



International Civil Aviation Organization

ICAO

The First Meeting of the South Asia, Indian Ocean and Southeast Asia ATM Coordination Group (SAIOSEACG/1)

Video Teleconference, 28 March – 01 April 2022

Agenda Item 4: Review of Current Operations and Problem Areas

THE IMPLEMENTATION OF 10 NM SURVEILLANCE SPACING BETWEEN JAKARTA ACC AND UJUNG PANDANG ACC

(Presented by Indonesia)

SUMMARY

This paper presents the implementation of 10 NM surveillance spacing between Jakarta ACC and Ujung Pandang ACC to enhance the implementation of ATC separation standard in accordance with the Asia/Pacific Seamless ANS Plan.

1. INTRODUCTION

1.1 All ATC units should authorize the use of the horizontal separation minima stated in ICAO Doc 4444 (PANS ATM), or as close to the separation minima as practicable, in accordance with the provisions of the Asia/Pacific Seamless ANS Plan (7.34).

1.2 Referring to the Asia/Pacific Seamless ANS Plan, the minimum horizontal separation standard at TOC between airspace categories S is 10NM, Indonesia needs to implement 10NM surveillance spacing between Jakarta and Ujung Pandang to meet that requirement.

2. DISCUSSION

Implementation of 10NM surveillance spacing between Jakarta ACC and Ujung Pandang ACC

2.1 Previously, Indonesia implemented separation of more than 10NM at the border between Jakarta ACC and Ujung Pandang ACC.

ROUTE	SEPARATION
G464	15NM/10 MINUTE
L504, M635, M774	50NM/10 MINUTE
W15, W18, W35, W36	10 MINUTE

Table 1: Separation on Routes before Implementation of 10NM Surveillance Spacing

2.2 Referring to the enhancement of Indonesia's surveillance capabilities, Indonesia has identified and taken steps to implement separation according to standards. Figures that presented surveillance capability in the boundary between Jakarta FIR and Ujung Pandang FIR are available in the attachment of this paper.

2.3 Trial implementation of 10NM surveillance spacing between Jakarta ACC and Ujung Pandang ACC was carried out for two months, and the result of the evaluation showed the operation went smoothly according to the plan without any significant problems until the end of the trial implementation.

2.4 Based on the evaluation results, Indonesia implemented 10NM surveillance spacing between Jakarta ACC and Ujung Pandang ACC by updating the LOCA, which was effective from March 30, 2021.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) secretariat to note this information contained in this paper and update the Indonesian report cards in Asia/Pacific Seamless ANS Plan; and
- c) discuss any relevant matters as appropriate.

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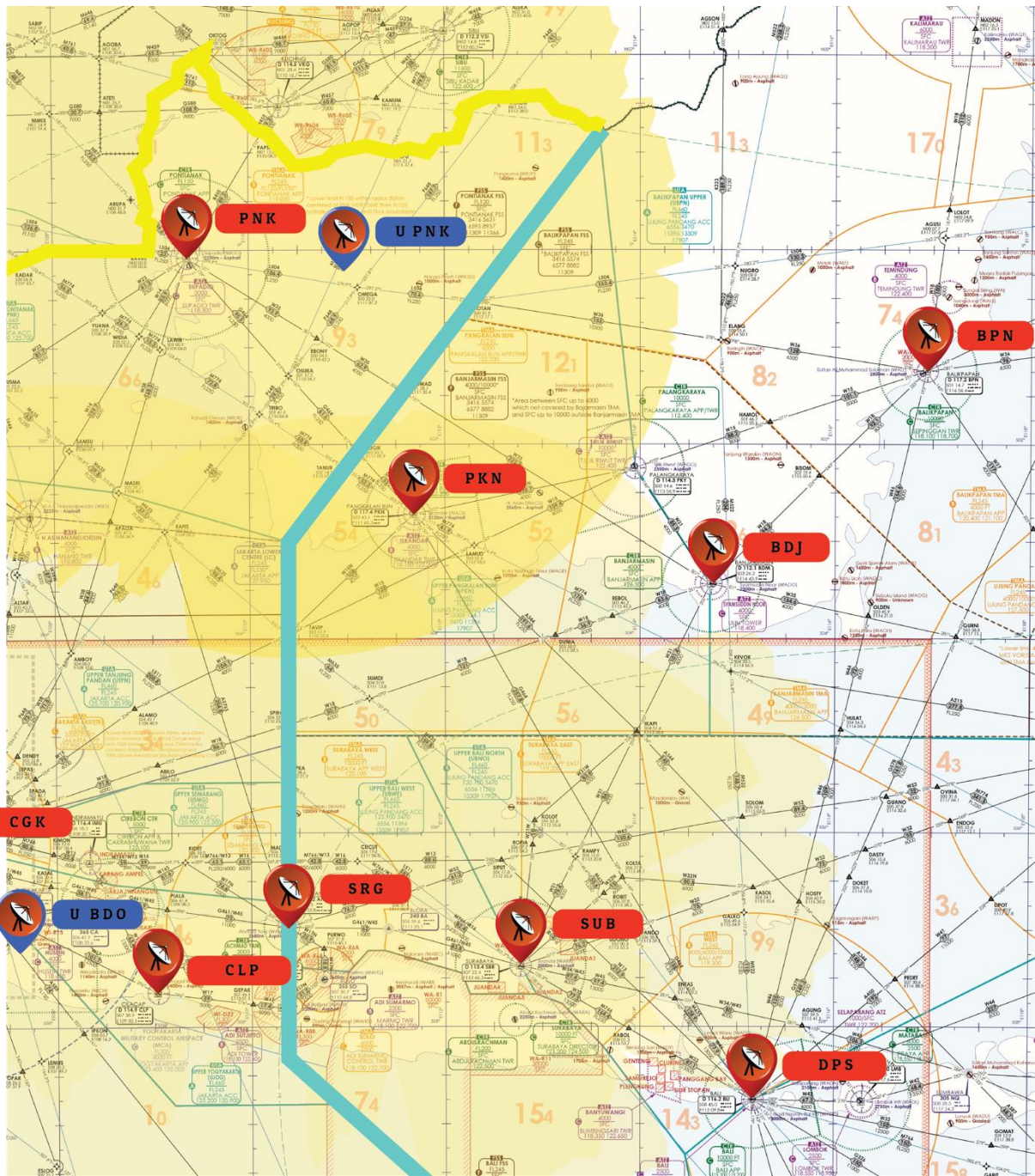
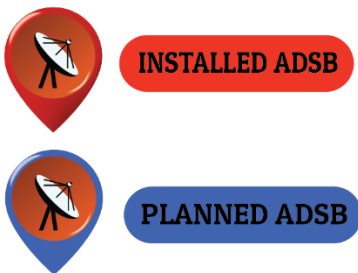


Figure 1: Surveillance ADS-B Coverage – Jakarta FIR



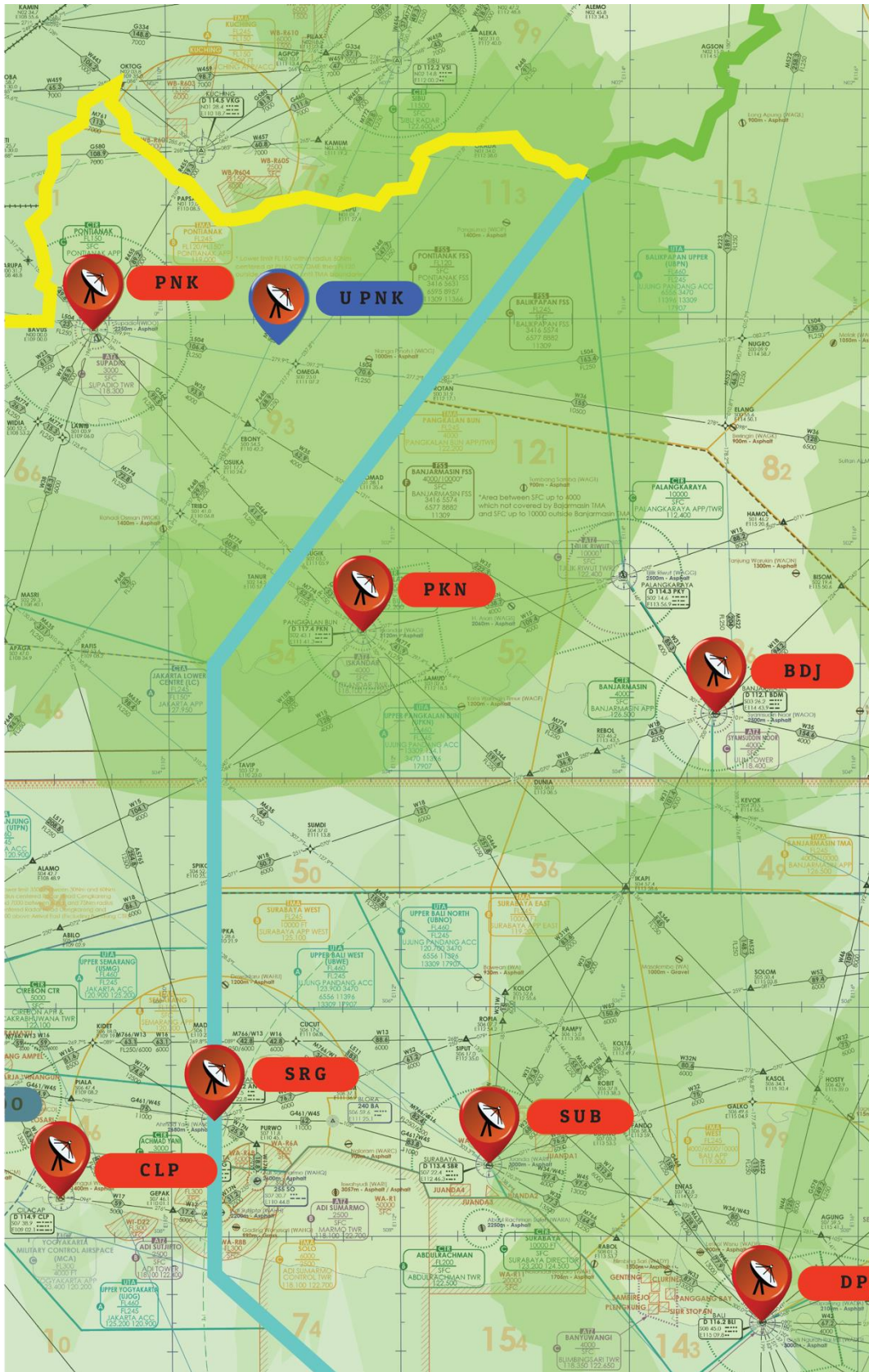


Figure 2: Surveillance ADS-B Coverage – Ujung Pandang FIR



Figure 3: Surveillance ADS-B Coverage – Jakarta and Ujung Pandang FIRs