



# Vessel Tracking

***SIMA Workshop for Ship Operators***


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# Why Vessel Tracking?

- 234 domestic vessels operational out of 282 registered vessels
  - 19 passenger vessels
  - 25 cargo-passenger vessels
  - 112 cargo vessels
  - 17 fishing vessels
  - 61 barges

**173 manned vessels**
- **Obligations** in Shipping (Non-Convention Vessel Safety) Regulations 2006
  - Section 113: radio reporting twice a day – it is an offence to not report as required
  - Section 102: GMDSS radiocommunication equipment including digital Selective Calling
- **Reporting by radio is not fully adapted** and not fully implemented by shipping companies and master (often no response to MRCC calls)
- SIMA to monitor domestic vessel activities
  - Effective response to Search & Rescue Operations
  - Reliable information on vessels' movements and commercial operations to public and organisations
  - Support transition to low-carbon shipping and energy efficient shipping operations.

# What is SIMA's response?

- **Upgrade vessels' radiocommunication and tracking equipment:**
  - Digital GMDSS Radiocommunication System
  - Automatic Identification System (AIS)
- **Provide financial support** for equipment upgrade focusing on priority vessels
  - framework for support to be confirmed
  - managed under the SIMA Advisory Committee
- **Improve MRCC Honiara capacity and systems**
  - Upgrade MRCC's radiocommunication and tracking equipment
  - Install SAR system at the MRCC
  - Build capacity to track vessels and provide rapid assistance

# Overall project overview



## STRENGTHENING BORDER SECURITY & MARITIME SAFETY PROJECT

### Purpose

Develop and strengthen a vessel tracking system at SIMA to assist border security, maritime safety and pollution prevention within SI waters

### Objective

Robust and effective vessel registration, licensing and tracking laws, procedures and systems at SIMA to strengthen border security and improve maritime safety.

### Timeframe

2 years

### Funding

6.6M budget support from SIG funded by New Zealand

## EXPECTED OUTCOME

Identification and effective **monitoring and licensing of small crafts** across Solomon Islands.

Improve **domestic and international vessels' tracking** in Solomon Islands waters.

Developing and **implementing intelligence, systems, laws and procedures.**



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