



## **E-MONITORING AND E-REPORTING WORKSHOP**

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


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

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**31 March 2014**

**Kerry Smith**

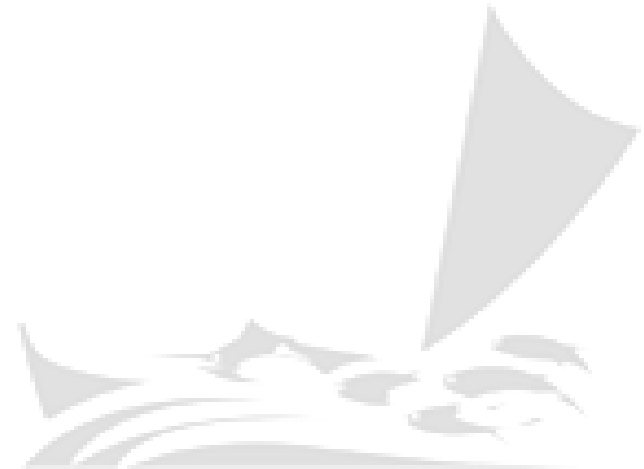
A faint, light gray background map of the Pacific region, showing the outlines of continents and islands. The map is centered behind the title text.

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

Kerry Smith  
WCPFC Secretariat

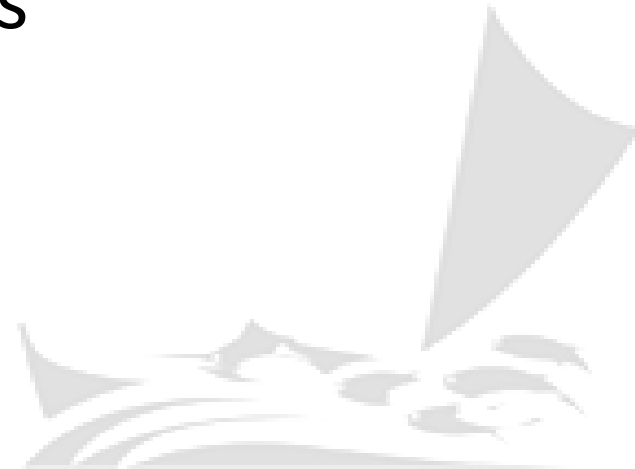
# Overview

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



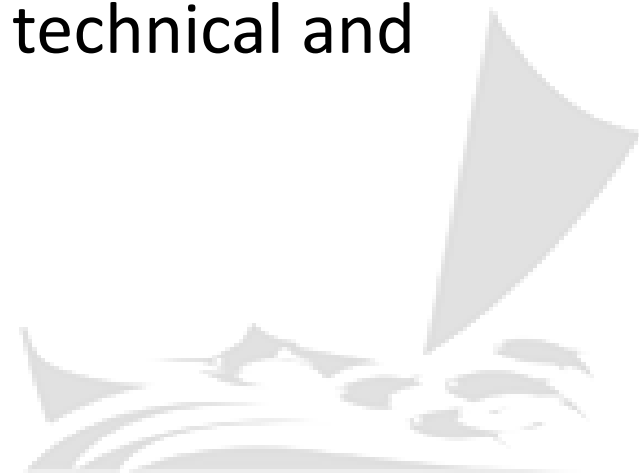
# Objectives/Method

- 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



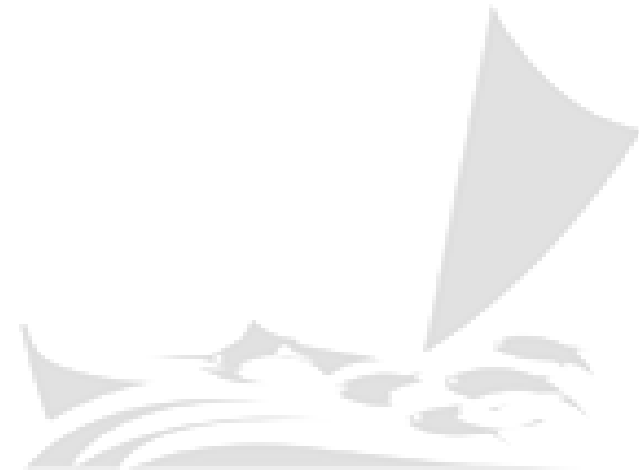
# Scenario

- 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

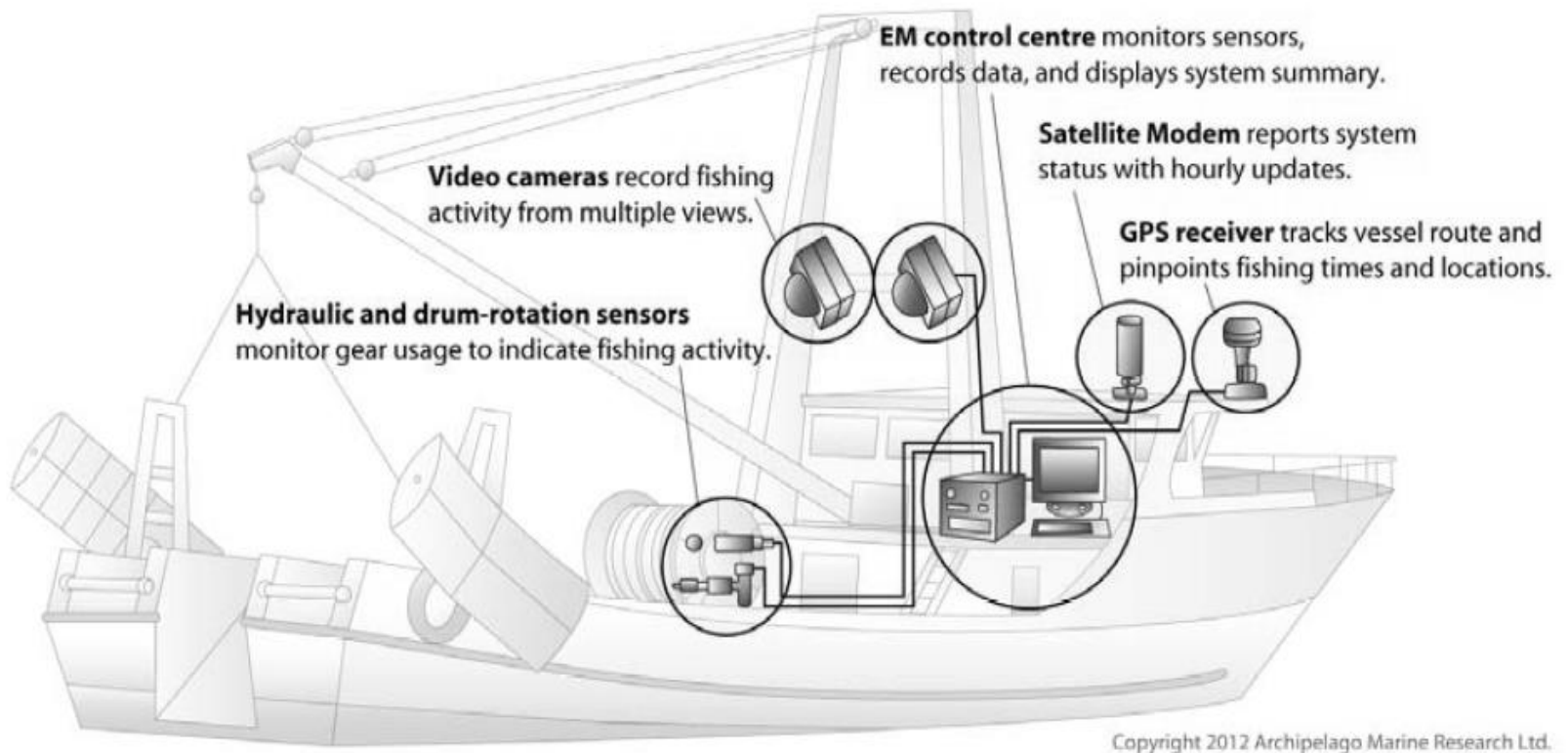


# Electronic reporting

- 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

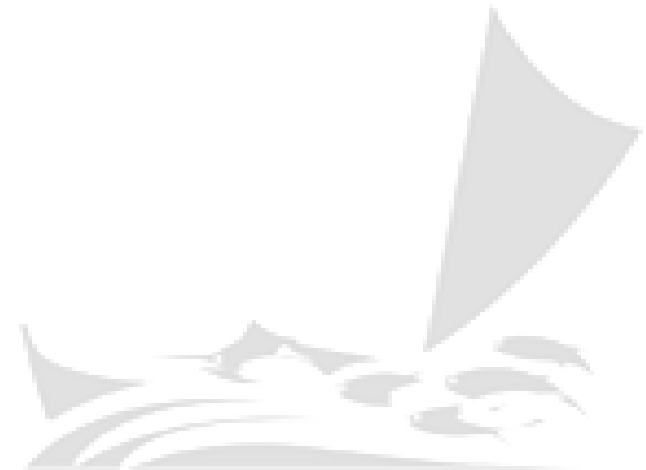


# Electronic monitoring



# Services required - ER

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





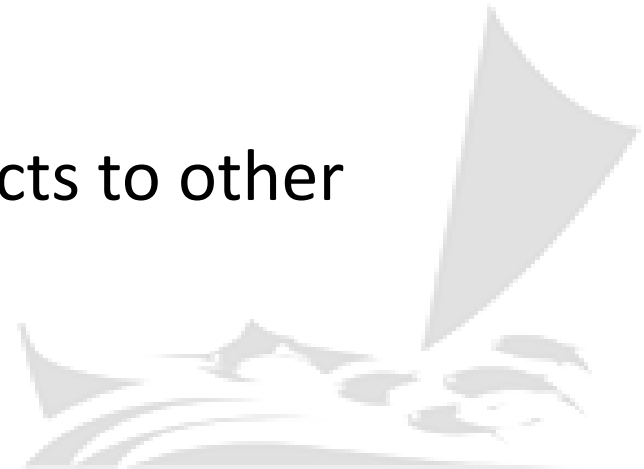
# Services required - EM

- 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**

