

Bering Sea Crab Movement and Distribution



Leah Sloan Zacher

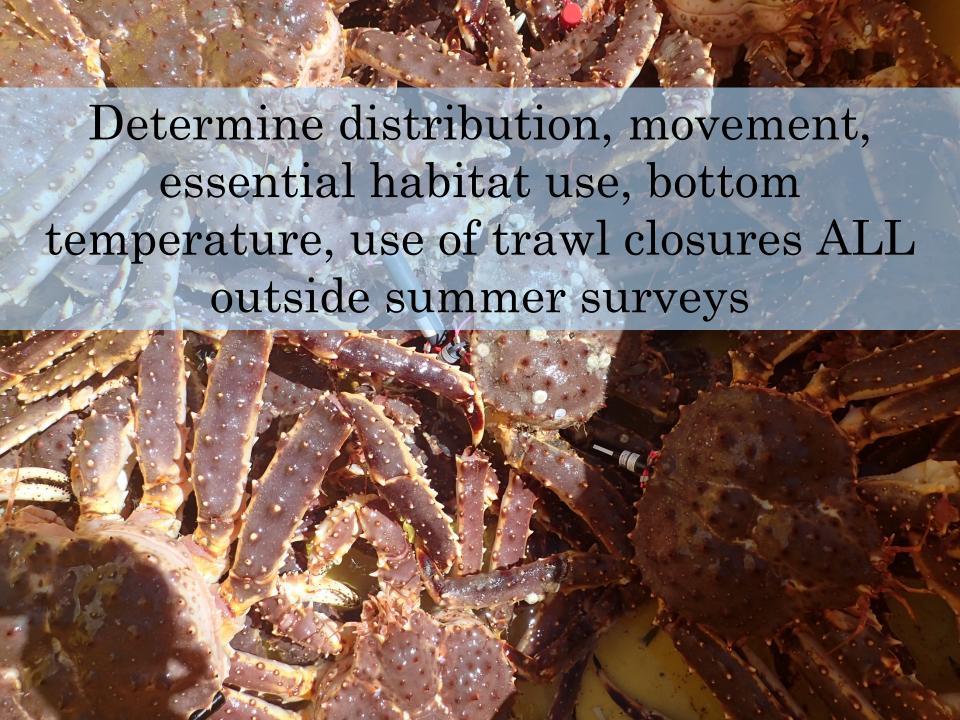






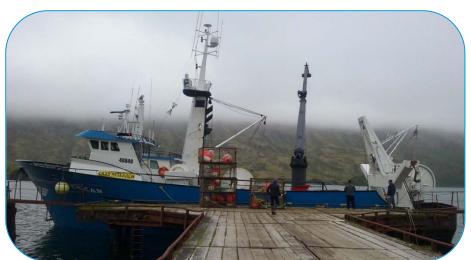
Tracking Red King Crab Movement using a Saildrone

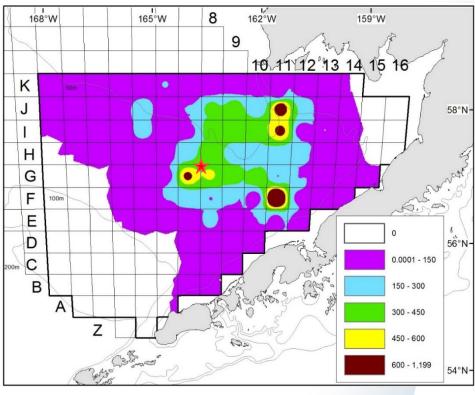




Tag Deployment







2019 Bristol Bay Red King Crab **Mature Males**

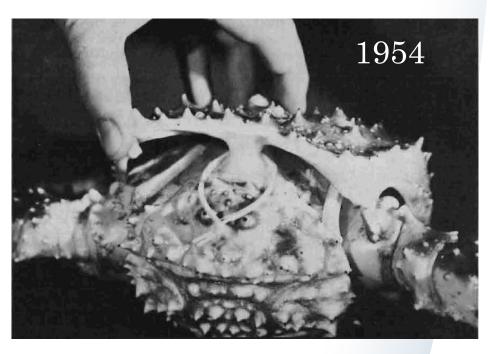
June 2019 – Set pots in high density red king crab area indicated by NMFS survey

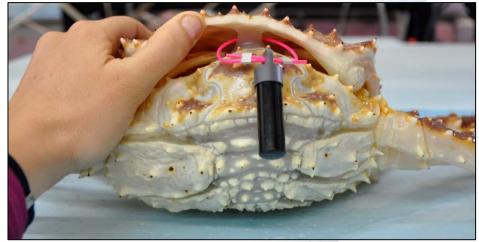


Tag Deployment









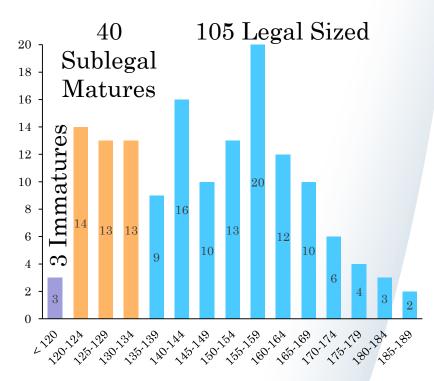


Tag Deployment





148 Tagged Crabs

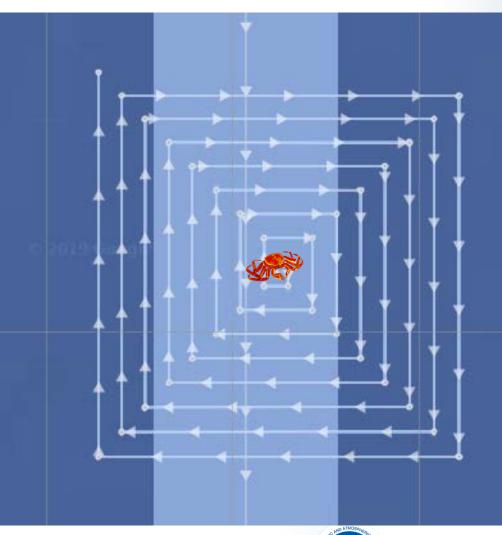




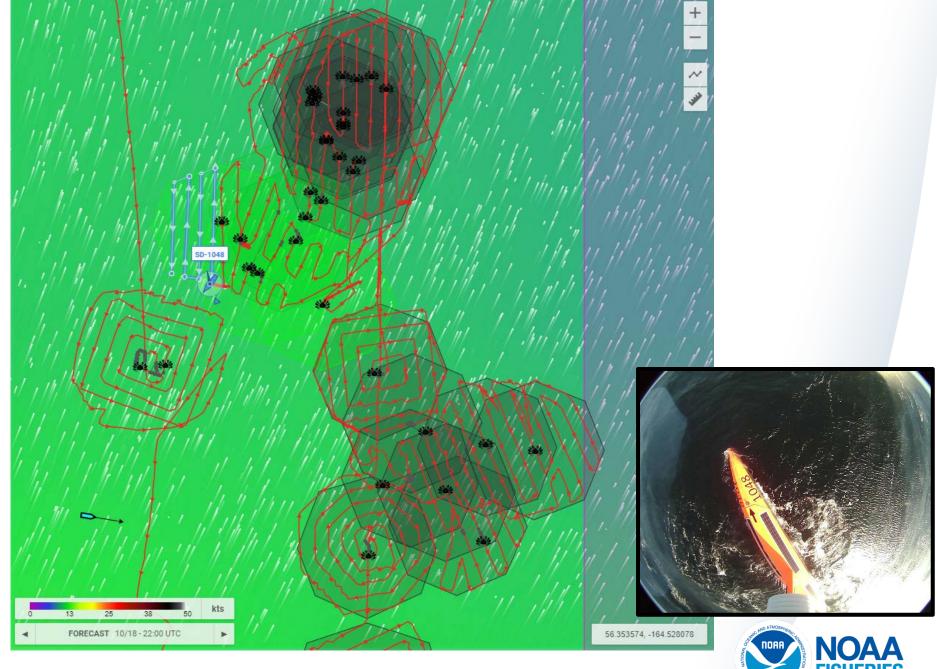


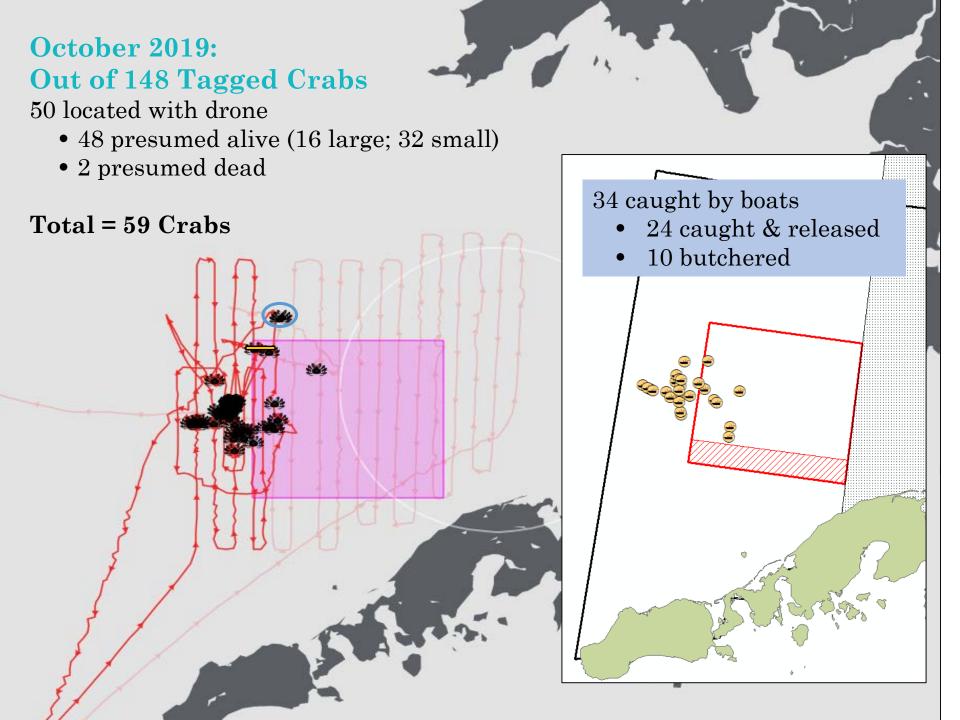
Tag Re-locations



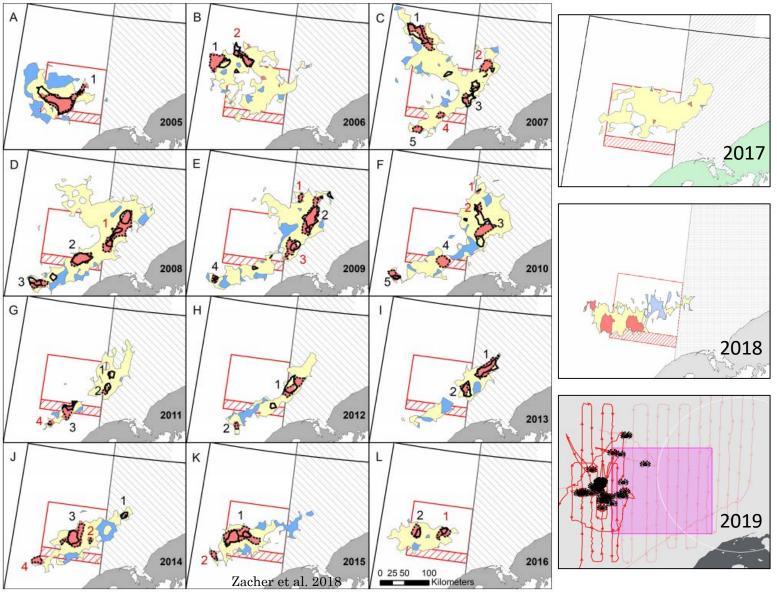








Recent October Distribution Shifts

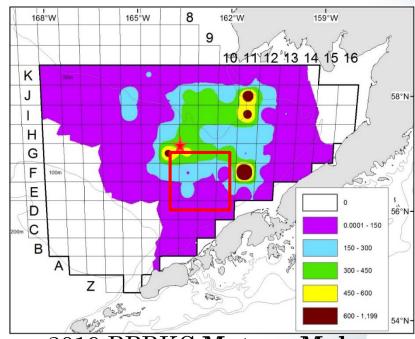


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Future Directions

Spring 2020 re-locate same crab





2019 BBRKC Mature Males

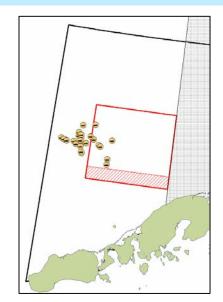


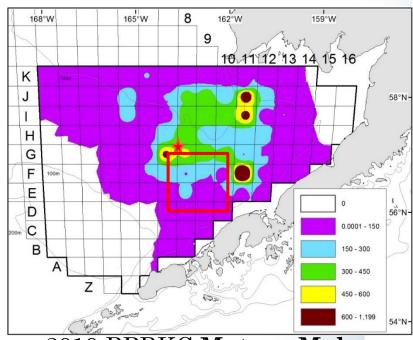
Future Directions

Extended Tagging Effort Summer 2020

Presumed 2019 Exploitation Rate

- 13% of legal males Tagged Crab Exploitation Rate
- 27% (28 tagged legals caught)





2019 BBRKC Mature Males







Historical Tagging







Historical Tagging Efforts

- 1955-61
- 1966-71
- 1973-88

