Manoeuvre rate of SWARM B type mission with old SSN for the reference epoch 2016 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.5 1.1 0.9 1.3 2.2 1.1 0.4 0.2

0.0

0.2

Manoeuvre rate at ACPL = 0.0001

0 170 180

0.0

0.0

200

300

400

500

600

_													
160	0.0	0.1	0.3	0.7	0.7	1.1	1.9	1.2	0.4	0.2	0.2		- 2.0
150	0.0	0.0	0.2	0.6	0.7	1.1	1.7	1.1	0.4	0.3	0.2		
[°] 00 110 120 130 140	0.0	0.0	0.3	0.7	0.7	1.0	1.6	1.1	0.4	0.3	0.2		
	0.0	0.0	0.3	0.8	8.0	1.1	1.6	1.2	0.4	0.3	0.2		3
	0.0	0.0	0.2	0.7	0.7	1.0	1.5	1.1	0.4	0.3	0.2		- 1.5 g
	0.0	0.0	0.2	0.6	0.7	1.1	1.6	1.1	0.4	0.3	0.2		-
	0.0	0.1	0.2	0.6	0.6	1.0	1.4	1.0	0.4	0.2	0.2		(
natio 90	0.0	0.0	0.2	0.6	0.6	0.9	1.5	1.1	0.5	0.3	0.2		-
Inclination 80 90 10	0.0	0.0	0.2	0.6	0.6	1.0	1.5	1.2	0.6	0.3	0.2		– 1.0
_													

2 0.0 0.2 0.0 0.4 0.6 1.0 1.4 1.1 0.4 0.3 0.2 9 0.0 0.0 0.1 0.4 0.5 0.9 1.4 1.0 0.4 0.2 0.2 50

0.0 0.0 0.1 0.5 0.5 0.9 1.0 0.4 0.3 0.2

۷,													
40	0.0	0.0	0.2	0.6	0.5	1.0	1.6	1.1	0.4	0.3	0.2		- 0.5
30	0.0	0.0	0.1	0.4	0.6	1.0	1.6	1.1	0.4	0.2	0.1		
20	0.0	0.0	0.1	0.5	0.5	1.0	1.8	1.1	0.4	0.2	0.2		
10	0.0	0.0	0.3	1.0	0.7	1.1	2.3	1.0	0.3	0.2	0.1		

0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0

800

900

1000

1100

1200

700

Altitude [km]