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Support and Maintenance Requirements and Cost Modelling

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A methodology is introduced to derive support and maintenance requirements for the SKA telescope system. These requirements are used to develop operational, support and maintenance models for SKA construction and operational phases, and can be used in design decision making. The models are optimised for a variety of scientific and cost metrics that will be introduced, and result in an operational cost profile for the SKA system that meets availability requirements, as a function of the input science case.

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