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AVO

Acoustic Vessel-of-Opportunity

Nathan Lauffenburger

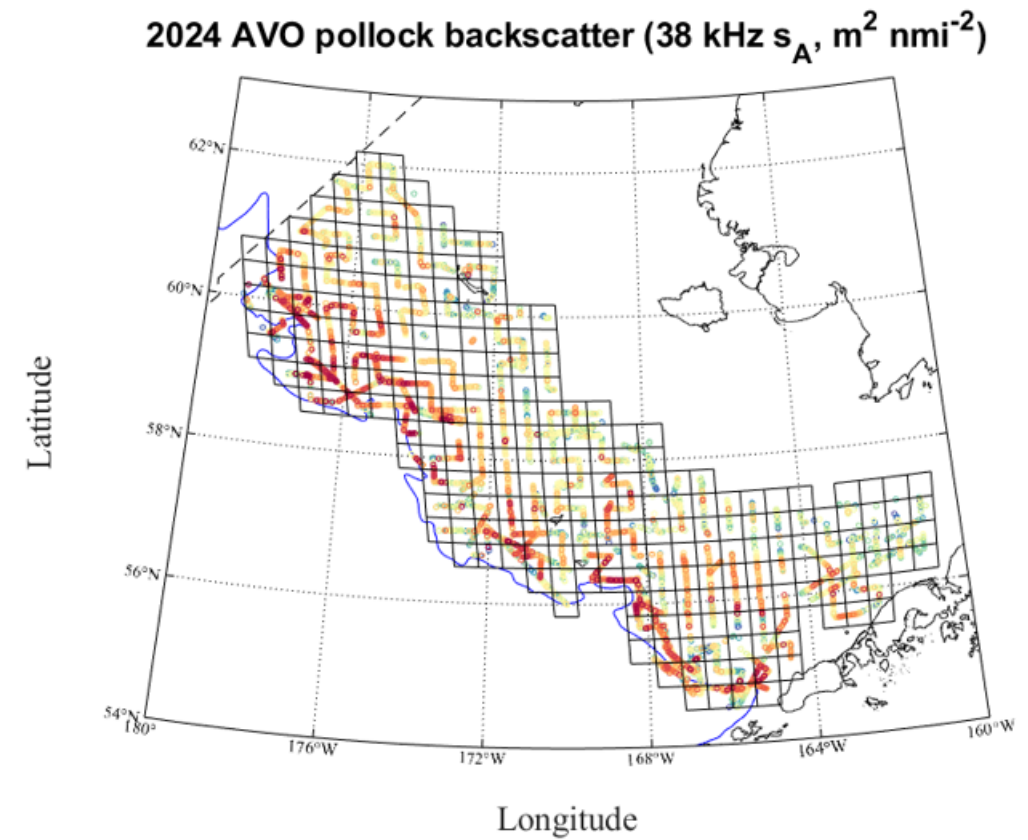
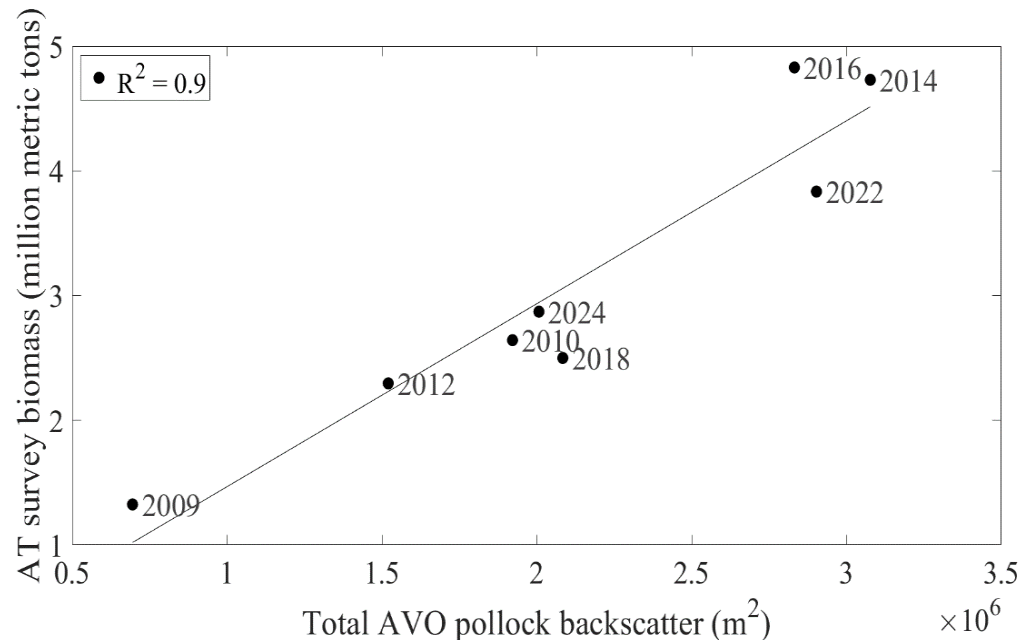
Taina Honkalehto

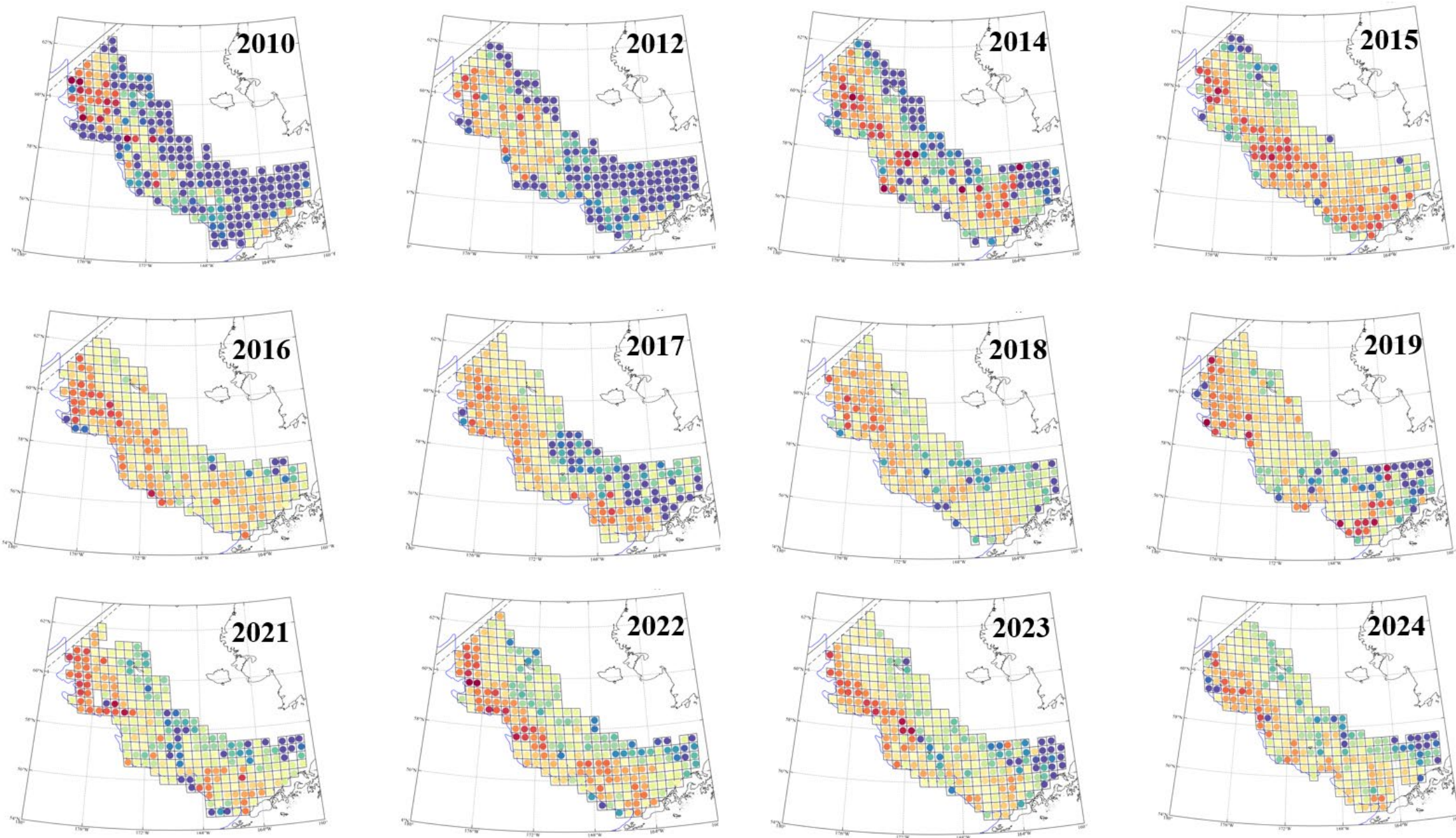
MACE

Midwater Assessment and Conservation Engineering Program

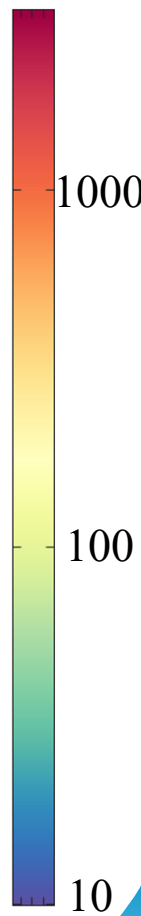
AVO

- Annual index of midwater pollock backscatter from bottom trawl (BT) survey acoustics:
 - This works well because the midwater is primarily pollock
- There are no concurrent midwater trawls during the BT survey:
 - Do not know pollock size composition from AVO data
- Provides information on midwater pollock in years when the acoustic-trawl (AT) survey is not conducted (odd years)

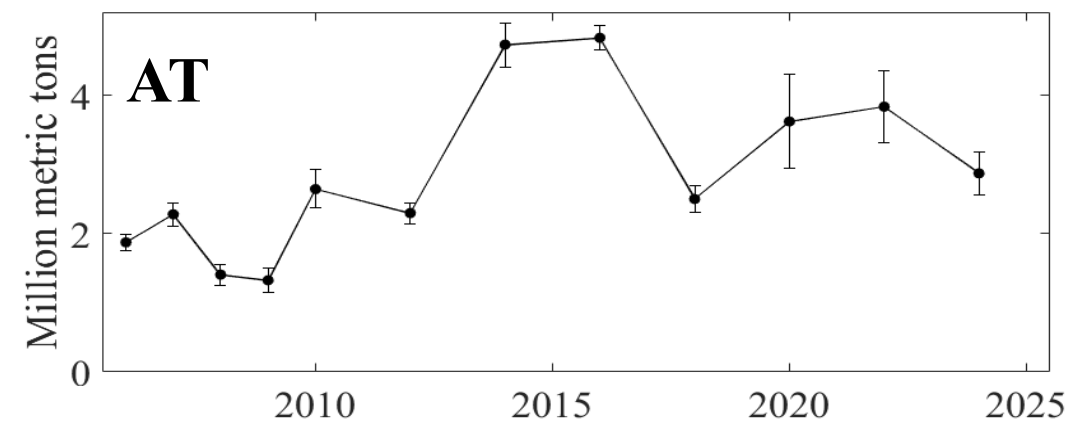
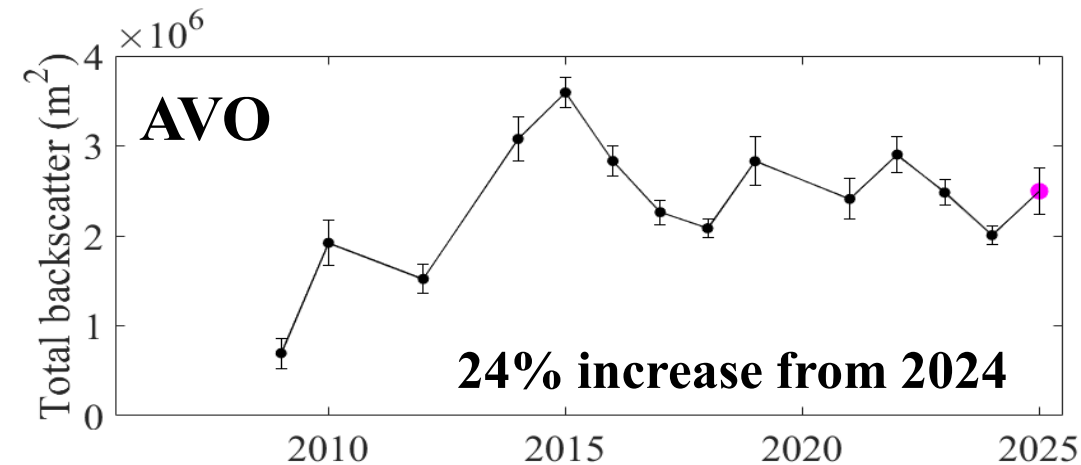
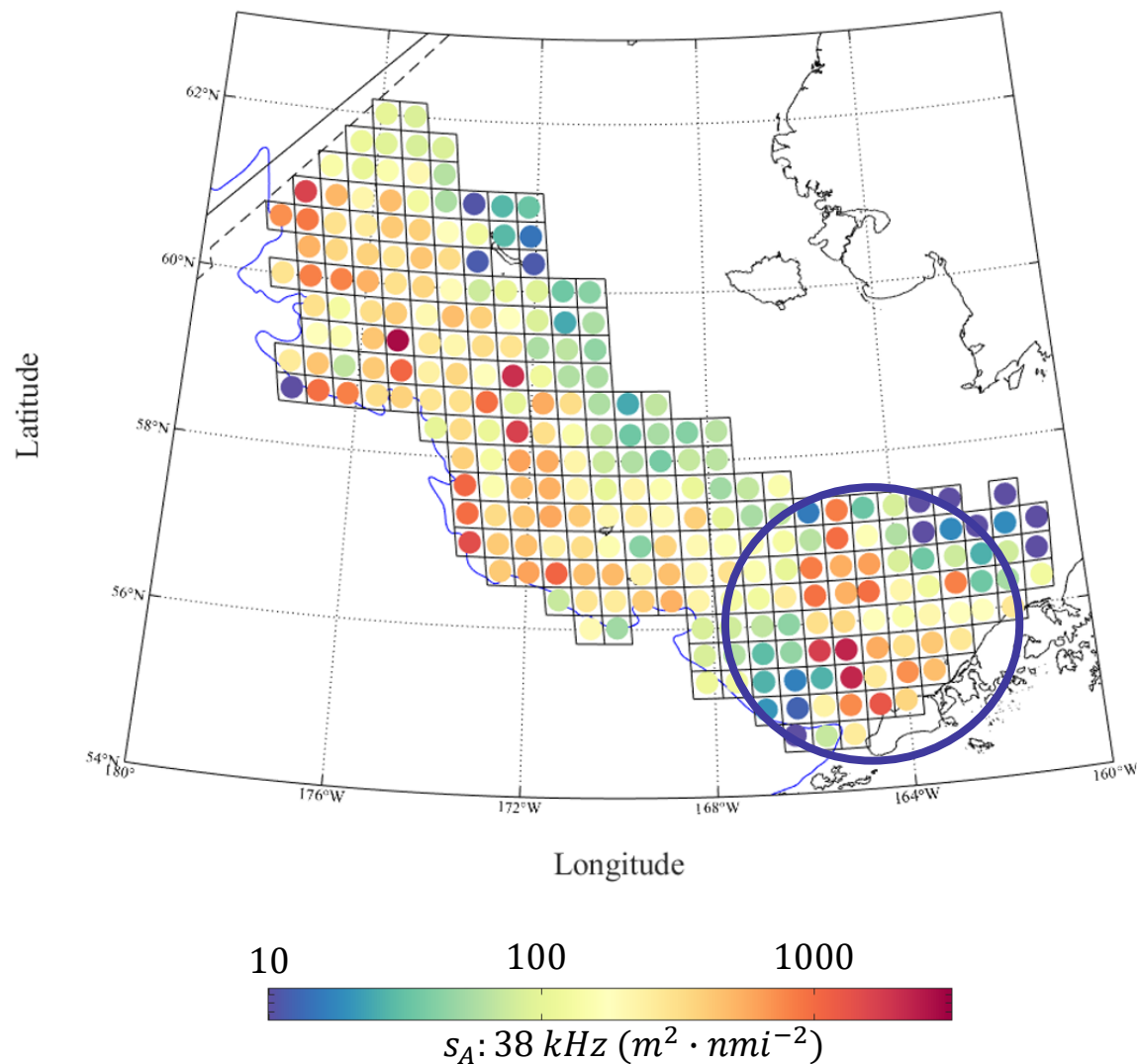




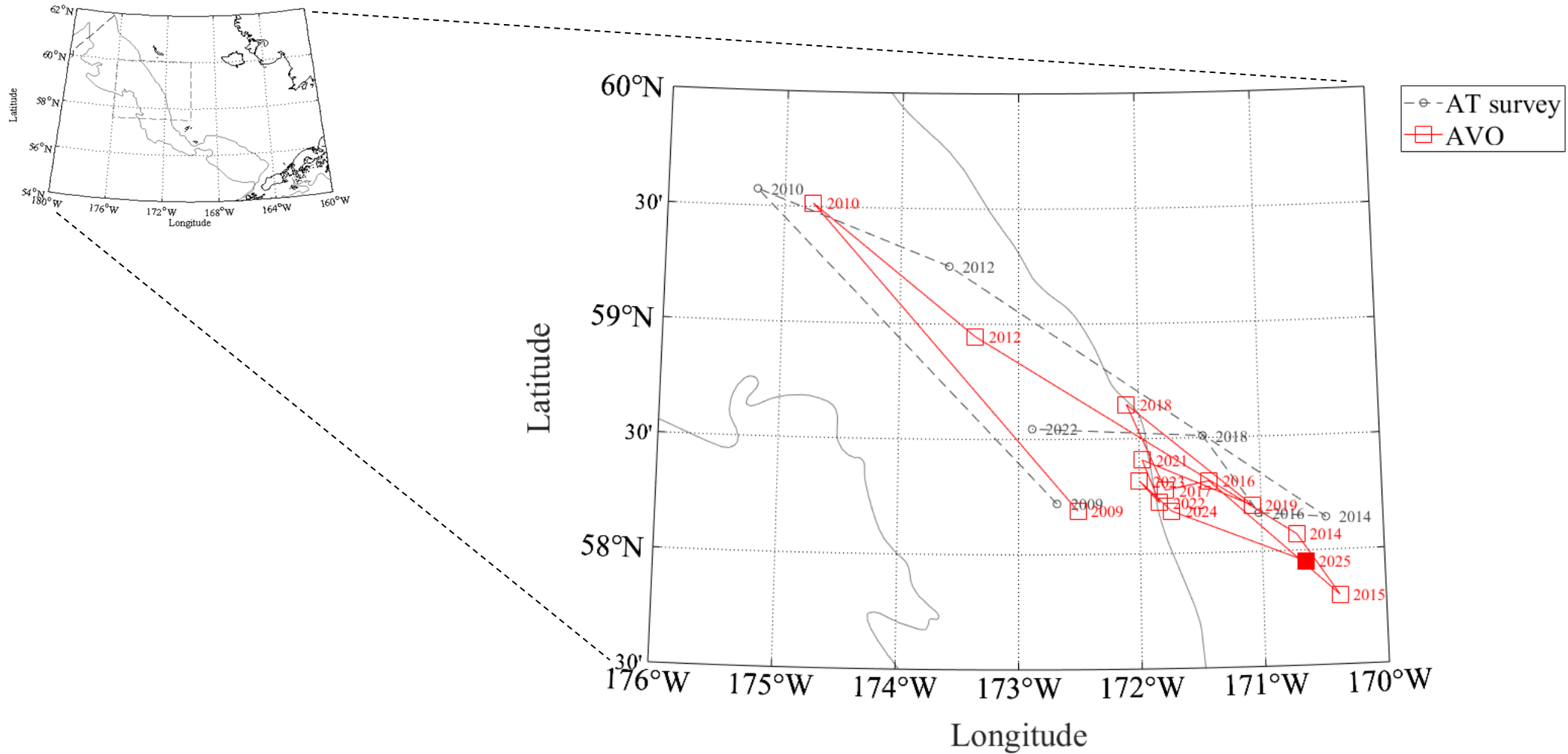
s_A 38 kHz
 $(m^2 \cdot nmi^{-2})$



Preliminary 2025 AVO estimate



Center of gravity- AVO 2025 midwater pollock



Questions?

Thanks to bottom trawl personnel for collection quality acoustic data
and performing calibrations!



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