Flight Rules

Critical Readiness Review

Increment 23/24

4 February 2010

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### Increment 23/24 CRR: Flight Rules

#### Medical Operations

**Presenter:** SD24 / Kim, Knudsen, Rice  
**Date:** 2/4/2010

<table>
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<th>Rule</th>
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| **B13-152 Acoustic Constraints** | Updated in 20A & 19A Annexes to incorporate T2 acoustic NCR  
- May not be necessary following SLM data take (occurred earlier this week)  
- Rule will be updated generically once Acoustic Working Group updates are vetted (will probably take longer than the SLM measurement) |
| **B13-113 IFM/Corrective Action Prioritization Due to Loss of Exercise Capability** | Updates for prime and backup hardware for RS and USOS crew and updates definitions per GGR&C  
- Negotiations with the Program over the use of IRED |
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• B13-116 Constraints on Treadmill VIS Failure
  - Updated to require a contingency flight equipment hazard assessment before the bungee cords could be used to isolate a TVIS corner, in the event of a wire rope failure & no spares on board

• B13-201 Medical Management of ISS Fire/Smoke Response
  - Update in work: current draft rule to be reviewed at Air Quality Subgroup (AQS) TIM NET April.
    • Paragraph A: keep CSA-CP measurement requirement
    • Paragraph B: Half Mask donning requirement to be updated
Increment 23/24 CRR: Flight Rules

- ARED and T2 Exercise constraints Flight rules (flight and stage specific)
  - Protects hardware, station and crew
  - Published in 20A and 19A Annexes
  - Generic updates no longer expected for Volume C
  - New constraint for the move to Node 3: ISS reboost
  - Generic update for Volume B is TBD
    - Awaiting further generic updates prior to implementation in generic book
- FYI: B14 FR to be updated with requirement to sample crew sleep locations prior to receiving a “recommendation” from SRAG on where to sleep.