

Agenda Item D.7.b
Supplemental EM Workshop PowerPoint
April 2013

Electronic Monitoring Workshop Report - Summary

Agenda Item D.7.b
EM Workshop Report
April 2013

EM Workshop

- Held February 25-27, 2013
- Chaired by Dan Wolford
- 32 invited participants
- 22 additional participants in attendance
- Recommendations
 - Overall Finding
 - Objectives
 - Scoping – Alternatives and Information Requests
 - PSMFC Field Study
 - Regulatory Process Calendar
 - Recommendation on Narrowing Focus

Overall Finding

(Executive Summary , page ii)

- It is reasonably likely that electronic monitoring will be found to be technically and economically viable as a substitute for the use of human observers in the function of compliance monitoring for the catch share program.

1. Objectives

(Executive Summary , page ii)

- Objectives 1-7 – why consider EM
- Objectives 8-12 – important constraints to keep in mind while developing EM
- Primary focus for EM –
 - fulfilling the catch monitoring function required for catch shares
- It was recognized that scientific data needs to be collected but this would not be the focus of EM designed for compliance.

2. Scoping Package

a. Alternatives – Strawmen

- Workshop recommendations - most incorporated in strawmen provided in Attachment 2 (p. 20)
 - Focus on available technologies
 - Provide options for night fishing
 - Provide options to allow discard of undersized lingcod & sablefish
 - Provide options for alternative halibut mortality estimation methods
 - Clarify what counts against quota pounds
 - Coordinate with Alaska
 - Identify objectives for each strawman
 - Convene a workgroup to further develop alternatives
- Also, Substantial discussion of performance based alternatives

Strawman Provisions – Whiting Example

Shorebased and Mothership

(complete list in Attachment 2)

- Maximum Retention/Non-Selective Discards Only
- Electronic Monitoring Plan – for each vessel
- System Components and Compatibility
 - E-logbooks
- Provisions for Data Analysis/Video Review – subsampling of video
- Time-Area Restrictions (e.g. night fishing)

Variations for Other Sectors

- Bottom trawl – options to discard small sized sablefish and lingcod and alternative halibut mortality estimation methods
 - Emphasizes the need for additional information and study on electronic monitoring for bottom trawlers
- Fixed Gear –
 - retention options – mandatory retention of
 - Option 1: IFQ species (other discards allowed)
 - Option 2: Rockfish and sablefish
 - Suboption – allow discard of small sablefish or lingcod
 - Option for alternative halibut mortality estimation methods

2. Scoping Package

b. Electronic Monitoring Co-ops (EMC)

- Problem – previously difficult and time consuming to prosecute cases.
- Establish an industry self enforcement mechanism.
- In order to use EM instead of observers
 - a vessel would be required to join an EMC – or some joint agreement.
- Video would be reviewed by the Feds or a trusted contractor.
- Co-ops would be responsible for ensuring compliance of their membership.

2. Scoping Package

c. Information Requests –

- Questions for NWFSC pertaining to biological data collection needs (p. v). Prior to the meeting preliminary feasibility matrices were provided asking –
 - What functions are filled by 100% observer coverage?
 - Can cameras be used or other adjustments made to fill those function?
 - What other functions might EM fill?
- Diagram of relevant operational differences among sectors.
- Comparison of whiting observed trips (2011-2012) to pre-catch share camera-observed trips.
- Evaluate existing video on whiting trips delivered at night.
- Cost estimate – bracket costs based on scenarios.

3. PSMFC Field Study

- Requests for 2013 study.
 - List of recommendations on page vi of report.

4. Regulatory Process for Moving Forward

- Draft process recommended by the workshop.
- Calendar recommendation on page vii of report.
 - Commences at this meeting with adoption of a process.
 - Scoping and work group appointment in June 2013
 - Final action in September 2014
 - Implementation for 2016

Dates	Process
Apr 2013	<ul style="list-style-type: none"> • Consider results of EM workshop and recommendations • Adopt goals and objectives. • Provide guidance on development of scoping package. • Request <i>special studies</i>, as needed. • Consider results of the 2012 PSMFC EM study. • Provide comment on the 2013 PSFMC EM study design. • Adopt regulatory process plan.
Sprg 2013	<ul style="list-style-type: none"> • NMFS/PSMFC finalize 2013 study design (starting in April – w/Council meeting results).
June 2013	<ul style="list-style-type: none"> • Full scoping session on EM. • Appointment of workgroup on this issue.
Sumr 2013	<ul style="list-style-type: none"> • Execute at-sea and shoreside field studies
Sept 2013	<ul style="list-style-type: none"> • Review results from <i>special studies</i> and provide guidance on alternative development (if ncssry).
Nov 2013	<p>Consider initial results of NMFS/PSFMC 2013 field season</p> <ul style="list-style-type: none"> • Adopt alternatives for analysis.
June 2014	<ul style="list-style-type: none"> • Consider full analysis of alternative. • Select preliminary preferred alternative.
Sept 2014	<ul style="list-style-type: none"> • Select final preferred alternative.
Sept 2014 through 2015	<ul style="list-style-type: none"> • Secretarial approval process and implementation, including <ul style="list-style-type: none"> ○ regulation drafting and paperwork reduction act submissions, ○ securing contracts for video review, ○ commercial installation and testing, and ○ observer program adjustments

5. Other Workshop Recommendations

- Participants acknowledged the extensive EM work conducted to date and recommended the scope of future work be narrowed based on the workshop recommendations.

Overall Finding

(Executive Summary , page ii)

- It is reasonably likely that electronic monitoring will be found to be technically and economically viable as a substitute for the use of human observers in the function of compliance monitoring for the catch share program.