

## Electronic Monitoring Program Trip Scorecard Proposal

The EM scorecards are intended to be used to provide feedback to the fisher and characterize vessel cooperation with EM program requirements. Scorecards will be produced for all trips where EM was used and datasets were reviewed and assess compliance with the 2016 EM program requirements:

- Run a function test at the start of each trip;
- Exchange hard drive every two weeks as at the end of the trip occurring during the second week, or a minimum once per month.
- Complete the effort log for the trip and all hauls;
- Maintain power with exception of during sleep events;
- Provide an extended presentation of seabirds (if applicable);
- Ensure discarding occurs at a control point and within view of camera; and
- Maintain clean cameras and high quality imagery.

Using this process, there are two scorecards proposed:

- Technician Scorecard – conducted at the vessel at the time of service,
- Data Reviewer Scorecard – conducted by the data reviewers during data review.

### Proposed Technician Scorecard

This scorecard will be completed by the technician at the time of service. The technician will do a brief review of the dataset as part of the normal service protocols. Technicians will review a small subset of the activity, and assign an overall assessment of image quality and catch handling compliance. A technician scorecard will not be completed for vessels that swap their own hard drives.

The catch handling assessment requires clear definitions to ensure consistency of use across the fishery. The technician will make an assessment based on a small sample of the video, and assign the following values:

1. All catch was handled out of view,
2. Some catch was handled within view, and some out of view,
3. All catch was handled within view.

Data Set Summary:		
Vessel Name:		Operator Name:
Data Set Start Date:		ADF&G Number:
Data Set End Date:		Current Port:
Logbooks Completed		Requirement
EM Program Effort Logbook	Y N	Yes
Copy of IPHC Logbook	Y N	Optional
Fish Ticket (photo)	Y N	Optional
Duty of Care		Comments
Function test run at the start of each trip?	Y N	
Sensor data complete throughout trip	Y N	
Initial image quality assessment	H, M, L	
Initial catch handling assessment	1 2 3	

## Proposed Reviewer Scorecard

The Reviewer Scorecard will be completed during the data review process by PSMFC. The data types below have been developed by the Data Protocols subcommittee, and can be extracted from the current data analysis process.

<b>Data Set Summary:</b>			
Vessel Name:		Operator Name:	
Data Set ID:		ADF&G Number:	
Trip Start Date:		Start Port:	
Trip End Date:		Landing Port:	
Number of days on hard drive			
<b>Trip Assessment</b>			
Effort Log Submitted:	Y N	Function Test Run Before Each Trip:	Y N
IPHC Logbooks Submitted:	Y N	Continuous Power (with exception of sleep events)	Y N
Fish Ticket Submitted:	Y N		
<b>Fishing Event Assessment</b>		<b>Comments</b>	
Seabird Mitigation Devices Used:	Y N		
Seabirds Captured:	Y N		
Extended Presentation:	Y N		
All discarding at control points:	Y N		
Comments:			
Reviewer's Average Data Confidence:	H, M, L, U		
Data Confidence Reason	Catch Handling – In camera view		
	Catch Handling – Not in camera view		
	Image Quality		
<b>Event Image Quality</b>			
Average Image Quality During Haulback	H, M, L, U		
Image Quality Reason:	NA ( if image quality high)		
	Obstruction		
	Dirty camera(s)		
	Night lighting		
	Water spots		
	Condensation		
	Glare		
	No video recorded, scrambling or white screen		
	Out of focus		
	Poor camera angles		