

MSP 49.2 Draft plan, V.1 - 19/04/2023, 118-156% data volume, with average ~140% overall

Orbit	4SC	4SC D0	3SC D0	4SC BM (h)
3642	BM1 3h for C4-THEMIS conj at MP BM1 2.5h for C4-MMS conj at MP PV for northern AAR			5.5
3643	BM1 4h for triple conj at MP PV for northern AAR			4
3644	BM2 2h for AKR with South Pole Station BM1 1.5h for northern AAR			3.5
3645	PV for northern AAR			0
3646	BM1 1.8h for northern AAR			1.8
3647	BM2 2h for AKR with South Pole station BM2 1.6h for northern AAR			3.6
3648	BM2 2h for AKR with South Pole station BM1 1.4h for northern AAR			3.4
3649	PV for northern AAR			0
3650	BM2 3h for PSBL - Inbound BM2 1h for northern AAR (combined with PV)			4
3651	BM2 2h for AKR with South Pole station BM1 1.6h for northern AAR			3.6
3652	BM2 2h for AKR with South Pole station BM1 1.3h for northern AAR, low latitude			3.3
3653	BM2 3h for PSBL - Inbound PV for northern AAR			3
3654	BM2 1h for northern AAR (combined with PV)			1
3655	BM2 2h for AKR with South Pole station BM1 1.6h for northern AAR			3.6
3656	BM2 2h for AKR with South Pole station BM1 1.2h for northern AAR, low latitude			3.2
3657	BM1 1.8h for northern AAR, low latitude			1.8
3658	PV for northern AAR BM2 0.95h for equatorial and southern dayside outer zone chorus, start			0.9
3659	BM2 0.8h for equatorial and southern dayside outer zone chorus, end BM2 2h for AKR with South Pole station BM1 1.4h for northern AAR			4.2
3660	PV for northern AAR			0

3661	BM1 4h for NS partial crossing BM1 1.8h for northern AAR BM2 0.6h for equatorial and southern dayside outer zone chorus, start			6.4
3662	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			4.7
3663	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			6.5
3664	BM1 4h for C4-THEMIS conj in plasma sheet PV for northern AAR			4
3665	BM1 6h for NS partial crossing combined with C4-THEMIS conj in plasma sheet BM2 1h for northern AAR (combined with PV)			7
3666	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
3667	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			7.4
3668	BM1 4h for C4-THEMIS conj in plasma sheet PV for northern AAR			4
3669	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
3670	BM2 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			7.4
3671	BM1 4.5h for C4-THEMIS conj in plasma sheet 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