



*International Civil Aviation Organization*

**TWELVE MEETING OF THE SOUTH EAST ASIA AND BAY OF BENGAL  
SUB-REGIONAL ADS-B IMPLEMENTATION WORKING GROUP**

**(Guangzhou, People's Republic of China, 8-10 November 2016)**

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**Agenda Item 3:           Review implementation and co-ordination activities and sub-  
regional implementation plans**

**KL FIR ADS-B GROUND STATIONS COVERAGE**

(Presented by Malaysia)

**SUMMARY**

This paper presents information on the current and future ADS-B system coverage in Kuala Lumpur flight information region (KL FIR)

**1       INTRODUCTION**

1.1           This paper provides information on ADS-B/MLAT system in KL-FIR region. First Malaysian ADS-B system was installed in Kuala Terengganu (KT) in 2008 for study and monitoring purposes.

1.2           Two additional ADS-B ground stations in Langkawi and Genting will be completely installed by the end of January 2017.

**2       DISCUSSION**

2.1           ADS-B Ground Station Compliance

2.1.1          KT ADS-B ground stations are the first generation of ADS-B sensor currently with DO-260 and DO-260A compliance.

2.1.2          Langkawi and Genting ADS-B ground stations will be up to DO-260B compliance.

2.2           ADS-B Coverage

2.2.1          The ADS-B coverage available of KT ADS-B station is shown in Figure 1.

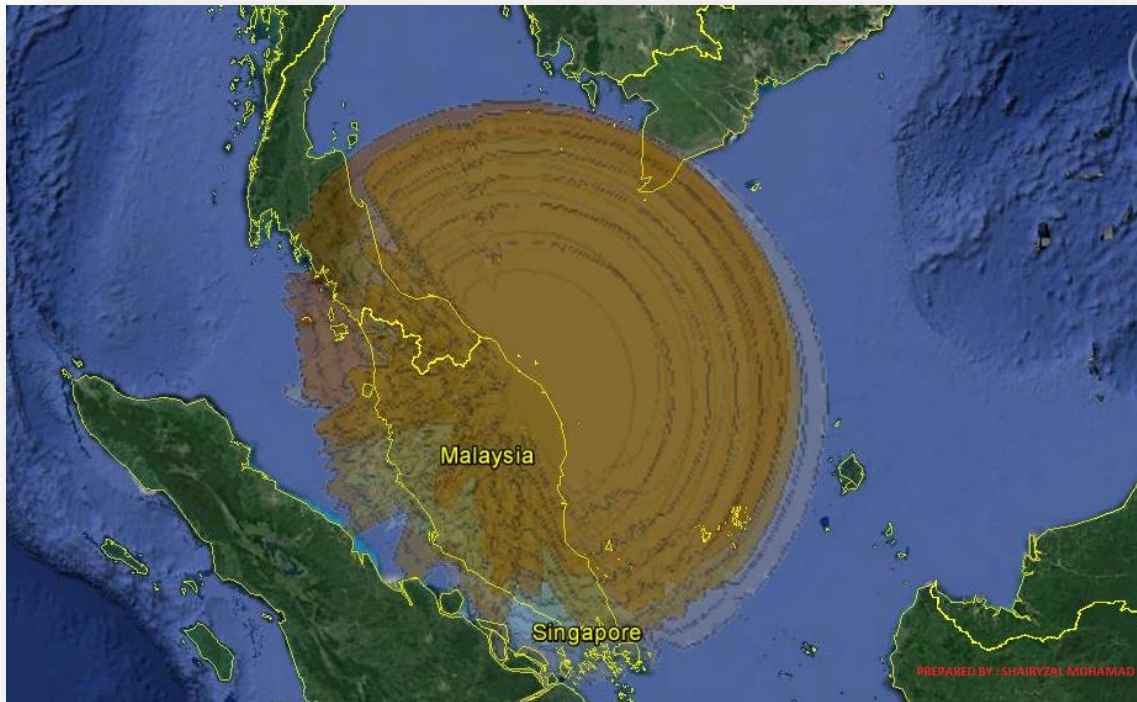


Figure 1: Kuala Terengganu ADS-B Coverage at FL300

- 2.3 We foresee that ADS-B ground stations in Langkawi and Genting will provide overlapping ADS-B coverage for KL FIR as shown in Figure 2.

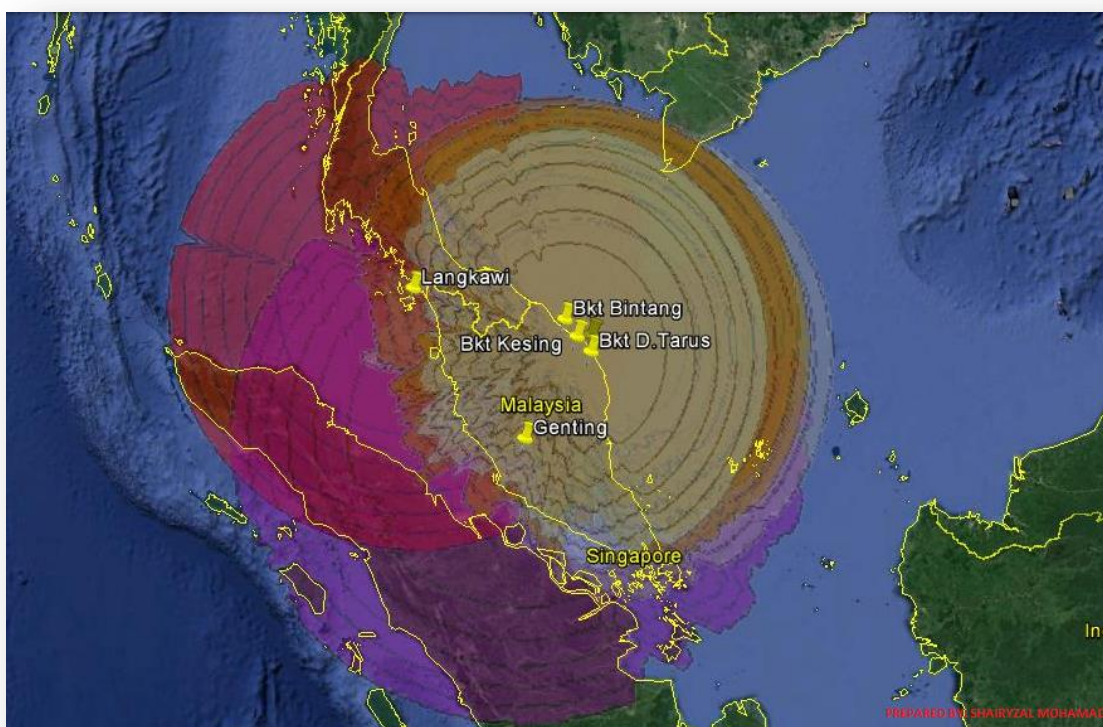


Figure 2: ADS-B Coverage of 3 ADS-B Stations at FL300

### **3 ACTION REQUIRED BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this papers; and
- b) discuss any relevant matters as appropriate.

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