



Agenda – Safety Management Task Group

- ★ **Overview of Safety Management Task Group (Seaton)**
- ★ Break for Lunch
- ★ Proposed Safety Management Task Group Process, with example (Seaton)
- ★ Proposed Safety Management Task Group Initiatives List (Borgman)
- ★ Safety Initiative Discussion: Test protocol for characterizing Hail Ice Threat Environment (Halpin/Kim)



Safety Management Task Group – Proposed Charter, Objectives, Process

Charles Seaton – Edmonds Community College

November 13, 2007

Overview

- ★ Helps provide focus on primary safety issues affecting all groups in CACRC
 - Facilitates the communication and identification of safety initiatives
 - Can assist task groups to evaluate role and participation in safety initiatives
- ★ Under guidance of executive committee
 - Recommends safety initiatives
 - Implements
- ★ Publishes summary reports for task groups to executive committee
- ★ For this meeting: At noon, hand out copies of proposed charter and objectives for comment



Organization

Executive Steering Committee

- ✦ Materials Task Group
- ✦ Processes Task Group
- ✦ Design Task Group
- ✦ Analysis Task Group
- ✦ Inspection Task Group
- ✦ Training Task Group
- ✦ Safety Management Task Group (SMTG)

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SMTG is a Facilitator, not Replacing Existing Processes

Role related to safety management and issues

Industry (e.g. OEMs, MROs)
Working Groups
(e.g. CMH-17)
Regulatory Guidance
(e.g. AC 20-107A)
Academia

SMTG Facilitates

Identifies

Communicates

Prioritizes

Task
Groups

SMTG Facilitates Processes

- ✦ Identify Safety Issue
- ✦ Focus on root causes
 - Consider alternatives (consensus process)
 - Research – to better characterize safety issues and root causes
 - Discuss/collaborate
 - Develop candidate list of actions through consensus process
- ✦ Recommend potential action items by task group
 - First: Individual task groups for comment
 - Second: Provide to Executive Committee

Example

- ✦ Issue: Potential Use of SRM repair procedures outside of approved repair envelope
- ✦ Outcomes
 - Alternative Root Causes: Remote operations; Uninformed practitioners
 - Research (Up to several month process)
 - Candidate List of action items
- ✦ Recommend action items by task group, gather comment
 - Action Item: Long term – more standard procedures
 - (TG Focus: Design, Materials, Processes)
 - Action Item: Short term – awareness training
 - (TG Focus: Training)
- ✦ Recommend findings to Executive Committee



SMTG publishes and implements

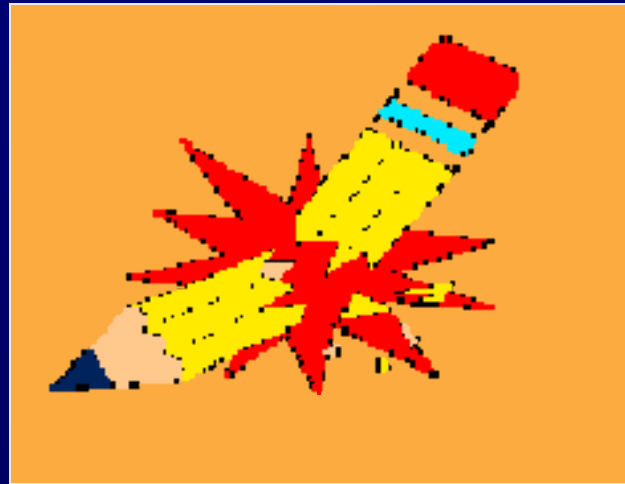
- ✦ Report: Summarizes by initiative to Executive Committee
- ✦ Implementation: Under direction of Executive Committee

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Summary

- ✦ Adds focus to safety issues as an integrated process among task groups
- ✦ Increases opportunities for identifying safety issues from broad range of organizations
 - Individual
 - Team
 - Executive Committee
 - External Forces
- ✦ Challenge – Availability of volunteers to support safety management activities

Break!



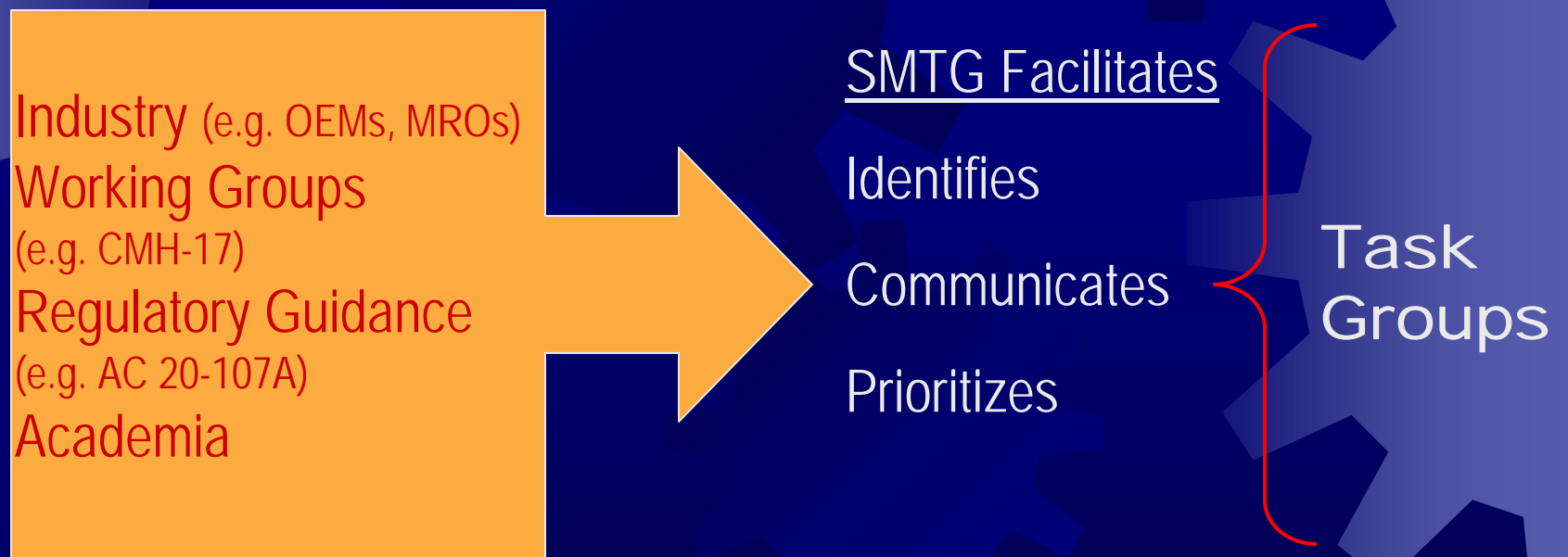
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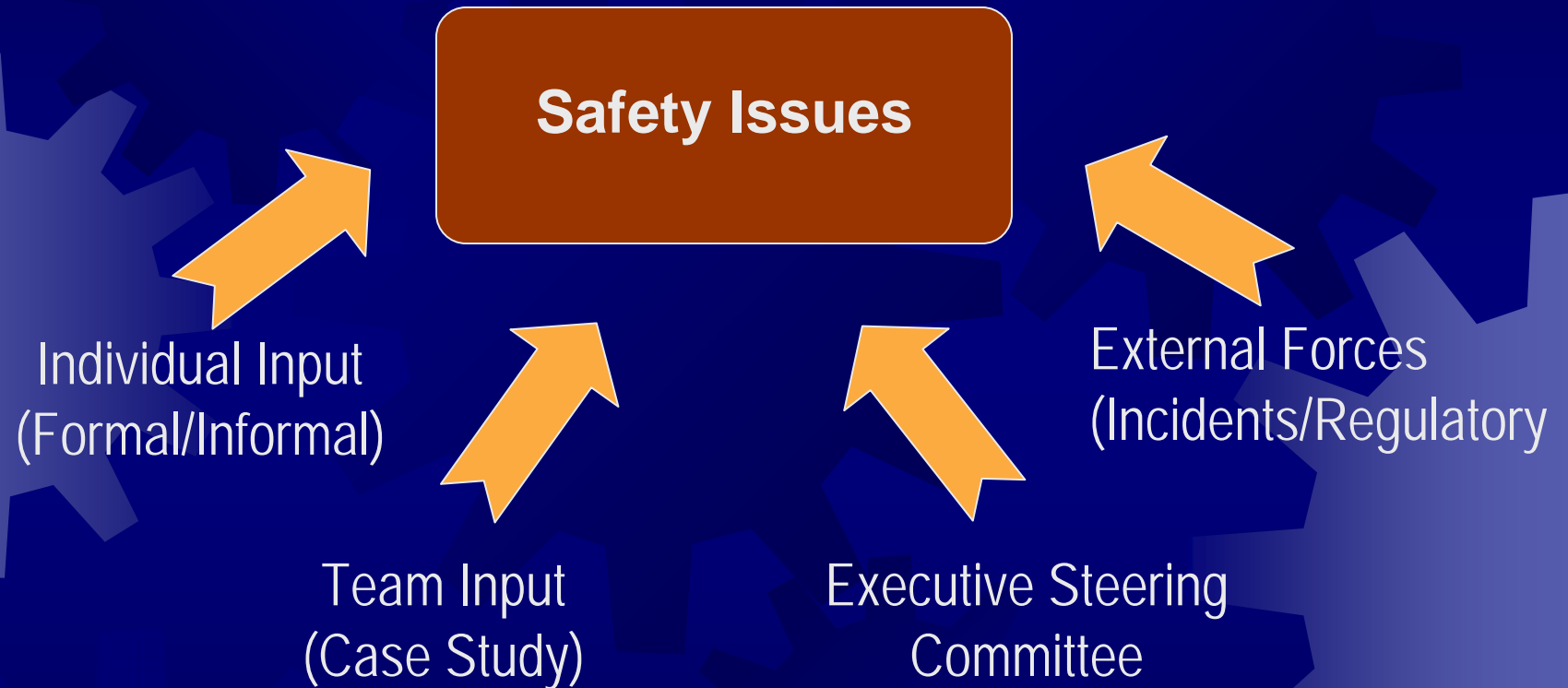
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Role related to safety management and issues



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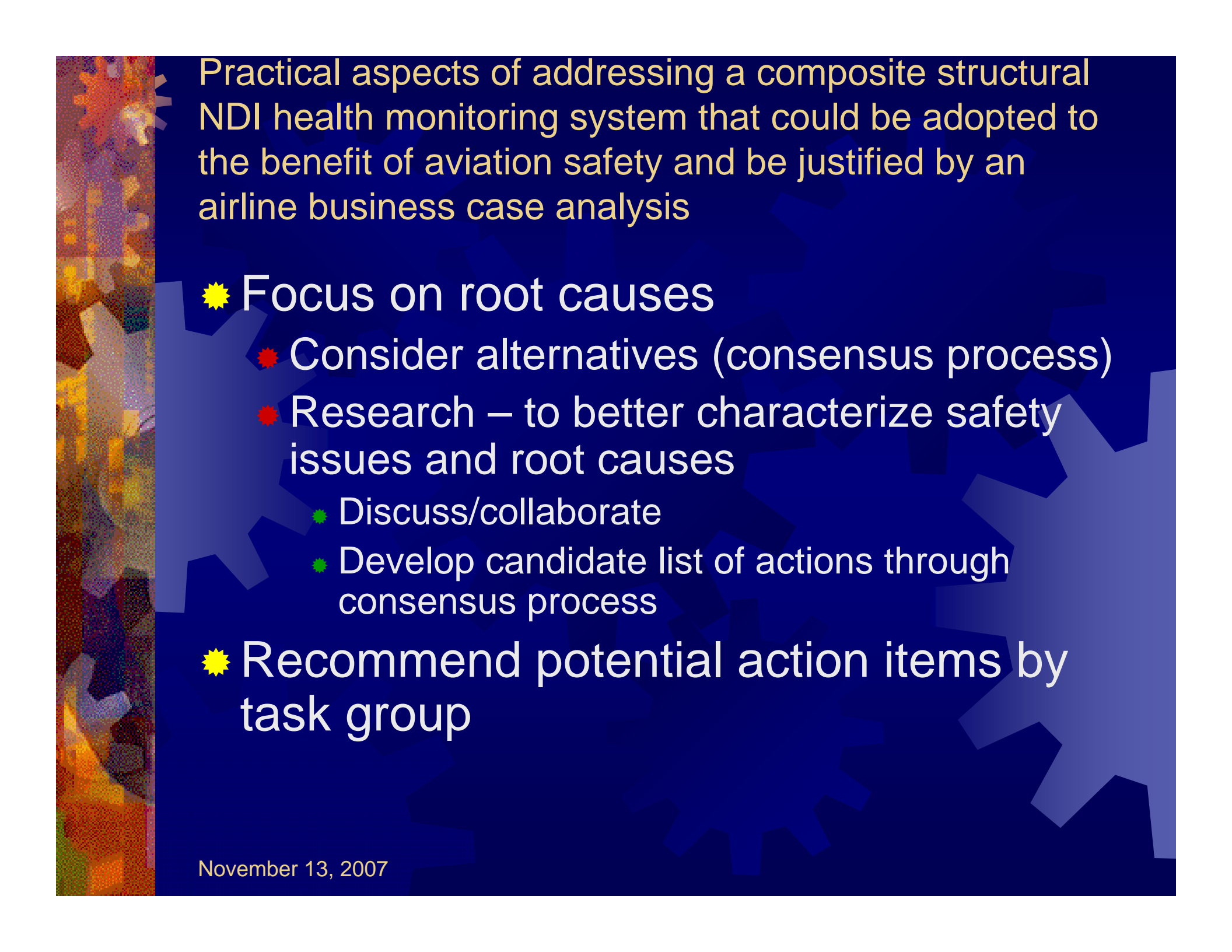
SMTG Acts as Focal Point to Increase Communication of Issues



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SMTG Facilitates Processes

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Practical aspects of addressing a composite structural NDI health monitoring system that could be adopted to the benefit of aviation safety and be justified by an airline business case analysis

- ☀ Focus on root causes

- Consider alternatives (consensus process)
- Research – to better characterize safety issues and root causes
 - Discuss/collaborate
 - Develop candidate list of actions through consensus process

- ☀ Recommend potential action items by task group



Issue: Potential Use of SRM repair procedures outside of approved repair envelope

- ☀ Focus on root causes

- ☀ Consider alternatives (consensus process)
- ☀ Research – to better characterize safety issues and root causes
 - Discuss/collaborate
 - Develop candidate list of actions through consensus process

- ☀ Recommend potential action items by task group



Potential for inconsistent application of NDI

processes (e.g. Manufacturing vs. Repair; Large vs. Remote MRO)

☀ Focus on root causes

- ☀ Consider alternatives (consensus process)
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