CONCLUSIONS FROM THE LEVEL 1b CAL/VAL WORKSHOPS

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Based on the discussion during the three workshops and the information given by ESA the following conclusions can be drawn:

- The participants expect to be able to identify serious instrument, calibration and processing issues within the period of the commissioning phase by using existing or to be developed tools. Due to an overlap between tools developed by ESA/industry and proposed algorithms a complete list cannot be made right now. As soon as more information about the cal/val strategy of the Agency is available it is possible to identify activities valuable for the commissioning phase.

  Verification of the complete fulfillment of the mission requirements will only be possible after the availability of at least one year of measurements. This applies in particular to the verification of the accuracy of the magnetic vector components, which depends on the stability of the alignment between the star camera and the vector magnetometer. It is therefore recommended to continue certain Cal/Val activities into the operational phase of the mission.

- It is suggested that the full set of data products (i.e. L0, L1 and – if available – L2) is distributed to selected cal/val teams during commissioning and operational phase, and that information on the contents of these products is provided to allow the users to prepare for these activities.