

# XMM-Newton CCF Release Note

XMM-CCF-REL-33

## RGS CCD Darkframe

C. Erd

October 31, 2000

### 1 CCF components

Name of CCF	VALDATE	List of Blocks changed	CAL VERSION	XSCS flag
RGS1_DARKFRAME_0004	1998-01-01T00:00:00	DARKFRAME	—	NO
RGS2_DARKFRAME_0004	1998-01-01T00:00:00	DARKFRAME	—	NO

### 2 Changes

The column  $A_2$  did not have a proper Hex zero value. This caused problems when reading with the SAS/DAL (SPR 1671). The identical values as issue 3 were uploaded, with this problem fixed.

### 3 Scientific Impact of this Update

None.

### 4 Estimated Scientific Quality

See comments with previous release.