

MSP 48.1 Draft plan, V.2 - 03/11/2022, 115-140% data rate

Orbit	4SC	4SC D0	3SC D0	4SC BM (h)
3540	BM2 1.4 for DOZC			1.4
3541	Manoeuvres on SC3 Manoeuvres on SC34 - start	3.7		0
3542	Manoeuvres on SC34 - end BM1 1h for PEACE/WHISPER cross-cal - single SC ops BM2 2.1 for Combined chorus and AAR - start	0.3		3.1
3543	BM2 0.1h for Combined chorus and AAR - end			0.1
3544	BM2 1.3h for DOZC Manoeuvres on SC3 - start BM2 0.5h on SC124 (at the time of man. on SC3)	1		1.7
3545	Manoeuvres on SC3 - end BM2 3h for MP-Inbound	0.3		3
3546	BM2 1.9h for Combined chorus and AAR - start			1.9
3547	BM2 0.15h for Combined chorus and AAR - end BM2 2h for Combined chorus and AAR			2.2
3548	BM2 1h for DOZC			1
3549				0
3550	BM1 2h for C4-MMS conj at MP BM1 2h for C4-MMS conj in MSH			4
3551				0
3552	BM1 1h for PEACE/WHISPER cross-cal - single SC ops			1
3553	BM1 2h for C4-MMS conj in MSH BM2 1.5h for Combined chorus and AAR - start			3.5
3554	BM2 0.5h for Combined chorus and AAR - end BM2 1.7h for Combined chorus and AAR - start			2.2
3555	BM2 0.3h for Combined chorus and AAR-end BM1 4.5h for C4-MMS conj at MP and in MSH			4.8
3556				0
3557	BM2 4h for MP-Outbound BM2 1.4h for Combined chorus and AAR - start			5.4
3558	BM2 0.6h for Combined chorus and AAR - end BM1 1.5h for C4-MMS conj in MSH			2.1
3559				0
3560	BM1 2h for C4-THEMIS conj at MP			2

3561	BM1 3.5h for C4-THEMIS conj at MP and C4-MMS conj in MSH BM1 2h for C4-MMS conj at BS			5.5
3562	BM1 3h for triple conj in MSH			3
3563	BM1 2.5h for C4-THEMIS conj at MP and in MSH BM1 2h for foreshock bubbles Manoeuvres on SC3 - start	1		4.5
3564	Manoeuvres on SC3 - end BM1 2h for C4-THEMIS conj at MP and in MSH BM1 3h for triple conj in MSH and C4-MMS conj at BS	0.3		5
3565	BM1 2.2h for foreshock bubbles			2.2
3566	BM1 4h for triple conj at MP and triple conj in MSH BM1 2.2h for foreshock bubbles Manoeuvres on SC3 - start	1		6.4
3567	Manoeuvres on SC3 - end BM1 1h for PEACE/WHISPER cross-cal -single SC ops BM1 3h for triple conj in MSH	0.3		4
3568	BM1 2h for foreshock bubbles			2
3569	BM1 2h for triple conj in MSH BM1 2h for foreshock bubbles BM2 1.4h for Combined chorus and AAR - start			5.4
3570	BM2 0.6h for Combined chorus and AAR - end BM1 2h for foreshock bubbles BM1 2.5h for triple conj at MP and triple conj in MSH Manoeuvres on SC3 - start	1		5.2
3571	Manoeuvres on SC3 - end BM1 2h for foreshock bubbles	0.3		2
3572	BM1 3h for triple conj in MSH BM1 2h for foreshock bubbles			5
3573	BM1 1.5h for C4-THEMIS conj in MSH BM1 2h for foreshock bubbles BM1 2h for triple conj in MSH Manoeuvres on SC3 - start	1		5.5
3574	Manoeuvres on SC3 - end BM2 4h for BS-Outbound	0.3		4
3575	BM1 3h for triple conj in MSH BM1 1h for foreshock bubbles			4
3576	BM1 1.5h for foreshock bubbles BM1 3h for triple conj in MSH Manoeuvres on SC3 - start	1		4.5
3577	Manoeuvres on SC3 - end BM1 2h for foreshock bubbles BM2 4h for BS-Inbound	0.3		6

3578	BM1 2.5h for C4-THEMIS conj in MSH and C4-MMS conj at BS BM1 2h for foreshock bubbles			4.5
3579	BM1 2h for C4-THEMIS conj in MSH			2
3580	BM1 2h for C4-THEMIS conj in MSH BM1 2h for foreshock bubbles BM2 1.3h for Combined chorus and AAR - start			5.3
3581	BM2 0.7h for Combined chorus and AAR - end BM1 1.5h for foreshock bubbles BM1 2h for triple conj in MSH BM1 1h for PEACE/WHISPER cross-cal - single SC ops			5.2
3582	BM1 2h for foreshock bubbles			2
3583	BM1 2.5h for triple conj in MSH BM1 2h for foreshock bubbles BM2 1h for Combined chorus and AAR on SC134 - start (single SC ops) Manoeuvres on SC2 - start			5.2
3584	Manoeuvres on SC2-end BM2 0.6h for Combined chorus and AAR on SC134 - end (single SC ops) BM1 2h for C4-THEMIS conj in MSH on all SC Start of the eclipse season on SC2 (payload OFF) SC2 ON for BM1 mode BM1 2.8h for Cluster-MMS conjunction on all SC SC2 OFF			5.2
3585	BM1 2h for foreshock bubbles on SC134 (4-SC ops) Manoeuvres on SC1 - start			2
3586	Manoeuvres on SC1 -end BM1 1h for Cluster-MMS smallest distance conjunction on SC134 (4-SC ops) Start of the eclipse season on SC1			1
3587	Start of the eclipse season on SC34			0
3588	Eclipse season			0
3589	Eclipse season			0
3590	Special Ops, BM1 0.8h for Cluster-MMS conjunction			0.8
3591	Eclipse season			0
3592	Eclipse season			0
3593	Special Ops, BM1 0.7h for Cluster-MMS conjunction			0.7
3594	Eclipse season			0
3595	Eclipse season			0