ASEAN REGIONAL FORUM

Promoting peace and security through dialogue and cooperation in the Asia Pacific.

ARF ISM on HADR 2012

Brisbane, Australia

ARF Disaster Relief Mapping Service

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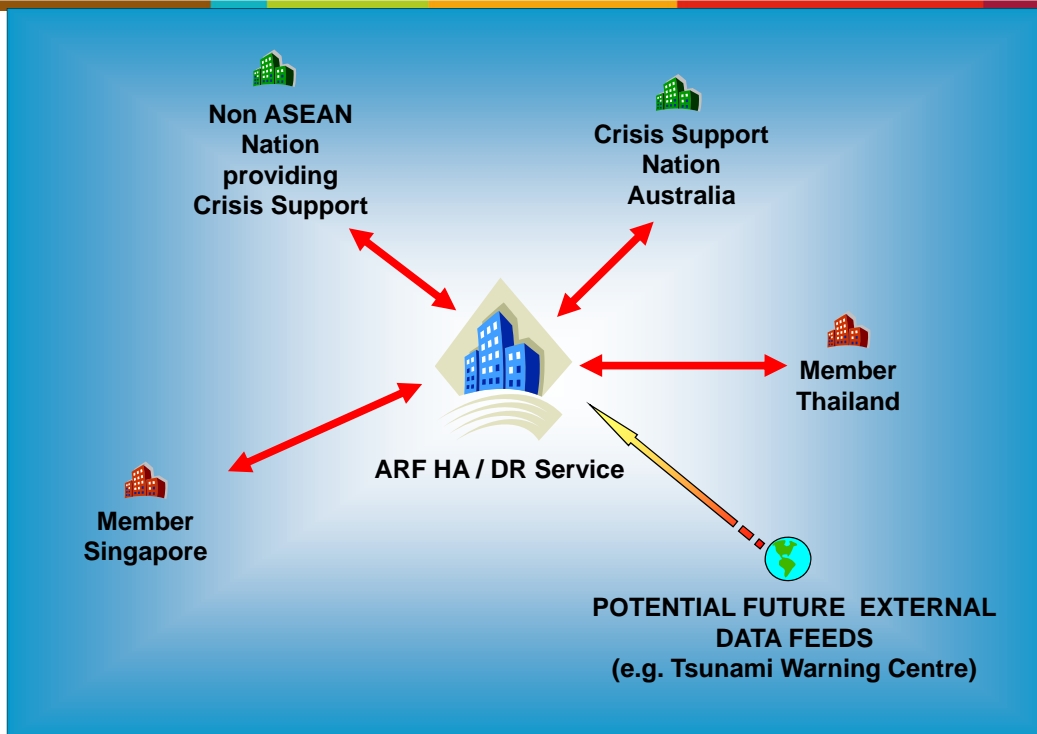**Defence Imagery & Geospatial Organisation**
Australia

PROPOSAL

• A collaborative geospatial service

• Utilised by support nations.

• <u>Voluntary</u>

• Provides common support base

BENEFITS

• One stop shop
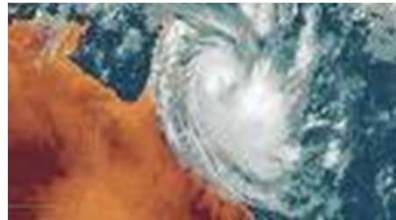• Information sharing
• Quicker response time
• Expandable

Non ASEAN Nation providing Crisis Support

Crisis Support Nation Australia

Member Thailand

ARF HA / DR Service

Member Singapore

POTENTIAL FUTURE EXTERNAL DATA FEEDS
(e.g. Tsunami Warning Centre)

Level 1 Support data:
Preparing for the Crisis

Pre-populated data
- **Features**
- **Elevation**

Level 2 Support data: Reacting to the Crisis
Maintenance and densification of data
- **Specialised data for provision of aid support**
  - **Aeronautical information**
    - **Vertical obstructions, navigation aids, etc**
    - **Air facilities support capabilities**
  - **Port facilities**

Level 3 Support data: Future
Predictive Models*
- **Inundation/flood models**
- **Network analysis**
- **Displaced populations**

TIMELINE

- ARF-DRMS became operational on 1 July 2010.
  - •Engaged with ASEAN countries Singapore, Malaysia, Indonesia for data

- Presented operational system at ARF ISM – HR Sept 2010.
- Presented at ARF DirEx in Indonesia 14 – 19 Mar 2011.

- Used the ARF-DRMS system for the New Zealand Earthquake event
  - •Christchurch   - Vector data
    - - Imagery data
    - - Mapping

Outstanding Issues Resolved

- **File Transfer Protocol (FTP) access has been made easier**
- **Failover created**
- **Backup regime implemented**
- **End point Security**

HOW TO USE THE SERVICE

Access to the service – should be controlled for the specific use for ARF HADR Support and Exercises.

- **Each Nation has their own access ID and Password.**
  - **These are available for all countries today**

- **Users**
  - **Registered users**
  - **Registered publishers**

- **How can I provide data to the service**
  - **Access to the FTP facility**
  - **Contact - arfdrms.help@defence.gov.au**

ASEAN Regional Forum - Disaster Relief Mapping Service

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HOME | SEARCH | ADMINISTRATION | REPOSITORIES | FTP | LAUNCH MAP VIEWER

FTP Services

The following FTP services are available :

Public Upload
ftp://www.arf-drms.com/upload
The public upload directory allows users to upload data that will be visible to all registered users of the system.
All users can read, write and delete files from this location

Public Download
ftp://www.arf-drms.com/download
The public download directory allows users to download data and is visible to all registered users of the system.
All users can read from this location
This location is controlled by the system Administrators, if you would like your data put here contact the administrators of the system.

Private
ftp://www.arf-drms.com/
This is private storage for a country, data is accessible by all account that account belongs to that country and Administrators.
All user of that country can read, write and delete files from this location.

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THE FUTURE

Where do we go from here?

- Is the Service of Value to the community ?
- Does the Service have enough exposure ?
- Continued Operations – funding ?
- Engagement ?

Questions?

CONTACT DETAILS

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