## Manoeuvre rate of SWARM B type mission with new SSN for the epoch 2036 90 100 110 120 130 140 150 160 170 180 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.4 0.9 1.8 1.2 1.9 1.1 0.6 0.4 0.2 <del>-</del> 1.75 0.5 1.0 0.1 0.4 1.0 1.2 1.7 1.1 0.6 0.3 0.2 0.1 0.3 0.5 0.9 0.9 1.1 1.7 1.1 0.6 0.3 0.2 **-** 1.50 0.3 0.8 0.9 1.2 0.3 0.2 0.1 0.4 1.1 1.7 0.6 0001 0.0 0.2 0.5 1.0 1.0 1.3 1.7 1.3 0.7 0.4 0.2 0.2 0.9 0.0 0.5 0.9 1.1 1.5 1.2 0.7 0.3 0.2 1.25 0.1 0.3 0.3 0.7 0.7 1.0 1.2 0.6 0.3 0.2 1.6 CPL Inclination [°] 0.3 0.3 0.6 0.7 0.2 0.1 0.6 1.0 1.4 1.1 0.4 at A( 1.00 1.3 0.1 0.4 0.2 0.6 0.6 0.9 1.6 0.7 0.4 0.3 Manoeuvre rate 80 0.1 0.4 0.2 0.6 0.6 1.0 1.6 1.4 0.9 0.4 0.3 2 0.0 0.3 0.2 0.5 0.6 0.9 1.3 0.6 0.2 1.4 0.4 0.75 9 0.0 0.1 0.1 0.6 0.6 8.0 1.3 1.1 0.6 0.3 0.2 50 0.2 0.0 0.1 0.6 0.6 0.9 1.1 0.6 0.3 0.2 1.4 0.50 40 0.2 0.0 0.2 0.7 0.6 0.9 1.6 1.2 0.6 0.3 0.2 30 0.0 0.3 0.2 0.6 0.9 1.1 0.3 0.2 0.6 1.6 0.6 20 0.3 0.2 0.6 0.9 1.1 0.2 0.0 0.7 1.6 0.6 0.3 0.25 9 0.0 0.2 0.4 1.3 0.9 1.1 1.9 1.0 0.5 0.3 0.2

0.0

300

0.0

200

0

0.0

500

0.0

400

0.0

600

0.0

700

Altitude [km]

0.0

800

0.0

900

0.0

1000

0.0

1100

0.0

1200