Network Manager
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ES²

EUROCONTROL

NM SAFETY MANAGEMENT TOOLS WORKSHOP

Experience Sharing to Enhance Safety
ROMATSA Headquarters, Bucharest, 25-27 April 2017

"Moving towards Safety Intelligent Tools"

FOREWORD

Every year EUROCONTROL Network Manager, with the support of one ANSP, organises workshops on key themes of Safety Management within the framework of the Experience Sharing to Enhance Safety programme (ES2).

The first workshop of 2017 is a follow-up of the workshop in 2015 held in Larnaca. It is dedicated to the NM Safety Management Tools and provides the opportunity to share how the tools are used within ANSP organisations and discuss further what to do with the data collected to manage safety risks, as well as to set safety priorities for the EUROCONTROL Network Manager.

The EUROCONTROL Network Manager is developing and deploying safety management tools for the monitoring of safety performance, safety occurrence and investigation as well as for safety decision making. These are not the only tools the ANSPs are using in their organisations for the management of safety. In conjunction with the above NM tools the overall approach to safety is turned into a risk-based safety approach.

With RP2 due to run until the end of 2019, we are fast approaching the new era of RP3. ATM will continue to be driven by performance and there are targets that will need to be reached. Safety Management Tools can help reaching these targets but need to be integrated into the SMS. The effectiveness of this integration relies on key elements of the SMS like safety culture, safety organisation and the use and confidentiality of safety data. In particular, balancing safety and accountabilities with respect to just culture principles remains essential. Thus, what measures should be implemented to get staff, unions, professional associations and high-level management confident to use such tools? - What data should be collected and what to do with these data? - How to tackle operational systemic issues ?

These are the kind of common questions that each working session will intend to answer within an overall approach to identify and monitor safety risks.

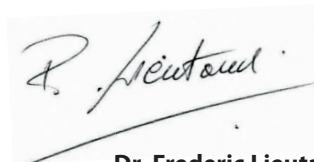We will also hear from ANSPs on the safety challenges they are facing and how they intend to tackle them.

The overall management of risks within the context of the deluge of big data is also an opportunity to present the integration of the Safety Management Tools moving towards safety intelligence tools or business intelligence tools.

The intent of this workshop is to hear from you and share safety issues and challenges that concern you the most.

We thank ROMATSA for welcoming the NM Safety Management Tools Workshop.

Tony Licu
Head of NMD/NOM/Safety Unit

Dr. Frederic Lieutaud
ES2 Programme Leader

OBJECTIVES

- Give ANSPs the opportunity to discuss and comment with the EUROCONTROL Network Manager Safety Unit the future of NM Safety Management Tools through Working Sessions dedicated to each Tool.

- Give ANSPs the opportunity to inform the EUROCONTROL Network Manager on their safety needs at local or Network level regarding the RP2 and RP3 safety challenges.

- Give ANSPs the opportunity to learn from Safety Management Tools Users and invited Speakers on how they manage the performance of safety and safety risks.

- Give ANSPs the opportunity to network with their peers and the Network Management Safety Unit.

CONFERENCE TECHNICAL COORDINATION CONTACT

Should you like to discuss this event further, please do not hesitate to contact:

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AGENDA

Tuesday 25 April 2017 - Afternoon

12:00   **Registration**

13:00   **Welcome & Opening/Agenda**
Valentin Miroiu, ROMATSA, Acting Safety & Quality Director
Tony Licu, EUROCONTROL, Head of Network Manager Operational Safety Unit

13:15   **A policy - foundation for a successful deployment of safety management tools**
- Just Culture enabler for any Safety Management Tool
- Automatic collection of data - EUROCONTROL & IFATCA's view

Alfred Vlasek, AustroControl, Safety Manager
Dr. Frederic Lieutaud, EUROCONTROL, ES2 Leader and ASMT Manager

14:15   **Overview of the Network Manager Safety Management Tools**
- Safety Monitoring, Automatic Safety Monitoring Tool, ASMT v4.3

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15:00   **Coffee Break**

15:30   **Overview of NM Safety Management Tools cont'd**
- Safety Reporting, Occurrence Investigation and Risk Analysis: eTokai v2.X

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16:15   **Overview of NM Safety Management Tools cont'd**
- Support to decision-making in Safety management: APF v2.x

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17:00   **End of Day 1**

Wednesday 26 April 2017

09:00   **ASMT User stories and Beyond**
Pavel Sovák, LPS, Safety Expert
Emily Price, NATS, Safety Analyst

10:00   **ASMT Workshops - Brainstorming in small groups**
- Setting the scope - An 8-steps approach to identify areas of safety concern
- Integration with other tools (i.e. eTOKAI)
- Safety II approach: positive deviance
- Introducing the working session

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11:00   **Coffee Break**

11:30   **ASMT Working Session - Brainstorming in groups cont'd**
At least 3 Working groups will be set among the participants

12:30	**Lunch**

13:45	**Feedback from Working Groups**
	Each group representative
14:30	**eTOKAI User stories**
	Harald Schachinger, *AustroControl, Team Leader Occurrence Management and co-chair of SMT-UG*
	Shahram Etminan, *DFS, Senior Safety Expert*
15:00	**eTOKAI Web service interface – how and why do we need a web service interface**
	Didier Yvetot, , *DSNA, Chef de sub Outils DO1-BS*

15:30	**Coffee Break**

16:00	**eTOKAI Session - Brainstorming in groups**
	■ Statistics, Queries, Dashboards, Trends
	■ Web service interface and BIs
	■ Safety II approach
	■ Integration with other tools (i.e. ASMT)
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	Feedback from working groups
	At least 3 Working groups will be set with participants

17:30	**End of Day 2**

Thursday 27 April 2017 - Morning

09:00	**APF User Story**
	Declan Hilliard, *IAA, ATM Specialist, Safety Management Unit*
09:30	**APF Session – Brainstorming in small groups**
	■ Statistics, Queries, Dashboards, Trends
	■ Web service interface and BIs
	■ Safety II approach
	■ Integration with other tools (i.e. eTOKAI)
	Lead by EUROCONTROL with
	JLG Consulting & Deep Blue (EUROCONTROL External Support)
	Feedback from working groups
	At least 3 Working groups will be set with participants

10:45	**Coffee Break**

11:30	**Group findings Synthesis (15 min feed-back from each tool session)**
	Proposed way forward and Q & A
	EUROCONTROL
12:45	**Closing remarks and way forward**
	EUROCONTROL

13:00	**End of Day 3**