



International Civil Aviation Organization

Aerodrome Safety & Planning Implementation Group

First Meeting (ASPIG/1)
(Cairo, Egypt, 19-21 November 2019)

Agenda Item 6: Coordination between RASG-MID and MIDANPIRG in the area of Aerodromes

6.2 GANP: ASBUs Implementation for AOP & AGA/ANS Coordination matters

SURFACE OPERATIONS

(Presented by the Secretariat)

SUMMARY

The objective of this Information Paper is to present the current Table B0-SURF 3-1 included in the MID ANP Vol III to be updated in line with the 6th Edition of the GANP.

Action by the meeting is at paragraph 2.

1 INTRODUCTION

1.1 The current Table B0-SURF 3-1 included in the MID ANP Vol III, which will be updated to match the complete rewritten version of the operational thread: Surface Operations included in the 6th Edition of the GANP, is at **Appendix A**.

2. ACTION BY THE MEETING

2.1 The meeting is invited to note the content of this paper.

APPENDIX A

B0-SURF: Safety and Efficiency of Surface Operations (A-SMGCS Level 1-2)

Description and purpose

Basic A-SMGCS provides surveillance and alerting of movements of both aircraft and vehicles on the aerodrome thus improving runway/aerodrome safety. ADS-B information is used when available (ADS-B APT).

Main performance impact:

KPA- 01 – Access and Equity	KPA-02 – Capacity	KPA-04 – Efficiency	KPA-05 – Environment	KPA-10 – Safety
Y	Y	Y	Y	Y

Applicability consideration:

A-SMGCS is applicable to any aerodrome and all classes of aircraft/vehicles. Implementation is to be based on requirements stemming from individual aerodrome operational and cost-benefit assessments. ADS-B APT, when applied is an element of A-SMGCS, is designed to be applied at aerodromes with medium traffic complexity, having up to two active runways at a time and the runway width of minimum 45 m.

<i>B0-SURF: Safety and Efficiency of Surface Operations (A-SMGCS Level 1-2)</i>				
Elements	Applicability	Performance Indicators/Supporting Metrics	Targets	Timelines
A-SMGCS Level 1*	OBBI, HECA, OIII, OKBK, OOMS, OTBD, OTHH, OEDF, OEJN, OERK, OMDB, OMAA, OMDW	Indicator: % of applicable international aerodromes having implemented A-SMGCS Level 1 Supporting Metric: Number of applicable international aerodromes having implemented A-SMGCS Level 1	70%	Dec. 2017
A-SMGCS Level 2*	OBBI, HECA, OIII, OKBK, OOMS, OTBD, OTHH, OEJN, OERK, OMDB, OMAA, OMDW	Indicator: % of applicable international aerodromes having implemented A-SMGCS Level 2 Supporting Metric: Number of applicable international aerodromes having implemented A-SMGCS Level 2	50%	Dec. 2017

*Reference: Eurocontrol Document – “Definition of A-SMGCS Implementation Levels, Edition 1.2, 2010”.

**TABLE B0-SURF 3-1
(A-SMGCS Level 1-2)**

EXPLANATION OF THE TABLE

Column

- 1 Name of the State
- 2 Name of City/Aerodrome and Location Indicator
- 3 Status of implementation of A-SMGCS Level 1, where:
Y – Yes, implemented
N – No, not implemented
- 4 Status of implementation of A-SMGCS Level 2, where:
Y – Yes, implemented
N – No, not implemented
- 5 Action plan — short description of the State’s Action Plan with regard to the implementation of A-SMGCS Level 1-2, especially for items with “N”.
- 6 Remarks

	City/ Aerodrome Location Indicator	Level 1	Level 2	Action Plan	Remarks
State					
1	2	3	4	5	6
BAHRAIN	Bahrain/Bahrain Intl (OBBI)	Y	Y	A-SMGCS Level 1-2 Project is under Execution phase. expected completion on Dec 2015	
EGYPT	Cairo/Cairo Intl (HECA)	Y	Y		
IRAN	Tehran/Mehrabad Intl (OHH)	N	N		
KUWAIT	Kuwait/Kuwait Intl (OKBK)	N	N		
OMAN	Muscat/Muscat Intl (OOMS)	N	N		
QATAR	Doha/Doha Intl (OTBD)	Y	Y		
	Doha/Hamad Intl (OTHH)	Y	Y		
SAUDI ARABIA	Dammam/King Fahad Intl (OEDF)	N	N		
	JEDDAH/King Abdulaziz Intl (OEJN)	N	N		
	RIYADH/King Khalid Intl (OERK)	N	N		
UAE	Abu Dhabi/Abu Dhabi Intl (OMAA)	Y	Y	Level 4 2017	
	Dubai/Dubai Intl (OMDB)	Y	Y	Level 4 2017	
	DUBAI/Al Maktoum Intl (OMDW)	Y	N	Level 4 2018	
Total Percentage		54%	46%		

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