

Electronic Technologies Policy Development



NOAA
FISHERIES

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Council Coordination Committee



NOAA Fisheries ET Policy Directive - 2013

- Objectives
 - Encouragement to adopt ET
 - Design to be effective and efficient, meet all needs
 - Consider a combination of technologies
 - Consider EM for compliance with retention regulations
 - Utilize open source code and standards
 - NOAA Fisheries will assemble guidance/best practices
 - Consider a range of funding authorities
 - Coordinate costs between the Agency and industry

NOAA Fisheries ET Policy Directive - 2013

- Authorities and Responsibilities
 - NOAA Fisheries Science and Regulatory Board
 - Technical assistance from *ad hoc* working group
 - Guidance subject to Leadership Council concurrence with NMFS AA
- Implementation
 - Regional Offices (and SF with respect to Atlantic HMS)
 - Consult w/ Centers, Councils, States, Commissions, industry, and others
- Measuring Effectiveness (*Regional Plans*)
 - Develop a schedule of where and how to adopt technologies
 - Metrics used to evaluate progress
 - # of FMPs with defined monitoring goals
 - # of FMPs that ET would be appropriate
 - # of FMPs with ET incorporated
 - Review bi-annually by Regulatory and Science Boards.

Updated ET Policy Directive - 2013

- Electronic Technologies Policy Directive
 - Revise for Fall 2018 Leadership Council
 - Guidance on new ET plans, a plan template, and EM cost template
 - Develop new ET plans before 2019 funding cycle
- 2019 Regional ET Implementation Plans
 - Include 5-year vision for data modernization
 - Council actions on EM, ER, VMS (n=3)
 - Research, development, and pilot projects
 - Data integration and interoperability (e.g., One touch reporting)
 - Impediments to implementation; identify resource needs
 - Tables to track metrics for EM, ER, and VMS
 - EM cost allocation procedural directive – cost template
 - Sampling (Industry) and Administrative (Agency) categories

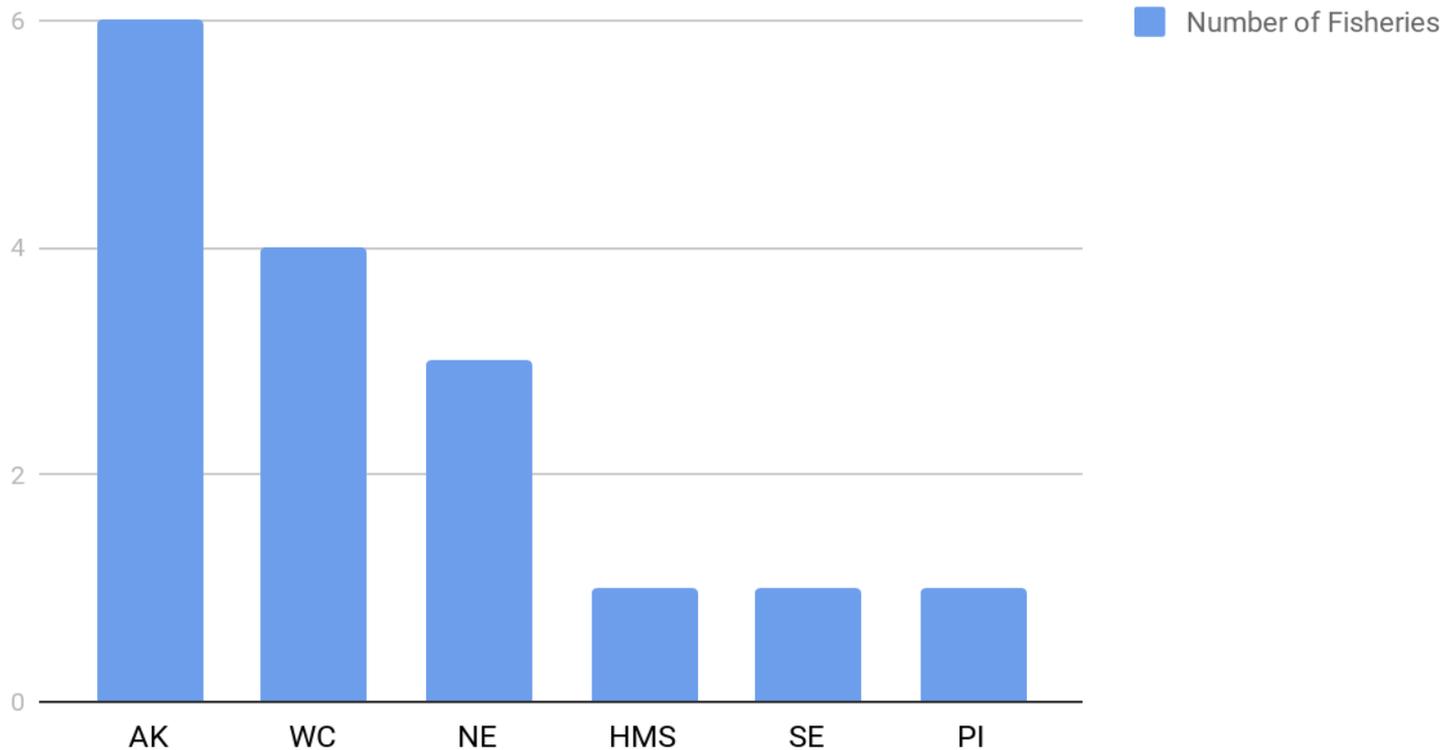
Additional EM Policy Development

- EM Cost Allocation Procedural Directive
 - Presented to NEFMC (April); Observer Advisory Committee (May 25)
 - Presented to NPFMC Observer Advisory Committee (May 16)
 - Comments due Aug 1
- Standards, minimum requirements, & best practices
 - National working group to make recommendations on:
 - Video retention (first priority)
 - Hardware and Software
 - EM service provider auditing
 - Data report (from video), access, management, and handling
 - Video and data transmission
 - Writing statements of work; provider approval and appeal process

EM Video Storage Survey

- 16 Federal programs and pilot projects

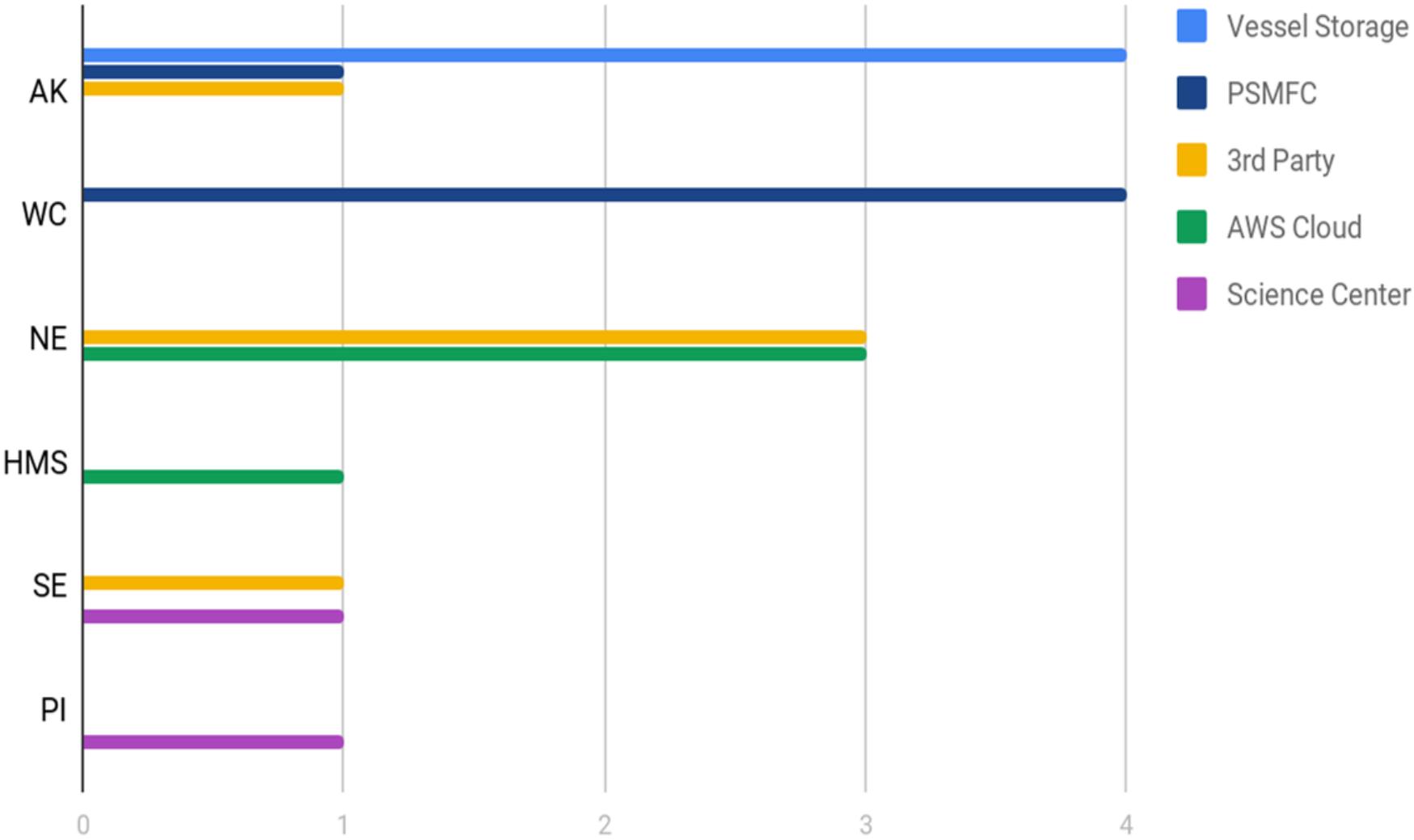
Fisheries Using Electronic Monitoring



EM Video Storage Survey

- Contractors include AMR, Ecotrust, ERT, GMRI, Saltwater
- 94% of video retrieved physically (mail or in-person)
- 100% of video data is encrypted
- Most video reviewed within 10 business days or less
- Video generally accessed 5 times or less in Year 1
- MP4 most common video file type

Regional Video Storage Practices



EM Video Storage Survey

- Video Storage Survey (April 2018)
 - Transmission methods and security protocols
 - File types/sizes, video resolution, and storage type
 - Review and access
- Federal – National Archive and Records Administration
 - Current - Retain with observer records (indefinitely)
 - Future – New retention schedule for video and images
 - 6 month process, 45-day comment period, NARA publishes an FR notice
- Non-Federal – Third-party service providers
 - Current – Retained indefinitely
 - Future – Create a procedural directive and guidance to Regions

Thank you

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