XMM-Newton CCF Release Note

XMM-CCF-REL-64

EPIC MOS ASTROMETRY

D Lumb

February 19, 2001

1 CCF components

Name of CCF	VALDATE	List of Blocks changed	CAL VERSION	XSCS flag
EMOS1_LINCOORD_0015	2000-01-01T00:00:00	FOV		NO
EMOS2_LINCOORD_0015	2000-01-01T00:00:00	FOV		NO

2 Changes

It was noted by colleagues in SACLAY that some bad columns were represented in the FOV extension rather than the badpix file. The whole sets was re-cast, using the compilation of diffuse X-ray data sets to "self-define" the location of filterwheel edges and shadows cast from one CCD onto another (see figures). Minor typographical change also in the generation script to account for changes in *deceit* functionality with string expressions

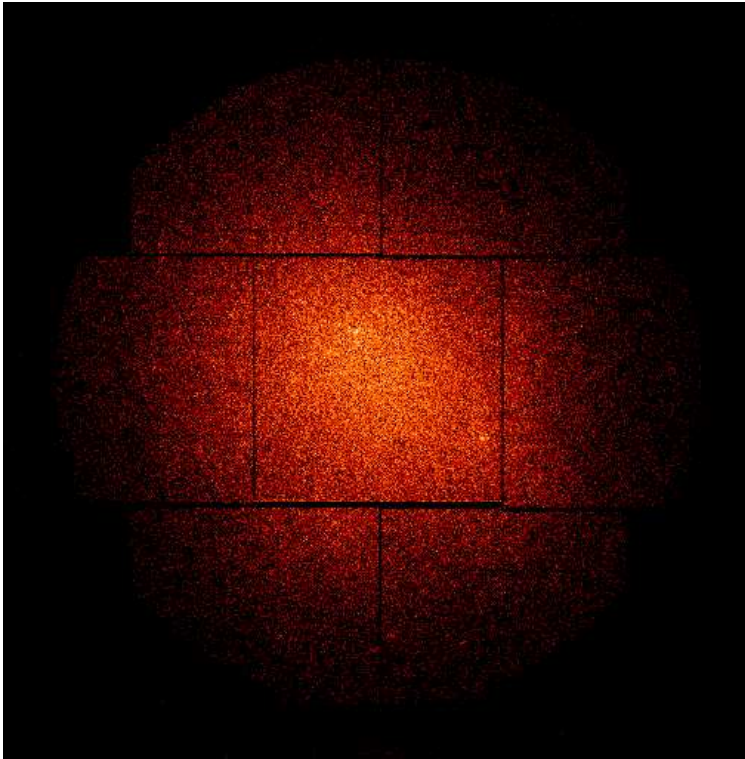## 3 Scientific Impact of this Update

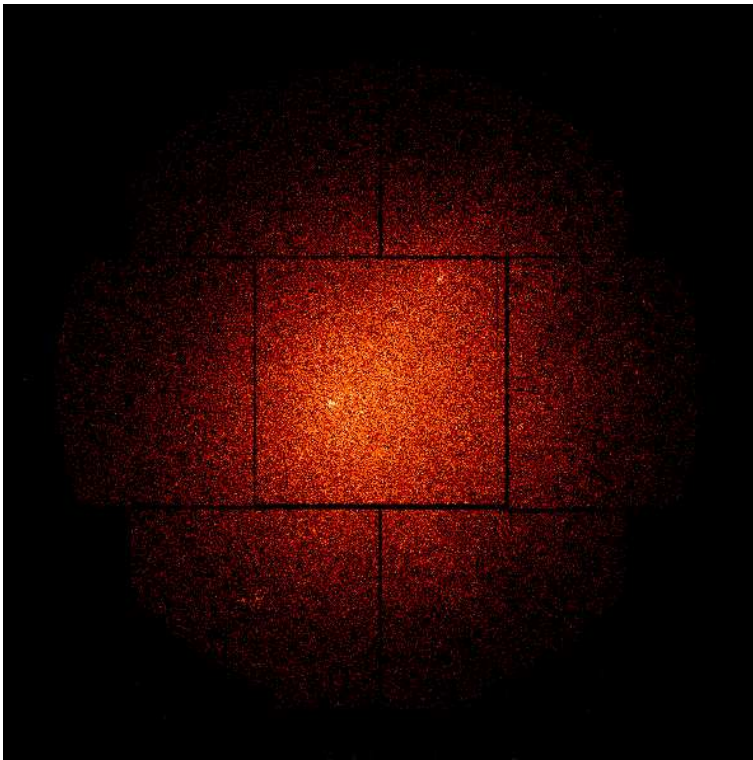Necessary for correct implementation

Figure 1: MOS 1 Camera -detX/detY co-ordinates image of summed diffuse X-ray sources

4   Estimated Scientific Quality

5   Expected Updates

LINCOORD may be updated with better knwoledge of outer MOS CCD positions
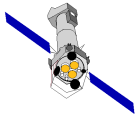
6   Acknowledgements

Figure 2: MOS 2 Camera -detX/detY co-ordinates image of summed diffuse X-ray sources
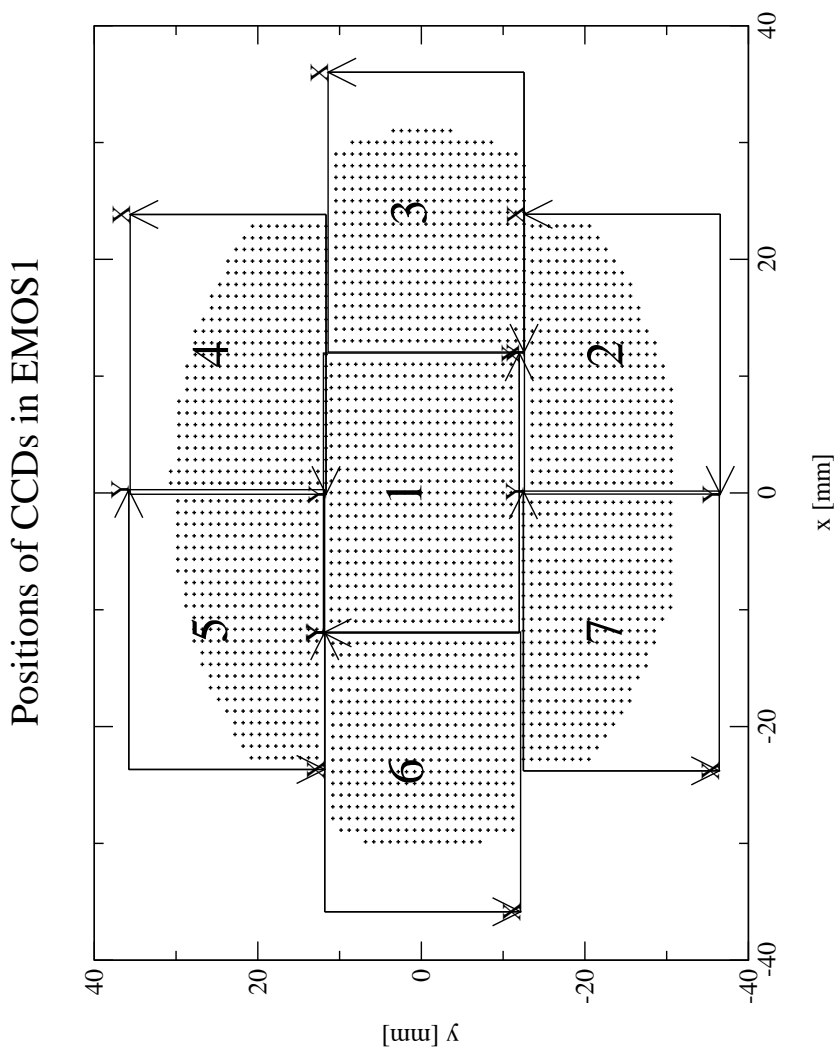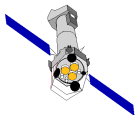
Positions of CCDs in EMOS1

Figure 3: MOS 1 Camera - output of *calview* visualisation of the field of view co-ordiantes