



ICAO

International Civil Aviation Organization

The Second Meeting of the South Asia, Indian Ocean and Southeast Asia ATM Coordination Group (SAIOSEACG/2)

Bangkok, Thailand, 20 – 24 March 2023

Agenda Item 3: Review of Current Operations and Problem Areas

INDONESIA'S CORRECTIVE ACTION TO MANAGE MISSING DEPARTURE MESSAGES

(Presented by Indonesia)

SUMMARY

This paper presents Indonesia's analysis and corrective action plan to minimize missing departure messages.

1. INTRODUCTION

1.1 Referring to the final report of the first meeting of the South Asia, Indian Ocean, and Southeast Asia ATM Coordination Group (SAIOSEACG/1) was held from 28 March – 01 April 2022 (video teleconference). Indonesia was reported to have 5% missing departure in a period of six months ending in December 2021.

1.2 Indonesia has conducted an analysis of missing departure reports, and the results showed that there were 19 Departure Messages sent, 11 missing departure messages and 1 Cancel Message.

1.3 The major factor that Departure Messages were unreceived was due to the inappropriate departure messages addressing system. On another side, unpairing between data radar and FPL data was still being identified.

2. DISCUSSION

Corrective Action Plan

2.1 The missing departure messages reported by Thailand were due to the Departure Messages not being addressed on the Bangkok FIR according to the route segment of the FPL. This happened at the locations of Soekarno – Hatta International Airport (WIII), Hang Nadim International Airport (WIDD), Sam Ratulangi International Airport (WAMM), and Frans Kaisiepo International Airport (WABB).

2.2 For the locations of I Gusti Ngurah Rai International Airport (WADD) and Sultan Aji Muhammad Sulaiman Sepinggan International Airport (WALL), missing departure messages occurred because the Auto Departure Message address had not been prepared for the new route segment WADD – VTSP and WALL – VTBS. These Departure Messages were sent only to the local address of the departure aerodrome. All departure messages for both routes (WADD – VTSP and WALL – VTBS) reported has been sent in the period of May until December 2022.

2.3 Indonesia has been updating the Departure Messages Addresses compiled in the ATS System Facility for Auto Departure Sending, Updating the AMHS Distribution List (DL) and Database Web Based FPL (WBF) to minimize missing departure. ATS Reporting Office (ARO) Personnel will send the departure message in the event of a failure distribution by the ATS System.

2.4 List of missing departure messages that have been analyzed were presented in the attachment of this paper.

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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SAIOSEACG/2 IP04
Attachment

DOF	Month	FlightType	C/S	ADEP	ADEP Region	ADEP State	EOBT	ATOT	DEP
31.08.2021	Aug 2021	Overflight	CTV8810	WIII	APAC	Indonesia	(31)2355	MIS	MIS
11.09.2021	Sep 2021	Overflight	VDA5113	WABB	APAC	Indonesia	(11)0330	MIS	MIS
21.09.2021	Sep 2021	Inbound	IFA1254	WADD	APAC	Indonesia	(21)2300	MIS	MIS
28.09.2021	Sep 2021	Inbound	TLM113	WAMM	APAC	Indonesia	(28)0430	MIS	MIS
26.09.2021	Sep 2021	Overflight	LNI2843	WIII	APAC	Indonesia	(26)1045	MIS	MIS
21.10.2021	Oct 2021	Inbound	TMG925	WALL	APAC	Indonesia	(21)0730	MIS	MIS
03.10.2021	Oct 2021	Inbound	AIQ6021	WIII	APAC	Indonesia	(03)0455	MIS	MIS
13.10.2021	Oct 2021	Overflight	GIA8260	WIII	APAC	Indonesia	(13)0840	MIS	MIS
16.11.2021	Nov 2021	Inbound	TLM113	WAMM	APAC	Indonesia	(16)0435	MIS	MIS
30.11.2021	Nov 2021	Inbound	TLM113	WAMM	APAC	Indonesia	(30)0435	MIS	MIS
08.11.2021	Nov 2021	Inbound	HSEMG	WIHH	APAC	Indonesia	(08)0730	MIS	MIS
04.11.2021	Nov 2021	Overflight	VTCRA	WIHH	APAC	Indonesia	(04)0330	MIS	MIS
05.11.2021	Nov 2021	Inbound	CLX7654	WIII	APAC	Indonesia	(05)1515	MIS	MIS
01.11.2021	Nov 2021	Inbound	CLX7947	WIII	APAC	Indonesia	(01)1215	MIS	MIS
12.11.2021	Nov 2021	Inbound	FDX6091	WIII	APAC	Indonesia	(12)0735	MIS	MIS
27.11.2021	Nov 2021	Inbound	THA434	WIII	APAC	Indonesia	(27)0520	MIS	MIS
29.11.2021	Nov 2021	Inbound	TMG405	WIII	APAC	Indonesia	(29)0730	MIS	MIS
16.12.2021	Dec 2021	Inbound	TMG925	WALL	APAC	Indonesia	(16)0925	MIS	MIS
28.12.2021	Dec 2021	Inbound	TLM113	WAMM	APAC	Indonesia	(28)0435	MIS	MIS
02.12.2021	Dec 2021	Inbound	FDX6091	WIII	APAC	Indonesia	(02)0705	MIS	MIS
24.12.2021	Dec 2021	Inbound	THA434	WIII	APAC	Indonesia	(24)0635	MIS	MIS
27.01.2022	Jan 2022	Inbound	TMG925	WALL	APAC	Indonesia	(27)0805	MIS	MIS
22.01.2022	Jan 2022	Overflight	VCJ99A	WIDD	APAC	Indonesia	(22)1030	MIS	MIS
12.01.2022	Jan 2022	Overflight	VJT842	WIHH	APAC	Indonesia	(12)1225	MIS	MIS
08.01.2022	Jan 2022	Overflight	GIA7720	WIII	APAC	Indonesia	(08)2145	MIS	MIS
08.01.2022	Jan 2022	Overflight	GIA7900	WIII	APAC	Indonesia	(08)2120	MIS	MIS
15.01.2022	Jan 2022	Inbound	TMG883	WIII	APAC	Indonesia	(15)1155	MIS	MIS
25.02.2022	Feb 2022	Inbound	MYU936	WALL	APAC	Indonesia	(25)0100	MIS	MIS
0.64979167	Jan 6671	Inbound	TLM113	WAMM	APAC	Indonesia	(15)0720	MIS	MIS
25.02.2022	Feb 2022	Overflight	CTV8816	WIII	APAC	Indonesia	(25)0950	MIS	MIS
14.02.2022	Feb 2022	Overflight	JAV7601	WIII	APAC	Indonesia	(14)1700	MIS	MIS

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ADES	ELDT	ALDT	RMK	AFTN	WBF
ZPPP	(01)0428		Missing	(DEP-CTV8810/A2330-WIII0026-ZPPP-0)	(DEP-CTV8810/A23
VECC	(11)1122		Missing DEP	(DEP-VDA5113-WABB0344-VECC-DOF/210911)	(DEP-VDA5113-WA
VTSP	(22)0216	(22)0231	Missing DEP	NIL	NIL
VTBD	(28)0847	(28)0756	Missing DEP	(DEP-TLM113-WAMM0411-VTBD-DOF/210928)	(DEP-TLM113-WAM
VYYY	(26)1428		Missing DEP	(DEP-LNI2843/A2464-WIII1105-VYYY-0)	(DEP-LNI2843/A246
VTBS	(21)1100	(21)1127	Missing DEP	(DEP-TMG925/A1610-WALL0754-VTBS-DOF/211021)	(DEP-TMG925/A16
VTUO	(03)0811	(03)0806	Missing DEP	(CNL-AIQ6021-WIII0425-VTUO-DOF/211003)	CNL
VOMM	(13)1413		Missing DEP	NIL	NIL
VTBD	(16)0850	(16)0843	Missing DEP	(DEP-TLM113-WAMM0452-VTBD-DOF/211116)	(DEP-TLM113-WAM
VTBD	(30)0851	(30)0901	Missing DEP	(DEP-TLM113-WAMM0459-VTBD-DOF/211130)	(DEP-TLM113-WAM
VTSP	(08)1008	(08)1012	Missing DEP	NIL	NIL
VYYY	(04)0711		Missing DEP	(DEP-VTCRA-WIHH0550-VYYY-DOF/211104)	(DEP-VTCRA-WIHH0
VTBS	(05)1812	(05)1818	Missing DEP	NIL	NIL
VTBS	(01)1512	(01)1520	Missing DEP	NIL	Nil
VTBS	(12)1034	(12)1055	Missing DEP	(DEP-FDX6091/A7161-WIII0759-VTBS-0)	(DEP-FDX6091/A71
VTBS	(27)0812	(27)0837	Missing DEP	(CHG-THA434-WIII0605-VTBS-DOF/211127-13/WIII0520)	Nil
VTBS	(29)1035	(29)1113	Missing DEP	(DEP-TMG405/A7145-WIII0801-VTBS-0)	(DEP-TMG405/A714
VTBS	(16)1255	(16)1310	Missing DEP	(DEP-TMG925/A1603-WALL0936-VTBS-DOF/211216)	(DEP-TMG925/A160
VTBD	(28)0859	(28)0830	Missing DEP	(DEP-TLM113-WAMM0431-VTBD-DOF/211228)	(DEP-TLM113-WAM
VTBS	(02)1004	(02)1006	Missing DEP	NIL	Nil
VTBS	(24)0926	(24)0859	Missing DEP	(CHG-THA434-WIII0605-VTBS-DOF/211224-13/WIII0540)	Nil
VTBS	(27)1135	(27)1135	Missing DEP	(DEP-TMG925/A5001-WALL0805-VTBS-DOF/220127)	(DEP-TMG925/A500
UUWW	(22)2129		Missing DEP	(DEP-VCJ99A/A0123-WIDD1048-UUWW-DOF/220122)	(DEP-VCJ99A/A012
VDPP	(12)1501		Missing DEP	(DEP-VJT842-WIHH1225-VDPP-DOF/220112)	(DEP-VJT842-WIHH
OAKB	(09)0520		Missing DEP	(DEP-GIA7720/A7152-WIII2216-OAKB-0)	(DEP-GIA7720/A715
OAKB	(09)0453		Missing DEP	(DEP-GIA7900/A7112-WIII2150-OAKB-0)	(DEP-GIA7900/A711
VTBS	(15)1459		Missing DEP	Nil	NIL
VTBS	(25)0430	(25)0433	Missng DEP	(DEP-MYU936/A5001-WALL0100-VTBS-DOF/220225)	(DEP-MYU936/A500
VTBD	(15)1140	(15)1130	Missing DEP	(DEP-TLM113-WAMM0732-VTBD-DOF/220215)	(DEP-TLM113-WAM
ZPPP	(25)1411	(25)1525	Missng DEP	Nil	Nil
VABB	(14)2303		Missing DEP	Nil	Nil

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ANALISA	PDAI
OK	WIIFZQZX WILLZTZ WIPPZTZ VTBBZQZX WSJCZQZX WMFCZQZX VVTSZRZX VDPPZQZX VDPPZTZ VLVTZ
ADDRESS	WABBZTZA WABBZPZX WAAFZQZA WIIFZQZX WBFCZQZC WSJCZQZX VVHMZQZX VVVVZQZC VDPFZQZX V
NIL PDAI WADD-VTSP (WADDZTZA WADDZPZX WAAFZQZA WIIFZQZX WSJCZQZX WMFCZQZX VTBBZQZX VTSPZTZ
OK	WAMMZTZA WAMMZPZX WAAFZQZA RPHIZQZX WBFCZQZX WSJCZQZX VVVVZQZX VDPPZQZX VTBBZQZX
OK	WIIIPZX WIIFZQZX WSJCZQZX WMFCZQZX VTBBZQZX VYFZQZX
TIDAK TERDAPAT PDAI	WAAFZQZA WIIFZQZX WALLZTZA WSJCZQZX VTBBZQZX VTBSZTZ WMFCZQZX WALLZPZX
CNL	WIIFZQZX WSJCZQZX WMFCZQZX VTBBZQZX VTUOZTZ WIIIPZX VVHMZQZX VDPFZQZX
NIL	WIIFZQZX VABBZQZX VABFZIZ VCCCZQZX VOMFZQZX VOMMZQZX WMFCZQZX WSJCZRZX VOTVZRZX OO
VTBSZPZX WAAAZQZX V	WAMMZTZA WAMMZPZX WAAFZQZA RPHIZQZX WBFCZQZX WSJCZQZX VVVVZQZX VDPPZQZX VTBBZQZX
VTBSZPZX WAAAZQZX V	WAMMZTZA WAMMZPZX WAAFZQZA RPHIZQZX WBFCZQZX WSJCZQZX VVVVZQZX VDPPZQZX VTBBZQZX
NIL	WIIFZQZX VTBBZQZX VTBDZPZX VTCCZTZ WSJCZRZX VTBUZTZ VVVVZQZX VTSPZTZ VTSPZQZX WIHHP
WRRRZEZA WIHHPZX V	WIHHTZA WIHHPZX WIIFZQZX WSJCZQZX WMFCZQZX VTBBZQZX VYFZQZX VYFZQZX
NIL	WIIFZQZX VTBDZTZ WMFCZQZX WSJCZQZX VTBSZTZ WIIIPZX VTBBZTZ VTBBZQZX VTBSZTZ
NIL	WIIFZQZX VTBDZTZ WMFCZQZX WSJCZQZX VTBSZTZ WIIIPZX VTBBZTZ VTBBZQZX VTBSZTZ
OK	WIIFZQZX VTBDZTZ WMFCZQZX WSJCZQZX VTBSZTZ WIIIPZX VTBBZTZ VTBBZQZX VTBSZTZ
NIL	WIIFZQZX VTBDZTZ WMFCZQZX WSJCZQZX VTBSZTZ WIIIPZX VTBBZTZ VTBBZQZX VTBSZTZ
OK	WIIFZQZX VTBDZTZ WMFCZQZX WSJCZQZX VTBSZTZ WIIIPZX VTBBZTZ VTBBZQZX VTBSZTZ
TIDAK TERDAPAT PDAI	WAAFZQZA WIIFZQZX WALLZTZA WSJCZQZX VTBBZQZX VTBSZTZ WMFCZQZX WALLZPZX
VTBSZPZX WAAFZQZA V	WAMMZTZA WAMMZPZX WAAFZQZA RPHIZQZX WBFCZQZX WSJCZQZX VVVVZQZX VDPPZQZX VTBBZQZX
NIL	WIIFZQZX VTBDZTZ WMFCZQZX WSJCZQZX VTBSZTZ WIIIPZX VTBBZTZ VTBBZQZX VTBSZTZ
NIL	WIIFZQZX VTBDZTZ WMFCZQZX WSJCZQZX VTBSZTZ WIIIPZX VTBBZTZ VTBBZQZX VTBSZTZ
TIDAK TERDAPAT PDAI	WAAFZQZA WIIFZQZX WALLZTZA WSJCZQZX VTBBZQZX VTBSZTZ WMFCZQZX WALLZPZX
UDDZQZX UUWWZQZ	WIDDZTZA WIDDZPZX WSJCZQZX WIIFZQZX WMFCZQZX VVHMZQZX VDPFZQZX VTBBZQZX VLVTZQZX UU
ADDRESS	WIHHTZA WIHHPZX WIIFZQZX WSJCZQZX WMFCZQZX VTBBZQZX VVHMZQZX VDPPZTZ VDPFZQZX
OK	WIIFZQZX WIIIPZX WIIITZX WSJCZQZX WMFCZQZX VTBBZQZX VYFZQZX VECFZQZX VIDFZQZX VTBBZDZ
OK	WIIFZQZX WIIIPZX WIIITZX WSJCZQZX WMFCZQZX VTBBZQZX VYFZQZX VECFZQZX VIDFZQZX VTBBZDZ
NIL	WIIFZQZX VTBDZTZ WMFCZQZX WSJCZQZX VTBSZTZ WIIIPZX VTBBZTZ VTBBZQZX VTBSZTZ
TIDAK TERDAPAT PDAI	WALL - VTBS
VTBSZPZX WAAFZQZA V	WAMMZTZA WAMMZPZX WAAFZQZA RPHIZQZX WBFCZQZX WSJCZQZX VVVVZQZX VDPPZQZX VTBBZQZX
NIL	WIIFZQZX WILLZTZ WIPPZTZ VTBBZQZX WSJCZQZX WMFCZQZX VVTSZRZX VDPPZQZX VDPPZTZ VLVTZ
NIL	