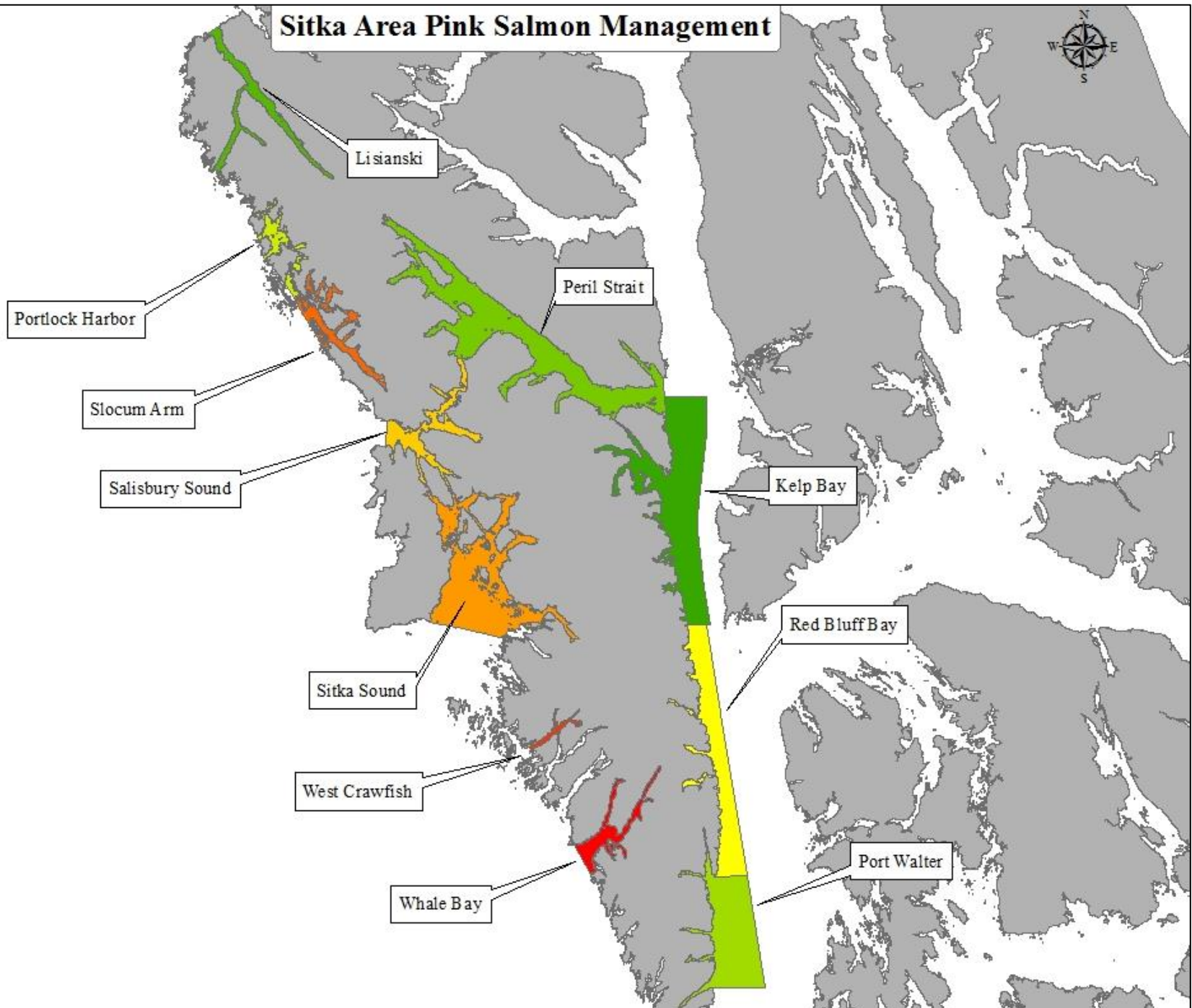


2021 Sitka Management Area Salmon Seine Summary

Aaron Dupuis
Area Management Biologist

Sitka Area Pink Salmon Management



2019 Sitka Management Area pink salmon summary

Lisianski
 Harvest - 208,000; 10-yr average - 892,000
 Peak escapement est. - 283,000
 Escapement range: 80,000-270,000

Portlock Harbor
 Harvest - 87,000; 10-yr average - 448,000
 Peak escapement est. - 342,000
 Escapement range: 40,000-130,000

Slocum Arm
 Harvest - 633,000; 10-yr average - 1,338,000
 Peak escapement est. - 373,000
 Escapement range: 160,000-520,000

Salisbury Sound
 Harvest - 93,000; 10-yr average - 749,000
 Peak escapement est. - 258,000
 Escapement range: 190,000-630,000

Sitka Sound
 Harvest - 24,000; 10-yr average - 811,000
 Peak escapement est. - 125,000
 Escapement range: 210,000-700,000

West Crawfish Inlet
 Harvest - 1,000; 10-yr average - 50,000
 Peak escapement est. - 9,000
 Escapement range: 30,000-100,000

Whale Bay
 Harvest - 37,000; 10-yr average - 19,000
 Peak escapement est. - 143,000
 Escapement range: 40,000-150,000

Peril Strait
 Harvest - Not opened; 10-yr average - 332,000
 Peak escapement est. - 202,000
 Escapement range: 320,000-760,000

Kelp Bay
 Harvest - Not opened; 10-yr average - 249,000
 Peak escapement est. - 139,000
 Escapement range: 60,000-140,000

Red Bluff Bay
 Harvest - 30,000; 10-yr average - 222,000
 Peak escapement est. - 81,000
 Escapement range: 90,000-210,000

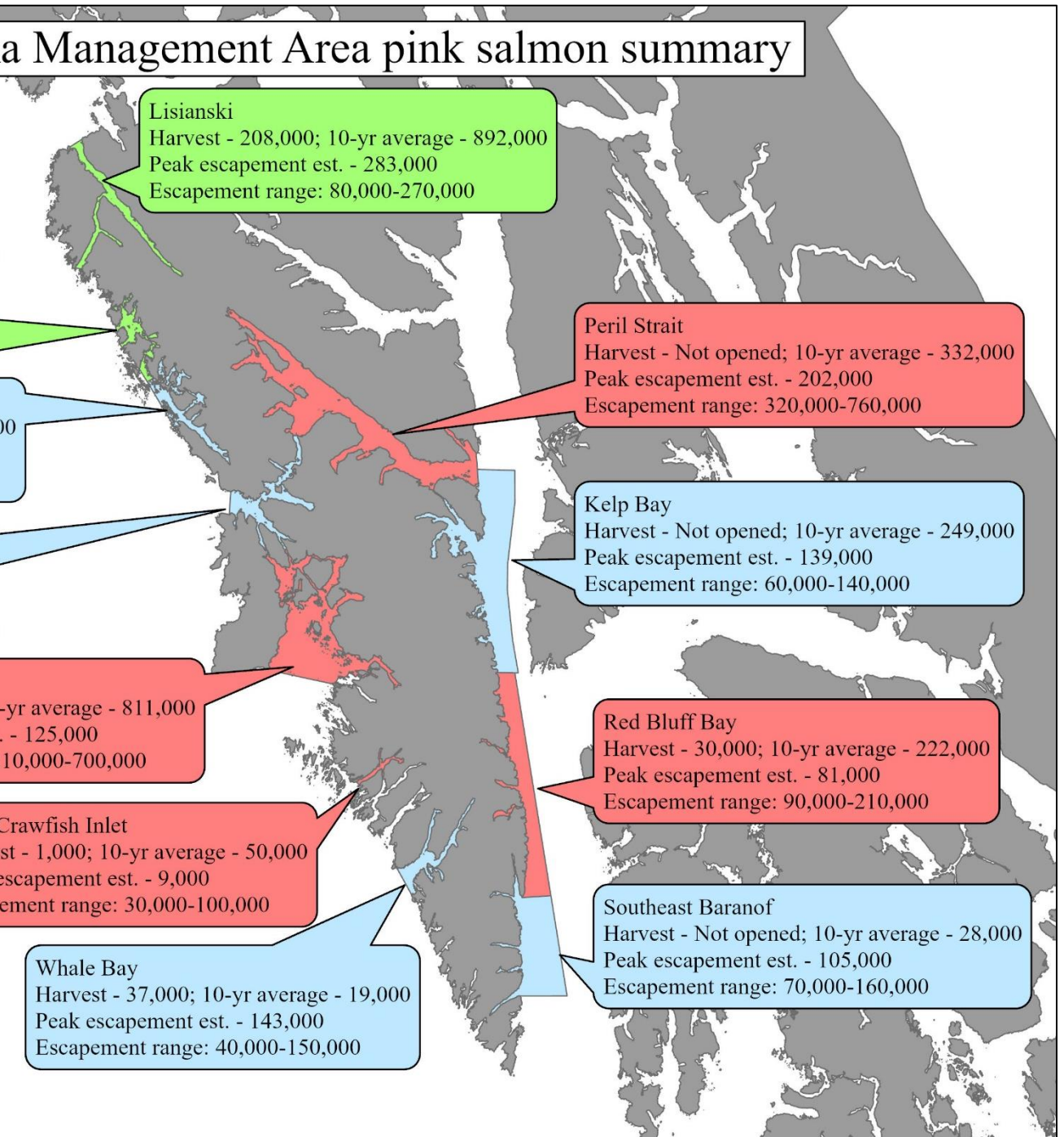
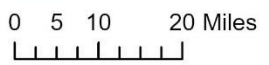
Southeast Baranof
 Harvest - Not opened; 10-yr average - 28,000
 Peak escapement est. - 105,000
 Escapement range: 70,000-160,000



Sitka stock groups

Pink salmon index goal

- Above Range
- Below Range
- Within Range



2021 Sitka Management Area pink salmon summary

Lisianski
 Harvest - 278,000; 10-yr average - 951,000
 Peak escapement est. - 488,000
 Escapement range: 80,000-270,000

Portlock Harbor
 Harvest - 179,000; 10-yr average - 448,000
 Peak escapement est. - 392,000
 Escapement range: 40,000-130,000

Slocum Arm
 Harvest - 1,244,000; 10-yr average - 1,121,000
 Peak escapement est. - 453,000
 Escapement range: 160,000-520,000

Salisbury Sound
 Harvest - 378,000; 10-yr average - 758,000
 Peak escapement est. - 283,000
 Escapement range: 190,000-630,000

Sitka Sound
 Harvest - Not opened; 10-yr average - 750,000
 Peak escapement est. - 195,000
 Escapement range: 210,000-700,000

West Crawfish Inlet
 Harvest - Not opened; 10-yr average - 50,000
 Peak escapement est. - 10,000
 Escapement range: 30,000-100,000

Whale Bay
 Harvest - Not opened; 10-yr average - 19,000
 Peak escapement est. - 42,000
 Escapement range: 40,000-150,000

Peril Strait
 Harvest - Not opened; 10-yr average - 369,000
 Peak escapement est. - 323,000
 Escapement range: 320,000-760,000

Kelp Bay
 Harvest - Confidential; 10-yr average - 249,000
 Peak escapement est. - 95,000
 Escapement range: 60,000-140,000

Red Bluff Bay
 Harvest - Not opened; 10-yr average - 222,000
 Peak escapement est. - 114,000
 Escapement range: 90,000-210,000

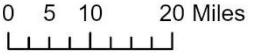
Southeast Baranof
 Harvest - Not opened; 10-yr average - 28,000
 Peak escapement est. - 48,000
 Escapement range: 70,000-160,000



Sitka stock groups

Pink salmon index goal

- Above Range
- Below Range
- Within Range



Sitka Management Area pink salmon run comparison 2021 vs 2019

Lisianski
2021 - 766,000 pinks
2019 - 491,000 pinks

Portlock Harbor
2021 - 652,000 pinks
2019 - 429,000 pinks

Slocum Arm
2021 - 1,697,000 pinks
2019 - 1,006,000 pinks

Salisbury Sound
2021 - 662,000 pinks
2019 - 350,000 pinks

Sitka Sound
2021 - 200,000 pinks
2019 - 149,000 pinks

West Crawfish
2021 - 11,000 pinks
2019 - 10,000 pinks

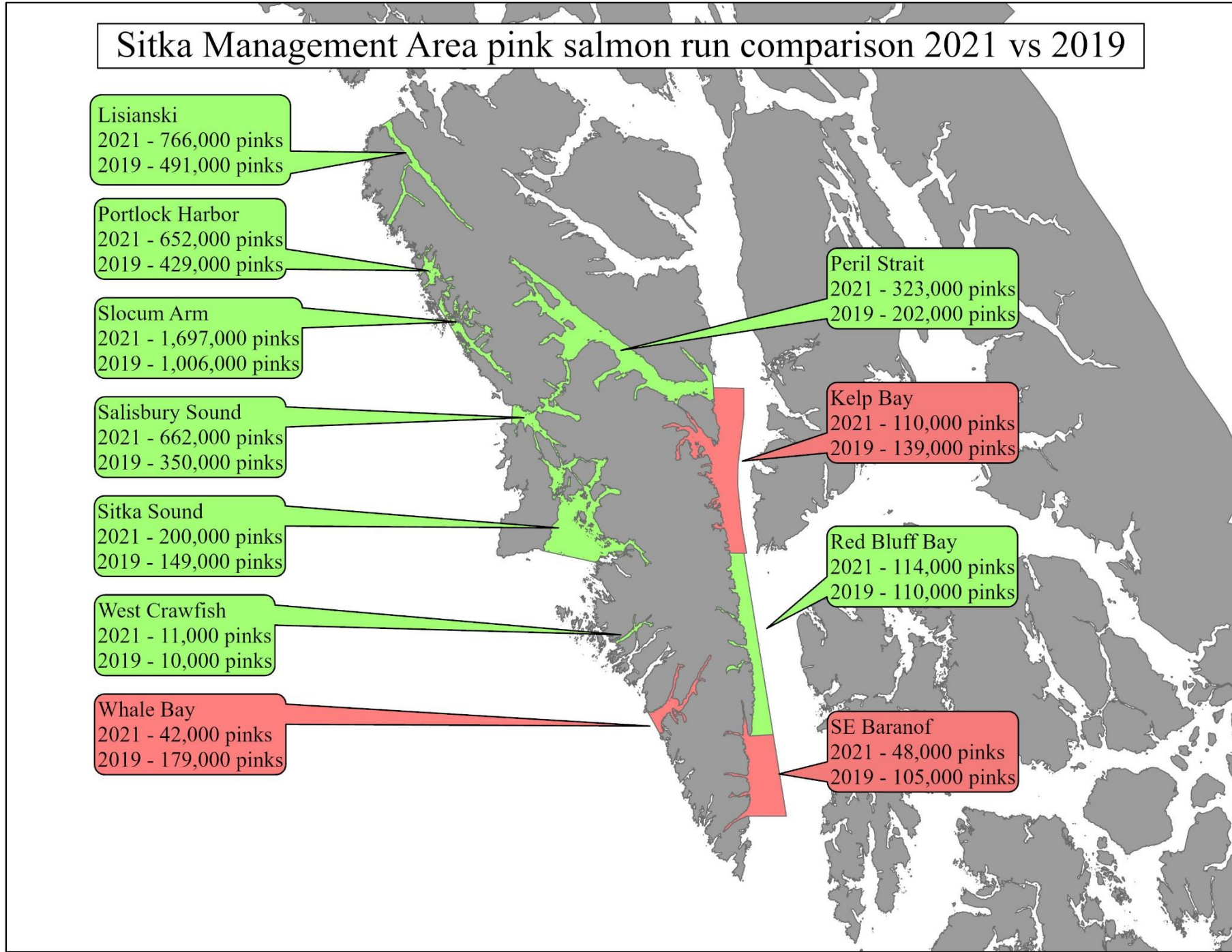
Whale Bay
2021 - 42,000 pinks
2019 - 179,000 pinks

Peril Strait
2021 - 323,000 pinks
2019 - 202,000 pinks

Kelp Bay
2021 - 110,000 pinks
2019 - 139,000 pinks

Red Bluff Bay
2021 - 114,000 pinks
2019 - 110,000 pinks

SE Baranof
2021 - 48,000 pinks
2019 - 105,000 pinks



2020 Sitka Management Area pink salmon summary

Lisianski
 Harvest - Not opened; 10-yr average - 892,000
 Peak escapement est. - 118,000
 Escapement range: 80,000-270,000

Portlock Harbor
 Harvest - 1,000; 10-yr average - 448,000
 Peak escapement est. - 197,000
 Escapement range: 40,000-130,000

Slocum Arm
 Harvest - 71,000; 10-yr average - 1,338,000
 Peak escapement est. - 396,000
 Escapement range: 160,000-520,000

Salisbury Sound
 Harvest - 111,000; 10-yr average - 749,000
 Peak escapement est. - 408,000
 Escapement range: 190,000-630,000

Sitka Sound
 Harvest - 160,000; 10-yr average - 811,000
 Peak escapement est. - 495,000
 Escapement range: 210,000-700,000

West Crawfish Inlet
 Harvest - 3,000; 10-yr average - 50,000
 Peak escapement est. - 63,000
 Escapement range: 30,000-100,000

Whale Bay
 Harvest - 1,000; 10-yr average - 19,000
 Peak escapement est. - 88,000
 Escapement range: 40,000-150,000

Peril Strait
 Harvest - Not opened; 10-yr average - 332,000
 Peak escapement est. - 431,000
 Escapement range: 320,000-760,000

Kelp Bay
 Harvest - Not opened; 10-yr average - 249,000
 Peak escapement est. - 117,000
 Escapement range: 60,000-140,000

Red Bluff Bay
 Harvest - Not opened; 10-yr average - 222,000
 Peak escapement est. - 66,000
 Escapement range: 90,000-210,000

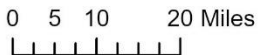
Southeast Baranof
 Harvest - Not opened; 10-yr average - 28,000
 Peak escapement est. - 49,000
 Escapement range: 70,000-160,000



Sitka stock groups

Pink salmon index goal

- Above Range
- Below Range
- Within Range



2021 chum salmon

- Monitored wild chum salmon runs performed poorly within the Sitka Management Area in 2021.
- Peak chum salmon escapements were below management targets for both inside and outside areas.
- There were no seine openings in the Sitka Management Area to target wild chum salmon in 2021.

2021 chum salmon: West Crawfish Inlet

- Continued use of seine openings to reduce negative impacts of straying hatchery produced chum salmon.
- Openings were concurrent with Deep Inlet and Crawfish Inlet THA openings.
- Boundaries similar to previous years and chosen to reduce impacts on wild stocks and reduce conflict with the troll fishery.
- Few chum salmon were present in W. Crawfish Inlet chum salmon index stream in September.

2021 chum salmon: Silver Bay

- Large numbers of chum salmon were observed staged by Sawmill Creek in late August.
- Opening occurred on September 2 and was concurrent with Deep Inlet and Crawfish/West Crawfish Inlet openings.
- Boundaries chosen to target fish staging by Sawmill Creek and to keep fishing activity away from sensitive areas.
- Chum salmon harvest was smaller than expected.

Questions?