Setting the Scene

Safety Survey and Role in Safety Management

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Where we are - few definitions

“Safety is the state in which the risk of harm to persons or of property damage is reduced to, and maintained at or below, an acceptable level through a continuing process of hazard identification and risk management.”

Safety is defined as ‘freedom From accidental injury,’ which can be achieved by ‘Avoiding injuries or harm to patients from care that is intended to help them.’

Industrial safety can be defined as the ability to manage the risks inherent to operations or related to the environment. Industrial safety is not a dislike of risks; rather it is a commitment to clearly identify them in relation to production operations, assess them in terms of quality and quantity, and manage them.
Today’s Best Practices in Service Provision

Reporting & Investigation

Assessment

Surveys

Reactive

Proactive

Proactive Preventive

Safety Monitoring

ASMT Hot Spot Analysis

MUAC proximity recordings may June July 2004 and 2005 - critical distance

Other proximities

BCDA

Safety Monitoring

Safety Improvement Safety Performance
Why Safety Survey

“Senior management were too easily satisfied that the...system was being operated correctly, relying on the absence of any feedback of problems as indicating that all was well.” [1]


That being
The frequency is 1 failure in 10,000 events
This means 9,999 non failures in 10,000 events
Stage

Backstage!

Visibility?

Internal View
Rationale
Survey focus

Successive layers of defences, barriers, & safeguards

(Adapted from Reason, 1990)
We need More and would like to add: From Negative to the Positive Safety

Negative outcomes are caused by failures and malfunctions. All outcomes (positive and negative) are due to performance variability.

Safety = Reduced number of adverse events.
Safety = Ability to respond when something fails.
Safety = Ability to succeed under varying conditions.

Eliminate failures and malfunctions as far as possible.
Improve ability to respond to adverse events.
Improve resilience.

The goal of Positive Safety is to increase the number of things that go right, by enhancing the abilities to respond, monitor, learn, and anticipate, thus change in mindset how we perceive safety.
Safety Surveys types that will be developed by Speakers vs positive safety

- Effectiveness of SMS: Commonalities with SMS Safety Surveys, application and role of EASA visits

- Benefit to introduce D2D surveys, an approach to Operational Safety Surveys, what is gained differently from other SMS procedures (e.g. Investigations) and how it is different from an audit

- EUROSS, application of safety survey as a routine Observation

- Tools for improving safety surveys

- Use of safety survey for ATM Building cases

- Application of cooperation between ANSPs to perform international Audits, FAB context

- Training Safety Surveys, evolution or revolution
SMS does not tell you the right decision

We know: we need more....
SMS, QMS and SecMS – Commonalities and Best Practices

Taking the opportunity to saving time and resources looking at commonalities/overlaps between Management Systems

What about conflicts between Management Systems?
Thank you for your attention!

Questions

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What is Safety Survey

- **Safety Survey Policy**

- **Pro - Active & Preventive**

- **SMS Efficiency**

- **Safety Surveyor**

- **CEO**

  - **Safety Manager**

  - **Safety Review Board**

  - **Safety Survey**

- **Policy**

- **Manual**

- **Procedures**

- **FOUNDATION**

- **Unit Manager**

  - **SMS Efficiency**

  - **Report**

    - High Level Mgt Reaction & commitment

- **Staff Participation & Awareness**
What is Safety Survey

Achievement
- Achieving high safety standards

Assurance
- Assurance that risks are being properly managed

Promotion
- Communicating safety issues to foster safety culture

Safety Surveys

Safety Monitoring

Safety Records

Continuous Improvement

Safety Occurrences

Risk Assessment & Mitigation

Competency

External Services
Safety Survey as Part Of SMS

Figure - Safety Management System Requirements