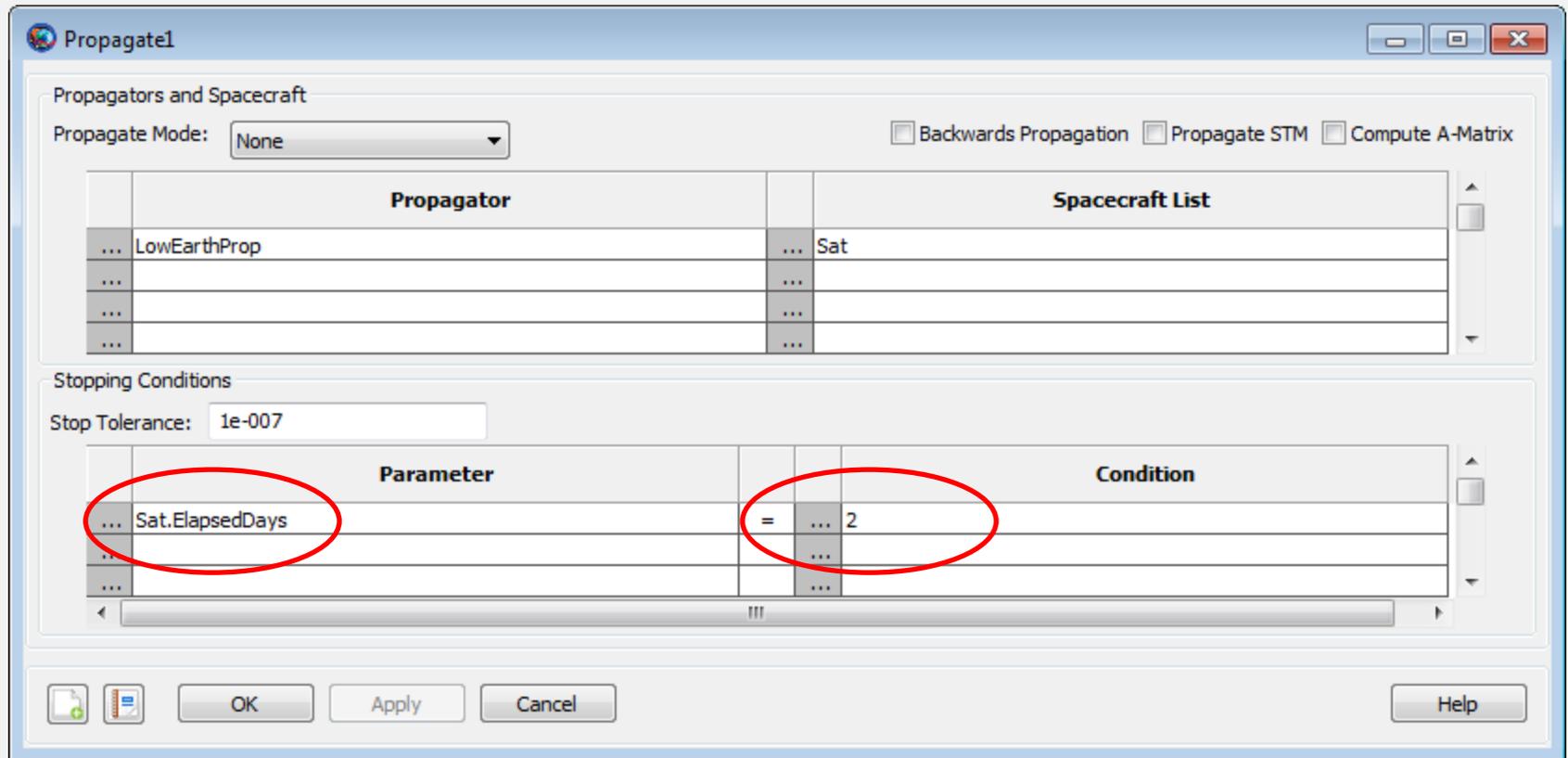general mission analysis tool

Simulating an Orbit (extra exercises)

GMAT Fundamentals
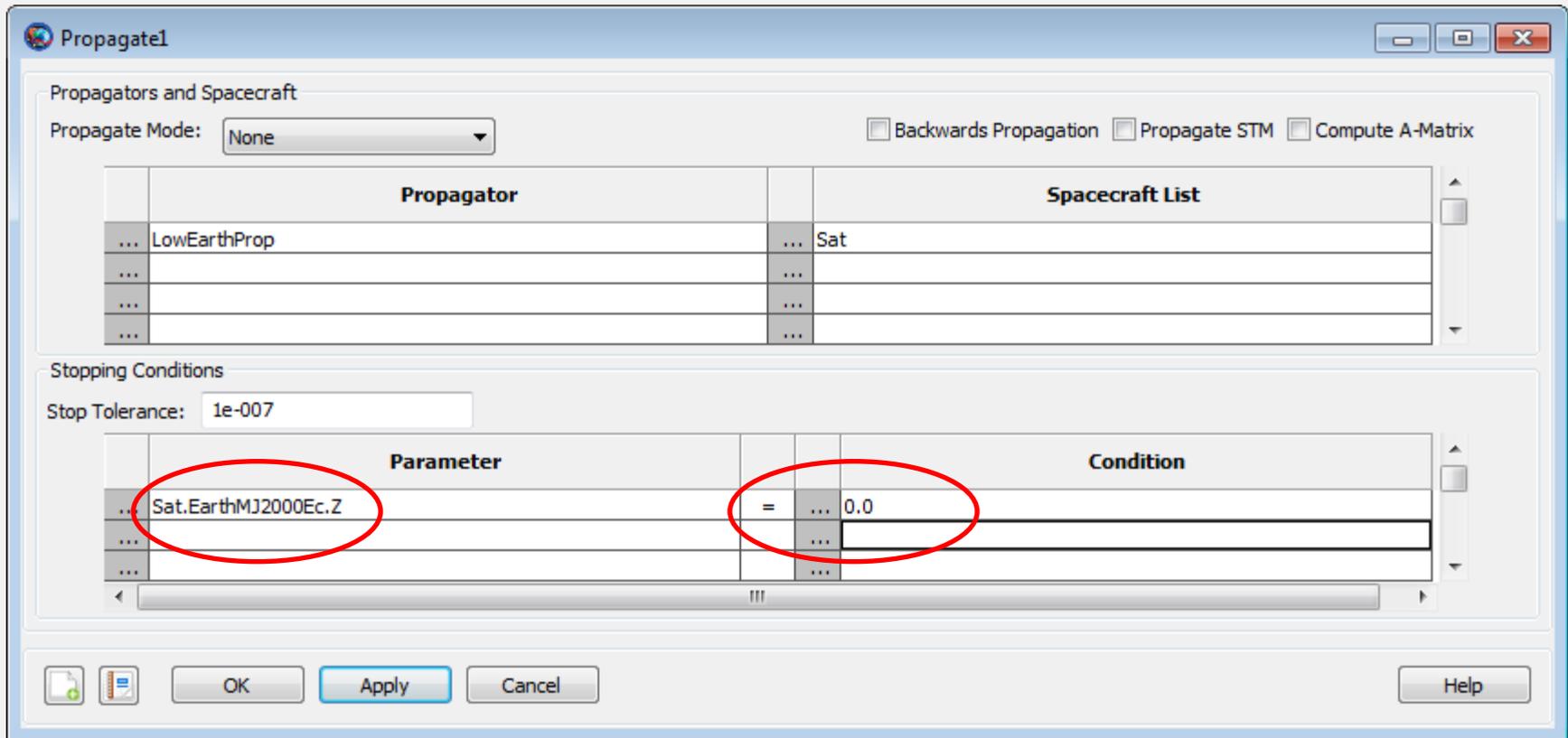Joel Parker
June 30, 2014

NASA Goddard Space Flight Center
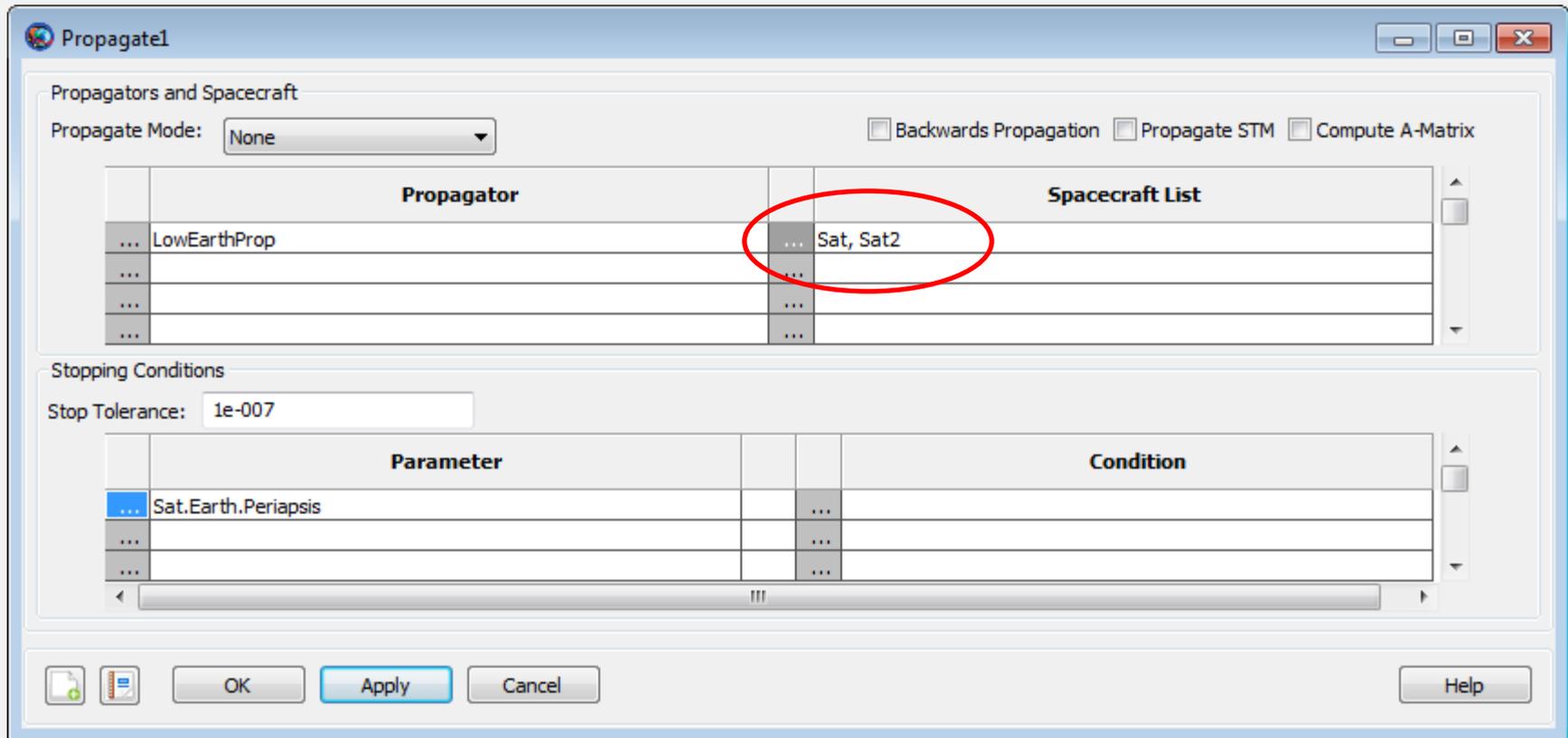
Propagate for Elapsed Days


```
Propagate LowEarthProp(Sat) {Sat.ElapsedDays = 2}
```

Propagate to Ecliptic XY Plane


```
Propagate LowEarthProp(Sat) {Sat.EarthMJ2000Ec.Z = 0.0}
```

Propagate Multiple Spacecraft

Propagate LowEarthProp(Sat, Sat2) {Sat.Earth.Periapsis}