



ICAO

*International Civil Aviation Organization***Twelfth Meeting of the South China Sea Traffic Flow Review Group (SCSTFRG/12)**

Bangkok Thailand, 11 – 12 November 2024

---

**Agenda Item 2: Review of the Current and Planned CNS/ATM Capabilities and Identifying Associated Reduced Horizontal Separation****ENHANCEMENT OF LONGITUDINAL SPACING ON ATS ROUTE M761**

(Presented by Indonesia, Malaysia and Singapore)

**SUMMARY**

This paper presents the updates on the progress to enhance longitudinal spacing on ATS route M761.

**1. INTRODUCTION**

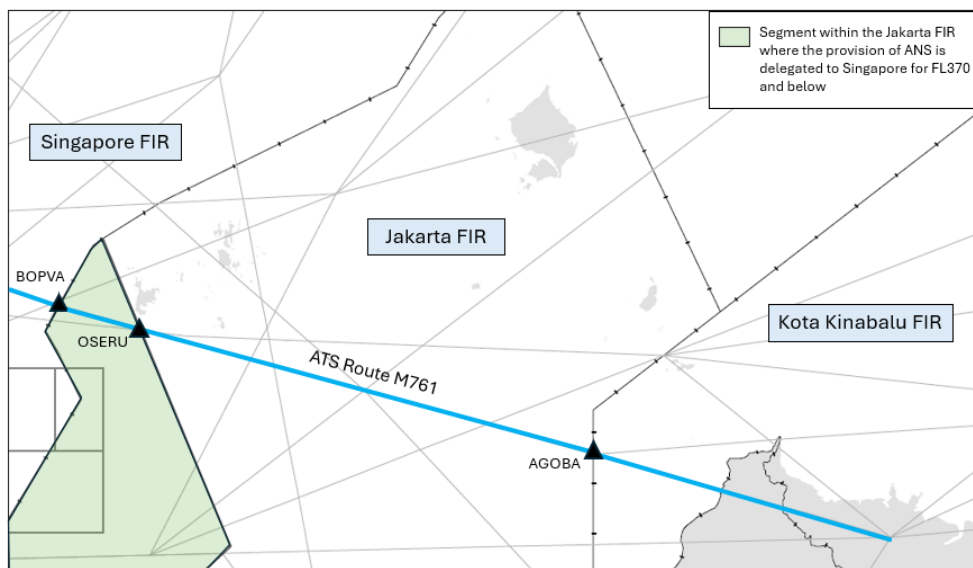
1.1 This paper presents the updates regarding SCSTFRG task list action item 2/4 about enhancement of longitudinal spacing on ATS route M761 between Indonesia, Malaysia and Singapore.

1.2 Concurrent with the realignment of the boundary between the Jakarta Flight Information Region (FIR) and the Singapore FIR, the delegation of the provision of ATS to Singapore and joint provision of ANS by Indonesia and Singapore within portions of the realigned Jakarta FIR has been effective from March 21<sup>st</sup> 2024. With the change to the FIR boundary, Indonesia updated the ATS coordination procedures with Singapore for flights operating between Singapore and Jakarta FIR, and with Malaysia, for flights operating between Jakarta and Kota Kinabalu FIR.

1.3 Indonesia's airspace within the realigned Jakarta FIR is categorized as category S airspace. Therefore, Indonesia coordinated with Singapore and Malaysia to enhance longitudinal spacing on M761 into 20 NM surveillance spacing.

**2. DISCUSSION****20 NM Surveillance Spacing**

2.1 Prior to the realignment of the Jakarta and Singapore FIR boundary, the longitudinal separation on M761 was 10 minutes between a pair of RNAV capable aircraft on the same level.



ATS Route M761 after the realignment of Jakarta and Singapore FIRs

2.2 Indonesia and Singapore revised the coordination procedures for the realigned Jakarta and Singapore FIRs, including the reduction of longitudinal spacing on various ATS routes including M761. For Category S airspace, Indonesia and Singapore agreed to reduce the longitudinal spacing to 20NM.

2.3 Indonesia and Malaysia also agreed on reducing longitudinal spacing on M761 from 10 minutes RNAV separation into 20 NM surveillance spacing from March 21<sup>st</sup> 2024 for flights between Jakarta and Kota Kinabalu FIRs.

2.4 M761 is one of the most crucial and busy routes connecting peninsula Malaysia and East Malaysia, and the reduction of longitudinal spacing on M761 into 20 NM surveillance spacing removed ground restriction and increased the route capacity.

2.5 The efforts to reduce longitudinal spacing into 20 NM surveillance spacing on ATS route M761 demonstrate support and commitment for the objectives of the ICAO Asia Pacific Seamless ANS Plan.

### 3. ACTION BY THE MEETING

3.1 The meeting is invited to:

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