

SPACE PROPULSION SYMPOSIUM (C4)
Propulsion System (1) (1)

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PERFORMANCE ANALYSES FOR PROPULSION SYSTEM OF CE-2 SATELLITE WITH THE
EXTRA MISSIONS

Abstract

CE-2 Satellite has completed all the extra missions after the main mission, and met with photos of the NO.4179 planetoid. In this paper, based on the requirement of the CE-2 extra missions, the key technologies of the propulsion system's development are introduced. It is analyzed how the propulsion system supported the CE-2 extra missions in several important functions, including long life of the gas section and the 490N Engine, the precision gauging of the orbit maneuver force and the remaining propellants.