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منظمة الطيران
المدنى الدولى

国际民用
航空组织

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MID File Ref.: AN 1/7.1-18/216

12 July 2018

**Subject: Joint ACAO/ICAO ASBU Symposium for EUR/NAT and MID Regions
(Marrakech, Morocco, 10-13 December 2018)**

Action Required: Reply not later than 1 November 2018

Dear Sir,

I wish to invite you to the Joint ACAO/ICAO Global Air Navigation Plan Aviation System Block Upgrades (ASBU) Symposium for EUR/NAT and MID Regions to be held in **Marrakech, Morocco, from 10 to 13 December 2018**. The Symposium will be organized jointly by the ICAO EUR/NAT and MID Regional Offices; and hosted by the Arab Civil Aviation Organisation (ACAO).

The objective of the Symposium is to raise awareness on the latest global air navigation developments, including the outcome of the 13th Air Navigation Conference (AN-Conf/13), review the status of implementation of the ASBU Modules and address associated challenges based on lessons learned and best practices. The Symposium will also provide an opportunity to explore ways and means to support the implementation of the agreed air navigation priorities taking into consideration airspace users' requirements, fleet equipage, infrastructure, interoperability and inter-regional coordination, and address the Regional and National planning for ASBU implementation.

A Provisional Work Programme is provided in **Attachment A**. Administrative arrangements for the event and other useful information for participants, including the Hotel List in Marrakech (with ACAO corporate rates) will be provided in due course.

I would appreciate if you could, as soon as possible, preferably not later than **1 November 2018**, confirm your participation by submitting the Nomination Form at **Attachment B** to the following email addresses: icaomid@icao.int and icaoeurnat@paris.icao.int.

Yours faithfully,



Mohamed Khalifa Rahma
ICAO Regional Director
Middle East



Luis Fonseca
de Almeida
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Luis Fonseca de Almeida
ICAO Regional Director
Europe and North Atlantic

Enclosures:

- A- Provisional Work Programme
- B- Nomination Form

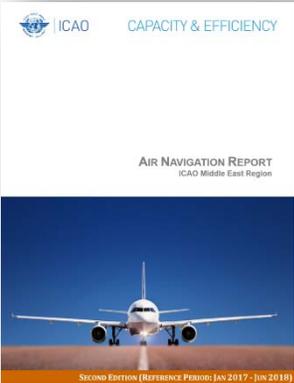
Distribution: ICAO EUR/NAT and MID States of Accreditation



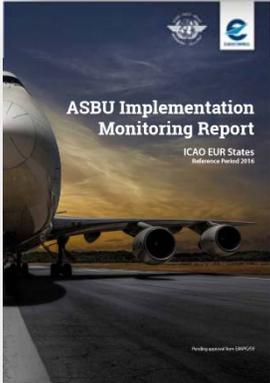
ACAO-ICAO EUR/NAT and MID ASBU Symposium

(Marrakech, Morocco, 10-13 December 2018)

WORK PROGRAMME



Performance Improvement Area	Block 0 (2015)	Block 1 (2016)	Block 2 (2018)	Block 3 (2021 onward)
Airport operations	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Critical infrastructure systems and CDTI	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Optimised capacity and flexible flight	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Efficient flight paths	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■ ■ ■



Day 1 – 10 December 2018

Time	Session Title/Presentation(s)	Moderator/Speakers/Panelists
08:00 09:00	Registration	-
09:00 10:00	Session 1.1: Opening Ceremony <i>Master of Ceremony (MC) Mohamed Rejeb (ACAO)</i>	
	Introduction by the MC followed by welcoming and Opening Remarks	[Name] (Morocco) TBC [Name] (ACAO) [Name] (ICAO EUR/NAT) [Name] (ICAO MID)
Coffee Break & Group Photo – 30 minutes		
10:30 11:15	Session 1.2: Global Developments – Setting the scene	
	<ul style="list-style-type: none"> • GANP 2019/AN-Conf/13 main Outcomes: <ul style="list-style-type: none"> – Main outcomes of the AN-Conf/13 – Generic presentation on the GANP 2019 	[Olga De Frutos] (ICAO HQ)
11:15 12:00	Session 1.3: ASBU Block 0 Implementation (Regional Perspective)	
	<ul style="list-style-type: none"> • EUR/NAT experience • MID Region experience 	[Name] (ICAO EUR/NAT) [Name] (ICAO MID)
Coffee Break – 30 minutes		
12:30 13:15	Session 1.4: Performance Based Approach/Performance Framework	
	<ul style="list-style-type: none"> • Performance management process • ICAO EUR/NAT Performance Framework in support of ASBU 	[Olga De Frutos] (ICAO HQ) [Name] (ICAO EUR/NAT)
13:15 14:45	Session 1.5: ASBU Block 0 Implementation – FAA Analysis	
	<ul style="list-style-type: none"> • FAA analysis of ASBU Block 0 implementation • Inter-regional issues • Q&A 	[Name] (FAA)
End of Day 1		
Lunch		

Exhibition by Industry all day

Day 2 – 11 December 2018

Time	Topic/Title	Moderator/Speakers/Panelists
09:00 11:00	Session 2.1: ASBU Block 0 Implementation (States experience) State(s) presentation(s) on ASBU Block 0 implementation (general) and specific ASBU implementation challenges and lessons learnt (APTA, CCO, CDO, ATFM, SWIM, etc.)	
	<ul style="list-style-type: none"> • States form EUR and MID to be identified • USA ASBU implementation experience • Users' perspective 	[Name] TBD [Name] TBD [Name] TBD
Coffee Break – 30 minutes		
11:30 12:30	Session 2.2: Technology in support of ASBU Implementation - Industry perspective Industry presentations on specific ASBU Block 0 implementation such as ATFM, SWIM, RATS, WAKE, etc.	
	<ul style="list-style-type: none"> • 3 Companies/Exhibitors to be identified 	TBD
Coffee Break – 30 minutes		
13:00 14:30	Session 2.3: ASBU Implementation (Panel Discussions) Panel Discussion on ASBU implementation (APTA, CCO, CDO, ATFM, SWIM, etc.)	
	<u>Moderator:</u> TBD	
	<u>Panelists:</u> ICAO, ACAO, IATA, FAA, ACI, CANSO, EUROCONTROL, Volunteers from States, TBD	
End of Day 2		
Lunch		

Exhibition by Industry all day

Day 3 – 12 December 2018

Time	Topic/Title	Presented by
09:00 09:45	Session 3.1: AN-Conf/13 Outcome and GANP 2019/ASBUs	
	<ul style="list-style-type: none"> • GANP 2019: <ul style="list-style-type: none"> – Multilayer structure and global strategic level including a vision, performance ambitions and conceptual roadmap – Global technical level including the BBB and the ASBU frameworks – Air Navigation Roadmaps 	[Olga De Frutos] (ICAO HQ)
09:45 10:45	Session 3.2: GANP 2019 ASBU Block 0 and Block 1 Modules (DATM, AMET, SWIM) Detailed presentation (through online demonstration using the GANP Portal and/or PPTs) and interactive discussion on selected GANP 2019 ASBU Block 0 and Block 1 Modules (main purpose/objective, description, new capabilities, elements, implementation, performance objectives, KPIs, data collection, monitoring at National and Regional Levels, etc).	
	<ul style="list-style-type: none"> • DATM, AMET, SWIM (TBC) • Q&A 	[Olga De Frutos] (ICAO HQ) Panellists : [Names] (ICAO EUR/NAT and/or MID, States/ORGs)
Coffee Break – 30 minutes		
11:15 12:45	Session 3.3: GANP 2019 ASBU Block 0 and Block 1 Modules (APTA, FICE, FRTO, NOPS, ACDM) Detailed presentation (through online demonstration using the GANP Portal and/or PPTs) and interactive discussion on selected GANP 2019 ASBU Block 0 and Block 1 Modules (main purpose/objective, description, new capabilities, elements, implementation, performance objectives, KPIs, data collection, monitoring at National and Regional Levels, etc).	
	<ul style="list-style-type: none"> • APTA, FICE, FRTO, NOPS and WAKE (TBC) • Q&A 	[Olga De Frutos] (ICAO HQ) Panellists : [Names] (ICAO EUR/NAT and/or MID, States/ORGs)
Coffee Break – 30 minutes		
13:15 14:00	Session 3.4: GANP 2019 ASBU Block 0 and Block 1 Modules (ACDM, ASUR and SURF) Detailed presentation (through online demonstration using the GANP Portal and/or PPTs) and interactive discussion on selected GANP 2019 ASBU Block 0 and Block 1 Modules (main purpose/objective, description, new capabilities, elements, implementation, performance objectives, KPIs, data collection, monitoring at National and Regional Levels, etc).	
	<ul style="list-style-type: none"> • ACDM, ASUR and SURF (TBC) • Q&A 	[Olga De Frutos] (ICAO HQ) Panellists : [Names] (ICAO EUR/NAT and/or MID, States/ORGs)
14:00 14:45	Session 3.5: Technology in support of ASBU – Industry perspective Industry presentations on specific ASBU Block 0 implementation such as ATFM, SWIM, RATS, WAKE, etc.	
	<ul style="list-style-type: none"> • 3 Companies/ to be identified 	TBD
End of Day 3		
Lunch		

Exhibition by Industry all day

Day 4 – 13 December 2018

Time	Topic/Title	Presented by
09:00 09:45	Session 4.1: CBA in support of Assets deployment	
	<ul style="list-style-type: none"> ASBU implementation: Cost Benefit Analysis and Financial assessment tools 	[Name] (ICAO EUR/NAT & FAA)
09:45 10:30	Session 4.2: NextGEN in support of the GANP	
	Presentation on NextGEN and its link to the ASBU framework.	[Name] (FAA)
Coffee Break – 30 minutes		
11:00 11:45	Session 4.3: SESAR in support of the GANP	
	Presentation on SESAR and its link to the ASBU framework.	[Name] (TBD)
11:45 12:45	Session 4.4: ASBU Implementation Planning	
	<u>Moderators:</u> <i>Mohamed Smaoui/Elkhan Nahmadov</i> (ICAO) <u>Panelists:</u> ICAO, IATA, ACI, CANSO, EUROCONTROL, FAA, Volunteers from States, TBD	
	<ul style="list-style-type: none"> Way forward for the Regional and National ASBU Implementation Planning 	[Name] (ICAO EUR/NAT) [Name] (ICAO MID)
Coffee Break – 75 minutes		
14:00 14:30	Session 4.5: Closing Ceremony	
	<ul style="list-style-type: none"> Wrap-up/Conclusions Closing 	ICAO [Name] (Morocco) TBC [Name] (ACAO) [Name] (ICAO EUR/NAT) [Name] (ICAO MID)
End of Day 4		
Lunch		

Exhibition by Industry all day
