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The Challenges of Regulating in an SMS Environment

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Outline

- SMS – Defined
- Six Basic Components
- History
- More than Compliance
- Continual Assessment
- Challenges
- SSP/IMS as it Relates to SMS
- Conclusions

SMS – Defined

- SMS - Safety Management Systems

‘A documented process for managing risks that integrates operations and technical systems with the management of financial and human resources to ensure aviation safety or the safety of the public’

Canadian Aviation Regulation (CAR) 101.01(1)

Six Basic Components

1. Safety Management Plan
2. Training
3. Safety Oversight (reactive and proactive)
4. Documentation
5. Quality Assurance
6. Emergency Response Preparedness

History - Initial Development

- Must consider current legislation when developing SMS model (*CARs*)
- Time constraint project – 39 month window for implementation

Requires more than Compliance / Continual Improvement

- Need to establish safety culture in organizations
- Collaborative approach of regulator and industry to change the way they conduct their business
- Encouragement of employee participation in system (documentation, reporting, etc)
- Continual improvement of system based on multiple inputs (employees, inspectors, management)

Continual Assessment

- Ensures compliance with SMS regulations
- Specific, targeted routine inspections
- TC inspects companies at any stage in process to ensure compliance with regulations and quality of application
- Aim to identify safety hazards before they become a serious safety risk

Challenges

- Economic
- Demographic
- Communication problems/misperceptions
- Establishing role of regulator
- Address changing role of regulator
- Assessment of state's internal safety culture

SSP/IMS as it Relates to SMS

- TC's 'Integrated Management System'
- An internal system design to enhance efficiency in TC's operations to achieve system wide goal of SMS
- Provides systematic, risk-based management processes for internal TC practices

SSP/IMS as it Relates to SMS

- IMS works to improve: management accountability, program design/implementation, as well as measurement, analysis and continuous improvement.
- Brings together employees' separate skills and knowledge to achieve a greater goal

Conclusions

- That Canada's commitment to the implementation of SMS is unwavering
- Involving employees and partners in the development of SMS is absolutely fundamental
- It is paramount for authorities to re-examine their system, procedures and processes, as we are as much part of the safety equation as the operators

Muchas Gracias

Merci Beacoup

Thank you!