EM Cost Reporting

Overview of November 2020 sub-group meeting and outcomes

Cost Reporting Goals

1. Reporting framework for use across similar EM programs
    - allow for "apples" to "apples" costs comparisons/analyses

2. Allow for better cost transparency
    - allow PI's/agency to understand year to year program cost drivers
    - allow fishes and agency staff to make informed decisions on EM provider selection and contracting
    - enable EM providers to report cost information in a similar fashion while still maintaining individual service delivery models and operational business practices.

3. Simplify cost reporting and budget projections
    - keep it simple so all providers can adhere and to allow for more efficient cost analyses work to be completed
    - allow for easier budget planning for future/program expansion years

See Cost Reporting Memo - 113020

Reporting Category
1.0 Service Provider Fees and Overhead (ongoing)
Project Coordination
EM Software and Data Review Support
Technician/Contractor Recruitment and Training
2.0 EM Equipment Maintenance and Upkeep (Ongoing)
Existing Vessel Services
EM Spare/Replacement Parts and Accessories
3.0 Data Transmittal (Ongoing)
Drive Shipping Expenses (Envelopes & Freight)
4.0 Equipment Purchases and Installation (One Time)
New Vessel Equipment
New Vessel Installation Labor
New Vessel Installation Expenses
5. 0 Data Processing and Storage (ongoing)
TBD
6.0 Plant Observer Provider Fees and Overhead (ongoing)
TBD

NMFS EM Program Cost Categories

From pp. 5-6 of the NMFS Electronic Technologies Procedural Directive, May 2019

Sampling Costs

Responsibility: primarily industry

- Equipment purchases, leases, and installation
- Equipment maintenance and upkeep
- Training for captain and crew
- Development of vessel monitoring plans (VMPs)
- Data transmittal
- Video processing and storage
- Service provider fees and overhead

Administrative Costs

Responsibility: primarily NMFS

- Program administration support
- Certification of EM service providers
- EM program performance monitoring
- Data analysis and storage of Federal records

NMFS EM Program Cost Categories

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- ~~Training for captain and crew~~
- ~~Development of vessel monitoring plans (VMPs)~~
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Suggested Cost Categories

1. EM Service Provider Fees and Overhead
2. Equipment maintenance and upkeep
3. Data Transmittal
4. New Equipment Purchases and Installation
5. Data Processing and Storage
6. Observer Provider Fees and Overhead (EM plant observers)

1. EM Provider Fees and Overhead

➤ Project Coordination
- Office and facilities allocations
- Program staff/technician wage allocations
- EM equipment and data drive supply management
- Issues Logging and reporting (ODDS)
- VMP creation/updates/distribution and vessel training
- Phone support lines and vessel communications
- ??? (provider/program specific)

➤ EM Software Support and Licensing

➤ Data Review Service Support (reported issues investigations)

➤ Technician and Remote Port Contractor Training

2.   Equipment Maintenance/ Upkeep

➢ troubleshoot/resolve technical Issues (port staff and contractors)

➢ Service travel expenses (if not in service port)

➢ Season Start-up services (pre-installed vessels)

3.   Data Transmittal

➢Costs for shipping data drives to all ports /vessels

➢ Shipping envelope pre-purchase costs (USPS trackable)

➢ Data transmission services and cloud services (future!)

4. Equipment Purchases (or lease) and New Installation

➢ New EM system hardware costs

➢ New Installation Materials

➢ New Installation Service Labor

➢ New Installation Travel costs

➢ Freight/Shipping

5. Data Processing and Storage *

➢ EM Trips Tracking/Drive Receipt Tracking

➢ Trip Data Processing

➢ Drive Summary Reporting / ODDS Reporting

➢ Data Storage and Archiving

➢ Drive Cleaning and Shipping

➢ Data Drive Purchase Costs *

6. Plant Observer Fees/Overhead

➢ TBD

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TBD
6.0 Plant Observer Provider Fees and Overhead (ongoing)
TBD

Next Steps ?

- Refine sub-categories as necessary (5. and 6.)

- How might these costs be tuned into comparable metrics?
  e.g., per seaday, per reviewed day, per landed ton pollock, etc.

- When we can move to this new reporting structure (defined start date)

Questions and Comments?

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