



International Civil Aviation Organization

ICAO

Ninth Meeting of the South China Sea Traffic Flow Review Group (SCSTFRG/10)

Video Teleconference, 31 May – 02 June 2022

Agenda Item 2: Review of the Current and Planned CNS/ATM Capabilities and Identifying Associated Reduced Horizontal Separation

IMPLEMENTATION OF 30 NM SPACING (OR CLOSER TO 5 NM SURVEILLANCE-BASED SPACING) BETWEEN INDONESIA AND THE NEIGHBORING FIR BOUNDARIES

(Presented by Indonesia)

SUMMARY

This paper presents Indonesian initiative to support seamless Air Navigation Services within South China Sea (SCS) Region by optimizing infrastructures in Ujung Pandang FIR and Jakarta FIR.

1. INTRODUCTION

1.1 With regards to the final report of SAIOSEACG/1 meeting, it was recommended that ANSPs will always be able to provide surveillance-based separation within category S airspace.

1.2 Despite the non-existence of DOC7030 support within this period of time, efforts must be still carried out consistently to provide a better support to ICAO's program of Seamless ANS Plan.

1.3 It has been reported that Ujung Pandang FIR and Jakarta FIR have been implementing surveillance separation in most of their airspace, only small portion of airspace are still in category R.

2. DISCUSSION

2.1 Ujung Pandang ACC and Jakarta ACC have successfully been reducing longitudinal spacing from 15/10 minutes to Surveillance based 10NM within their boundaries since March 30th 2021.

2.2 As reported by IATA in the final report of SAIOSEACG/1 that most of all member airlines already had been equipped and approved for PBCS and RNP specifications, it is a good signal for ANSPs to implement a closer horizontal spacing to support aviation industry to rebound from the disruption of the pandemic and to anticipate the potential traffic growth after the pandemic.

2.3 Ujung Pandang ACC and Jakarta ACC invite adjacent ACC units to implement 30NM spacing (or Closer to 5 NM Based on Surveillance Spacing) within boundaries.

2.4 Proposed Tentative Timeline

| Date | Event/Action |
|-----------|---|
| July 2022 | Confirm with Australia, Philippine and Malaysia on participation in the trial |

| | |
|----------------|--|
| August 2022 | Finalize and confirm AIP Supplement relevant to the trial to inform the aviation community of the trial |
| September 2022 | Commencement of one month trial |
| October 2022 | End of trial and gather feedback and evaluation |
| November 2022 | 30 NM spacing (or Closer to 5 NM Based on Surveillance Spacing) implementation date consultation and agreement |
| December 2022 | Finalize and issue AIP Supplement to implement 30 NM spacing (or Closer to 5 NM Based on Surveillance Spacing) |
| January 2023 | Implementation of 30NM spacing (or Closer to 5 NM Based on Surveillance Spacing) within Ujung Pandang FIR and Jakarta FIR boundaries |

3. ACTION BY THE MEETING

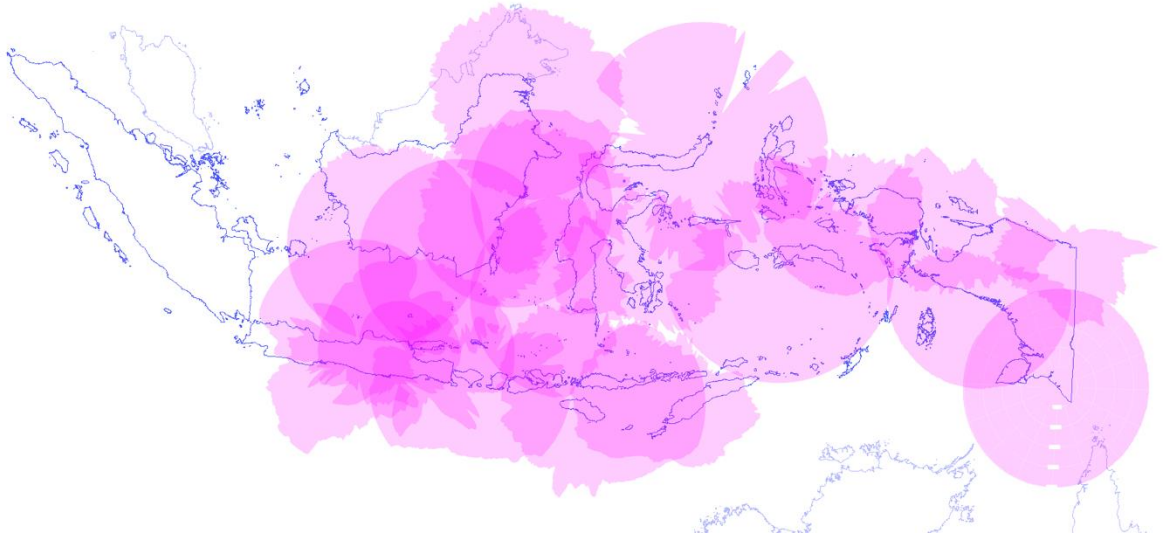
3.1 The meeting is invited to:

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

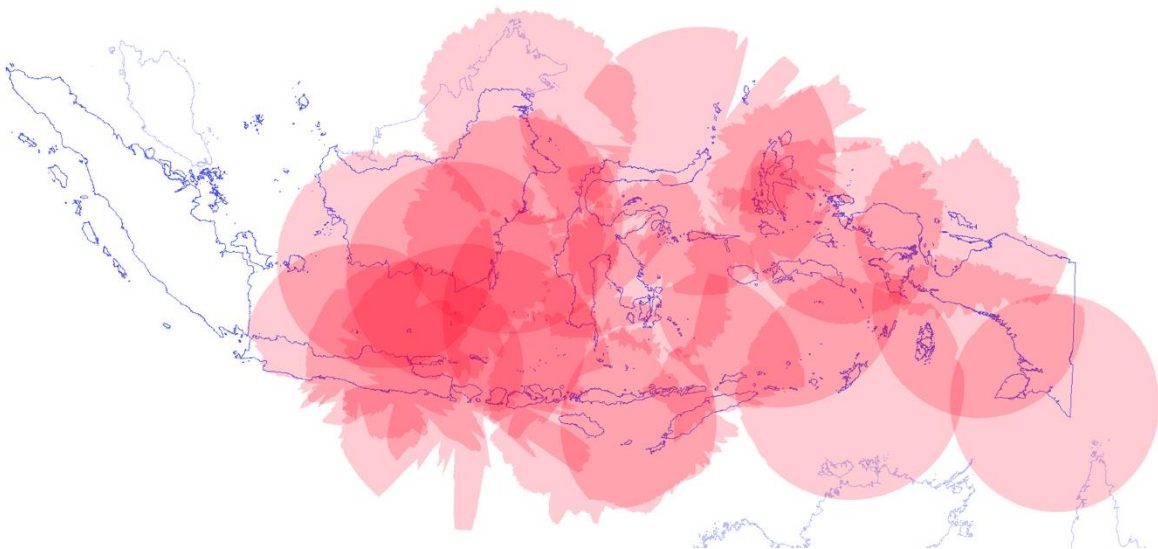
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ATTACHMENT

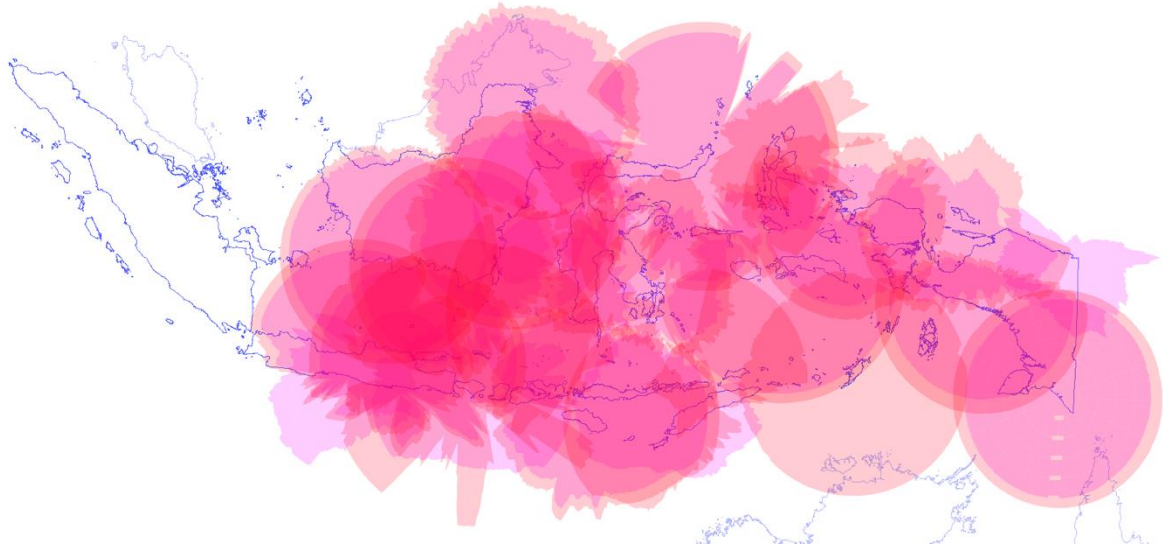
Ujung Pandang ACC Radar Coverage



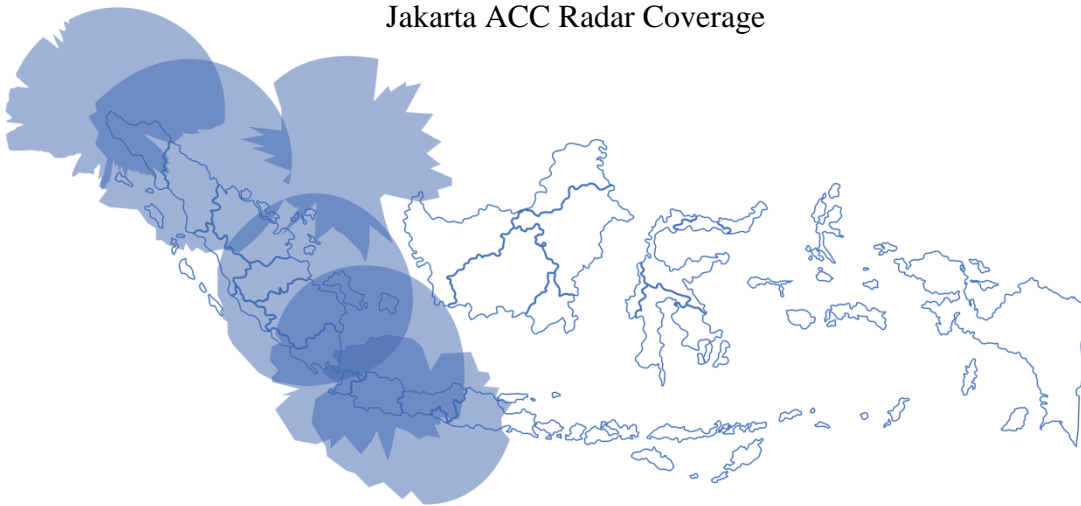
Ujung Pandang ACC ADSB Coverage



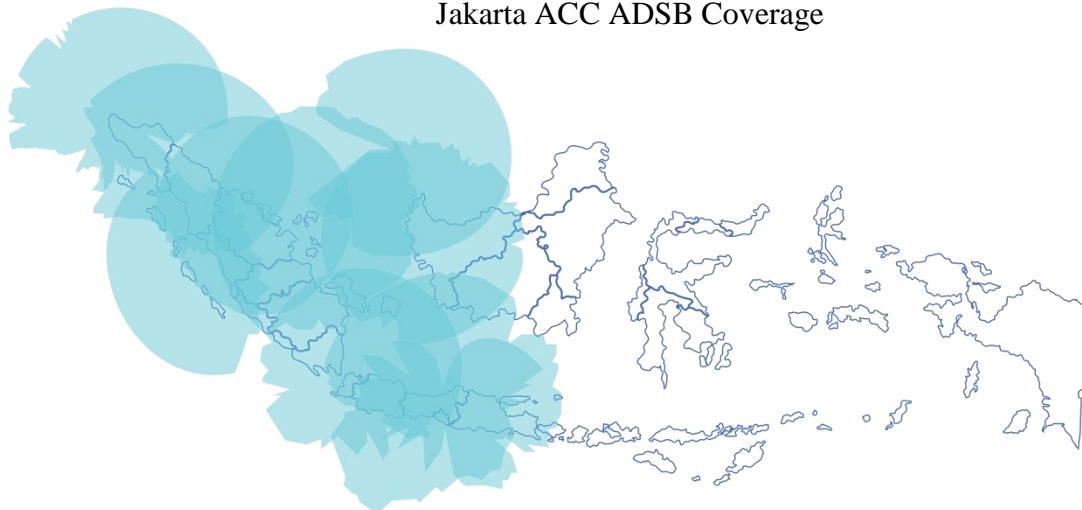
Ujung Pandang ACC Surveillance Coverage



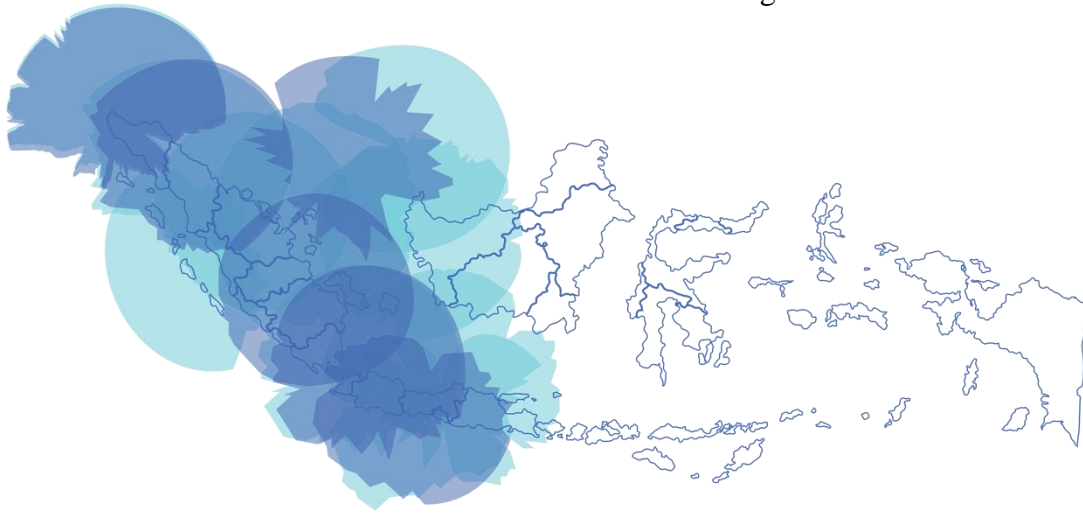
Jakarta ACC Radar Coverage



Jakarta ACC ADSB Coverage



Jakarta ACC Surveillance Coverage



Jakarta ACC and Ujung Pandang ACC Surveillance Coverage

