ELECTRONIC MONITORING (LONGLINE) PROCESS STANDARDS WORKSHOP

(see WCPFC-2016-ERandEMWG2-IP01)

SECOND E-REPORTING AND E-MONITORING WG MEETING
(ERandEMWG2)
SC 12, Bali, Indonesia
1-2 August 2016

EM process standards Workshop (June 2016)

Pacific Community
Communauté
du Pacifique

OBJECTIVE

How the WCPFC Regional Observer Programme (ROP) minimum data fields for LONGLINE observers can be collected using EM technology…

Begin the work of establishing EM process technical standards…

WHY ?

EM for LL has started and standards are increasingly sought by EM service providers in the region…

EM process standards Workshop (June 2016)

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HOW ?

– Convene a technical meeting with relevant experts
– Use WCFPC draft ER standards as basis to start
– Step-by-step process to review 'if' and 'how' EM could collect each standard data field …

Participants

➢ Contracted Facilitator (Dr Ian Knuckey)
➢ WCPFC ERandEM-IWG Chair (Ms Kerry Smith)
➢ Pacific Islands Member countries with experience implementing EM (Fiji, Palau/TNC, PNG, New Caledonia)
➢ Sub-regional organisations (SPC, FFA and PNA)
➢ Technical service providers (SATLINK, ARCHIPELAGO, DOS, Marine Instruments, Saltwater Inc., LTFV)
➢ ISSF (also provided funding for the workshop !)

EM process standards Workshop (June 2016)

Step-by-step process to review 'if' and 'how' EM could collect each standard data field …

Field name/description, field format, validation rules, XML tag should be consistent between ER and EM …

		LL_SETHAULLOG					
		The E-Reporting system must PROVIDE the following log information for EACH SET/HAUL during the period of the trip, typically on a					
FIELD	Data Collection Instructions	Current Entry Source OO PRE POS AG	Future Entry Source OO PRE POS AG	Issues	How	Field format notes	Validati
TRIP IDENTIFIER	Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE						
SET IDENTIFIER	Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE + SET START DATE + SET START TIME						
SETHAUL LOG IDENTIFIER	Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE + SET START DATE + SET START TIME + LOG DATE + LOG TIME						
log_date	Date/TIME of log reading	OO	AG-Sensor AG-Video AG-VMS	Recorded by the EM system after being flagged by the office observer. In accordance with instructions on the back of logsheet FORM LL2/3, this could be set to automatically record details every half or 1 hour.		REFER TO APPENDIX A1	Must adl
sethaul	Status of gear at this logged date/time : Set (S) Haul (H), Soak (K) or Float retrieved (F)	OO	AG-Sensor AG-Video AG-VMS	I'm not sure about this as the datasheets and Observer Guide only ask for the haul log on hauling. But this could easily be recorded by the person responsible for reviewing the video and compiling ROP information.		Char (4)	Must be

The EM 'SOURCE' of each field with respect to EM and potential 'ISSUES" were the main discussion areas …

Four 'source' categories were defined …

OO – Generated from office observer
PRE – Collected during a pre-trip inspection
POS – Collection during a post-trip inspection
AG – Automatically generated from the EM system

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Both CURRENT and FUTURE potential 'source' were considered

"Issues" highlighted

Where to from here ? … Future work

- Update EM process standards to align with ER standards (v2)

- Test and enhance the Longline draft EM process standards …

- A regional EM implementation strategy ?
  - What is the broad vision and objectives for fishery monitoring in the WCPO tuna fisheries?
  - What advice do SPC and FFA provide members implementing ER and EM?
  - What resources and support can SPC and FFA offer?

- EM Purse Seine Technical Standards
  - Convene a similar technical standards workshop for the Purse Seine fishery

- Purse Seine EM trials
  - Potential for EM for certain data collection on PS vessels is good …
  - For example, obtain more precise species and size composition data…