



CHANGI RHCC
S I N G A P O R E

Key Lessons Learnt



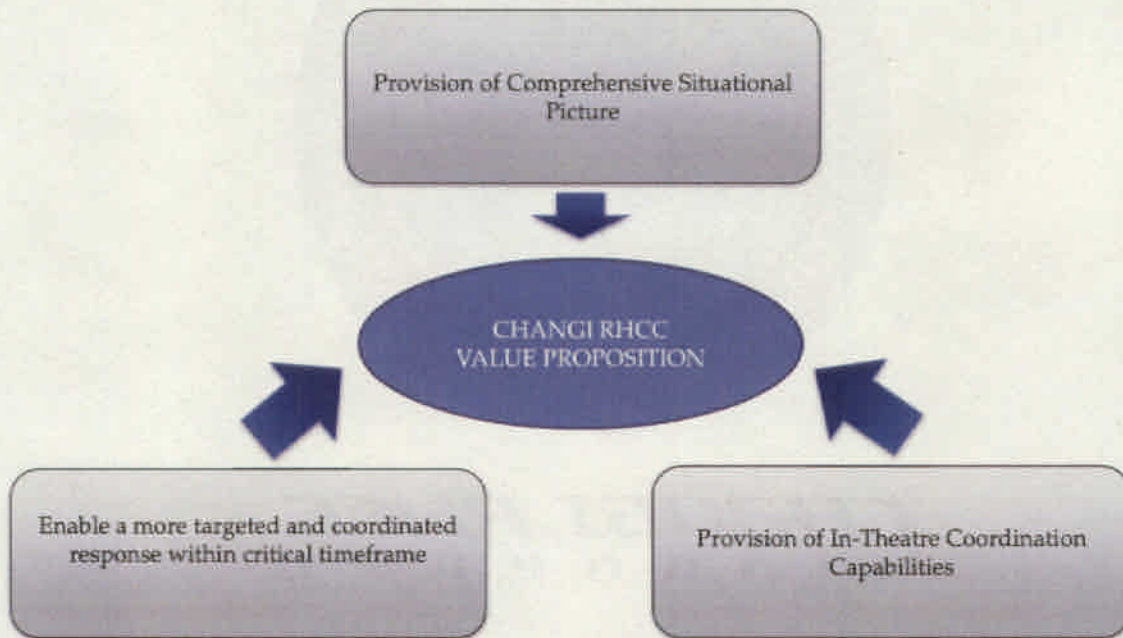
CHANGI RHCC
S I N G A P O R E



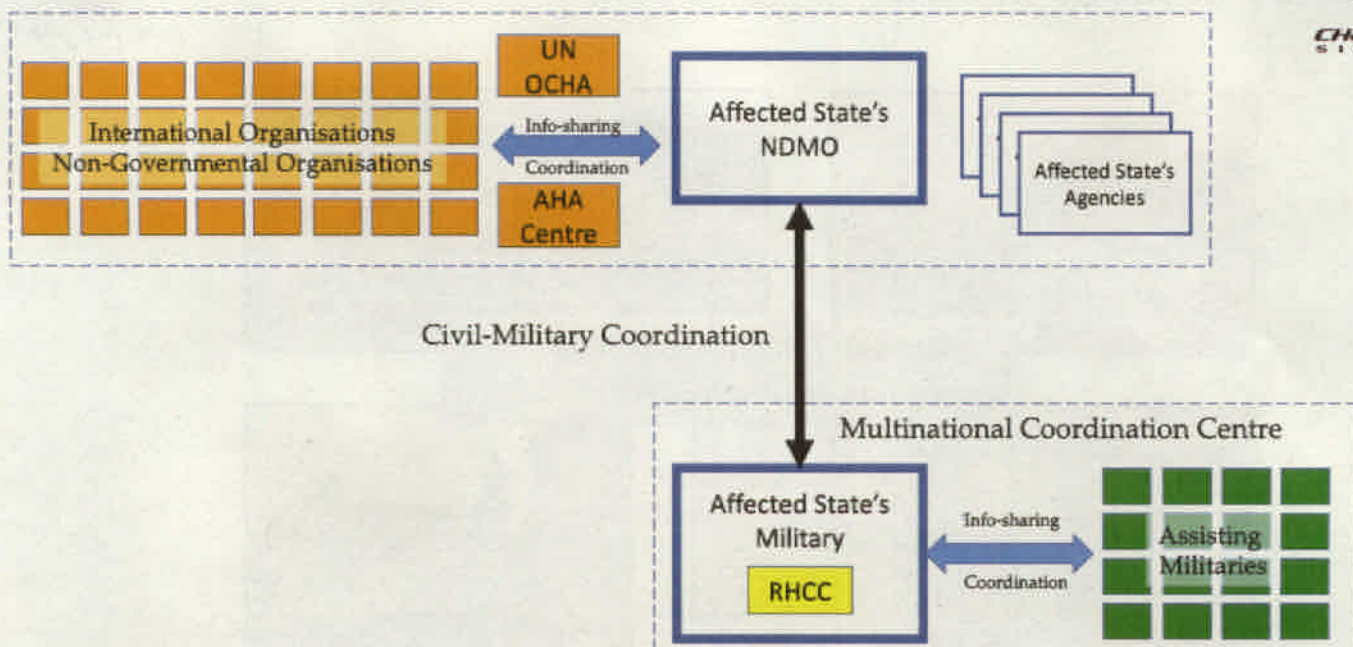
Limited Military-to-Military
Coordination and Initial Response



VALUE PROPOSITIONS



RHCC's Roles in a Disaster



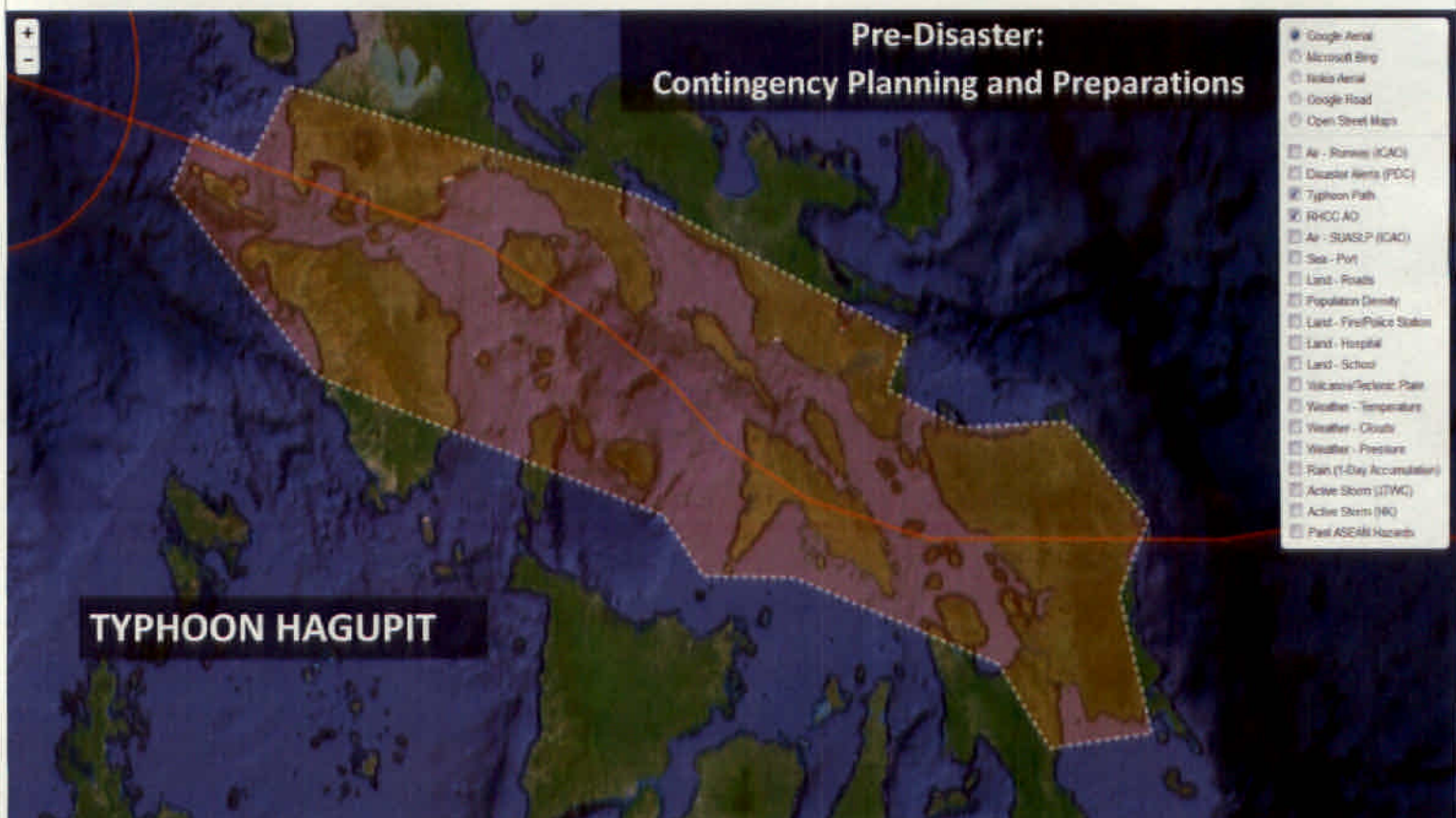
CHANGI RHCC OPERATIONS

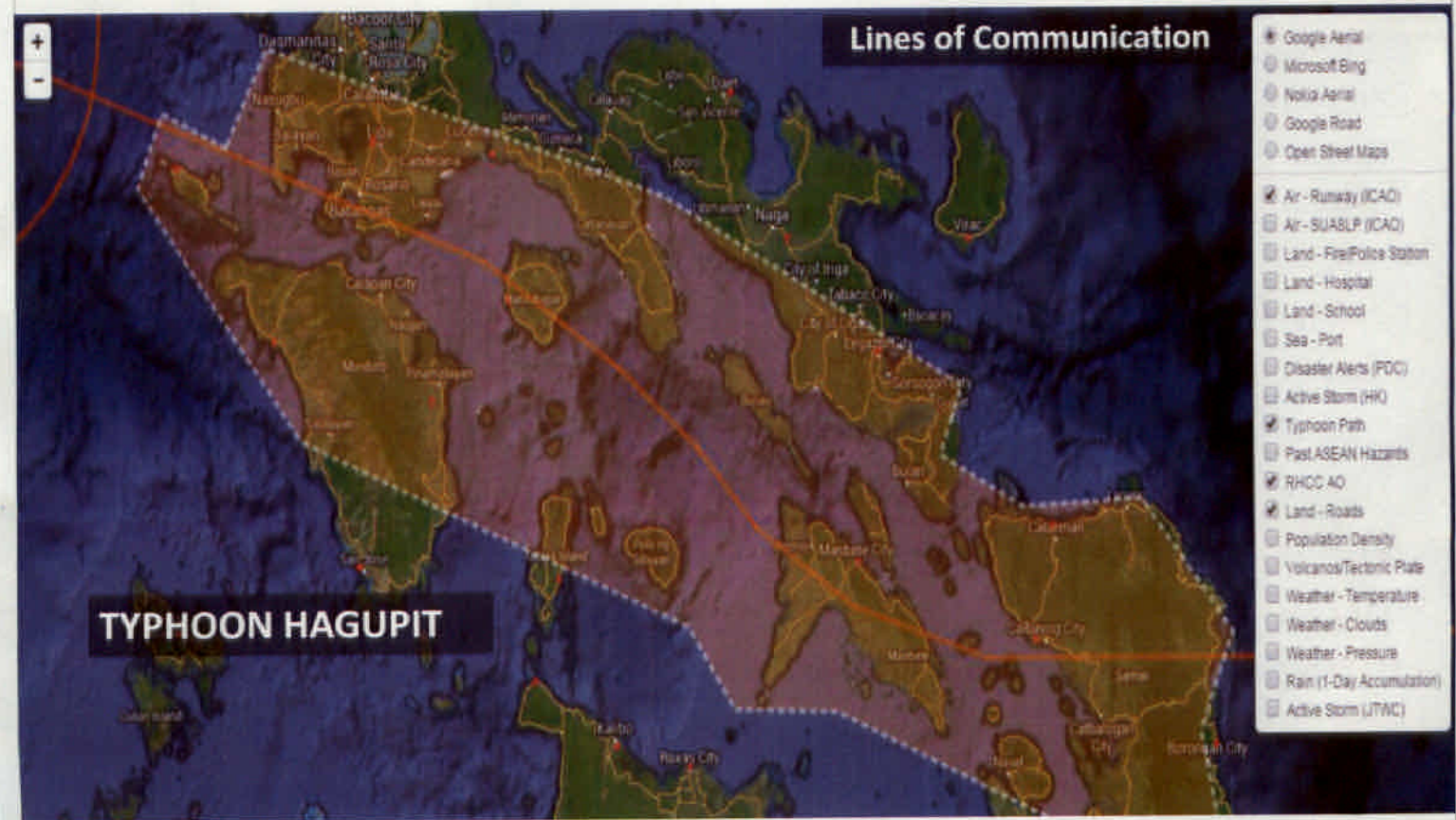
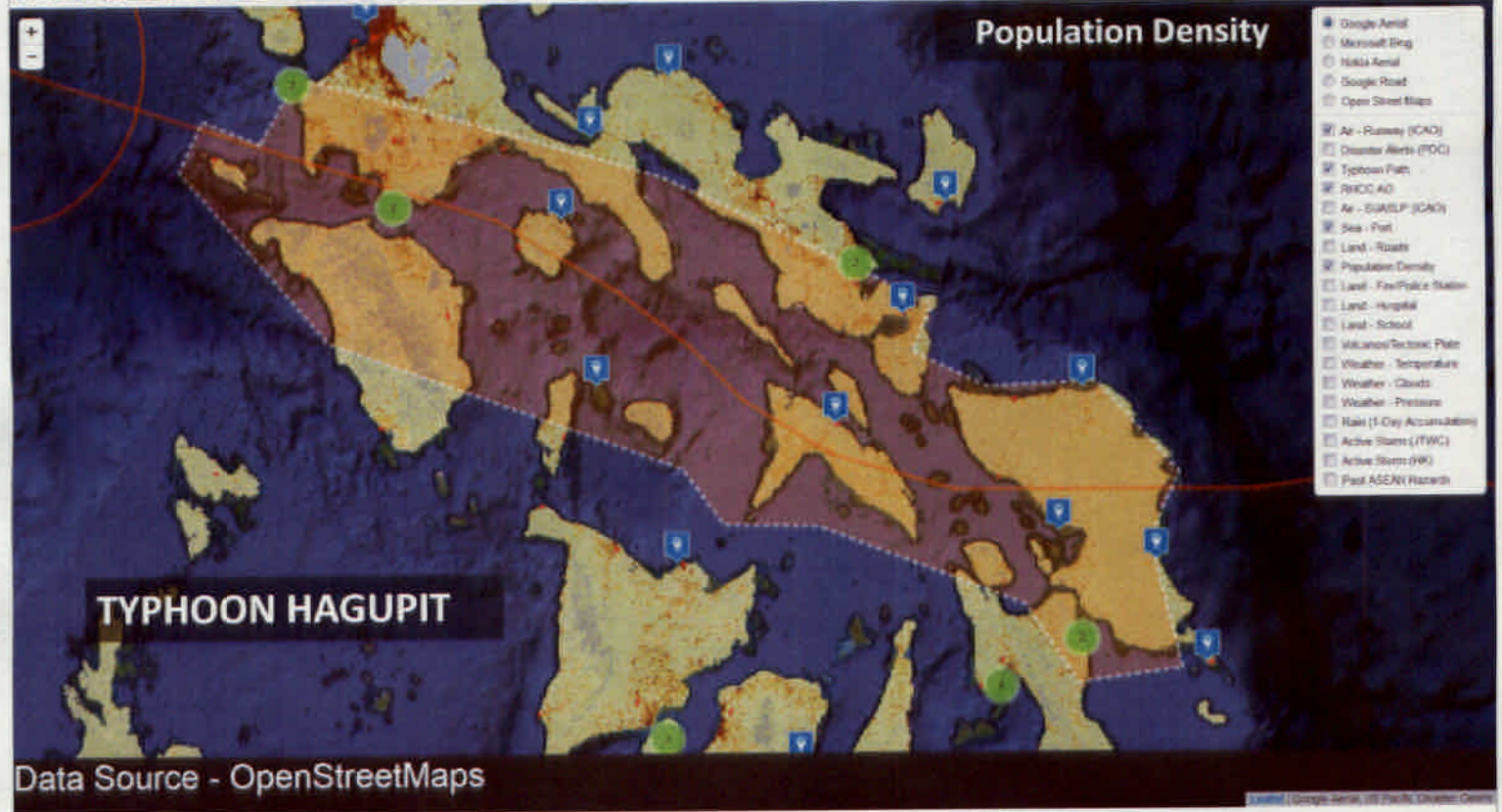


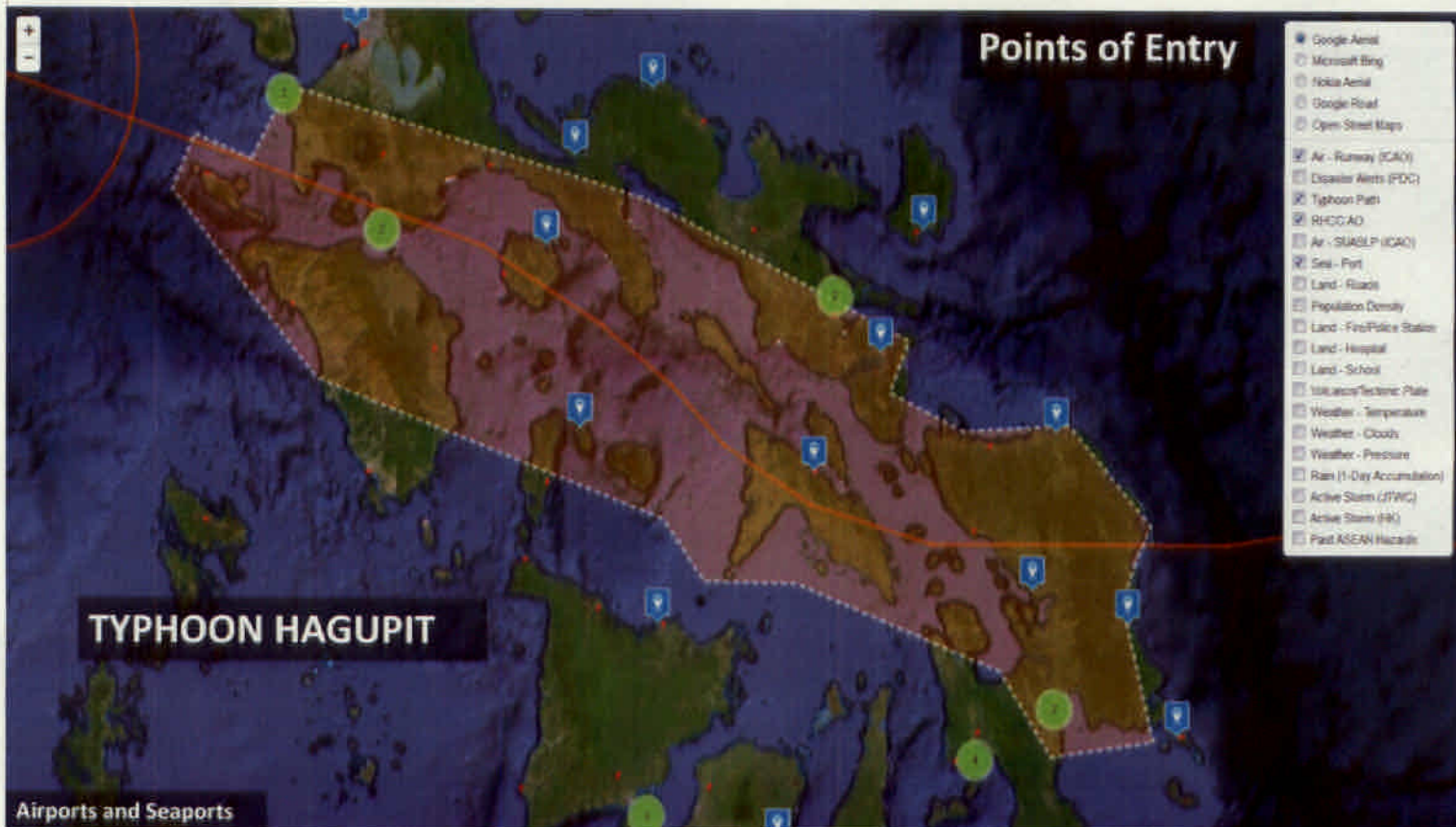
Day-to-day Operations



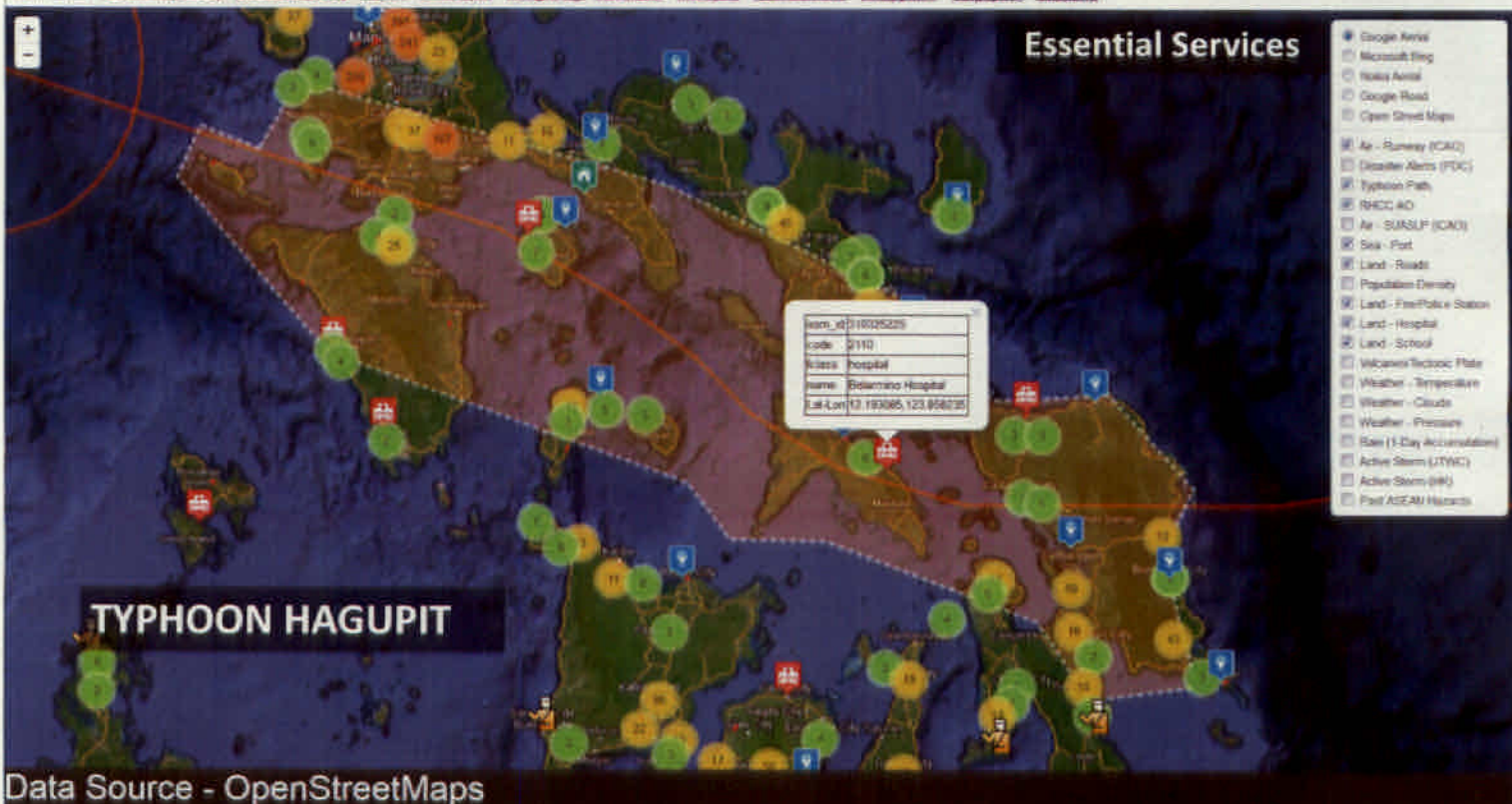
- Maintaining Ops Linkages
 - Deepen cooperation with Partner Militaries:
 - Accrediting ILOs to the RHCC
 - Establishing open linkages
 - Exchanging Military Points of Contact for HADR
 - Engage potential recipient states:
 - Work out pre-arrangements
 - Build operational linkages
 - Discussions with Key Stakeholders like AHA Centre and UN OCHA:
 - Refine CONOPs and enhance ground coordination

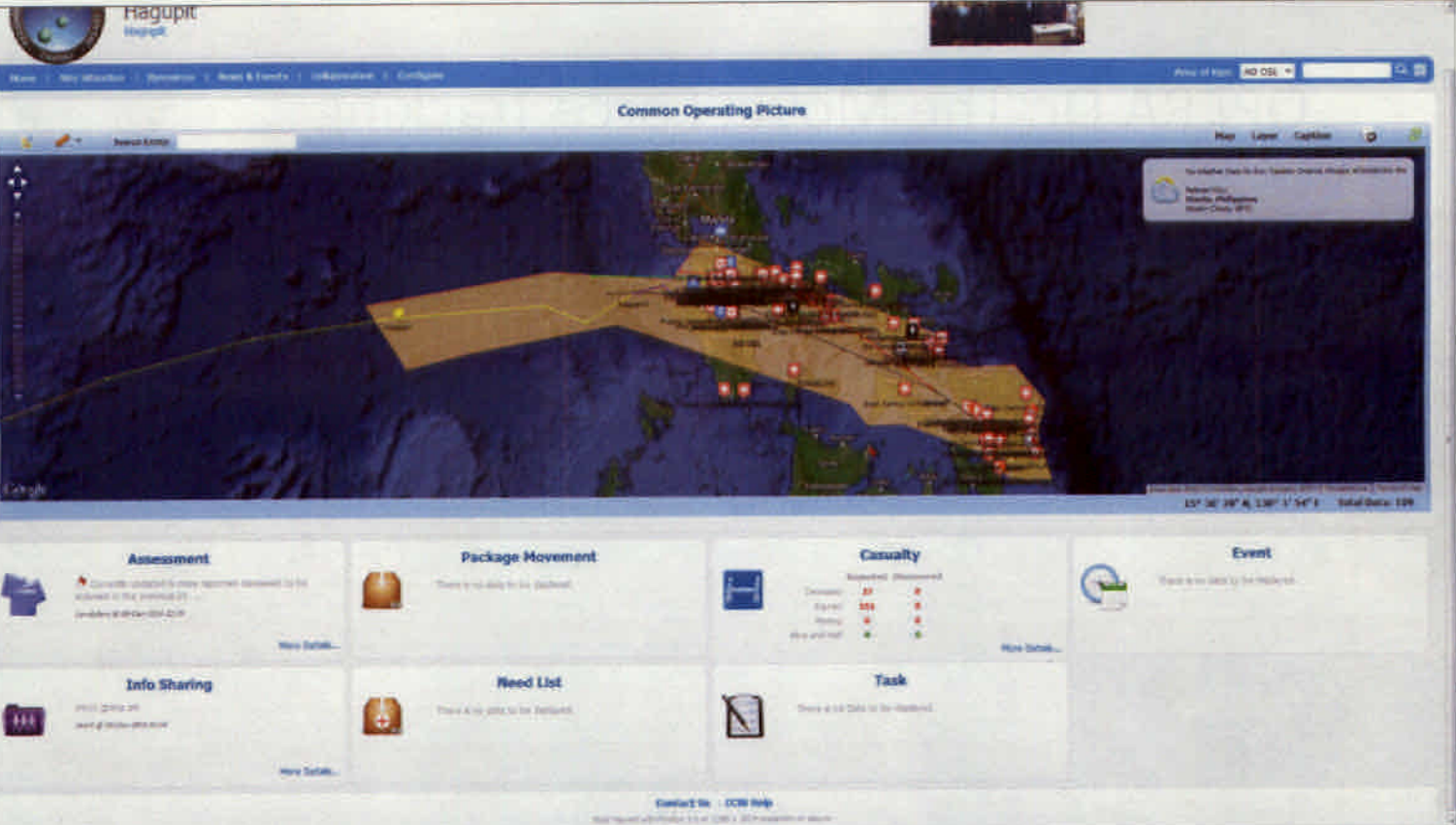






Bookmarks - Overview (Globe) - Overview (SEA) - Brunei - Cambodia - HongKong - Indonesia - Malaysia - New Zealand - Philippines - Singapore - Thailand





Enhanced Situation Awareness

Blue Force Tracking



- ❖ Instant view of their locations

Augmented Reality



- ❖ View POI on live video feed
- ❖ Instant glance of surroundings

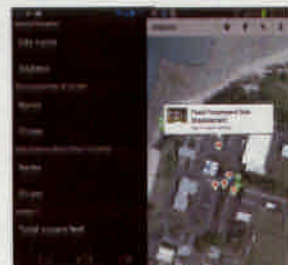
OPERA On The Move



- ❖ Wide coverage
- Public 3G/LTE
- ❖ Enhanced security
- Private 3G

Enhanced Situation Awareness

Ground Zero Picture



- ❖ Sends latest pictures taken at Ground Zero back to RHCC
- ❖ Pictures are geotagged and complete with 5W report by user at the ground



OPERA On The Move: Force Tracking



CHANGI RHCC
SINGAPORE



OPERA On The Move: Enhanced Situational Awareness



CHANGI RHCC
SINGAPORE





Hagupit
Hagupit



Home / Site Information / Resources / News & Events / Information / Configuration

Area of Ops: AD 001

Common Operating Picture



Assessment

Currently updated 6 more reported discovered to be included in the previous 20

Completed at 10:00:00 AM 2010

More Details...

Package Movement

There is no data to be displayed.

Casualty

Category	Count	Status
Confirmed	27	0
Unconfirmed	219	0
Missing	0	0
Alive and Well	0	0

More Details...

Event

There is no data to be displayed.

Info Sharing

Many group are
more to be added.

More Details...

Need List

There is no data to be displayed.

Task

There is no data to be displayed.

Bridging Language Differences



Live Transcription

this is typhoon **Rammasun** in as it bore down on part to the Philippines prompting mass evacuations flooding and power cuts and here is the devastation caused like in **Legazpi** city in the north of the country those who live in slum areas were the worst affected

now the immediate danger has passed the hard work of salvaging what is left begins at the moment the storm is passing



Bridging Language Differences



Live Transcription and Translation

ketimuran laksanakan kira kira jam lima pagi tadi bergerak ke arah barat dari kawasan itu dengan kelajuan dua puluh juta sejak [12R Translate]: Malaysian Meteorological Department issued a warning of strong winds and rough seas turbulent due to Typhoon Rammasun Monitored Tracked Sabah hurricane hurricane involved detected a thousand a hundred sixty two kilometers eastern conducted off off at five this morning moving westward from the area with a speed of twenty million since

keadaan itu menyebabkan angin kencang barat

Bridging Language Differences



OpenWeb - Mozilla Firefox

https://www.opentalk.org.au/https://www.opentalk.org.au/

rhcc

Available

Change RHCC: 1

POC

POC

rhcc Hi Major Mohammed , how are you? 9:58 AM

POC Hello Mejar Eddie, saya denda terima kasih. (translated: Hello major eddie, I fine thank you.) 9:59 AM

rhcc We have uploaded new information on the disaster in the common operating picture. Please have a look. 9:59 AM

POC Ya, saya perasan la apabila saya log masuk lebih awal. Acara-acara itu pengkemaskinian juga menunjukkan bahawa terdapat satu sidang video di 1400hrs petang ini. (translated: Yes, I noticed it when I logged in earlier. The events up to also show that there is a video conference at 1400hrs this afternoon.) 10:01...

rhcc You are right, the video conference is to coordinate our efforts to support the hadr for the disaster. 10:02...

Send Translated Text English To Bahasa Malay

CONCLUSION

CHANGI RHCC seeks to contribute to a more effective military-to-military coordination in disaster response operations.



Connect . Collaborate . Coordinate

CO-OPERATION



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