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Международная
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Ref.: SP 59/5.2-11/27

4 April 2011

Subject: Fatigue Risk Management Systems (FRMS)
Symposium, Montréal, 30 to 31 August 2011 and
the Third Annual Meeting of the FRMS Forum,
1 to 2 September 2011

Action required: a) Plan for attendance; and b) register
online by 15 August 2011

Sir/Madam,

1. I have the honour to refer to EB 2010/55, dated 15 December 2010, and to invite you to participate in the International Civil Aviation Organization's (ICAO) first Fatigue Risk Management Systems (FRMS) Symposium to be held in Montréal from 30 to 31 August 2011. The FRMS Symposium will provide States and operators with information that will help them understand the issues related to the oversight and the implementation of FRMS. A draft agenda for the symposium is attached.

2. Following the symposium, ICAO will also host the Third Annual Meeting of the FRMS Forum from 1 to 2 September 2011. The FRMS Forum provides a vehicle for industry specialists to share knowledge and experiences of creating, implementing and overseeing an FRMS. As a draft agenda becomes available, it will be included on the FRMS website cited below.

3. All further information related to the symposium, including the draft agenda, registration, general information, hotels and rates are available on the ICAO website at <http://www.icao.int/FRMS2011/>. Registration is free for both events and will be done online prior to 15 August 2011. As both of these events are expected to draw a large audience, it is recommended that you make early travel arrangements and hotel reservations.

Accept, Sir/Madam, the assurances of my highest consideration.

Raymond Benjamin
Secretary General

Enclosure: Draft agenda

ATTACHMENT to State letter SP 59/5.2-11/27

FATIGUE RISK MANAGEMENT SYSTEMS (FRMS) SYMPOSIUM

ICAO HEADQUARTERS, MONTRÉAL

(30 – 31 August 2011)

DRAFT AGENDA

DAY 1

Opening

9:00 – 9:10	Opening, welcome	Roberto Kobeh, President of Council, ICAO
9:10 – 9:45	Keynote speech: Why we need to improve the way we manage fatigue – The global perspective	Randy Babbitt, FAA Administrator
9:45 – 9:50	Lead in to conference sessions	Nancy Graham, ICAO

Session 1 – Is FRMS the answer to all our fatigue problems?

Moderator: Nancy Graham, ICAO

9:50 – 10:10	FRMS: What it is, and what it isn't: <ul style="list-style-type: none">• Arguing safety but thinking efficiency• Labour agreements vs. safety arguments• Effective safety reporting systems• Mathematical models• Stakeholder involvement	Curt Graeber, Leader of ICAO's FRMS Task Force
10:10 – 10:30	The SMS and FRMS Relationship: Natural bedfellows or do they both have to grow up first?	John Illson, ICAO
10:30 - 11:00	Break	

Session 2 – FRMS – the framework

Moderator: (TBA)

11:00 – 11:25	Why do we need FRMS Standards and Recommended Practices?	Mitch Fox, ICAO
11:25 – 11:45	The structure and content of the FRMS Provisions	Michelle Millar, ICAO
11:45 – 12:00	FRMS guidance for regulators and operators	Nancy Graham, ICAO Guenter Matschnigg, IATA (TBA) IFALPA
12:00 – 13:30	Lunch	

Session 3 – The science behind FRMS

Moderator: (TBA)

13:30 – 14:00	The causes of fatigue: <ul style="list-style-type: none"> • Sleep loss • Circadian factors • The “perfect roster” 	(TBA)
14:00 – 14:30	Measuring fatigue (including mathematical models)	(TBA)
14:30– 15:00	Science in an operational setting	Philippa Gander, PhD
15:00 – 15:30	Break	

Session 4 – Will the “real” science please stand up?

Interviewer: Jim Mangie, Delta Airlines

15:30 – 16:30	Panel interview: <ul style="list-style-type: none"> • Why doesn’t the science all match? • Subject Matter Experts vs. scientists • Whose science are you going to pay for? • Asking scientists operational questions, e.g. The Moebus Report • What science do the mathematical models reflect? 	Interviewees: Philippa Gander, PhD Curt Graeber, PhD Others (TBA)
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DAY 2**Session 5 – What do the FRMS SARPS mean for us?**

Interviewer: Jim Dow, ICAO Air Navigation Commissioner

9:00 – 9:20	FRMS SARPs – Who needs them anyway?	Bill Voss, FSF
9:20 – 10:20	Panel discussion: <ul style="list-style-type: none"> • How will it work in different States? • Will operators force regulators into FRMS when they are not ready? 	Interviewees: (TBA)
10:20 – 10:30	Meeting the needs of our Contracting States – The FRMS Rollout	Mitch Fox, ICAO
10:30 – 11:00	Break	

Session 6 – FRMS Regulatory Challenges

Moderator: (TBA)

11:00 – 11:20	Performance-based regulation: The changing role of the regulator	Henry Gourdjji, ICAO
11:20 – 11:40	Can regulators be confident that an FRMS provides an acceptable level of safety? <ul style="list-style-type: none"> • Aesthetics versus substance • Performance indicators • When to say “No” 	Kathryn Jones, UK CAA
11:40 – 12:00	Experiences on the road to FRMS regulation – EASA’s NPA	TBA
12:00 - 13:30	Lunch	

Session 7 – FRMS challenges for the operator

Moderator: (TBA)

13:30 – 13:50	What’s the union got to do with it? <ul style="list-style-type: none"> • Shared responsibility • When there isn’t a union ... 	Don Wykoff, IFALPA
13:50 – 14:10	When to call the doctor – Is there a role for the Designated Medical Examiner in an FRMS? <ul style="list-style-type: none"> • Hypnotics • Sleep disorders, including sleep apnoea 	Tony Evans, ICAO
14:10 – 14:30	Operators great and small – Where do we go for help? <ul style="list-style-type: none"> • Keeping it simple • High risks and increasing operational complexity 	Nancy Rockbrune, FRMS Manager, IATA (invited)
14:30 – 15:00	Break	

Session 8 – The difficult questions

Interviewer: Bill Voss, Flight Safety Foundation (FSF)

15:00 – 15:45	<p>Panel discussion:</p> <p>Bill Voss will pose some of the more controversial and complex questions to our panel of experts, including:</p> <ul style="list-style-type: none"> • What needs to be done to manage commuting? • Arguing safety but thinking efficiency? • Personal responsibility and fitness for duty • Controlled rest <p>Provision of outcome of responses to e-questionnaire regarding rollout options</p>	<p>Interviewees:</p> <p>Kathryn Jones Don Wykoff Jim Mangie Michelle Millar</p> <p>Bill Voss, FSF</p>
15:45 – 16:15	<p>The last word – What can we expect from FRMS?</p> <ul style="list-style-type: none"> • How fatigue science has evolved and where it still needs to go • Managing risks rather than eliminating a problem 	Mark Rosekind, NTSB
16:15 – 16:30	<p>Closing of the FRMS Symposium Lead into FRMS Forum Meeting</p>	Raymond Benjamin, Secretary General, ICAO

THE FRMS FORUM'S THIRD ANNUAL MEETING
ICAO Headquarters, Montreal
1 – 2 September 2011

Draft Agenda to be posted on www.icao.int/FRMS2011