Partial Coverage Evaluations

Discussion with PCMFAC
April 19, 2021
Resources

Programs to Integrate into Annual Deployment Plan

- Reduce trips in observer pool
- BSAl Pacific Cod LAPP
- Trawl EM EFP → Regulated Program
- Shoreside Observer Deployment
- Fixed Gear EM (Existing and Expansion)
- Random At-Sea Deployment of Observers with Optimization

EM hardware costs
EM review costs
Shoreside observers – days not included in 2000 day minimum program size

2000 day minimum program size
Modifications made to include:
- Quarantine costs
- Shoreside observers

Supplemental Federal Funds
Monitoring Fee
Annual Deployment Plan - Need for Integration

- Balance for fiscal sustainability & cost efficiency
  - As more monitoring programs are added, need to evaluate each for cost efficiency
  - Consider data collection breadth when evaluating costs
  - Consider monitoring coverage levels achieved for cost
- Upcoming changes to trawl in partial coverage
  - Trawl EM
  - BSAI Pacific Cod LAPP
- Integrated monitoring (combining EM and observers) - evaluate each data collection method and design sampling that combines both to be most effective.
  - Analysis on impacts to stock assessment and alternatives for filling
    - Evaluate cost of these alternatives
- New partial coverage contract?
  - May be required to achieve a holistic monitoring program
- Supporting EM equipment for both trawl and fixed gear
- Supporting EM review costs for both trawl and fixed gear
Draft and Final Annual Deployment Plan

2022

Trawl EM Regulation Development and Implementation

2023

Final Annual Deployment Plan

2022 Annual Deployment Plan rolls forward.
- Conduct analyses and evaluations of baseline coverage needs for weights (to inform EM); re-evaluate zero-coverage pool; sampling plans for observers (port-based, trip-based, shoreside with maximized retention); re-evaluate strata, etc.
- Collect stakeholder input and feedback throughout the process.

2024

New partial coverage contract reflecting “right sized” minimum sea days and shoreside days

Draft and Final Annual Deployment Plan

2024 ADPs would incorporate information from analyses conducted throughout 2022-2023.

Evaluate port-based or trip-based deployments:
*2020 (original) model for trip-based
*2021 model for port-based.