

Table 2. Medium Level Descriptive Display of EM Alternatives.

Component	ALTERNATIVES		
	1	2	3
	<b>Status Quo: Human Observers Estimate Discard</b>	<b>Camera Recordings Used to Estimate Discard</b>	<b>Logbooks Use to Estimate Discard, with Camera Audits</b>
<b><u>Compliance Monitoring Basic Provisions</u></b>			
Discard Documentation Technology	Observers	Observers with Vessel Option to Use Cameras	Observers with Vessel Option to Use Cameras
Documentation Coverage	100%	100%	100%
Video Reading Protocols	None	<b>Option A:</b> 100% (census). <b>Option B:</b> Subsample Video (% to review must be developed)	Audit logbook (intensity varies based on vessel's compliance history)
Eligibility For Camera Use	N/A	Vessel in good standing and has approved equipment and operational plan certifications.	
Discard Requirements	Discard at will unless required to retain.	<b>Option A:</b> Maximized Retention <b>Option B:</b> Optimize Retention of Catch Share Species - Limited Discards. Different sub options may be selected for different sectors/gears. (discard sub options are not mutually exclusive; all species approved for discard would need to be verifiable with cameras) Subopt 1: flatfish Subopt 2: lingcod & sablefish Subopt 3: non-rockfish groundfish Subopt 4: spp verifiable with cameras Subopt 5: all nongroundfish spp <b>Option C:</b> Discard at will (status quo) Some discards allowed under all options Different options may be selected for different sectors/gears.	
<b><u>Vessel Operation Provisions</u></b>			
Observer Exemption Process	None	NMFS Application and Approval Process	
EM Vessel Operational Plan	No plan required	<b>EM Operational Plan Required</b> <b>Option A:</b> Plan expires when certain vessel modifications occur. <b>Option B:</b> Plan expires annually or when certain vessel modifications occur.	
Declaration of EM Use	No declaration	<b>Option A:</b> Declare EM use annually for entire year <sup>1/</sup> <b>Option B:</b> Declare annual schedule for EM use (by month) <sup>1/</sup> <b>Option C:</b> Declare EM use by trip	

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<b><u>Equipment and Protocol Provisions</u></b>			
EM Equipment Requirements	None	Options for specification of technology hardware, data formats, etc. including consideration for changes through time.	
Data Transfer Process	Completed by observers	Options to accomplish enforcement chain of custody standards, including combinations of shoreside observers, PSMFC personnel, enforcement officers, EM providers, skippers, etc.	
Video and Data Processing and Analysis	None	Options as to who is responsible for video reading, validation, and reporting.	
<b><u>Spatial Variation for High Bycatch Areas</u></b>		<b>Option A.</b> No special provisions <b>Option B.</b> EM option not available in high bycatch area (would need to define those areas) <b>Option C.</b> Higher levels of video review required in high bycatch areas (would need to define those areas)	
<b><u>Adaptive or Phased Implementation</u></b>		<b>Option A.</b> None <b>Option B.</b> Use EFPs to test final Council policy, prior to full regulatory implementation. Option C. Phase in by sector/gear. <b>Option D.</b> Phase in retention options over time. <b>Options B-D</b> are not mutually exclusive.	

Footnote: 1/ Options A and B include emergency provisions to use cameras in lieu of observers or vice versa.