



ECAST SMS and Safety Culture WG

Update report to ECAST#1-09, 12 Mar 09

WP1 - Review reference SMS/Safety Culture materials and initiatives

WP2 - Organisational Structures/Models for Safety

WP3 - Hazard Identification

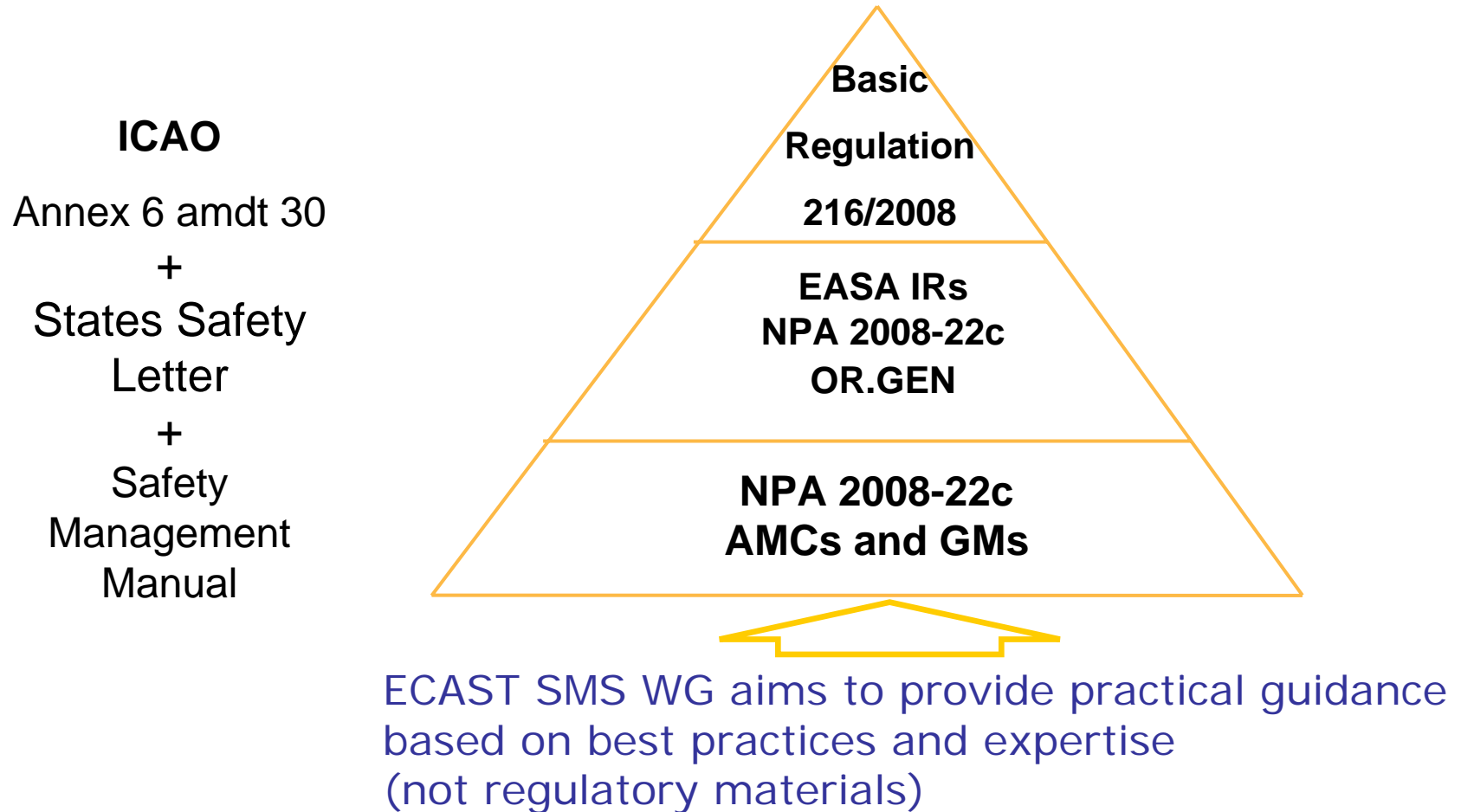
WP4 - Risk Assessment

What comes next?

Presented by WG Leader Dave PRIOR, easyJet



ECAST SMS WG and the regulatory framework





ECAST - SMS WG Work Packages

→ 4 Work Packages:

WPs	WP Leaders
WP 1 - Review current SMS/Safety Culture initiatives and materials	Jacques Beaufays, EUROCONTROL and Michel Piers, Air Transport Safety Institute, NLR
WP 2 - Identify best practices and examples of organisations	Stephen Clark, NATS With support of Peter Sorensen, IATA and Val Gray, UK CAA
WP 3 - Hazard Identification	Ilias Maragakis, EASA and Dave Prior, easyJet
WP 4 - Risk Assessment	Jary Nisula, AIRBUS <i>Leader of ARMS</i>



WP 1 - Review current SMS/Safety Culture initiatives and materials

➔ **SKYbrary is being populated**

By J. Beaufays, EUROCONTROL

http://www.skybrary.aero/index.php/Category:Safety_Management



WP 1 - Review current SMS/Safety Culture initiatives and materials

✈ WP1 deliverable on Safety Culture revised

Report by M. PIERS, NLR

- ✦ New template
 - ✦ Executive Summary
 - ✦ Disclaimer by EASA
 - ✦ Content upgraded: added two Appendices:
 - “Example Checklist Items ”
 - “Relating the Safety Culture framework with the Safety Culture dimensions proposed by James Reason”
 - ✦ Various formal improvements
- ✈ Meanwhile an article on SC (not from ECAST) was published on SKYbrary:
http://www.skybrary.aero/index.php/Safety_Culture



WP 1 - Review current SMS/Safety Culture initiatives and materials

→ Suggestion to revise the ICAO SMM regarding Just Culture

Report by M. MASSON, EASA

- ✦ JC no more used in the 2nd edition; replaced by 'Accountability'
- ✦ Is creating misunderstandings
- ✦ Request for clarification addressed by the HFAG chaired by Simon.Roberts@caa.co.uk to Dan MAURINO, ICAO
- ✦ Paragraphs: 2.8.28 to 2.8.37 are being rewritten



WP 2 – Best practices and examples of organisations

✈ WP2 deliverable revised

Report by S. CLARK, NATS

- ✦ New template
- ✦ Executive Summary
- ✦ Disclaimer by EASA
- ✦ Deleted examples of organisational structures (as not in accordance with EU-OPS)
- ✦ Various formal improvements
- ✦ Discussions on SMS / QMS interface (not in the deliverable)



WP 2 'Golden Rules' (Summarised)

- ➔ **1: Full Safety Accountability at the Top**
- ➔ **2: Supported by independent Safety Support Function with full authority from the Top**
- ➔ **3: Individuals within the Safety Support Function should have respect and influence**
- ➔ **4: Formal communications from the Top to the Safety Support Function**
- ➔ **5: Actions necessary to support the SMS should be managed throughout the organisation**
- ➔ **6: Safety accountabilities and responsibilities should be documented and understood by the incumbents**



WP 3 – Hazard Identification

✈ WP3 deliverable revised

Report by I. MARAGAKIS, EASA

- ✦ New template
- ✦ Executive Summary
- ✦ Disclaimer by EASA
- ✦ Target audience clarified: airlines, airport operators, ground handlers, ANSPs, maintenance organisations (not Design; therefore not in the scope of CS.25)
- ✦ Definitions limited to this document
- ✦ Scope of qualitative methodologies clarified: either formal (safety assessment) or informal (discussions, brainstorming, etc.)



WP 4 – Risk Assessment

✈ WP4 / ARMS Deliverable under development

Report by D. PRIOR, easyJet, for ARMS

- ✦ ARMS article published on SKYbrary
http://www.skybrary.aero/index.php/ARMS_Methodology_for_Risk_Assessment
- ✦ PowerPoint presentation with speaker's notes for EASS 09 also on SKYbrary
http://www.skybrary.aero/index.php/ARMS_Methodology_for_Risk_Assessment
- ✦ Work will continue being documented at a more refined level in the following weeks



What comes next?

➤ Presentations in EASS 09

- ✦ ECAST SMS by M. MASSON, EASA
- ✦ ARMS by J. NISULA, Airbus

http://www.flightsafety.org/eass09_preagenda.html

➤ Publications on the ECAST and SKYbrary websites by 31 March

➤ Press release by EASA (and others?)

➤ Workshops?

- ✦ Promotion of ECAST / ARMS materials

➤ Identification of hazards and mitigations by activity domain, as suggested by G. THIRION, DGAC France?

➤ *Should the ECAST SMS WG mission be extended?*