MSP 49.2 Draft plan, V.3 - 23/05/2023, 118-156% data volume, with average ~140% overall

Orbit	4SC	4SC D0	3SC D0	4SC BM (h)
	BM1 3h for C4-THEMIS conj at MP			
	BM1 2.5h for C4-MMS conj at MP			
	PV for northern AAR, alonside with BM2 0.7h on SC12 (single			
3642	SC operations)			5.8
	BM1 4h for triple conj at MP			
3643	PV for northern AAR			4
	BM2 2h for AKR with South Pole Station			
3644	BM1 1.5h for northern AAR			3.5
3645	PV for northern AAR			0
3646	BM1 1.8h for northern AAR			1.8
	BM2 2h for AKR with South Pole station			
3647	BM2 1.6h for northern AAR			3.6
	BM2 2h for AKR with South Pole station			
	BM1 2h for mutiple-mission tail conjunction			
3648	BM1 1.4h for northern AAR			5.4
0040	BM1 2h for multiple-mission tail conjunction			0
3649	PV for northern AAR			2
0050	BM2 3h for PSBL - Inbound			4
3650	BM2 1h for northern AAR (combined with PV) BM2 2h for AKR with South Pole station			4
	BM1 2h for multiple-mission tail conjunction			
3651	BM1 1.6h for northern AAR			5.6
	BM2 2h for AKR with South Pole station			
3652	BM1 1.3h for northern AAR, low latitude			3.3
	BM2 3h for PSBL - Inbound			
3653	PV for northern AAR			3
3654	BM2 1h for northern AAR (combined with PV)			1
	BM2 2h for AKR with South Pole station			
3655	BM1 1.6h for northern AAR			3.6
	BM2 2h for AKR with South Pole station			
3656	BM1 1.2h for northern AAR, low latitude			3.2
3657	BM1 1.8h for northern AAR, low latitude			1.8
	PV for northern AAR			
	BM2 0.95h for equatorial and southern dayside outer zone			
3658	chorus, start			0.9

BM2 0.8h for equatorial and southern dayside outer zone chorus, end BM2 2h for AKR with South Pole station 3659 BM1 1.4h for northern AAR 3660 PV for northern AAR 3670 BM1 1.8h for NS partial crossing BM1 1.8h for northern AAR 3681 BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 1.8h for equatorial and southern dayside outer zone chorus, end BM1 1h for C4-THEMIS conj in plasma sheet BM2 2.6h for equatorial and southern dayside outer zone chorus, end BM1 1h for C4-THEMIS conj in plasma sheet BM2 2.6h for equatorial and southern dayside outer zone chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for orthern AAR 3662 Southern dayside outer zone chorus, start 4.7 3670 BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 1.4h for C4-THEMIS conj in plasma sheet BM1 1.4h for northern AAR 3684 PV for northern AAR 4 4 3685 BM1 1.4h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1.5h for northern AAR (combined with PV) 7 3686 BM1 2.5h for equatorial and southern dayside outer zone chorus, end BM1 2.5h for C4-THEMIS conj in plasma sheet BM2 2.5sh for northern AAR combined with equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 1.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 1.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 1.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 1.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 1.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 1.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 1.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 1.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and B				
BM2 2h for AKR with South Pole station BM1 1.4h for northern AAR 3660 PV for northern AAR 3670 BM1 1.8h for NS partial crossing BM1 1.8h for northern AAR BM1 1.8h for equatorial and southern dayside outer zone chorus, start 6.4 BM2 1.5h for equatorial and southern dayside outer zone chorus, end BM1 1h for C4-MMS conj in plasma sheet BM2 2.6h for northern AAR combined with equatorial and 3682 southern dayside outer zone chorus, start BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 1.4h for northern AAR combined with equatorial and 3683 BM1 1.4h for northern AAR BM1 1.4h for C4-THEMIS conj in plasma sheet 3684 PV for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet 3685 BM2 1h for northern AAR (combined with PV) 7 BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with equatorial and 3666 BM2 1h for northern AAR combined with equatorial and 3667 BM1 1.7h for C4-THEMIS conj in plasma sheet BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM1 1.2h for C4-THEMIS conj in plasma sheet BM1 1.2h for northern AAR, low latitude 7.4 BM1 4h for C4-THEMIS conj in plasma sheet BM1 1.7h for C4-THEMIS conj in plasma sheet BM1 1.7h for C4-THEMIS conj in plasma sheet BM1 1.7h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 1.7h for northern AAR (combined with PV) and quatorial and southern dayside outer zone chorus, start BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 1.5h for northern AAR BM1 4.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 5.7h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 1.5h for northern AAR BM1 4.5h for C4-THEMIS conj in plasma sheet		BM2 0.8h for equatorial and southern dayside outer zone		
3659 BM1 1.4h for northern AAR		·		
BM1 4h for NS partial crossing BM1 1.8h for northern AAR BM2 0.6h for equatorial and southern dayside outer zone chorus, sart BM2 1.15h for equatorial and southern dayside outer zone chorus, end BM1 1h for C4-MMS conj in plasma sheet BM2 2.6h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 1.4h for northern AAR BM1 1.4h for northern AAR BM1 1.4h for C4-THEMIS conj in plasma sheet PV for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR (combined with PV) BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM2 1.5h for C4-THEMIS conj in plasma sheet BM1 2.5h for C4-THEMIS conj in plasma sheet BM1 1.7h for C4-THEMIS conj in plasma sheet BM1 1.7h for C4-THEMIS conj in plasma sheet BM1 2.6h for northern AAR (combined with PV) and equatorial and southern dayside outer zone chorus, start BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5.5h for C4-THEMIS conj in plasma sheet				
BM1 4h for NS partial crossing BM1 1.8h for northern AAR BM2 0.6h for equatorial and southern dayside outer zone chorus, start BM2 1.15h for equatorial and southern dayside outer zone chorus, end BM1 1 h for C4-MMS conj in plasma sheet BM2 2.6h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 1.4h for c4-THEMIS conj in plasma sheet BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 4h for NS partial crossing combined with C4-THEMIS conj in plasma sheet 3661 BM1 1.4h for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet 3662 BM2 1h for northern AAR (combined with PV) 7 BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with equatorial and 3666 southern dayside outer zone chorus, start 4.5 BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 1.2h for northern AAR, low latitude 7.4 BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.5h for c4-THEMIS conj in plasma sheet BM1 2.5h for equatorial and southern dayside outer zone chorus, end BM1 1.5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 5h for C4-THEMIS conj in plasma sheet BM1 1.5h for c4-THEMIS conj in plasma sheet	3659	BM1 1.4h for northern AAR		4.2
BM1 1.8h for northern AAR BM2 0.6h for equatorial and southern dayside outer zone chorus, start BM2 1.15h for equatorial and southern dayside outer zone chorus, end BM1 1.1h for C4-MMS conj in plasma sheet BM2 2.6h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 1.4h for northern AAR BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 4.5h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1.6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1.5h for c4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with PV) BM1 2h for C4-THEMIS conj in plasma sheet BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 1.5h for C4-THEMIS conj in plasma sheet BM2 1.5h for C4-THEMIS conj in plasma sheet BM3 2.5h for equatorial and southern dayside outer zone chorus, end BM1 2.5h for C4-THEMIS conj in plasma sheet BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.5h for C4-THEMIS conj in plasma sheet BM3 2.6h for northern AAR (combined with PV) and BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM3 5.6h for equatorial and southern dayside outer zone chorus, end BM3 5.h for C4-THEMIS conj in plasma sheet BM3 1.5h for C4-THEMIS conj in plasma sheet	3660	PV for northern AAR		0
BM2 0.6h for equatorial and southern dayside outer zone chorus, start BM2 1.15h for equatorial and southern dayside outer zone chorus, end BM1 1h for C4-MMS conj in plasma sheet BM2 2.6h for northern AAR combined with equatorial and southern dayside outer zone chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet BM4 0.6h for equatorial and southern dayside outer zone chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 1.4h for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1.5h for C4-THEMIS conj in plasma sheet BM2 1.5h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR (combined with PV) 7 BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 1.5h for C4-THEMIS conj in plasma sheet BM1 2.65h for equatorial and southern dayside outer zone chorus, end BM1 2.6 for northern AAR (combined with PV) and BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 5h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM3 5h for C4-THEMIS conj in plasma sheet BM3 1.5h for C4-THEMIS conj in plasma sheet BM3 1.5h for C4-THEMIS conj in plasma sheet BM3 1.5h for C4-THEMIS conj in plasma sheet		BM1 4h for NS partial crossing		
BM2 1.15h for equatorial and southern dayside outer zone chorus, end BM1 1h for C4-MMS conj in plasma sheet BM2 2.6h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 4h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM1 2h for C4-THEMIS conj in plasma sheet BM2 1h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 2h for northern AAR combined with PV) BM1 2h for C4-THEMIS conj in plasma sheet BM2 2h for cautorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM2 2h for orothern AAR combined with equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM1 2h for c4-THEMIS conj in plasma sheet BM1 2h for c7 c4-THEMIS conj in plasma sheet BM1 2h for c7 c4-THEMIS conj in plasma sheet BM1 2h for c7 c4-THEMIS conj in plasma sheet BM1 2h for c7 c4-THEMIS conj in plasma sheet BM1 2h for c7 c4-THEMIS conj in plasma sheet BM1 2h for c4-THEMIS conj in plasma sheet BM2 2h for c4-THEMIS conj in plasma sheet BM3 2h for c4-THEMIS conj in plasma sheet		BM1 1.8h for northern AAR		
BM2 1.15h for equatorial and southern dayside outer zone chorus, end BM1 1h for C4-MMS conj in plasma sheet BM2 2.6h for northern AAR combined with equatorial and 3662 southern dayside outer zone chorus, start BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 1.4h for northern AAR BM1 4h for C4-THEMIS conj in plasma sheet PV for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1.5h for C4-THEMIS conj in plasma sheet BM2 1h for northern AAR (combined with PV) 7 BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for equatorial and southern dayside outer zone chorus, end BM1 5.h for c4-THEMIS conj in plasma sheet BM2 1.5h for equatorial and southern dayside outer zone chorus, end BM1 1.2h for northern AAR, low latitude 7.4 BM1 4h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and equatorial and southern dayside outer zone chorus, start 3.6 BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM3 5h for C4-THEMIS conj in plasma sheet BM2 1.5h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.5h for c4-THEMIS conj in plasma sheet BM3 2.5h for equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet		BM2 0.6h for equatorial and southern dayside outer zone		
chorus, end BM1 1h for C4-MMS conj in plasma sheet BM2 2.6h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 4h for C4-THEMIS conj in plasma sheet BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1h for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1h for northern AAR (combined with PV) 7 BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with equatorial and southern dayside outer zone chorus, start 4.5 BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 1.2h for northern AAR, low latitude 7.4 BM1 4h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and equatorial and southern dayside outer zone chorus, start 3.6 BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM3 1.5h for C4-THEMIS conj in plasma sheet BM4 1.5h for C4-THEMIS conj in plasma sheet BM5 1.5h for C4-THEMIS conj in plasma sheet BM6 1.5h for C4-THEMIS conj in plasma sheet BM7 1.5h for C4-THEMIS conj in plasma sheet	3661	chorus, start		6.4
chorus, end BM1 1h for C4-MMS conj in plasma sheet BM2 2.6h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 4.5h for C4-THEMIS conj in plasma sheet BM1 4h for C4-THEMIS conj in plasma sheet BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1h for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1h for northern AAR (combined with PV) 7 BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with equatorial and southern dayside outer zone chorus, start 4.5 BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 1.2h for northern AAR, low latitude 7.4 BM1 4h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and equatorial and southern dayside outer zone chorus, start 3.6 BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM3 1.5h for C4-THEMIS conj in plasma sheet BM4 1.5h for C4-THEMIS conj in plasma sheet BM5 1.5h for C4-THEMIS conj in plasma sheet BM6 1.5h for C4-THEMIS conj in plasma sheet BM7 1.5h for C4-THEMIS conj in plasma sheet		BM2 1.15h for equatorial and southern dayside outer zone		
BM2 2.6h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 1.5h for C4-THEMIS conj in plasma sheet BM1 1.4h for northern AAR BM1 4h for C4-THEMIS conj in plasma sheet PV for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1h for northern AAR (combined with PV) BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.5h for equatorial and southern dayside outer zone chorus, start BM1 5.7h for C4-THEMIS conj in plasma sheet BM1 1.2h for northern AAR, low latitude 7.4 BM1 4h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and BM1 2h for C4-THEMIS conj in plasma sheet BM2 0.8h for equatorial and southern dayside outer zone chorus, start BM2 0.8h for equatorial and southern dayside outer zone chorus, start BM2 0.8h for equatorial and southern dayside outer zone chorus, start BM2 0.8h for equatorial and southern dayside outer zone chorus, start BM3 0.8h for equatorial and southern dayside outer zone chorus, start BM3 0.8h for equatorial and southern dayside outer zone chorus, end BM1 1.5h for C4-THEMIS conj in plasma sheet BM1 1.5h for C4-THEMIS conj in plasma sheet BM1 1.5h for C4-THEMIS conj in plasma sheet				
3662 southern dayside outer zone chorus, start BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet 3663 BM1 1.4h for northern AAR BM1 4h for C4-THEMIS conj in plasma sheet 3664 PV for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet 3665 BM2 1h for northern AAR (combined with PV) BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet 3667 BM1 1.2h for northern AAR, low latitude 7.4 BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and agency and and southern dayside outer zone chorus, start BM2 0.8h for equatorial and southern dayside outer zone chorus, start BM2 0.8h for equatorial and southern dayside outer zone chorus, start BM2 0.8h for equatorial and southern dayside outer zone chorus, start BM2 0.8h for equatorial and southern dayside outer zone chorus, start BM2 0.8h for equatorial and southern dayside outer zone chorus, start BM3 0.8h for C4-THEMIS conj in plasma sheet BM1 1.5h for C4-THEMIS conj in plasma sheet BM1 1.5h for C4-THEMIS conj in plasma sheet		BM1 1h for C4-MMS conj in plasma sheet		
BM2 0.6h for equatorial and southern dayside outer zone chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet 3663 BM1 1.4h for northern AAR BM1 4h for C4-THEMIS conj in plasma sheet 3664 PV for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet 3665 BM2 1h for northern AAR (combined with PV) BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet 3667 BM1 1.2h for northern AAR, low latitude 7.4 BM1 4h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and equatorial and southern dayside outer zone chorus, start 3669 equatorial and southern dayside outer zone chorus, start BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM1 2h for C4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR (combined with PV) and 3669 equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet 3670 BM1 1.5h for northern AAR BM1 4.5h for C4-THEMIS conj in plasma sheet		BM2 2.6h for northern AAR combined with equatorial and		
chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet 3663 BM1 1.4h for northern AAR BM1 1.4h for C4-THEMIS conj in plasma sheet PV for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1h for northern AAR (combined with PV) BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM1 1.2h for northern AAR, low latitude BM1 1.2h for c4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 0.85h for equatorial and southern dayside outer zone chorus, start BM2 0.85h for equatorial and southern dayside outer zone chorus, start BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM3 5h for C4-THEMIS conj in plasma sheet BM3 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM1 1.5h for northern AAR BM1 1.5h for northern AAR BM1 1.5h for northern AAR BM1 1.5h for C4-THEMIS conj in plasma sheet	3662	southern dayside outer zone chorus, start		4.7
chorus, end BM1 4.5h for C4-THEMIS conj in plasma sheet 3663 BM1 1.4h for northern AAR BM1 1.4h for C4-THEMIS conj in plasma sheet PV for northern AAR BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1h for northern AAR (combined with PV) BM1 2h for C4-THEMIS conj in plasma sheet BM2 2.55h for northern AAR combined with equatorial and southern dayside outer zone chorus, start BM2 0.5h for equatorial and southern dayside outer zone chorus, end BM1 5.7h for C4-THEMIS conj in plasma sheet BM1 1.2h for northern AAR, low latitude BM1 1.2h for c4-THEMIS conj in plasma sheet BM2 1.6h for northern AAR BM1 2h for C4-THEMIS conj in plasma sheet BM2 0.85h for equatorial and southern dayside outer zone chorus, start BM2 0.85h for equatorial and southern dayside outer zone chorus, start BM2 0.85h for equatorial and southern dayside outer zone chorus, end BM3 5h for C4-THEMIS conj in plasma sheet BM3 0.85h for equatorial and southern dayside outer zone chorus, end BM1 5h for C4-THEMIS conj in plasma sheet BM1 1.5h for northern AAR BM1 1.5h for northern AAR BM1 1.5h for northern AAR BM1 1.5h for C4-THEMIS conj in plasma sheet		BM2 0.6h for equatorial and southern dayside outer zone		
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3670 BM1 1.5h for northern AAR 7.4 BM1 4.5h for C4-THEMIS conj in plasma sheet		chorus, end		
BM1 4.5h for C4-THEMIS conj in plasma sheet		· ·		
	3670	BM1 1.5h for northern AAR	 	7.4
3671 BM1 1.1h for northern AAR, low latitude 5.6		BM1 4.5h for C4-THEMIS conj in plasma sheet		
	3671	BM1 1.1h for northern AAR, low latitude		5.6

3672	BM1 2.5h for C4-THEMIS conj in plasma sheet BM1 1.75h for northern AAR, low latitude		4.3
3673	BM1 5.3h for NS crossing by 4SC BM1 2h for C4-THEMIS conj in plasma sheet PV for northern AAR BM2 0.9h for equatorial and southern dayside outer zone chorus, start		8.2
3674	BM2 0.7h for equatorial and southern dayside outer zone chorus, end BM1 4h for C4-THEMIS conj in plasma sheet BM1 1.4h for northern AAR		6.1
3675	Start of eclipse season on SC34 (13/09/2023 10:00, TBC) BM1 3h for C4-THEMIS conj in plasma sheet - on SC12 PV for northern AAR - on SC12		3
3676	BM1 2h for C4-THEMIS conj in plasma sheet - on SC12 Start of manoeuvre on SC2 BM1 1.7h for northern AAR - on SC1 only (single SC ops)	0.9	2.4
3677	End of manoeuvre on SC2 BM1 4h for C4-THEMIS conj in plasma sheet - on SC12 Start of eclipse season on SC1, 19/09/2023 06:00 (TBC) Start of eclipse season on SC2, 19/09/2023 21:00 (TBC)	0.5	4.2
3678	Eclipse season		0