

Recent Radiation Monitoring Results from Expedition 10, 11 and STS-114

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Radiation Measurements were conducted at twenty-two separate locations on the International Space Station during the Expedition 10 and 11 with a combination of passive thermoluminescent detectors (TLDs) and an active tissue equivalent proportional counter (TEPC). Results from these measurements will be presented for of subset of the measurement locations. In addition to the TEPC and TLDs, NASA-SRAG is now using CR-39 and Optically Stimulated Luminescence (OSL) detectors in operational radiation measurements for all ISS and Shuttle missions. This presentation will also discuss the LET calibration of our first flight batch of CR-39 detectors and present the first results obtained during STS-114.