

## 20-06-2020

- Initial release

## 28-06-2020 (17:00)

- Introduction
  - Added report structure description, minor grammar/wording changes, expanded slightly
- Background
  - Added new subsection with telemetry basics, describing a lot of the normal flow and processing of telemetry data
  - Added more info to HYPSON section, plus new more descriptive images
  - Added new images and expanded details about Open MCT
- Problem and scope
  - Grammar cleanup, added note about where test telemetry data comes from before launch in Q4 2020
  - Added note about HYPSON satellite not having continuous contact with ground station
  - Added note about why HYPSON would like to add more data sources to Open MCT at a later time, explaining why it needs to be taken into consideration during implementation
  - Added more information about what the system output needs to look like, and example telemetry output
  - Changed numbering of requirements, moved two misplaced requirements to functional requirements
- Design and implementation
  - Named the version of the design in this section as version 0
  - Named the system to be implemented MCT Depot, to make it easier to refer to and define - had a lot of back-and-forth about which implementation/system/module was being covered in the previous version of the report
  - Added new diagram showing overview of inputs and outputs to MCT Depot
  - Changed existing diagrams to refer to new name
- Results and discussion
  - Changes to account for system getting a name
  - Changed class diagram captions to explicitly refer to version 1.0
  - Added note about COVID-19 pandemic making lab access difficult hindering parts of the system from being done and tested properly
  - Added more information about the process of implementing the plugins and servers for Open MCT
- Conclusion
  - Expanded slightly, added conclusion for the implementation and design process and not just results

- Future work
  - Added note about writing documentation for using Open MCT

## 28-06-2020 (22:00)

- Added system name to title
- Moved source references inside sentences instead of after
- Removed background from code name references
- Changed all references to “Depot” to “MCT Depot” to avoid confusion - depot is a noun, MCT Depot is the actual name
- Introduction
  - Added note introducing the system that was implemented and its name, explains that it is the main product of the project assignment
  - Updated telemetry data flow image to say “MCT Depot” instead of confusing term “Open MCT server”
- Results and discussion
  - Added note explaining why before/after performance figures did not show up

## 30-06-2020 (19:30)

- Abstract
  - Updated to include the MCT Depot name, first sentence rewritten slightly to clarify the role of Open MCT
- Results and discussion
  - Added note about document in appendix C being written for the HYPSON mission CDR and HYPSON operations PDR, added PDR and CDR to term list
  - Slightly expanded Open MCT demo view figure caption
- Conclusion
  - Added note about what MCT Depot contributes to the project, how it makes working with telemetry easier
- Future work
  - Added new section about possible extensions in scale and application of MCT Depot