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### THE PIGGYBACK PROGRAM OF 4M/LM-3C

#### **Abstract**

The piggyback flight of 4M has been fulfilled by placing the LuxSpace 4M spacecraft attached to LM-3C's 3rd stage(as 4M will not be separated from the LV )into an orbit defined by the main mission(a Lunar Transfer Orbit). The flight was very successful in Oct,2014. This paper introduces the scheme of 4M flight project.