Fatigue Management Seminar

FAR 117 Fitness for Duty and Responsibilities
January 22–23, 2020
McLean, Va.
Fitness For Duty: What Does it mean?

Capt. Jim Mangie
Delta Air Lines
Scientific principles and knowledge

- The need for adequate sleep
- Sleep loss and recovery
- Circadian effects on sleep and performance;
- The contribution of workload
- The operational and organisational context
Facts

• Company responsibility: schedule adequate rest
• Pilot responsibility: use scheduled rest time to prepare for upcoming duty
• Not good enough to just fly to the numbers any more. Must manage fatigue risk to acceptable level under SMS
Do our actions match the intent?

• We’re all doing a pretty good job, but………………
Do our actions match the intent?

Carrier

- Optimized rotations
- Short haul flying
- Red eye flying
- Staffing
- Augmentation
- Reroutes
- Culture around making the hard call
Do our actions match the intent?

Pilots

• Deviation from deadhead/fake deadheads
• Commuting- what is ok and what isn’t
• Bidding/swaps
• On-board rest- it ain’t the Ritz
• Premium pay
• Likes vs. safety and responsibility
• Making the hard call
Do our actions match the intent?

**Joint**

- Contract negotiations - balance of safety and efficiency
- FSAG/Scheduling - safety vs. industrial
- Use of data to drive outcomes
- Use of all available information to fix problems
- Information to pilots to support “hard call” decision making process
Thanks for your attention