



# PACS Newsletter

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## The PACS Picture of the Week

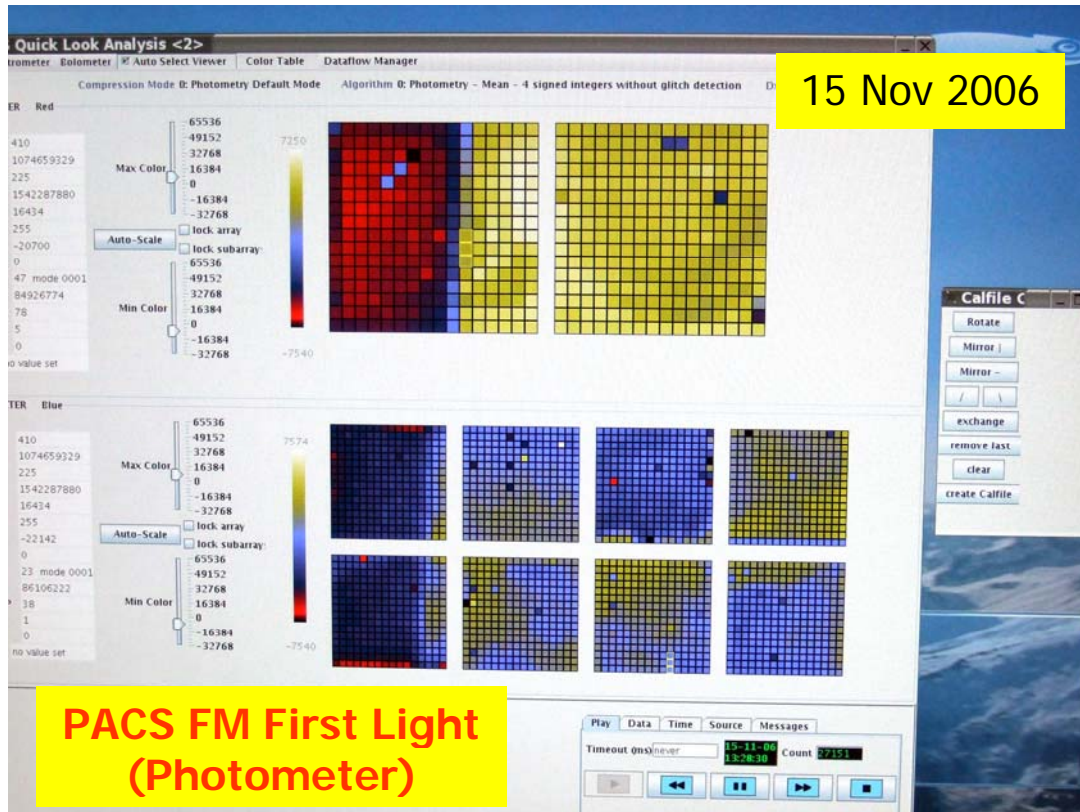


Fig. 1: The PACS FM has seen first (technical) light on the photometers on Wednesday, November 15, 2006. This was a scan of the FOV with the chopper. You can see the edge between the cold “sky” field (cold OGSE BB), and one of the warm PACS calibration sources in the left parts of the red (top) and blue (bottom) photometer arrays (QLA screen shot).

## Status

We have had a successful third week of FM ILT, continuing (mainly) the bolometer tests. On Wednesday, November 15, **first light** was achieved (see figure 1)! Besides this Field of View Scan, tests included the Short Functional Test Cold (HeII), cooler recycling, thermal behaviour tests, and many tests to characterise and adjust chopper, grating, calibration sources, etc., including OGSE and x-y stage. All of this went quite well.

The good news of today is: **the Cooler hold time is within specs (48 hours < 300mK)**. For some components we need to understand better the behaviour and improve the performance,

but we are confident that this will be possible. We are also confident that we will have first light on the spectrometers by the end of today (Friday).



Fig. 2: The first light event



Fig. 3: Scenes from the first light celebration



*Fig.4: Impressions from the ILT*

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