

INTEGRAL
Operations Coordination Meeting

ESAC
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IREM IASW Patch

Presented by: M. Schmidt (ESOC – OPS/OFI)

Background

→ 28 IREM SEU's since Launch

Recovery Procedure:

1. Identification of SEU → instrument recovery (OMC & IBIS)
2. Dumping of register bank
3. Reset of IREM status
4. Implement IREM Patch (counters rescaling factors)

Proposed Modification

→ Uplink Patch in a more automated manner
using CEV instead of manual check

For all 19 TC's the CEV will be run in a window of 32 sec
19 TC's sent in automatic mode with a release time of 16 sec

Test on Satellite necessary
because Simulator is not sufficiently representative