



ESA Lunar Polar Lander Study

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We present the results of a study for a lunar polar lander conducted at ESA CDF Concurrent Design Facility until December 2005. The goal is to demonstrate lunar landing, survival and exploration technologies for the future, geochemical studies of the poles, and search for ice in permanent shadows. We describe the top objectives, mission analysis, design and associated lander and rover. We also describe the possible payload complement in discussion with the community.