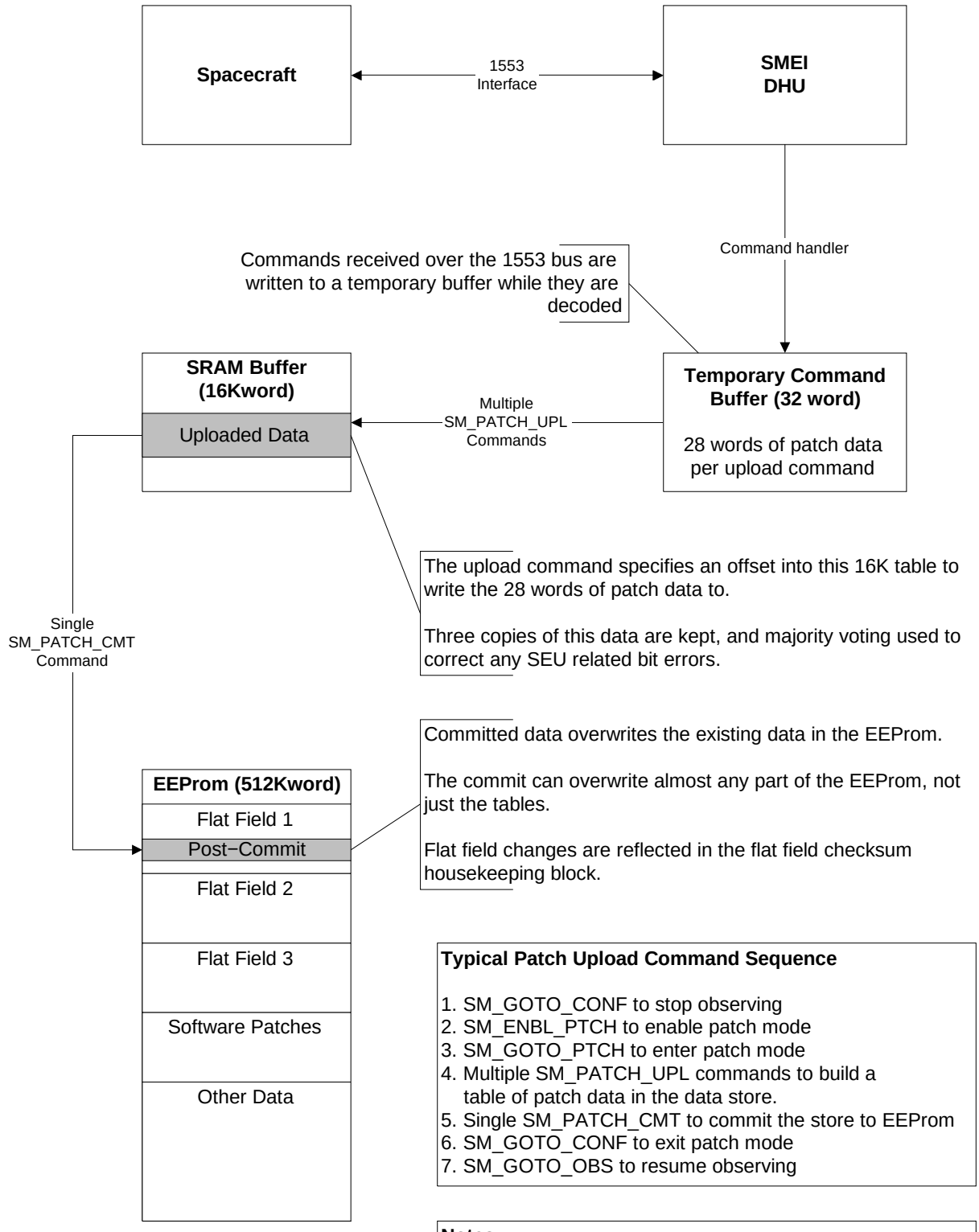
Generalized EEProm Patching Flowchart



Typical Patch Upload Command Sequence

1. SM_GOTO_CONF to stop observing
2. SM_ENBL_PTCH to enable patch mode
3. SM_GOTO_PTCH to enter patch mode
4. Multiple SM_PATCH_UPL commands to build a table of patch data in the data store.
5. Single SM_PATCH_CMT to commit the store to EEProm
6. SM_GOTO_CONF to exit patch mode
7. SM_GOTO_OBS to resume observing

Notes

SMEI science data stream is filled with telemetry in patch mode, as there is no science data. This telemetry is mostly memory dump, and can be used to verify the SRAM and EEProm.

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