Manoeuvre rate of SWARM B type mission with old SSN for the epoch 2022 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.1 0.6 1.2 1.3 1.8 2.6 1.1 0.5 0.3 0.2 - 2.5 8.0 1.1 0.2 0.0 0.1 0.4 1.6 2.3 1.3 0.5 0.3 0.0 0.1 0.4 0.7 1.1 1.5 2.0 1.2 0.5 0.3 0.2 0.0 0.0 8.0 1.0 0.6 0.3 0.2 0.4 1.4 1.9 1.3 0.0 0.1 0.4 1.0 1.0 1.4 1.8 1.4 0.6 0.3 0.2 2.0

90 100 110 120 130 140 150 160 170 180 0.1 0.3 0.9 0.2 0.0 1.0 1.3 1.9 1.4 0.6 0.3 0.0 0.1 0.3 8.0 0.9 1.3 1.8 1.3 0.5 0.3 0.2 Inclination [°] 0.1 0.3 8.0 8.0 1.2 0.5 0.3 0.2 0.0 1.9 1.3 0.3 0.0 0.1 0.3 8.0 8.0 1.3 2.0 1.5 0.5 0.3 0.0 0.0 0.3 0.8 0.8 1.3 2.2 1.5 0.6 0.3 0.2 2 0.0 0.0 0.2 0.7 8.0 1.3 1.9 1.3 0.5 0.3 0.2

1.5 9 0.0 0.0 0.3 0.7 0.8 1.2 1.7 1.2 0.5 0.3 0.2 50 0.0 0.7 1.3 0.2 0.0 0.3 8.0 1.8 1.3 0.5 0.3 40 0.3 0.7 0.5 0.3 0.2 0.0 0.0 0.9 1.3 1.9 1.2 30 0.0 0.0 0.2 0.6 0.9 1.3 1.2 0.5 0.3 0.2 2.0 20 0.0 0.2 0.6 0.2 0.0 0.9 1.4 2.2 1.1 0.4 0.3

at ACPL

Manoeuvre rate 1.0 - 0.5 9 0.0 0.0 0.4 1.1 1.2 1.8 2.8 1.0 0.5 0.3 0.2 0.0 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0 200 300 400 500 600 700 800 900 1000 1100 1200 Altitude [km]