

Status of Written Projects under the EM Cooperative Research Plan

Project			Who		Timeline
Short Title	Project Description	Key Outcomes	Lead	Other Team Members	
Report on 2015 fieldwork	PSMFC report on field work and video review	Inform analysis about EM data quality and reliability	Dave Colpo	PSMFC staff	Early 2016
Catch Estimation (including weight)	Roadmap and decision points for using EM data in catch accounting	Discussion paper on methods & decision points to expand EM data at the haul, trip, vessel, and fishery level, including deriving weight from piece counts.	Jennifer Mondragon	Jason Gasper, Jennifer Cahalan, Cathy Tide, Michael Moon	Draft in April
Sensor data	Evaluation of sensor data compared to logbook data to determine location and timing of each set. Using all 2014/2015 trips where both EM and logbooks were collected.	Inform data quality/validation decision point about how to validate self-reported effort logbook data.	Farron Wallace		Initial review January
Length Data	Evaluation of the length data derived from the stereo camera and lengths collected by sea samplers. Using IPHC survey trips.	Information about ability of stereo cameras to derive length information.	Farron Wallace		Initial review January
Species Identification	Evaluation species identification from at-sea samplers and species identified from video review of standard camera EM data. Using IPHC survey trips.	Inform data quality/validation decision point about species identification from EM.	Farron Wallace		Initial review January
Catch Composition	Summarize the catch composition and disposition. Evaluate EM catch in the context of total removals of each species.	Tables describing the catch composition in pot fisheries and prioritization.	Jennifer Mondragon	Mike Fey	Initial review January
Biological Data	What is the impact in biological sampling data collection by moving vessels into EM pool, including which species are only discarded, and what assessment tier the species is in.	Inform analysis regarding impact of EM alternatives compared to status quo.	D. Evans	Mike Fey	October initial review draft
Cost Framework	What are the major costs in the program and how those are impacted by the number of boats in the EM pool and different program design choices.	Range of cost that might be associated with different EM alternatives and program designs.	Sam Cunningham	D. Evans, D. Colpo, M. Fey, F. Wallace, H. McElderry	October initial review draft
Size of EM pool	Evaluate varying sizes of the EM pool by looking at small-vessel trip selection observer data & catch estimation gaps.	Inform analysis and program design by describing impacts of the size of the EM pool on catch estimation.	NMFS		October initial review draft
Partial Coverage tradeoffs	Given a range of costs for the EM program, describe the impact on the partial coverage trip selection pool.	Informs analysis on impacts and interaction of the EM selection pool and the rest of partial coverage.	NMFS		October initial review draft
Video Review Tradeoffs	Analysis of varying amounts of EM review of hauls per trip. Compare census of all hauls versus x% of hauls reviewed.	Inform cost and estimation tradeoffs from sub-sampling EM video review.	NMFS		October initial review draft