

XMM-Newton CCF Release Note

XMM-CCF-REL-93

EPIC MOS HK GTI Selection

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1 CCF components

Name of CCF	VALDATE	List of Blocks changed	CAL VERSION	XSCS flag
EMOS1_HKPARMINT_0007.CCF	1999-12-10	HKPARMINT		NO
EMOS2_HKPARMINT_0007.CCF	1999-12-10	HKPARMINT		NO

2 Changes

Closes SPR 2179. It sometimes occurs that the HK screening in the pipeline rejects valid time intervals. The counting mode values in the HK sometimes remain stuck at large values even after the counting mode is over. Such counting mode intervals do not result in scientific data anyway, and appear as missing frames, the CCD-specific Good Time Intervals generated by *emframes* do not include the counting mode spells. The HK GTIs are redundant in that respect.

The associated HK checks have been removed altogether.

3 Scientific Impact of this Update

Needed to operate correctly the GTI selection functionality