Observation Patterns



- Concern about usage of patterns other than 5×5, especially the Hex pattern. Systematics in deep ISGRI mosaics, energy calibration for SPI?
- <u>But</u> some scientific goals for Compact Objects and AGN require complementary coverage by monitors ⇒ astronomers request and TAC grants some time in Hex, which is currently <u>the only</u> <u>defined option maintining source in monitor FOV</u>.
- Significant time (usually larger than Hex) also spent in non-5×5 grids (GCDE, Cygnus KP, Scutum/Norma) and various scans.
- Questions for next AO's:
 - Are there other patterns 'less bad' than Hex but keeping monitor coverage? What about, e.g., 3×3?
 - Is significant fraction of scans an issue?

IUG Meeting #07, ESTEC, 21+22 April 2009 — ISOC Status

Peter Kretschmar

Pattern Usage Relative Share of Patterns ■ 5*5 ■ Hex ■ Staring — Oth. Raster ■ Scans etc 100% 80% 70% 50% 40% 10% AO-2 AO-1 AO-3 AO-4 AO-6 AO-7 **Observing Cycle** IUG Meeting #07, ESTEC, 21+22 April 2009 — ISOC Status Peter Kretschmar