

INTERNATIONAL SATELLITE SYMPOSIUM 2017

BANGKOK

THAILAND

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Solomon Islands Country Report

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Director Regulatory Resources

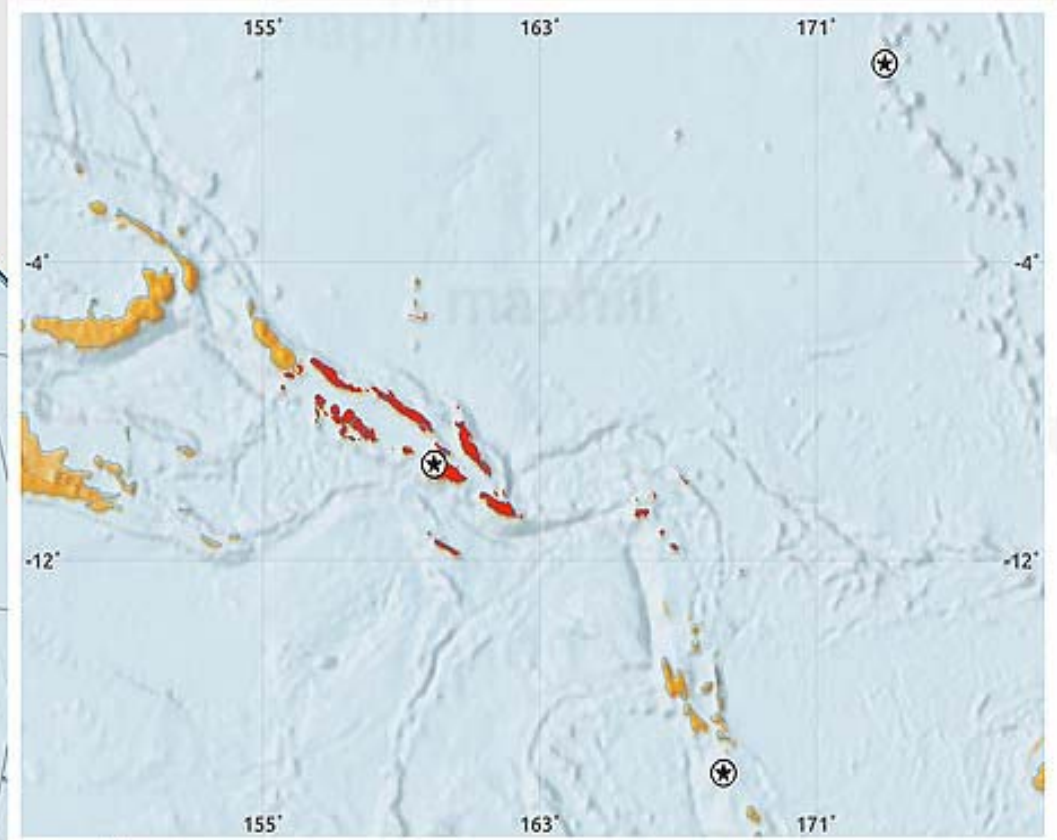
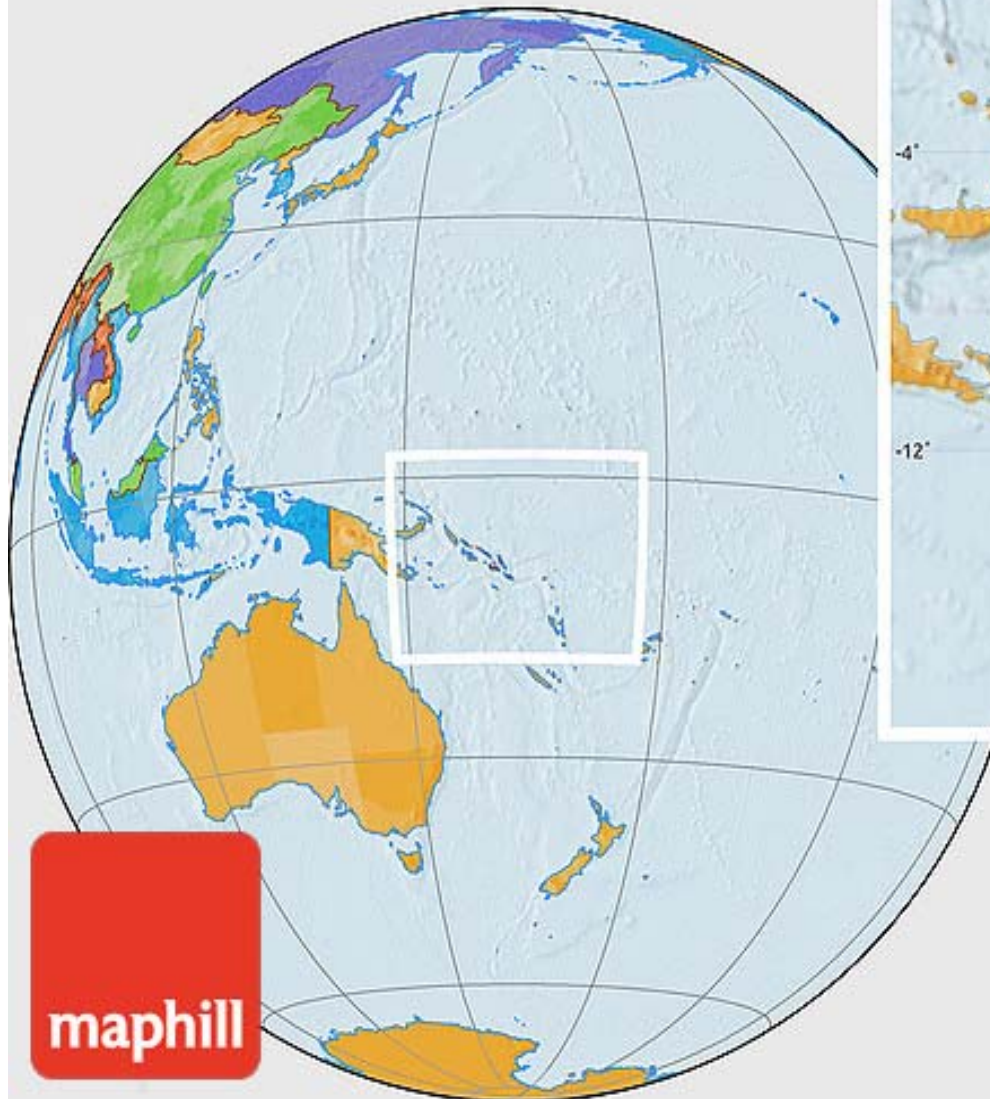
Telecommunications Commission Solomon Islands



Outline

- 1. Solomon Islands Geographical Distribution**
- 2. Solomon Islands Population Distribution**
- 3. Telecommunication Sector Overview**
- 4. Telecommunication Sector Indicator**
- 5. Challenges**
- 6. Way Forward**

Solomon Islands Geographical Location

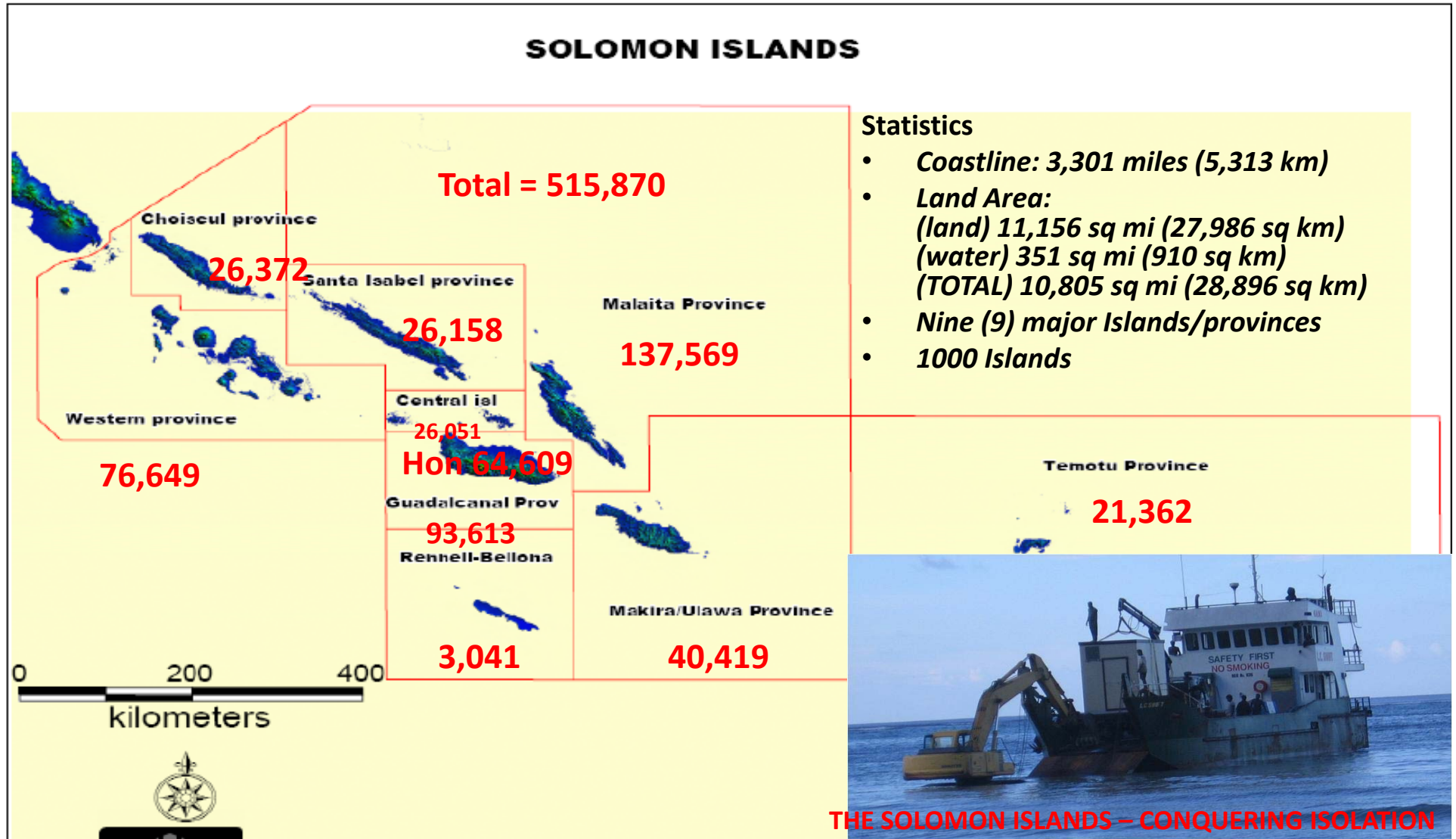


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Solomon Islands Population Distribution

(National census 2009)

Map Of Solomon Islands



SI Telecommunication Sector Overview

- **MARKET & COMPETITION**

- Competitive & Liberalised Market
- Established 2009 (Telecommunication Act 2009)
- Regulator (Telecommunications Commission Solomon Islands – May 2010)
- Policy Objective *“Availability, affordability quality of service and kinds of telecommunications services in Solomon Islands.”*

- **NETWORK OPERATORS AND SERVICE PROVIDERS**

- Solomon Telekom Company Limited (Fixed, Mobile Network, DTTB)
- Bmobile –Vodafone Solomon Islands Limited (Mobile Network)
- Satsol Limited (ISP & DTTB)

Telecommunication Sector Indicators

- **MOBILE OVERALL RAN INFRASTRUCTURE BUILD (2016 – Process of Reviewing)**
 - Solomon Telekom 21, 2.5/3G sites Honiara
 - Solomon Telekom 154, 2.5G Rural Sites
 - **144 VSAT Sites**
 - Bmobile Vodafone 19, 2,5/3G sites Honiara
 - Bmobile Vodafone 43, 2.5G Rural Sites
 - **30 VSAT Sites**
 - **Average USD 250k – 350K Capex per Rural Site Infrastructure Build)**
- **MOBILE SUBSCRIBER & COVERAGE**
 - Mobile Subscriber (2016) 416,572
 - Mobile Penetration (2016) 71% (calculated)
 - Mobile Coverage (2016) 93% (Calculated)
- **SATELLITE INFRASTRUCTURE BUILD**
 - 3 x O3B (Honiara) International Hubs
 - 3 x C-Band International Hubs
 - 4 x Domestic Hubs
 - International Satellite BW 785 Mbps (O3B 89%)
 - **TOTAL Rural 174 VSAT Sites**

Satellite Filing Services

- **BACKGROUND**
 - Satellite Filing Involvement started 2016
 - Solomon Islands; Administrator Telecommunications Commission(Regulator)
 - Satellite Coordination and Notification Procedures Services (1. Advance Publication; 2. Coordination Requests; 3. Notifications; 4. Due Diligence)
 - Procedure Involves Non-Planned and Planned Satellite Services (Appendices, Resolutions, Articles, Regulations etc..)
 - Experiences – Satellite Filing a Complex Administrative Procedure

Challenges

- **Disperse Population (Isolation & Remoteness)**
- **Power Issue in Rural Communities**
- **Satellite BW Costs/Mbps Domestic (still high)**
- **Satellite Technology Innovation (High Throughput , Lower Cost and Efficient)**
- **Achieve Sustainable Operation**

Way Forward

- **Continue to Provide Conducive Environment for Investment (Incentive & Confidence)**
- **Satellite Innovated Rural Solution (Technology & Infrastructure build)**
- **Relevant Economical Model (Scale & Scope)**
- **Adopt Collaborative Cross Functional Regulatory Approach (Sectors)**

THANK YOU