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Sharing Experiences from Other Countries for Improving Communication System for Disaster Management

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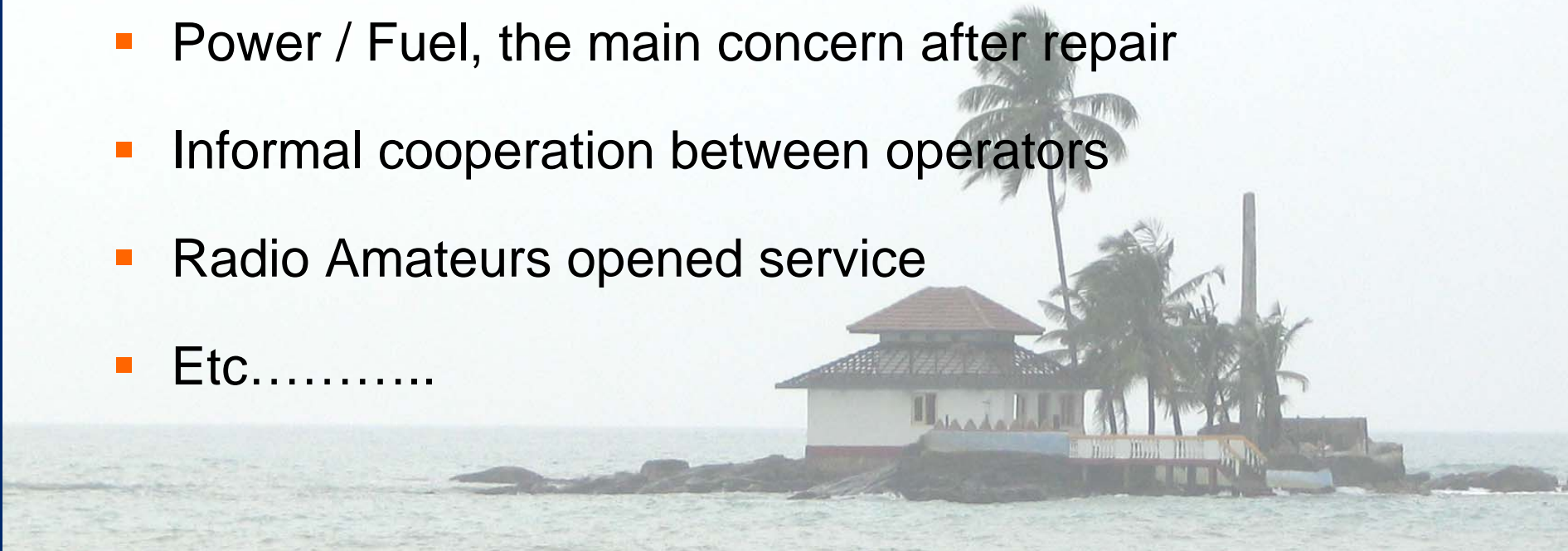
USGS
science for a changing world





Communication System- Tsunami Experience

- Normal public communication systems were congested
- Power / Fuel, the main concern after repair
- Informal cooperation between operators
- Radio Amateurs opened service
- Etc.....





Recommendations:

■ **National Communication Plan**

National Communications Plan should be developed beside Setting up national disaster management plan

■ **National Emergency TeleCommunication Management (NETCOM) Committee**

- Assure emergency com. for selected users
- Promote resilient public telecommunication
- Liaise with emergency and disaster agencies and organizations
- Initiate workgroups to create solutions



Recommendations:

- **Identify and Educate Technicians and Radio Operators**

 - Use Radio Amateurs education packages
 - Assign responsibilities to the individuals

- **Regular Communication Drills**

- **Verify the functionality and provide table top exercise for involved staff**





Recommendations:

Satellite Phones for independent Communication Backup

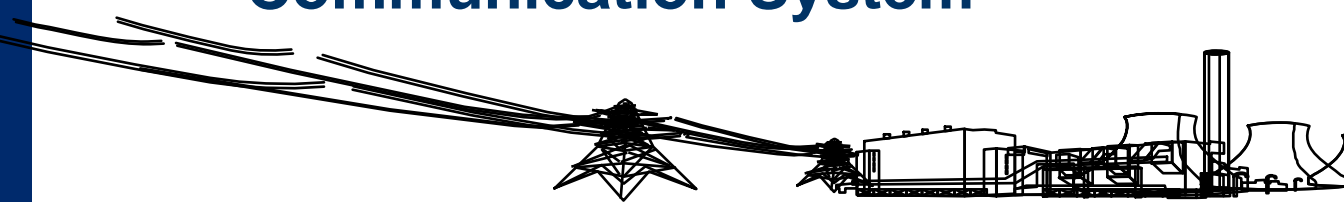
Emergency Alert via Broadcasting

Remote activation of alerts and messages

Police Radio Channels

More efficient use

Electricity Generation Authority's Communication System





Recommendations:

Maintenance of HF/VHF Network Communications

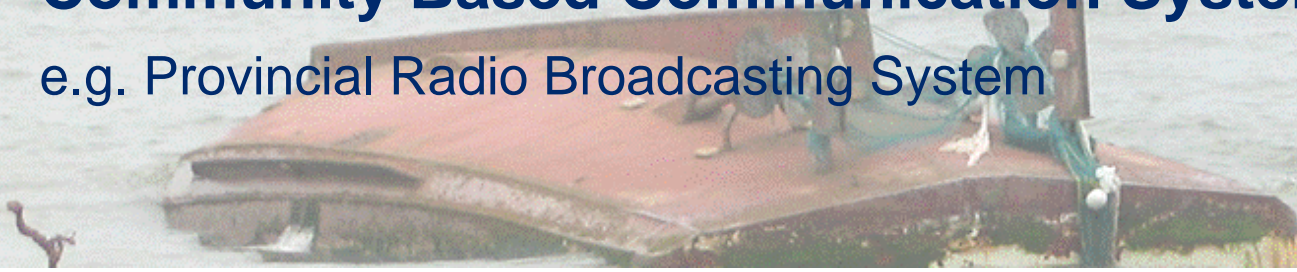
Equipment used for Multi Hazard and multi purpose

Communication Database

Share database of agency's existing communication networks

Community Based Communication System

e.g. Provincial Radio Broadcasting System

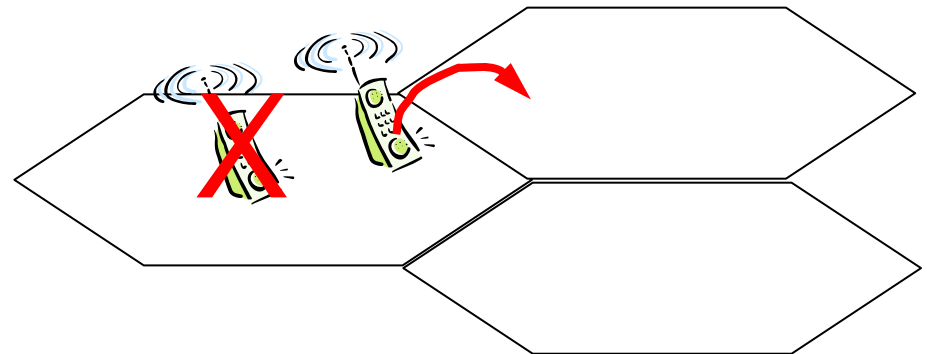




Telecommunication Service Providers Recommendations



- **Contingency Initiatives among & between Operators**
- **Establish Priority!**
- **Advocate Secure SMS**
- **Service Level Agreements**
- **Enable National Roaming**



Offering the Information ...

All information available...Ok?

