



E-MONITORING AND E-REPORTING WORKSHOP

Pacific Islands Forum Fisheries Agency Headquarters, 31 March – 1 April 2014
Honiara, SOLOMON ISLANDS

**Implementation of ER and EM in the WCPFC
– Assessing possible impacts on employment in
Small Island Developing States**

31 March 2014

Kerry Smith

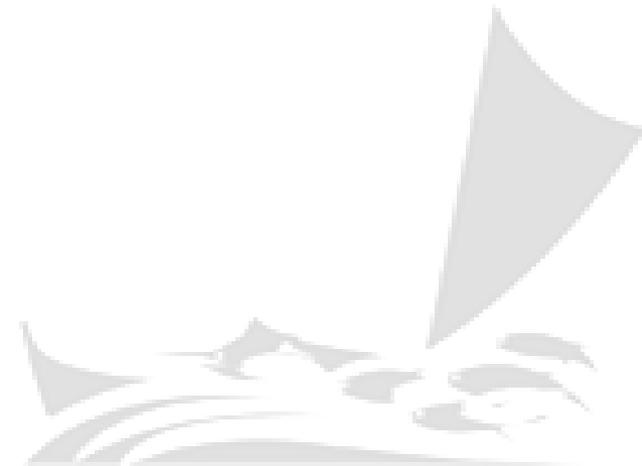


Implementation of ER and EM in the WCPFC – Assessing possible impacts on employment in Small Island Developing States

Kerry Smith
WCPFC Secretariat

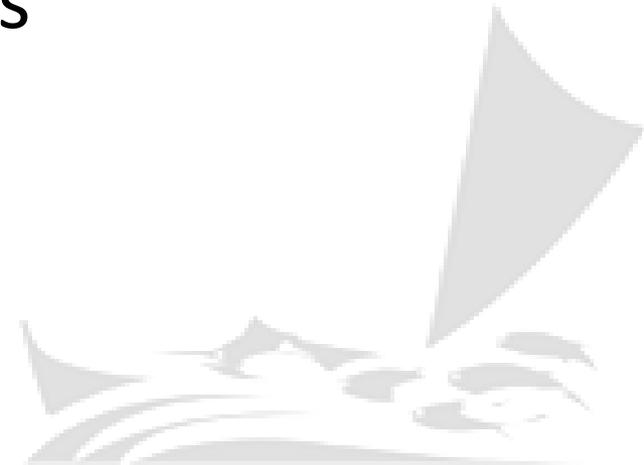
Overview

- Objectives/Method
- Scenario – EM, ER
- Services required
- Findings – impacts on SIDS



Objectives/Method

- To assess the impact of implementing ER and EM on Pacific Islands employment
- To consider the opportunities that might arise from the adoption of e-technologies
- FSM case study
- Literature review and interviews



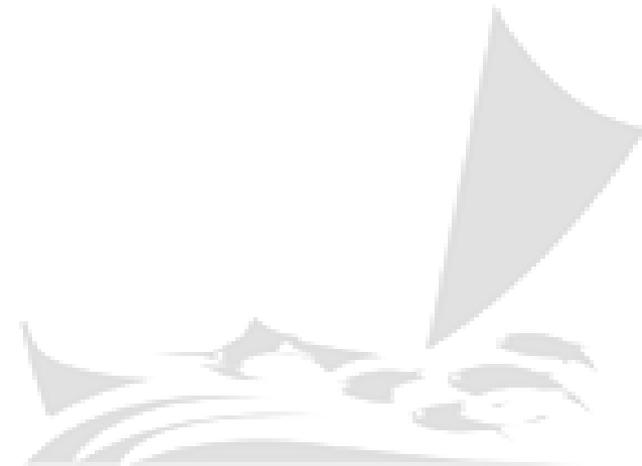
Scenario

- 100% ER – logsheets and observer reports
- 100%EM – all fleets
- Assumptions
 - current data needs and reporting requirements remain the same
 - maintain current observer levels
 - minimum standards for function, technical and regulatory purposes
 - type approval process

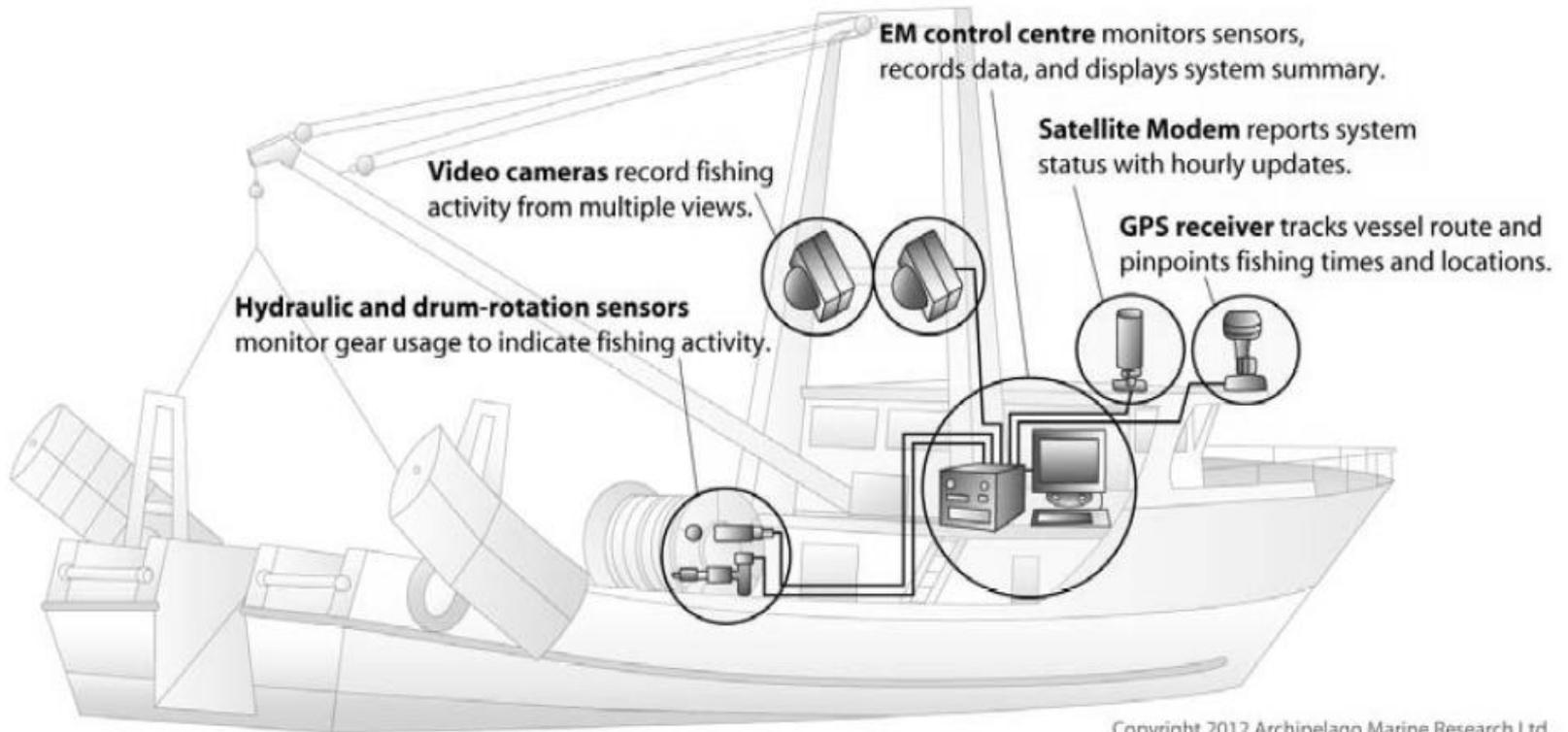


Electronic reporting

- Data entered on-line
- Quality control mechanisms built in
 - Auditable
- Data processing involves validation against a number of datasets
- Timely integration into SPC
 - data analysis
 - reporting and review

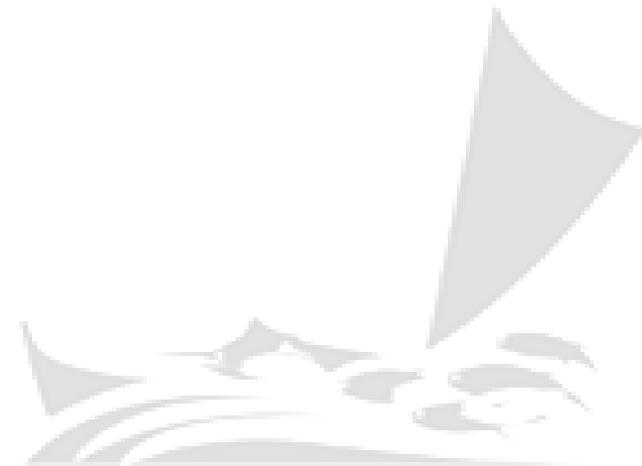


Electronic monitoring



Services required - ER

- Initial impacts
 - Resources to support implementation
 - Data entry services no longer required
 - Data integration services increase
 - IT support services increase



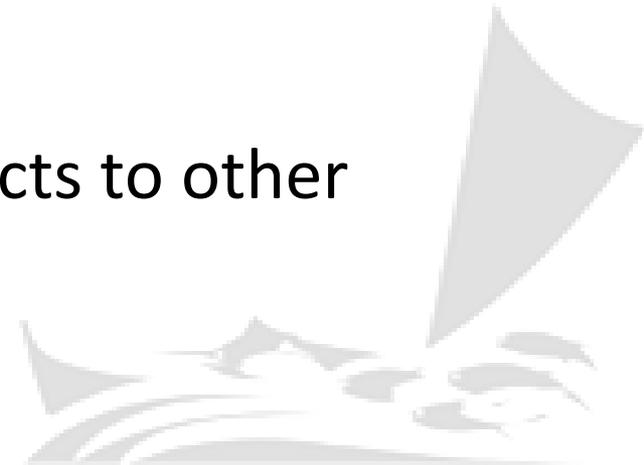
Services required - EM

- Increased need for
 - marine technical and IT support services
 - administration/coordination services
 - data analysis and reporting
- Observer skills transferable to data analyst
- Data entry skills transferable to data analyst
- Technical and vocational training needs



Findings

- Impacts potentially wide ranging
 - Enhanced data quality and timeliness
 - More responsive management
 - More diverse employment pool
 - Initial reduction in data entry personnel, offset by increased need for data analysts, IT and marine technicians
 - Increased costs initially
 - Flow on and complementary effects to other sectors



Thank-you

