



SPACELOGISTICS
A Northrop Grumman Company



MISSION EXTENSION POD (MEP)

Affordable, Low-Risk Life-Extension Solution for Geostationary (GEO) Satellites

Sold as a product, the MEP is a small, customer-owned, customer-controlled propulsion augmentation device that is installed by the SpaceLogistics Mission Robotic Vehicle (MRV) on a client satellite already on-orbit and running low on fuel.

Once installed, the MEP uses electric propulsion to provide orbit control and momentum unloading for a client satellite. The MEP is controlled by the customer via a self-contained C- or Ku-band telemetry and command system, and capable of providing six years of life extension for a typical 2,000 kg satellite in GEO.

The MEP continues SpaceLogistics' "keep it simple" strategy for delivering on-orbit servicing, providing a solution that does not involve high-risk fuel transfer or robotic surgery on satellites not prepared for refueling.

About SpaceLogistics

SpaceLogistics, a Northrop Grumman company, is the global leader in the development and deployment of on-orbit satellite servicing systems and the first and only company performing on-orbit servicing for commercial GEO satellites. Our planned series of vehicles will extend service life, provide enhanced capabilities and enable future missions for a variety of customers.

Features:

- Provides six years life extension for a 2,000 kg satellite
- Low-risk installation and operation
- Simple mechanical interface with client satellite
- Xenon propulsion module
- Self-contained telemetry and commanding
- Removable and relocatable

Pioneering the Future of Space

Business Contact

Joe Anderson

Vice President, Business Development & Operations
(703) 948-8347 / joseph.anderson@ngc.com



SPACELOGISTICS
A Northrop Grumman Company

spacelogistics.com