

At the September 2014 Council meeting in Spokane, WA, the Council selected their final preferred alternatives for an electronic monitoring program for the Pacific coast limited entry trawl groundfish fishery catch shares program. More detail regarding the Council's decision will be provided in the near future on the Council's website. The following fishery specific tables provide the Council's selections:

1. Whiting Midwater Trawl

Table 1. Shoreside and mothership whiting fishery final preferred alternatives and options with footnotes.

Alternatives/Option Choices for Shoreside and Mothership Whiting Fishery				
Step 1. Choose Overall Alternative (this will be the primary data source for discard estimates)				
Alternative 1: No Action – Human Observers Estimate Discards				
Alternative 2. Camera Recordings Use to Estimate Discards a/				
Alternative 3. Logbooks used to Estimate Discard with Logbook Audits				
Step 2. For Alternative 2 or 3, Choose an Option from Each of the Following Rows				
EM Component	Options for Each EM Component Category			
2.2.1.1 Video Reading Protocol (% review)	A. 100% (Alt 2 only) with logbook requirement b/	B. X% (Alt 2 Only)	C. X% (Alt 2 Only) plus logbook requirement	Logbook Audit (Alt 3 Only)
2.2.2 Discard Accounting - Individual or Fleetwide	A. For Shoreside, One Discard Category, Full Accounting for All Discards c/	B. For Shoreside Fishery, Two Discard Categories, Sector or ACL Deduction for Category 2 Discards	C. Two Discard Categories, No Accounting for Category 2 Discards	D. For Mothership Whiting, Deduct "unintentional minor" Discards Preseason d/
2.2.4 Retention Requirements	A. Maximize			
2.2.5 Halibut Retention/ Discard with Fishery Specific Options	D. Discard Exemption (100% retained, 100% mortality)			
2.2.6 Discard Species List Adjustment	A. NMFS Rulemaking Process	B. Routine Process	C. Full Council Rulemaking Process	
2.2.7.2 Eligibility for Camera Use	A. Initial and Continued Eligibility Requirements			
2.2.7.5 EM Vessel Operation Plan - IVMP Expiration	A. No Expiration	B. Annual		
2.2.7.6 Declaration of EM Use	A. Annual - choose for entire year	B. Annual - project for year (monthly/quarterly)	C. Declare Until Changed (some limit on frequency of change)	D. Declare Until Changed (no limit on frequency)
2.2.8.2 Data Transfer Process (Not Mutually Exclusive)	A. PSMFC Staff	B. EM provider	C. SS Catch Monitor	D. Vessel Operator (crew) E. 3rd Party

2.2.8.4 Video Review	A. NMFS e/	B. PSMFC	C. EM Provider	D. 3rd Party e/	
2.2.8.5 Payment for Scientific Data Collection/Observers	A. Government	B. Industry	C. Combination		
2.2.11 Implementation	A. None	B. Use EFPs to Test Policy	C. Phase in By Sector - Whiting; BTW/Mid-nonwhiting, Fixed Gear	D. Loosen Species Retention Over Time	E. Use EFPs to Develop Policy

- a/ Camera Recordings will be used (Alternative 2A with a logbook requirement added) unless audited logbooks produces reliable estimates more efficiently and at reduced cost (Alternative 3).
- b/ Video Review: 100% unless Alternative 3 meets the most cost effective standard above in which case the percent review to be the minimum level determined to be necessary to ensure compliance (no less than 10%) with an escalation clause for non-compliance.
- c/ For Shoreside fishery only Option A Full Accounting of discards
- d/ For Mothership fishery only deduct the aggregate accumulated unintentional minor discards (spillage), estimated to be less than 0.5 percent of the mothership allocation. Species composition would be calculated using status quo methods.
- e/ Certified Third party (Option D) once a certification process has been established, until then, Government (Option A) – NMFS or their agent (e.g. PSMFC).

2. Fixed Gear (Longline and Pot)

Table 2. Fixed gear fishery (longline and pot) final preferred alternatives and options with footnotes.

Alternatives/Option Choices for Fixed Gear Fishery (longline and pot)				
Step 1. Choose Overall Alternative (this will be the primary data source for discard estimates)				
Alternative 1: No Action – Human Observers Estimate Discards				
Alternative 2. Camera Recordings Use to Estimate Discards				
Alternative 3. Logbooks used to Estimate Discard with Logbook Audits a/				
Step 2. For Alternative 2 or 3, Choose an Option from Each of the Following Rows				
EM Component	Options for Each EM Component Category			
2.2.1.1 Video Reading Protocol (% review)	A. 100% (Alt 2 only)	B. X% (Alt 2 Only)	C. X% (Alt 2 Only) plus logbook review	Logbook Audit (Alt 3 Only) a/
2.2.2 Discard Accounting - Individual or Fleetwide	A. One Discard Category, Full Accounting for All Discards	B. Two Discard Categories, Sector or ACL Deduction for Category 2 Discards	C. Two Discard Categories, No Accounting for Category 2 Discards	
2.2.4 Retention Requirements	A. Maximize	B. Optimize b/		

2.2.5 Halibut Retention/ Discard with Fishery Specific Options	Default Rates A. IPHC Gear Rate longline 16%; pot 18% mortality c/	Default Rates B. WCGOP Rate C. Vessel Specific Rate	D. Discard Exemption (100% retained)	E. Captain/Crew Evaluation	F. With EM Data - Via IPHC Approved Method c/
2.2.6 Discard Species List Adjustment	A. NMFS Rulemaking Process	B. Routine Process	C. Full Council Rulemaking Process		
2.2.7.2 Eligibility for Camera Use	A. Initial and Continued Eligibility Requirements				
2.2.7.5 EM Vessel Operation Plan - IVMP Expiration	A. No Expiration	B. Annual			
2.2.7.6 Declaration of EM Use	A. Annual - choose for entire year	B. Annual - project for year (monthly/quarterly)	C. Declare Until Changed (some limit on frequency of change)	D. Declare Until Changed (no limit on frequency)	
2.2.8.2 Data Transfer Process (Not Mutually Exclusive)	A. PSMFC Staff	B. EM provider	C. SS Catch Monitor	D. Vessel Operator (crew)	E. 3rd Party
2.2.8.4 Video Review	A. NMFS d/	B. PSMFC	C. EM Provider	D. 3rd Party d/	
2.2.8.5 Payment for Scientific Data Collection/Observers	A. Government	B. Industry	C. Combination		
2.2.11 Implementation	A. None	B. Use EFPs to Test Policy	C. Phase in By Sector - Whiting; BTW/Mid- nonwhiting, Fixed Gear	D. Loosen Species Retention Over Time	E. Use EFPs to Develop Policy;

a/ The percent review under Alternative 3 to be the minimum level determined to be necessary to ensure compliance (no less than 10%) with an escalation clause for non-compliance.

b/ Optimized retention with allowable discarded species informed by EFPs and other field work by PSMFC (if no species are allowed to be discarded due to inability to speciate and accurately estimate discard amounts then it would be equivalent to Maximized Retention).

c/ Option A may be the method that can be applied at this time. Prefer Option F if the method is approved by IPHC.

d/ Certified Third party (Option D) once a certification process has been established, until then, Government (Option A) – NMFS or their agent (e.g. PSMFC).

3. Bottomtrawl Groundfish/Non-whiting midwater Trawl

Table 3. Bottomtrawl and non-whiting midwater trawl fisheries final preferred alternatives and options with footnotes.

Alternatives/Option Choices for Bottomtrawl and Non-Whiting Midwater Trawl Fisheries					
Step 1. Choose Overall Alternative (this will be the primary data source for discard estimates)					
Alternative 1: No Action – Human Observers Estimate Discards					
Alternative 2. Camera Recordings Use to Estimate Discards					
Alternative 3. Logbooks used to Estimate Discard with Logbook Audits a/					
Step 2. For Alternative 2 or 3, Choose an Option from Each of the Following Rows					
EM Component	Options for Each EM Component Category				
2.2.1.1 Video Reading Protocol (% review)	A. 100% (Alt 2 only)	B. X% (Alt 2 Only)	C. X% (Alt 2 Only) plus logbook review	Logbook Audit (Alt 3 Only) a/	
2.2.2 Discard Accounting - Individual or Fleetwide	A. One Discard Category, Full Accounting for All Discards	B. Two Discard Categories, Sector or ACL Deduction for Category 2 Discards	C. Two Discard Categories, No Accounting for Category 2 Discards		
2.2.4 Retention Requirements	A. Maximize	B. Optimize b/			
2.2.5 Halibut Retention/ Discard with Fishery Specific Options	Default Rates A. IPHC Gear Rate MDWT non-whiting and BTW 90% mortality if discarded c/	Default Rates B. WCGOP Rate C. Vessel Specific Rate	D. Discard Exemption (100% retained)	E. Captain/Crew Evaluation	F. With EM Data - Via IPHC Approved Method c/
2.2.6 Discard Species List Adjustment	A. NMFS Rulemaking Process	B. Routine Process		C. Full Council Rulemaking Process	
2.2.7.2 Eligibility for Camera Use	A. Initial and Continued Eligibility		B: Initial and Continued Eligibility with BTW Vessel Must be in Co-op to use EM		
2.2.7.5 EM Vessel Operation Plan - IVMP Expiration	A. No Expiration	B. Annual			
2.2.7.6 Declaration of EM Use	A. Annual - choose for entire year	B. Annual - project for year (monthly/quarterly)	C. Declare Until Changed (some limit on frequency of change)		D. Declare Until Changed (no limit on frequency)
2.2.8.2 Data Transfer Process (Not Mutually Exclusive)	A. PSMFC Staff	B. EM provider	C. SS Catch Monitor	D. Vessel Operator (crew)	E. 3rd Party
2.2.8.4 Video Review	A. NMFS d/	B. PSMFC	C. EM Provider	D. 3rd Party d/	

2.2.8.5 Payment for Scientific Data Collection/Observers	A. Government	B. Industry	C. Combination		
2.2.10 Spatial Variation for High Bycatch Areas (BTW Only)	A. None	B. In High Bycatch Areas Use Observers	C. In High Bycatch Areas Review more Video		
2.2.11 Implementation	A. None	B. Use EFPs to Test Policy	C. Phase in By Sector - Whiting; BTW/Mid-nonwhiting, Fixed Gear	D. Loosen Species Retention Over Time	E. Use EFPs to Develop Policy;

a/ The percent review under Alternative 3 to be the minimum level determined to be necessary to ensure compliance (no less than 10%) with an escalation clause for non-compliance.

b/ Optimized retention with allowable discarded species informed by EFPs and other field work by PSMFC (if no species are allowed to be discarded due to inability to speciate and accurately estimate discard amounts then it would be equivalent to Maximized Retention).

c/ Option A may be the method that can be applied at this time. Prefer Option F if the method is approved by IPHC.

d/ Certified Third party (Option D) once a certification process has been established, until then, Government (Option A) – NMFS or their agent (e.g. PSMFC).