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DESIGN ON EXPERIMENT SUPPORT ONBOARD MANNED SPACE STATION

**Abstract**

According to the mission, function and target of China space station system, based on study on the improvement of space station technology abroad the requirement of experimental missions conducted on China space station are analyzed. Meanwhile, schemes for these experiments, as well as main mechanical, electronic and thermal capabilities are proposed. Finally, conception of international cooperation and outlooks of the onboard experiment technical improvement in the future is proposed.