July 2012 Release

# Abstract

To coincide with the completion of the Warrawal Major design review in June/July 2012, BLUEsat will perform an internal ‘release’ whereby major functions of the satellite will be presented and demonstrated to the project and its stakeholders. This release is to occur on July 9th 2012 and will demonstrate the complete satellite bus with the final physical design in first revision.

# Scope

The scope of this document is to specify the Release goals. These goals have been planned with consideration of the Gantt chart and expectations of what will be required by the Critical Design review in June/July of 2012.

# Release Goals

1. FLATsat will be fully electrically functional and powered from batteries.
2. Entire Communications system, including telemetry broadcast and telecommand reception will be automated via the Critical Systems Computer
3. Battery Charge Regulation to occur successfully via simulated solar panels
4. All other software required for the Satellite bus to be functional and complete
5. First revision of Tray 2 integration PCB complete.