

The abstract is here:

EDS is computer-readable replacement (or supplement) to the current printable documents used to manage the interfaces to and from onboard electronic devices. SOIS EDS is the CCSDS standard for such datasheets. Following feedback from various study projects and operational users, an updated version of the standard has been developed. As is the usual CCSDS process for normative standards, this requires interoperability testing between two independent implementations. SOES EDS Common Tooling is the ESA-owned open source EDS toolkit. Under the scope of this study, this was updated to incorporate the standard updates and then used to run the updated interoperability tests against the NASA-owned toolset.