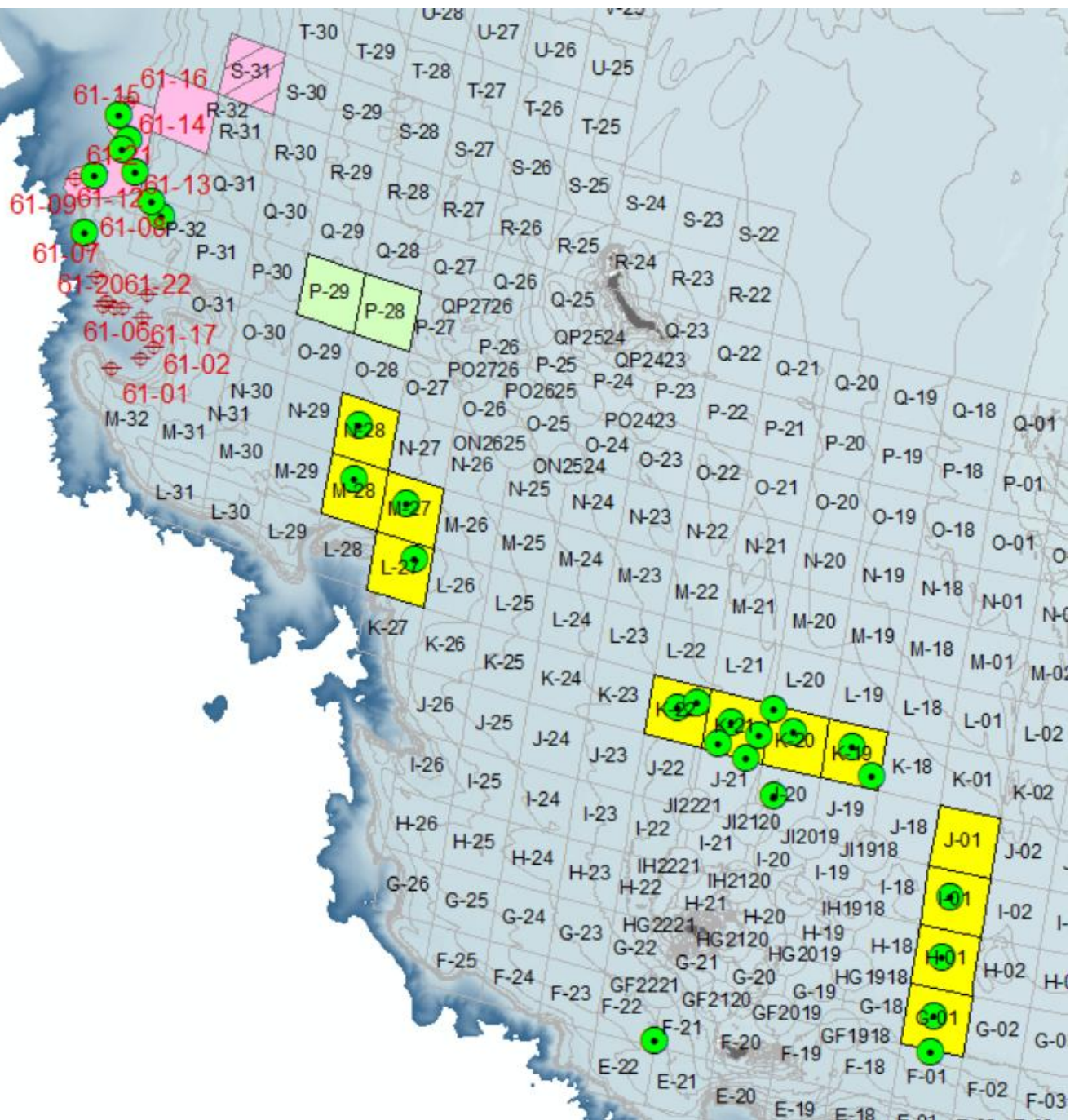
Opilio Pot Sampling 1 (OPS1)

Finalizing plans over coming weeks
Announcement for charters RFP soon
[2 crabbers, 1 trawler]

Some contingency plans in the works

BSFRF Science Team
reaching out to a few of you for help

Pilot Sampling Coverage



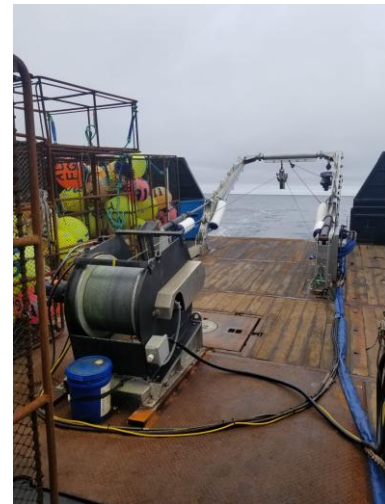
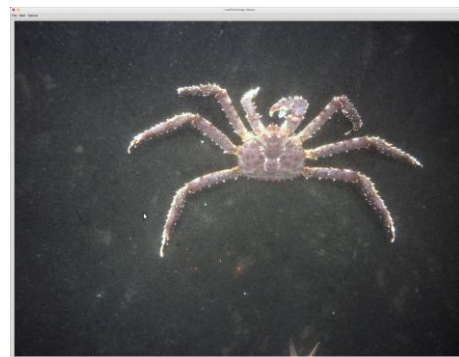


CAMSLED2



- Mentioned by the CPT already today
- Underway with FV Early Dawn (BSFRF charter)
- Dr. Weems, Dr. Loher, others onboard sharing
- Generally covering what was done last year
- Expanding time/area to sample across opilio area

More to report soon...





Snow Crab MSE



- Mentioned by the CPT already today
- BSFRF supports this, funding w/ collaborators
- Steering committee activity soon...
BSFRF-ADFG-NOAA-Others
- Intending to be well-integrated with stakeholders
Industry Ad-hoc Committee
- Follow the strategy used for bairdi MSE (2020)
- Should address biology, and other issues...

More to report soon...

Disaster Relief Research Planning → Bairdi, Opilio and BBRKC

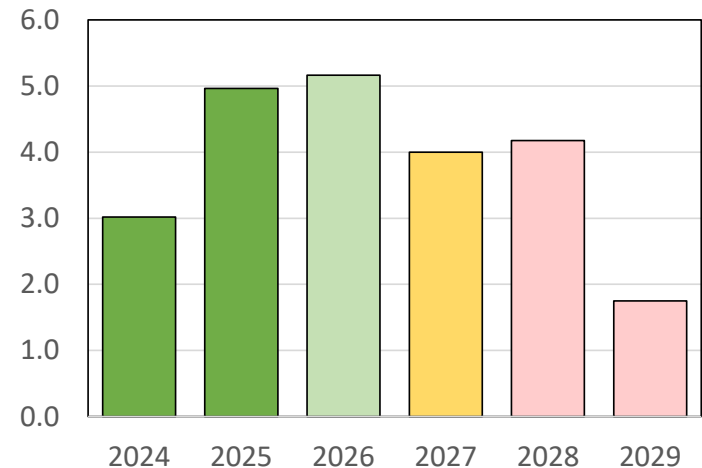
- Bairdi and BSS/BBR funds coming online

(not yet, ASAP)

- BSFRF Research Strategy for 2025-2028
 - Several projects/charters for opilio/BBRKC

Year	CPSx	OPSx	CAMSLED	Other
2025				
2026				
2027				
2028				

BSFRF Projected Budget Outlook



- Coordinating w/NPRB, update slides (from C. Siddon)

Disaster Relief Research Planning → Opilio and BBRKC [through NPRB]

No.	Title	PI	Contact	Org	Requested	Funded
5056	CLRUP North- Chionoecetes Left-to-Right and Under Pressure in a changing NBS	Andrew Seitz	acseitz@alaska.edu	UAF	\$1,423,255	\$1,423,255
5063	Top-to-Bottom assessment of early life snow crab ecology in a melting northern Bering Sea	Jared Weems	jared.weems@alaska.gov	ADFG	\$1,384,914	\$1,384,914
5065	Understanding the link between Bristol Bay red king crab larval supply and recruitment strength	Ben Daly	ben.daly@alaska.gov	ADFG	\$1,011,705	\$750,000
5067	Understanding lost crab pot degradation and impacts on the Bristol Bay red king crab stock	Scott Goodman	sgoodman@nrccorp.com	BSFRF	\$1,178,960	\$1,178,960
5077	Metabolic costs of migration for Bering Sea snow crab in response to rapid regional warming	Trond Kristiansen	trondkr@faralloninstitute.org	Farallon Institute	\$708,033	\$708,033
5079	Population genomics of Bristol Bay red king crab for fishery management and enhancement	Kristen Gruenthal	kristen.gruenthal@alaska.gov	State of Alaska	550,968	\$550,968
Total of Requested and Funded					\$5,706,867	\$5,996,130

Disaster Relief Research Planning → Opilio and BBRKC [through NPRB]

Reminders on process for the special crab RFP:

- all proposals went through the typical NPRB process:
- 2-4 anonymous peer reviews (these were mostly international folks)
- NPRB Science Panel review
- NPRB Advisory Panel review
- Final decision made by independent "Board" that consisted of people from:
 - DFO Canada
 - State of Maine
 - ADFG, NPFMC
 - NOAA RO, SSC
 - NEFSC, mid-Atlantic SSC

To Keep in Mind



Crab research update to council in June
Goodman, Litzow, Palof

...more details pending

To Keep in Mind



BSFRF
Bering Sea
Fisheries
Research
Foundation



Fall Crab Science Symposium – AGENDA

“Bering Sea Crab – Signs of Life, Disaster Relief, & New Research”

Date: Friday, September 13, 2024 [8:30 am – 1:30 pm] Seattle Time
IN-PERSON MEETING @ LEIF ERIKSON HALL, 2245 NW 57th ST. SEATTLE, WA 98107
Hybrid Meeting Options: Zoom Info Below

Plans for Fall 2025 Symposium starting soon...

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Available for questions anytime to our Science Advisors:

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Ms. Madison Heller-Shipley (mshipley@nrccorp.com)

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