

VESSEL MOVEMENT MONITORING AGENDA ITEM D2

1. Attachment 1: VMM Public Scoping Doc
2. HMSMT Report
3. HMSAS Report
4. Public Comment
5. Supplemental Public Comment
6. GAP & EC statements



COUNCIL ACTION

Adopt final preferred alternatives for each management measure



MANAGEMENT MEASURES

1. Monitoring Restricted Areas with VMS
2. Fishery Declaration Enhancements
3. Movement of IFQ Fishpot Gear Across Management Lines



MANAGEMENT MEASURE 1 – VMS

ALTERNATIVES FOR NON-GROUNDFISH TRAWL AND OTHER GROUNDFISH FISHERIES

Table 1-2 List of fisheries; and Table 1-4 Potential Benefits/Cost;
Table 1-7 & 1-8 Detailed Costs

Alternative 1a - Increase ping rate to 4 per hour (Preliminary Preferred)

Provides improved data set on maintaining continuous transit. **Increase in costs to industry.** No change to government costs.



MANAGEMENT MEASURE 1 – VMS

ALTERNATIVES FOR NON-GROUNDFISH TRAWL AND OTHER GROUNDFISH FISHERIES

**Alternative 1b - Maintain ping rate 1 per hour
with EM (Preliminary Preferred)**

EM provides data on gear status and location coupled with VMS at 60 min ping rate. No change in VMS costs to industry or government.



MANAGEMENT MEASURE 1 - VMS

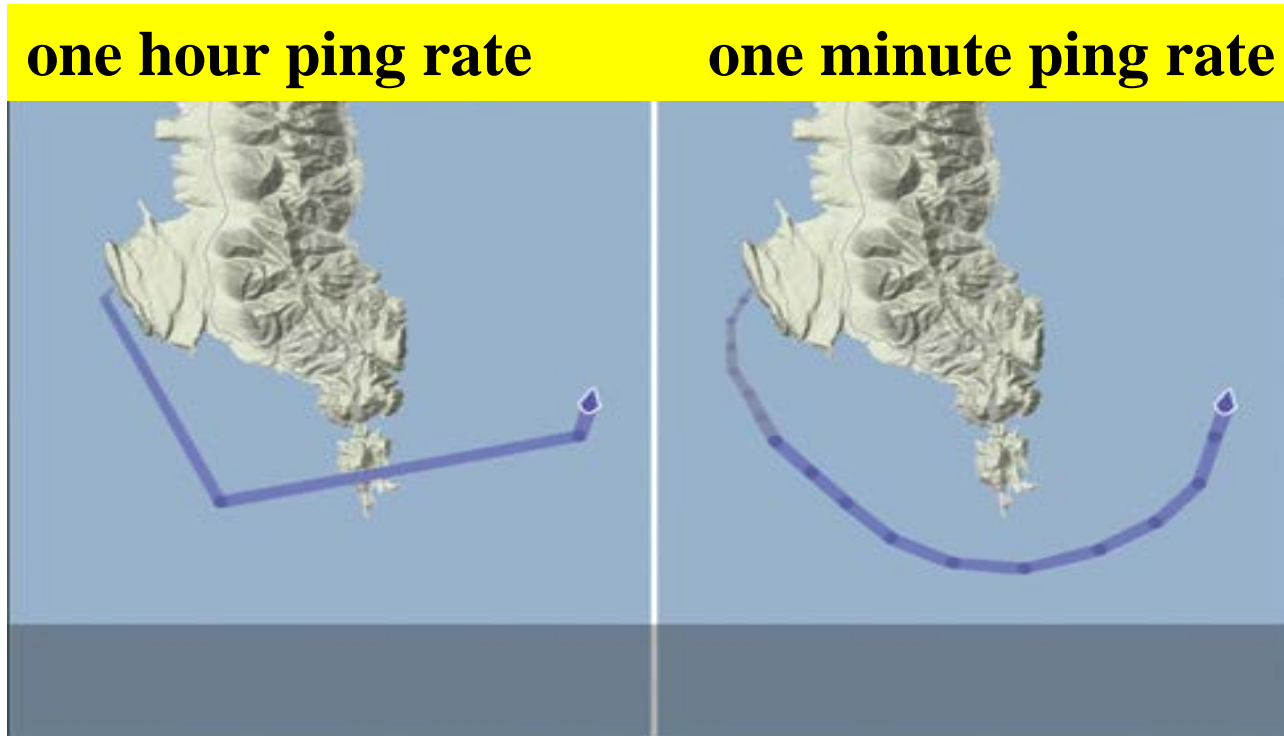
ALTERNATIVES FOR NON-GROUNDFISH TRAWL AND OTHER GROUNDFISH FISHERIES

**Alternative 2 - Enhanced VMS (non-type approved),
No Geofencing or gear sensors required
(Preliminary Preferred)**

Provides improved data set for location. May provide data on gear status, indicating fishing. **Potential cost savings for industry.** Minor increase in costs to PSMFC, no change in costs to government.



MANAGEMENT MEASURE 1 - VMS



MANAGEMENT MEASURE 1 – VMS

INCURSION INVESTIGATIONS

VMS/RCA Investigations Opened (all fisheries) Disposition

Year	SW	NW	Total Number of Investigations
2011	72	162	234
2012	89	134	223
2013	107	100	207
2014	62	90	152
2015	14	17	31



MANAGEMENT MEASURE 1 – VMS

ALTERNATIVES FOR DRIFT GILLNET FISHERY

Alternative 3a - Increase ping rate to 4 times per hour/add continuous transit requirement
(Preliminary Preferred)

Provides improved data set on maintaining continuous transit. Could result in minor increase in costs to industry for VMS service. *There is a potential for higher financial impact to loss of fishing opportunity (no estimates avail)*. No change to government costs.



MANAGEMENT MEASURE 1 – VMS

ALTERNATIVES FOR DRIFT GILLNET FISHERY

Alternative 3b - Maintain ping rate 1 per hour with Electronic Monitoring System

EM provides data on gear status and location coupled with VMS at 60 min ping rate. *No change in VMS costs to industry or government.*



MANAGEMENT MEASURE 1 – VMS

ALTERNATIVES FOR DRIFT GILLNET FISHERY

**Alternative 4 - Enhanced VMS (non-type approved),
No Geofence or gear sensors required**

Provides improved data set for location. May provide data on gear status, indicating fishing. *Potential cost savings to industry.* Minor increase in costs to PSMFC, no change in costs to government.



MANAGEMENT MEASURE 1 – VMS

ALTERNATIVES FOR DRIFT GILLNET FISHERY

November 2015 - Council selected PPA for VMS actions

HMSAS and HMSMT met in March - Statements in April BB

In Sept 2015 - Council Final Action of 100% monitoring of DGN fishery (EM or observers)

September decision may negate the need for further VMS actions



MANAGEMENT MEASURE 1

REVISED DEFINITION

Continuous transiting or transit through means that a vessel crosses a groundfish conservation area or EFH conservation area on a heading as nearly as practicable to a direct route, consistent with navigational safety, while maintaining headway throughout the transit without loitering or delay.



MANAGEMENT MEASURE 2

FISHERY DECLARATION ENHANCEMENTS (GEAR TESTING)

Under all alternatives, the following restrictions would apply:

1. No harvest would be allowed,
2. Gear testing for trawl vessels - open or absent codend,
3. Terminal gear would be prohibited (i.e., no hooks),
4. Pot gear must be closed so fish could not enter,
5. No gear testing in areas with sensitive habitat concerns (i.e. EFH),
6. Only approved groundfish gear can be tested under this action,
7. Testing experimental gear would not be allowed.



MANAGEMENT MEASURE 2

FISHERY DECLARATION ENHANCEMENTS (GEAR TESTING)

Alternative 1 - Set up formal waiver/exemption process to allow *any groundfish vessel* subject to observer coverage be waived or exempted from observer coverage for a trip that tests gear.

- Could create a confusing duplication of process for Open Access and LEP fixed gear (existing process)
- Cost savings



MANAGEMENT MEASURE 2

FISHERY DECLARATION ENHANCEMENTS (GEAR TESTING)

Alternative 2 - Set up formal exemption process to allow only Shorebased IFQ vessels (excluding MS and CP vessels) to be exempt from observer coverage for a trip that tests gear. (*Preliminary Preferred*)

- Excludes catcher vessels that do not have IFQ (MS fishery), 100% observed
- Lower costs to industry for vessels that require observers (\$450-\$550 per day)



MANAGEMENT MEASURE 2

FISHERY DECLARATION ENHANCEMENTS (GEAR TESTING)

Alternative 3 (NEW)- Set up formal exemption process to allow only groundfish trawl vessels to be exempt from observer coverage for a trip that tests gear. The trip could be during an open or closed fishing season.

- Includes catcher vessels that do not have IFQ (MS fishery) 100% observed
- Lower costs to industry for vessels that require observers (\$450-\$550 per day)



MANAGEMENT MEASURE 2

WHITING FISHERY DECLARATION CHANGES

**Alternative 1 – Declare fishery participation at sea
(*Preliminary Preferred*)**

**Alternative 2 – Declare fishery participation prior to
leaving port**

- Both Alts may result in an average annual cost savings of \$9,000 to \$17,500 per year, per vessel
- Government costs are not expected to increase



MANAGEMENT MEASURE 3

MOVEMENT OF IFQ FISHPOT GEAR ACROSS MANAGEMENT LINES

Alternative 2 -Allow IFQ fixed gear vessels to move pot gear *baited*. (*Preliminary Preferred*)

Alternative 3 - Allow IFQ fixed gear vessels to move pot gear *non-baited*. (*Preliminary Preferred*)

- Neither alternative affects catch accounting, 100% observed trips
- No impact to biological or physical environment
- Alt 2 is more efficient



MANAGEMENT MEASURE 3

WHITING FISHERY DECLARATION CHANGES

- Both alternatives would result in less time at sea
- Average fuel savings of \$7,680 - \$9,600 per yr
- An additional savings of \$6,000 (12 observer days x \$500 per day)
- Total estimated savings with observer cost savings may be \$13,000 to \$15,000 per yr



QUESTIONS

