

Appendix L: List of Acronyms

ACE - Advanced Composition Explorer (satellite)
BDDII – Burst Detector Dosimeter II
CAMMICE – Charge and Mass Magnetospheric Ion Composition Experiment
CEASE – Compact Environment Anomaly Sensor
CPME - Charged Particle Measurement Experiment
CRRES – Combined Radiation and Release Experiment (satellite)
DEMETER - Detection of Electro-Magnetic Emissions Transmitted from Earthquake Regions (satellite)
Dos – Dosimeter
EPAM - Electron, Proton, and Alpha Monitor
GPS – Global Positioning System (satellite)
HEEF – High Energy Electron Fluxmeter
HEO-F1 – Highly Elliptical Orbit – Flight 1 (satellite)
HEO-F3 – Highly Elliptical Orbit – Flight 3 (satellite)
HISTe – High Sensitivity Telescope – electrons
HISTp – High Sensitivity Telescope – protons
HYDRA – Hot Plasma Analyzer
ICO – Intermediate Circular Orbit (satellite)
IDP - Instrument for Particle Detection
IPS – Imaging Proton Spectrometer
LANL-GEO – Los Alamos National Laboratory – Geosynchronous (satellite)
MEA – Medium Energy Analyzer
MICS – Magnetospheric Ion Composition Sensor
MPA - Magnetospheric Plasma Analyzer
PET – Proton/Electron Telescope
PROTEL – Proton Telescope
SAMPEX – Solar Anomalous and Magnetospheric Particle Explorer (satellite)
SCATHA – Spacecraft Charging at High Altitudes (satellite)
SC3 – High Energy Particle Spectrometer
SEM - Space Environment Monitor
SOPA – Synchronous Orbit Particle Analyzer
Tel – Telescope
TIROS - Television Infrared Observation Satellite (satellite)
TSX5 – Tri-Services Experiment-5 (satellite)