

Management of Human Factors Risk in Safety Critical Industries

Workshop 3 Feedback Fatigue Management Issues – Regulatory Standards and Compliance

Team Leader – Derek Brown (UK CAA)

- Review of current CAA Flight Time Limitation provisions and their historical development on a prescriptive basis.
- The need for a more operationally flexible process of Fatigue management based on a Fatigue Risk Management Systems approach (FRMS) identified, along with the results of initial trials.
- Some questions as to the robustness of Fatigue Evaluation models and whether results are definitive. Acceptance that the spread of results in an actual population means the outcomes are indicative and are best used for overall planning purposes within a comprehensive FRMS.
- Significant Fatigue Issues can arise from pressures on Crew Rostering practices through pilot shortages and creative rostering to “legal “ limitations.
- The need for selective application since a participative approach to FRMS was required and was also contingent upon the appropriate level of organisational infrastructure in order to deal with complex data management issues.
- Existing Industrial issues surrounding the building of rosters may require the acceptance of alternative and more egalitarian roster patterns based on a continuous improvement approach by all players.