



REPUBLIC OF THE MARSHALL ISLANDS

MINISTRY OF TRANSPORTATION & COMMUNICATIONS



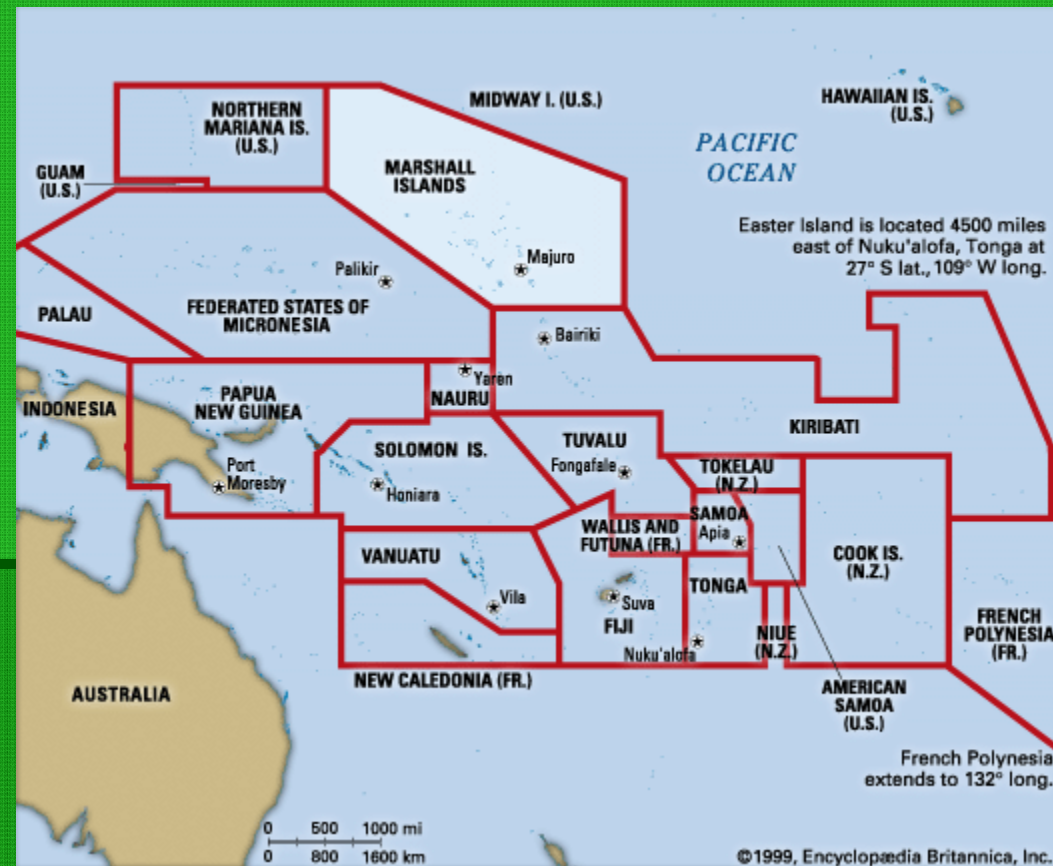


Republic of the Marshall Islands

GEOGRAPHIC LOCATION

- ✓ Geographic Location
- Economic Situation
- Communications Infrastructure
- Nature of Disaster and Socio Economic Impact
- Issues and Challenges
- Policies, Regulations, and Plans
- Recommendations

comprises of twenty-nine (29) atolls and five (5) single islands, with a distance separation that varies from 90 miles to 550 miles, more or less, from Majuro, the capital of Marshall Islands.



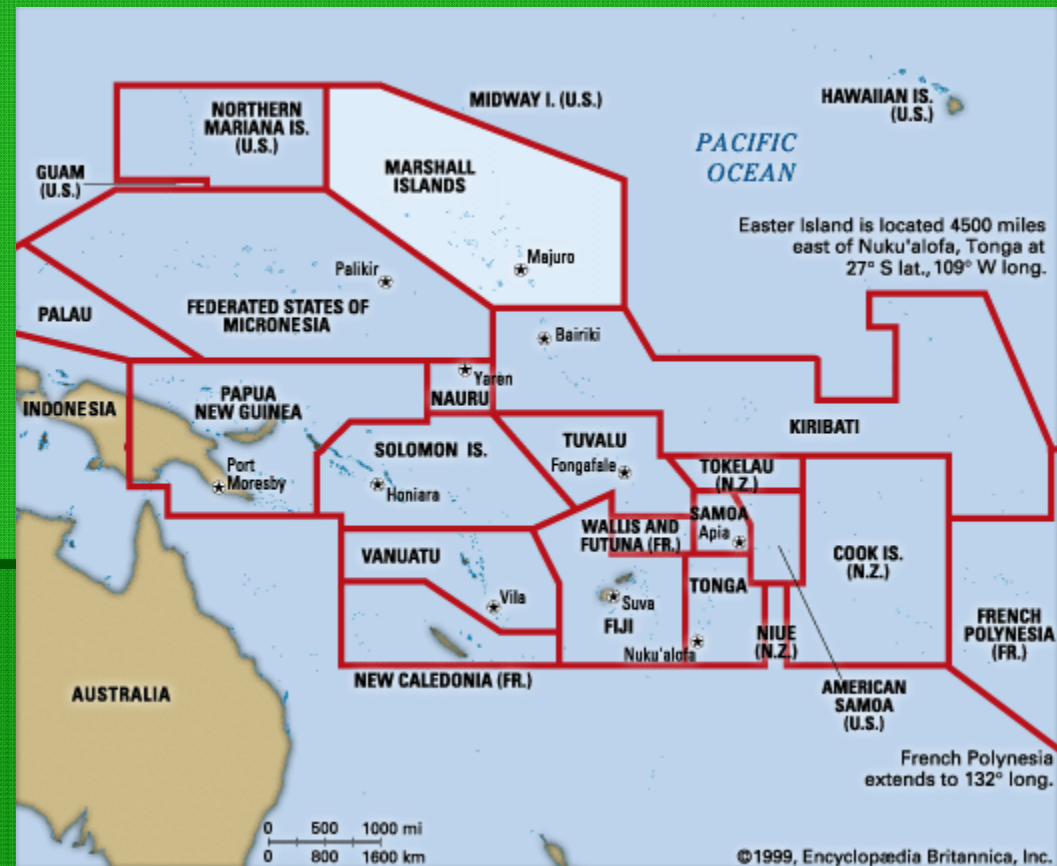


Republic of the Marshall Islands

ECONOMIC SITUATION

- ✓ Geographic Location
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economy relies mainly on U.S. financial assistance brought about by the Compact of Free Association and Kwajalein Military Base Rental, from the business investors mainly from foreign countries such as Taiwan, China, Korea, and Japan, and grants from donor countries to develop the country's educational, public works, and health system.





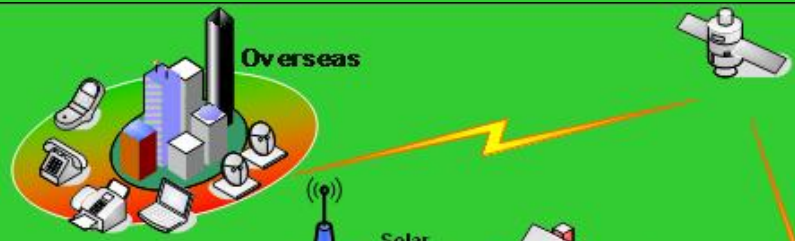
Republic of the Marshall Islands

COMMUNICATION INFRASTRUCTURE

- ✓ Geographic Location
- ✓ Economic Situation Goals
- ✓ Communications Infrastructure
 - Nature of Disaster and Socio Economic Impact
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REPUBLIC OF THE MARSHALL ISLANDS

TELECOMMUNICATION INFRASTRUCTURE



Overseas

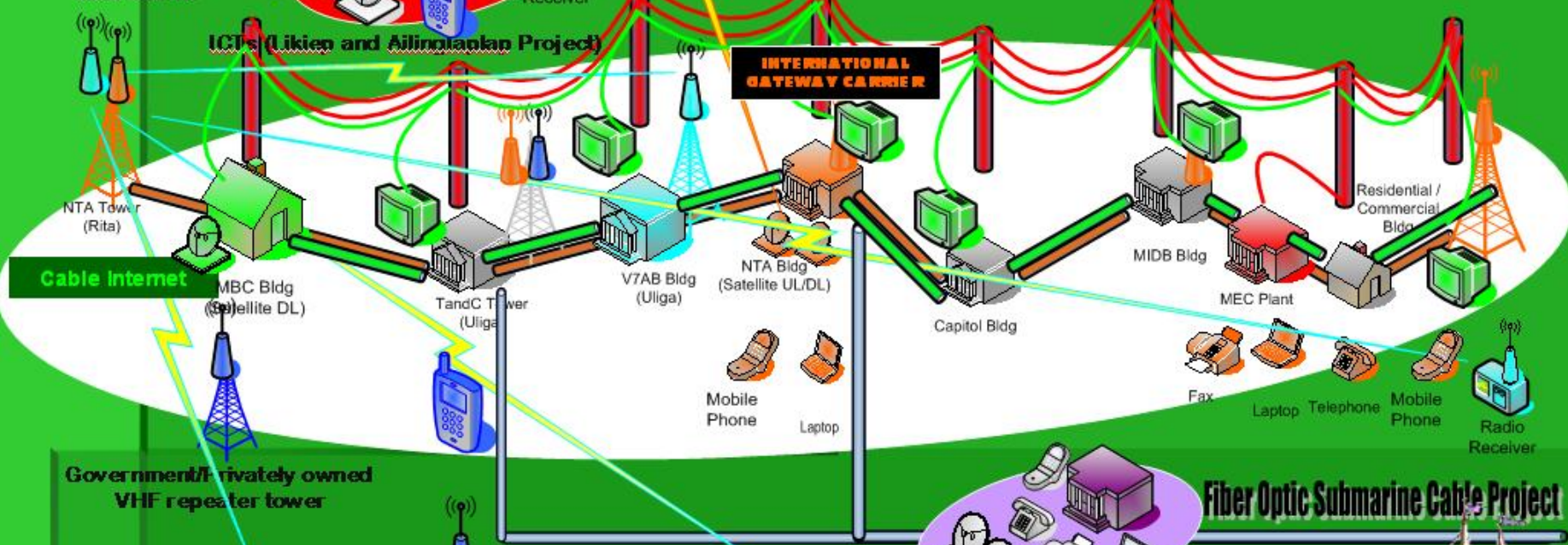
Mobile phones, Fax,
Telemedicine, eLearning,
Internet,
VOIP,
Cable Internet



Service Providers:
Public works (roads, buildings, runways, bridge)
Electricity (Marshall Electric Company)
Public Switch Telephone Network,
Mobile Phone, WLL (MINTA)
HF and VHF Radio
AM / FM Broadcasting (V7AB...)
Cable Television Broadcasting (MBC)
National Emergency (Citizens Band Radio) NDC

ICTs (Likiep and Ailinlikan Project)

INTERNATIONAL GATEWAY CARRIER

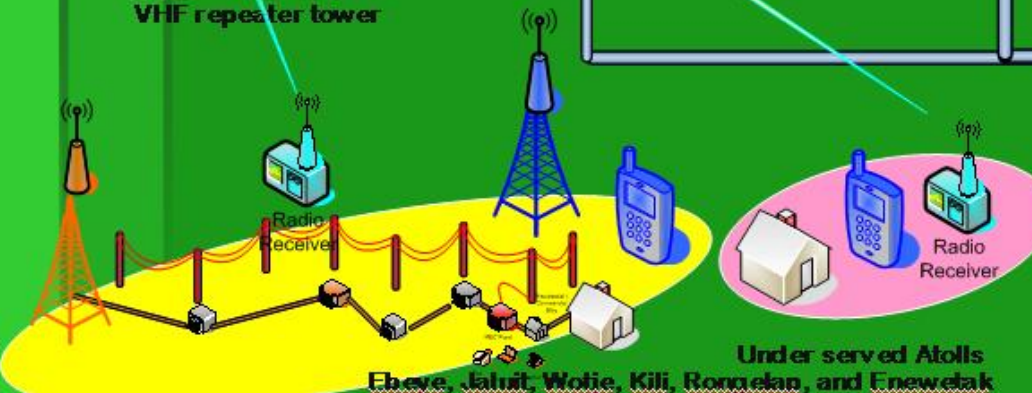


Cable Internet

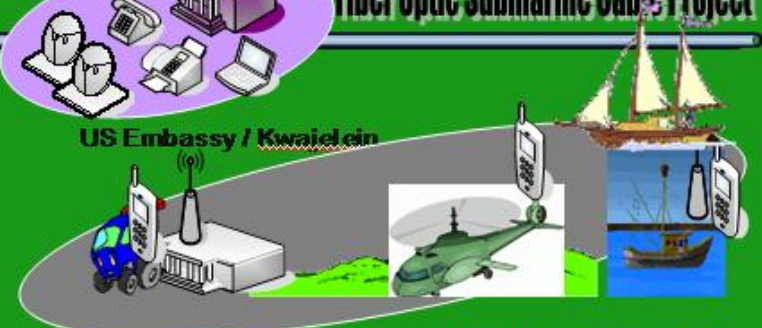
**Government/Privately owned
VHF repeater tower**

Fiber Optic Submarine Cable Project

US Embassy / Kwajalein



**Under served Atolls
Ebeye, Jaluit, Wotie, Kili, Rongelap, and Eniwetok**



TRANSPORTATION (land, air, water)

Republic of the Marshall Islands

NATURE OF DISASTER



- ✓ Geographic Location
- ✓ Economic Situation
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- With notice
 - Typhoons
- Short-notice Disaster
 - Fire, Airplane Crash, Sea Vessel Accident, Tsumani, HazMat, Oil Spillage.
- No-notice Disaster and Mass Casualty
 - Earthquake and Airplane Crash

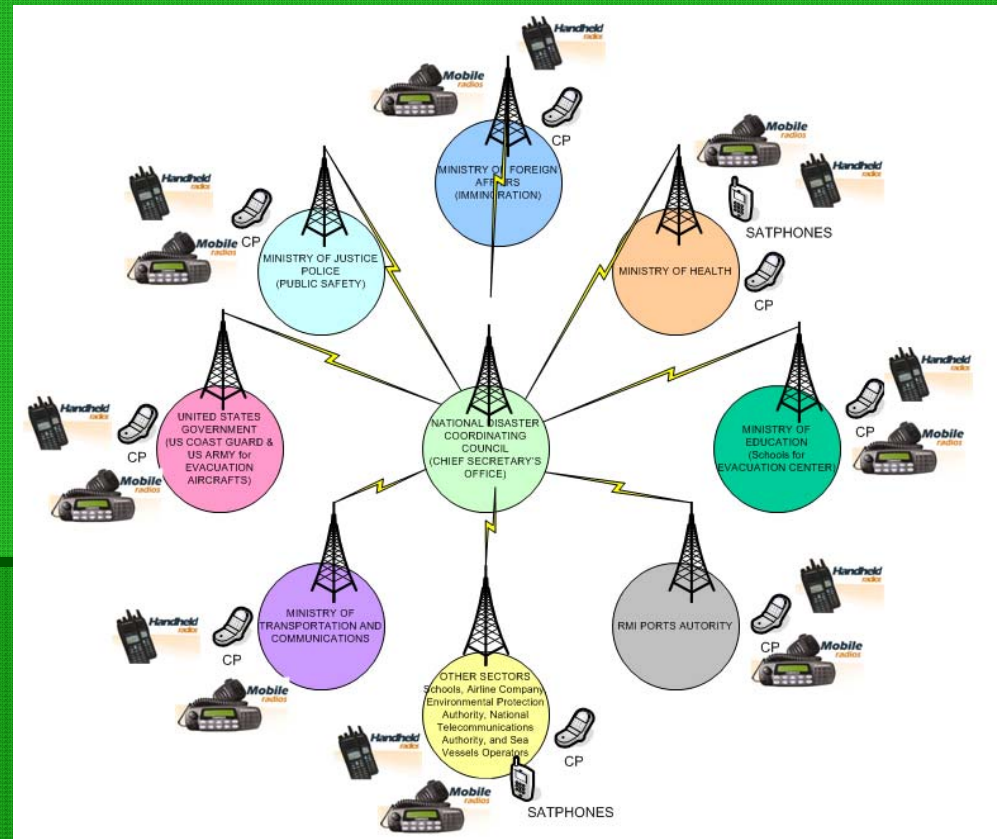


Republic of the Marshall Islands

NATURE OF DISASTER

- ✓ Geographic Location
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Any disaster is being handled by the National Disaster Coordinating Council under the leadership of the Chief Secretary. Each respective entity has its link with the NDC. We have two (2) SATPHONES, and multitudes of hand held Radios.





Republic of the Marshall Islands

SOCIO-ECONOMIC IMPACT

- ✓ Geographic Location
- ✓ Economic Situation
- ✓ Communications Infrastructure
- ✓ Nature of Disaster and Socio Economic Impact
 - Issues and Challenges
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 - Recommendations

We have two (2) ICT projects ready for deployment. These are LIKIEP and AILINGLAPLAP ICT Projects. This would benefit the Inhabitants of the two (2) atolls for this will be utilized for communications, telemedicine and e-learning.

- Increase in demand for **ICT services**;
- Changes in **employment** and **income levels** due to education explosion; and
- Changes in the **aesthetic quality** of the community.

Republic of the Marshall Islands

ISSUES AND CHALLENGES



- ✓ Geographic Location
- ✓ Economic Situation
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Issues and challenges in applying telecommunications/ICTs for all phases of disaster management

TELECOMMUNICATIONS MONOPOLY

Telecommunications Bill 2008 for liberalization.

OUTDATED RADIO COMMUNICATIONS ACT

LIMITED IN SCOPE

INCONSISTENT WITH MODERN APPROACH



Republic of the Marshall Islands

POLICIES, REGULATIONS, AND PLANS

- ✓ Geographic Location
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Existence of policy, regulation, and plan concerned to communications for emergencies and disasters

Due to limitation of scope of the Radio Communications Act and being outdated, influx of communications equipments is very hard to control and implementation of policies and regulations are impossible to implement. ICT projects are not being supported by Telecommunications Operator, thus making the ICT centers' connection to Majuro expensive. For this reason, pushing for Telecommunication Sector Liberalization.

Republic of the Marshall Islands

RECOMMENDATIONS



- ✓ Geographic Location
- ✓ Economic Situation
- ✓ Communications Infrastructure
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- ✓ Recommendations

Recommendations for action plans and ways forwards

- Improve INTEROPERABLE COMMUNICATIONS
- Soliciting TECHNICAL HELP from VSAT Engineers for the deployment of the ICT pilot projects for Likiep (ITU funded) and Ailinglaplap (PIFS / SPC funded).
- Seek more donors for ICT projects, inclusive of at least one (1) year satellite bandwidth subscriptio, for remaining atolls.
- Continue lobbying for the Telecommunications Sector liberalization.
- Meet and agree with various agencies such as Customs and Immigrations, Courier Services, and Post Office, to monitor and control influx of communications equipments.



In behalf of the Republic of the Marshall Islands,
Secretary Wilbur Allen and
Honorable Minister Dennis Momotaro
of the
Ministry of Transportation and Communications,
we would like to say
KOMMOL TATA
(Thank you very much).

