

# XMM-Newton CCF Release Note

XMM-CCF-REL-19

## OM BAD PIXEL

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### 1 CCF components

| Name of CCF    | VALDATE             | List of Blocks changed | CAL VERSION | XSCS flag |
|----------------|---------------------|------------------------|-------------|-----------|
| OM_BADPIX_0002 | 2000-01-01T00:00:00 | BADPIX                 |             | Yes       |

### 2 Changes

First release

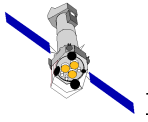
The CCF file *badpix* lists detector pixels which show a non-nominal behaviour. Currently the areas showing edge emission (based on CSL data) and the six dim spots (based on inflight flatfields) are included.

We expected the *om\_badpix* file to be updated, once tim16 data (both darks and flats) in the accurate acquisition mode and more fullframe darks and flats (with correct LED setting) become available and are analysed.

The file describes the redundant OM detector chain.

### 3 Scientific Impact of this Update

First release



## 4 Estimated Scientific Quality

The sensitivity values associated with the badpixel are suitable for a rough quality flag but probably not yet good enough for accurate correction. The safe approach is to exclude the listed bad pixels from the analysis.

## 5 Acknowledgements

Thanks to OM team members, especially Bob Shirey (UCSB) for providing the input.