



ICAO Civil – Military Cooperation Conference

19 – 20 May 2016

New Delhi, INDIA

Presentation by Malaysia



Scope

- Introduction
- Civil – Military Cooperation in Malaysia
- Challenges
- Conclusion



Introduction

- 2 Flight Information Regions (FIRs)
 - Kuala Lumpur FIR
 - Kota Kinabalu FIR
- 2 Air Traffic Control Centers
 - Kuala Lumpur Air Traffic Control Centre (KLATCC)
 - Kota Kinabalu Air Traffic Control Centre (KKATCC)



Kuala Lumpur FIR



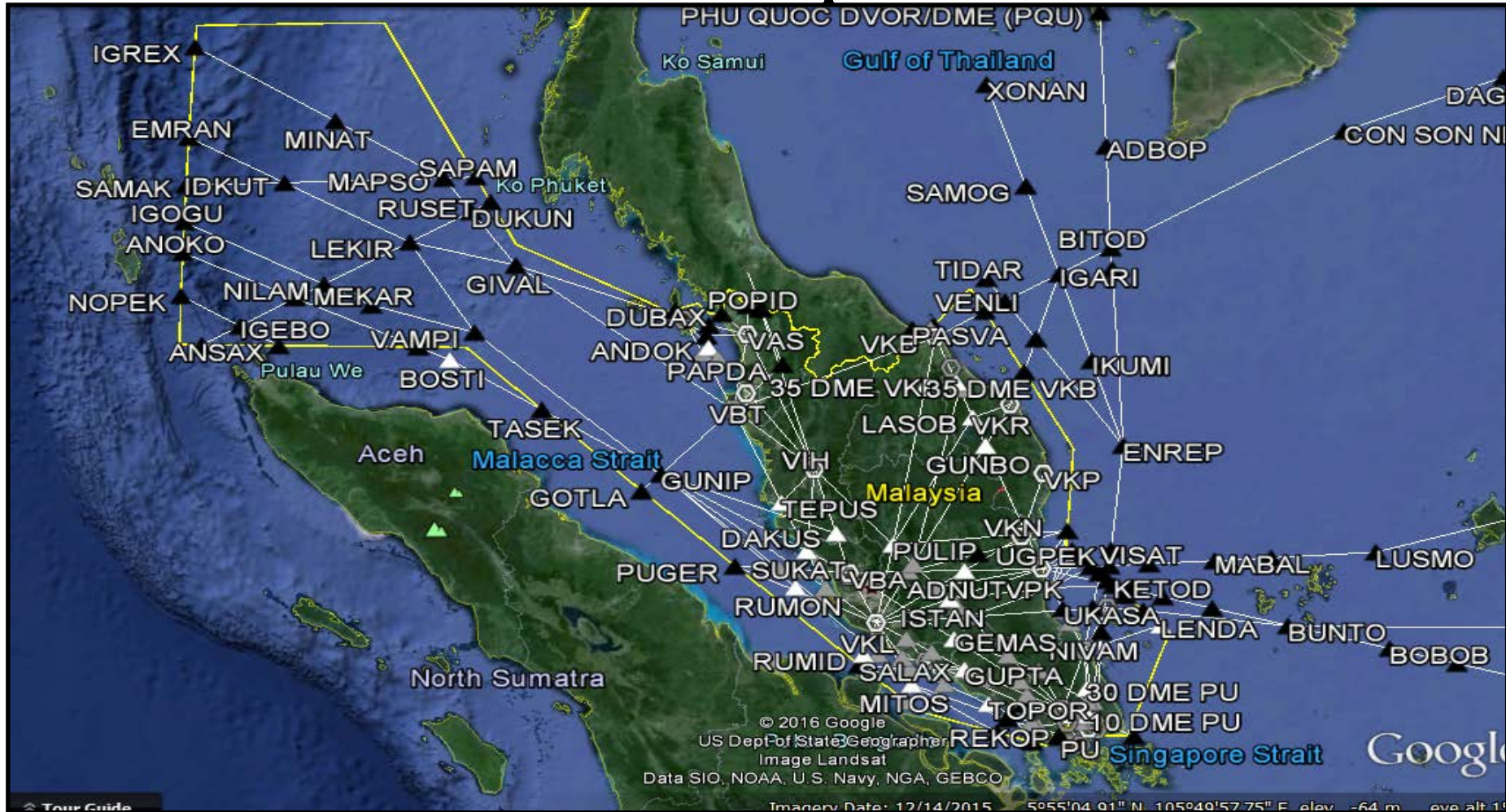
Kota Kinabalu FIR



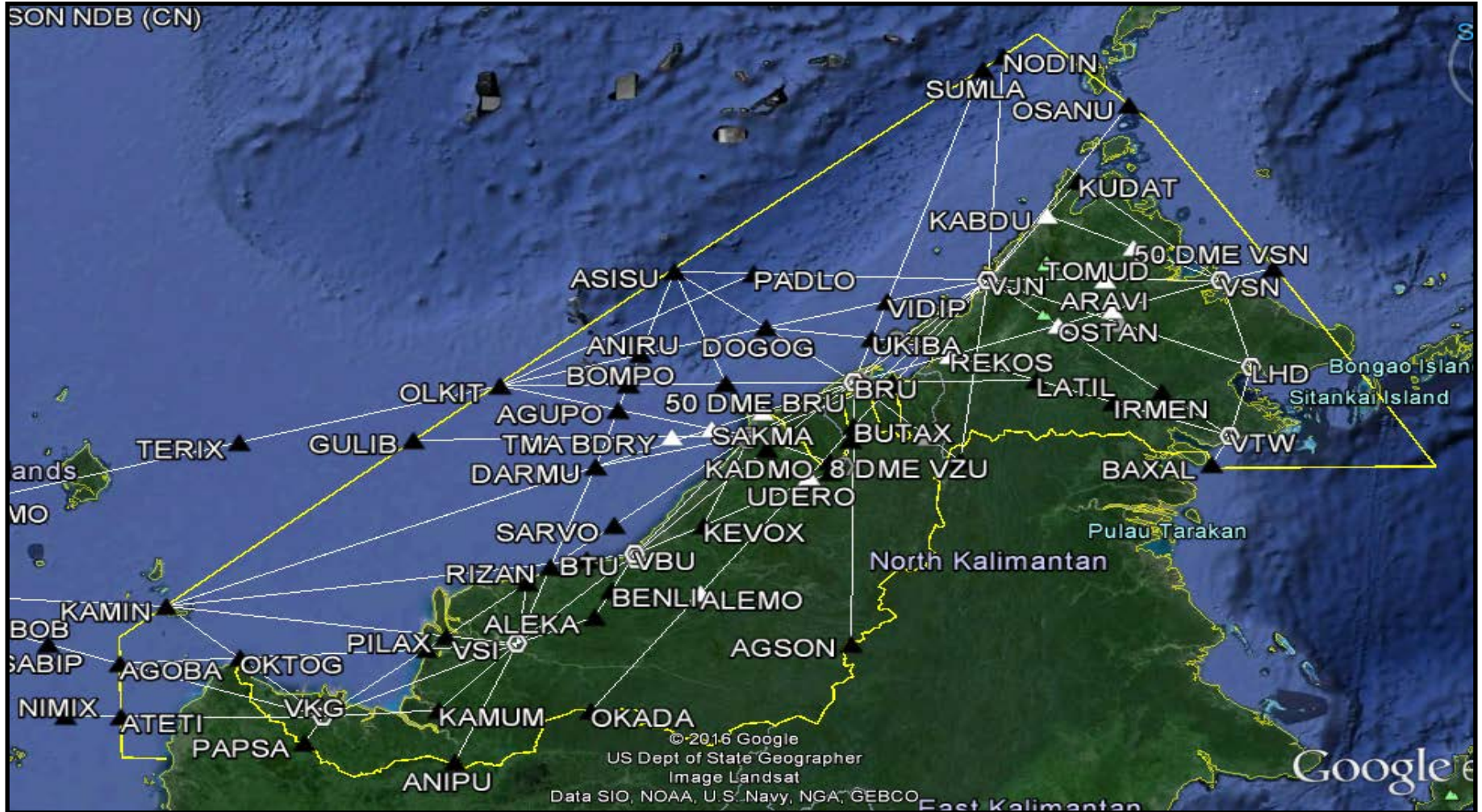
South China Sea Corridor



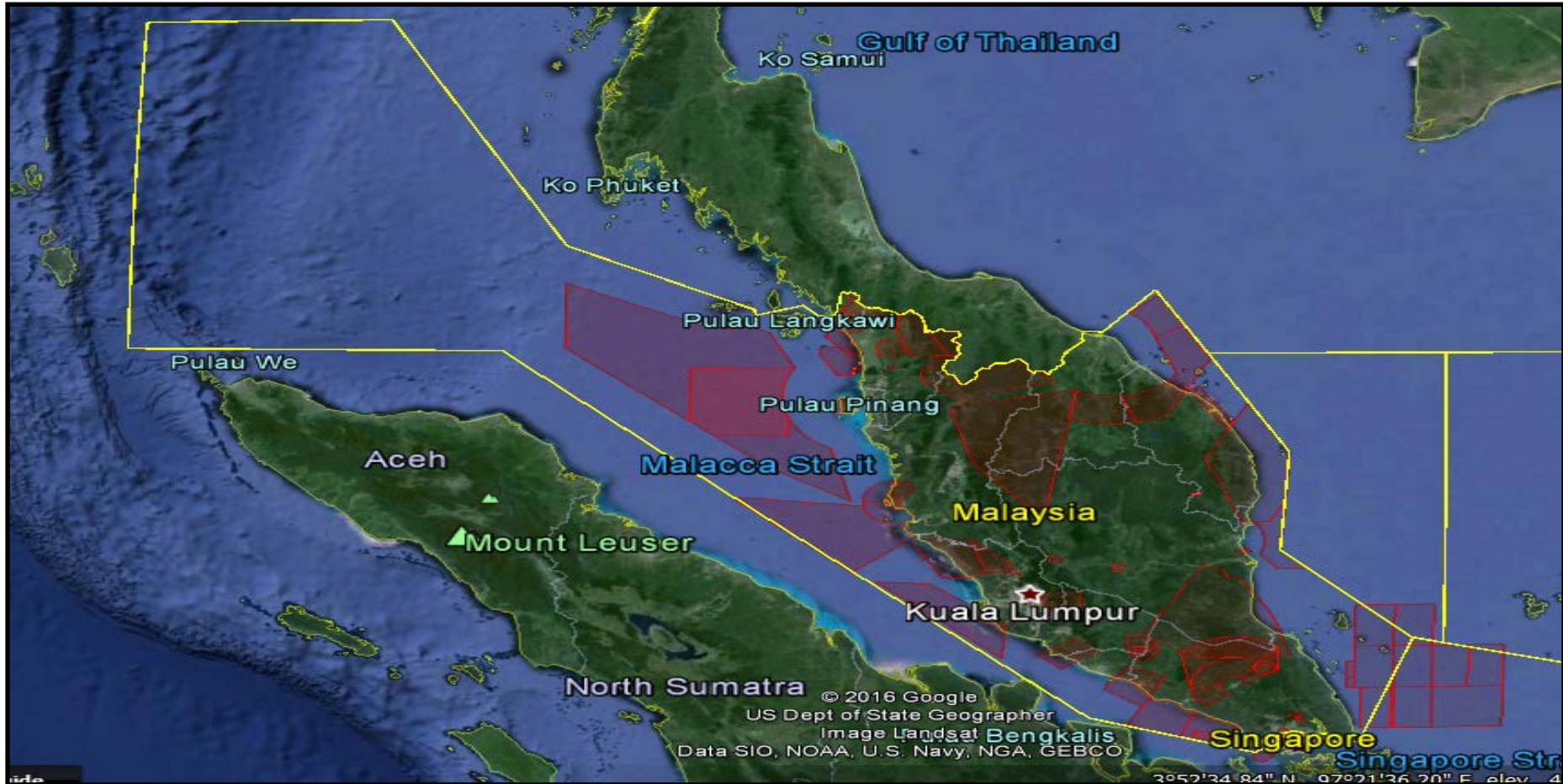
Kuala Lumpur FIR



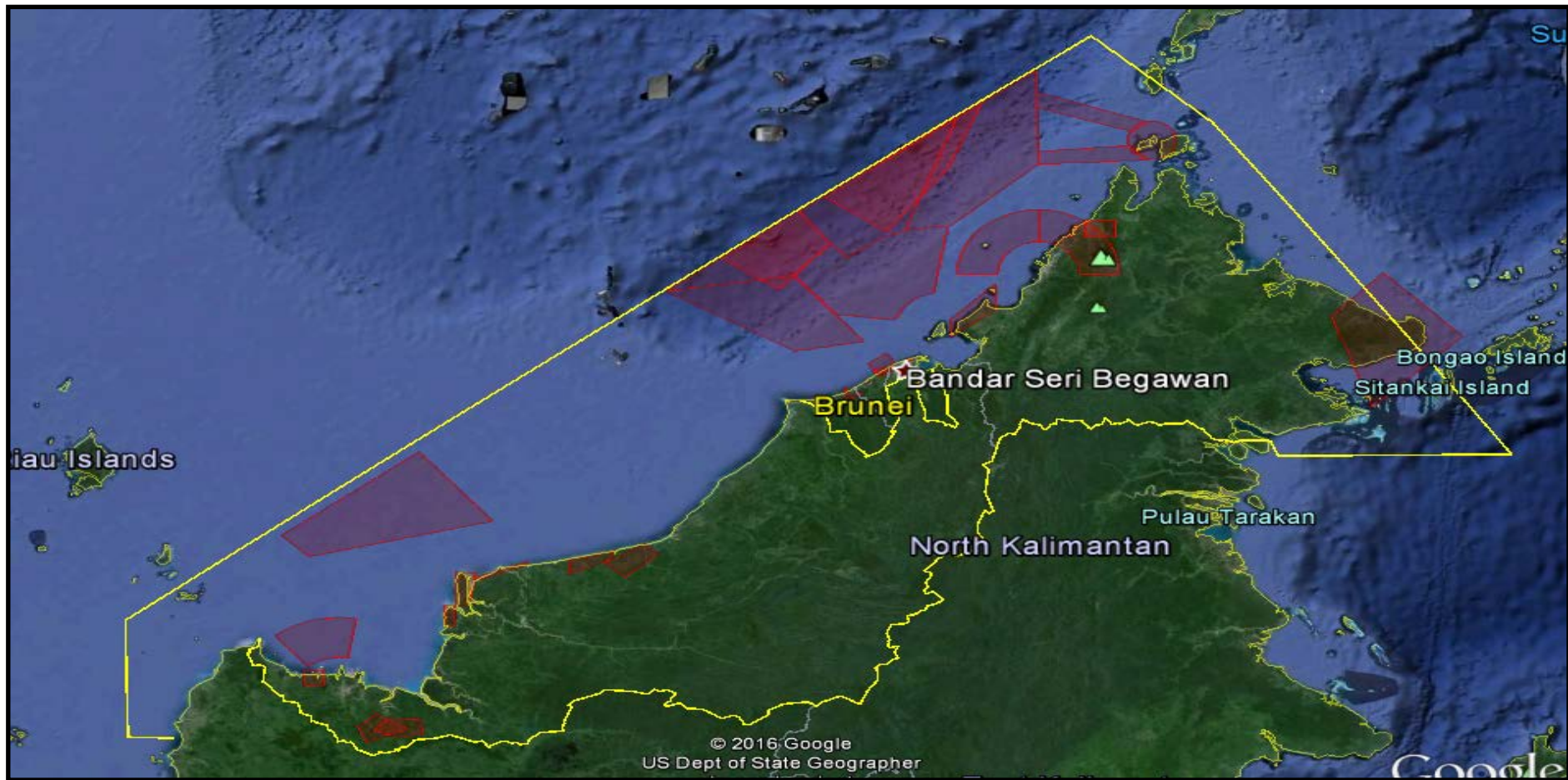
Kota Kinabalu FIR



Kuala Lumpur FIR – Danger/Restricted/Prohibited



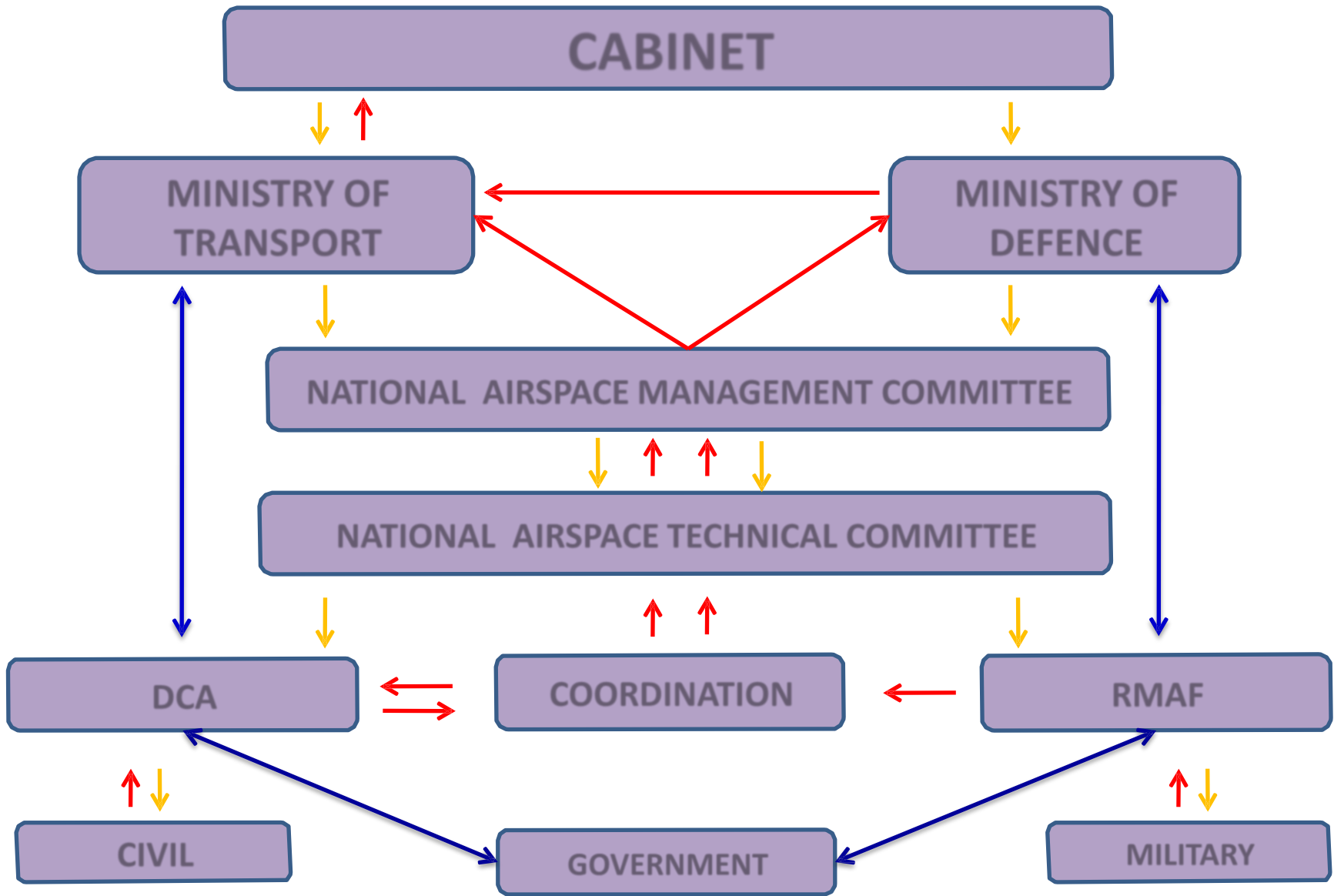
Kota Kinabalu FIR – Danger/Restricted/Prohibited



*As airspace becomes more of a scarce and sought after resource, States need to take a balanced approach to airspace management in a way that harmonizes and meets the needs of international traffic flows and national security. **This requires communication, collaboration and cooperation.***

Civil/Military Cooperation in Air Traffic Management
ICAO Cir 330 AN/189





Civil - Military Cooperation in Malaysia

- Airspace Management Committee
 - Consider airspace restructuring proposals
 - Consider new airspace policy proposals.
 - Endorse recurrent airspace activity plans.
 - Deliberate on joint ATM development plans.
 - Deliberate on areas of cooperation like data sharing, joint HR training.



Civil - Military Cooperation in Malaysia

- Airspace Technical Committee
 - Planning airspace restructuring.
 - Review recurrent airspace activities.
 - Address safety issues arising from operational conflict.



Civil - Military Cooperation in Malaysia

- Civil flights operate into 2 military airfields.
- Military provides ATM to one civil airport.
- Controllers licensed by DCA:
 - ATC Examinations
 - English Language Proficiency Assessments



Civil - Military Cooperation in Malaysia

- DCA Malaysia carries out safety oversight of facilities used by civil aircraft
- Joint User Airfield :
 - Infrastructure and Development Committee
 - SMS Committee
- Joint Air Traffic Control Center.



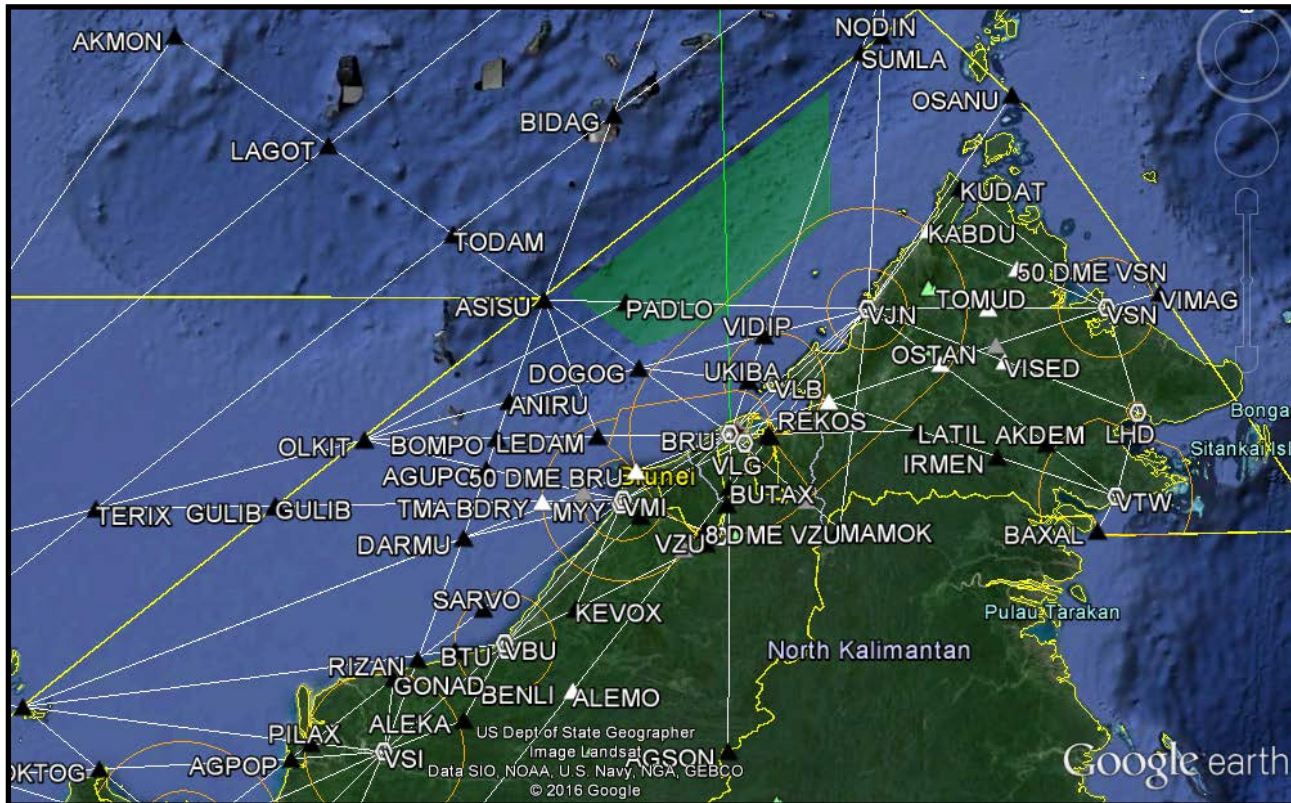
RNAV Route L649

- Direct routing (shorter track miles) for flights from Brunei to waypoint LAXOR
- Conditional Route
- Application of FUA



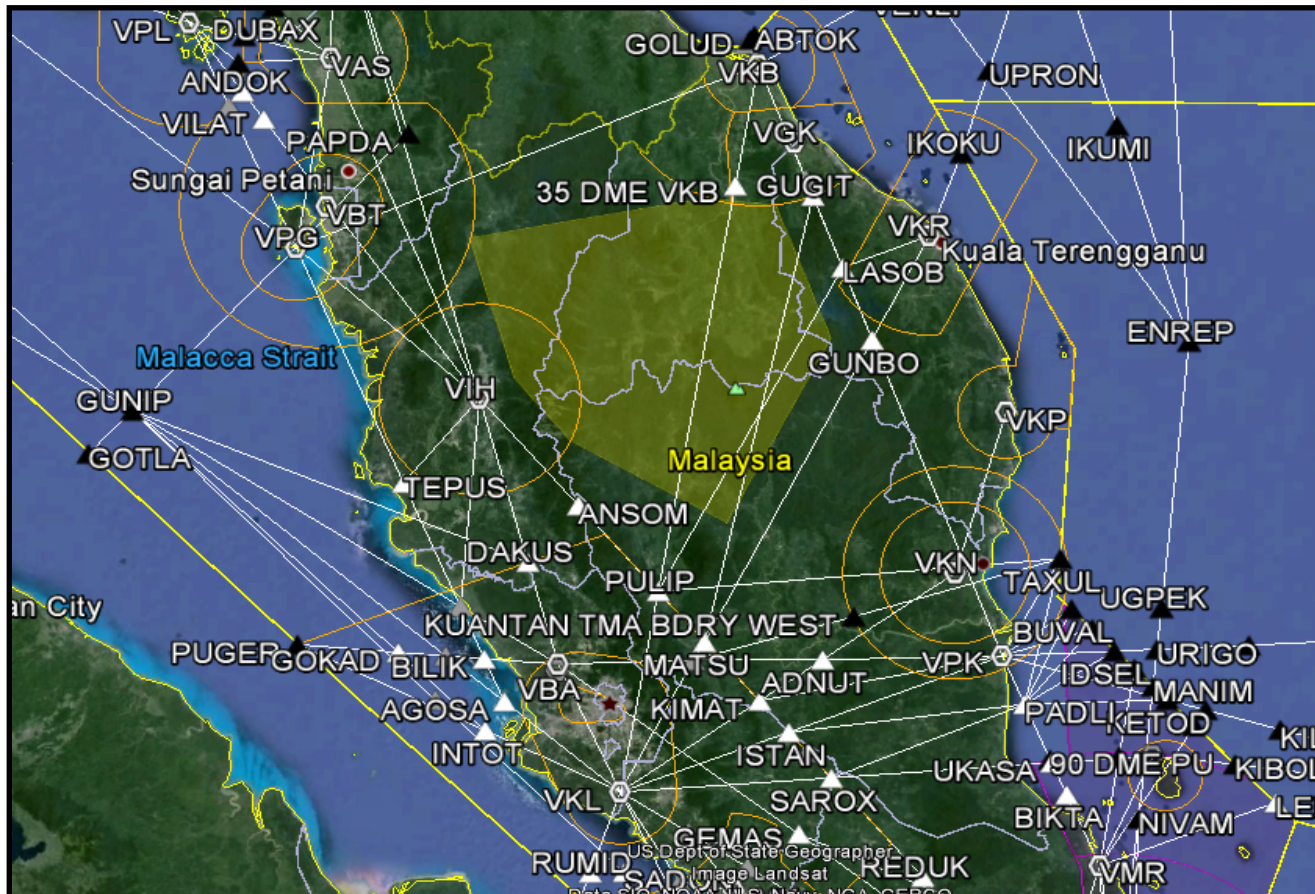
Air Defense Exercise

- Exercise Paradise
 - Huge Exercise Area in Kota Kinabalu FIR



Air Defense Exercise

- Cope Taufan
 - Closure of one major air route in KL FIR



Air Defense Exercise

- Five Power Defense Arrangement (FPDA)
 - BERSAMA SHIELD and BERSAMA LIMA
 - ADEX airspace will be closed for specified periods (up to 2 weeks) to civil and non-exercise military aircraft



Challenges

- Balance between safety and security
- Understanding each other needs and requirements



Conclusion

- Civil-Military excellent relationship.
- Continuous and close coordination.
- Understanding of FUA.
- One common interest – safety and security of Malaysian Airspace.

