Why SMS?

Capt. Dan Maurino
Independent safety management consultant
ITF Roundtable on Safety Management Systems
(March 23-24 2017, Paris)
ICAO – Spring 2005

• An explicit mandate
  – Turn safety into a business function
  – Evolutionary, not revolutionary
Safety management policy statement
Safety management accountabilities and responsibilities
Safety management documentation

Safety Management

System Safety
- Hazard
- Consequence
- [Potential]
- [Safety]
- Risk

Human Factors
- Organizational
- Cognitive

Business management
- [SP] Indicators
- [SP] Targets

Safety Management
- SRM
- SMS
- SA
- [SP]
- Targets

Safety management training
Safety management communication
Safety management policy statement

Safety management accountabilities and responsibilities

Safety management documentation

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Safety Management

SMS

SRM

SA

Safety management training

Safety management communication
How does SMS work?

**Input**
- Data
  - Operations
  - Maintenance
  - Financial
  - HR
  - Legal
  - Quality
  - ...

**SMS**
- Regulations
- Policies
- Analysis
- Evaluation
- Cost/Benefit

**Output**
- Information for strategic decisions
  - Safety programmes
    - Roadway Worker Protection
    - Drug & Alcohol Testing
    - Fatigue Management
    - Language proficiency
    - Electronic Devices
    - ...

**Safety programmes**
- Roadway Worker Protection
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- ....