

MSP 42.1 Draft plan, V.1 - 04/10/2019, 130% data rate baseline with some flexibility

Orbit	4SC	4SC D0	3SC D0	4SC BM (h)
3067	BM2 for AKR with VLBI Manoeuvres on C1 and C3 - start	1.5		1
3068	Manoeuvres on C1 and C3 - end BM1 for cusp with EISCAT	1.3		3
3069	BM1 for Cluster/MMS conjunction in msh BM1 for Cluster/MMS conjunction at MP			6.5
3070	BM2 for AKR with VLBI			1
3071	BM2 for AKR with VLBI Manoeuvres on C1 and C3 - start	1.6		1
3072	Manoeuvres on C1 and C3 - end BM1 for Cluster/MMS conjunction in msh BM1 for cusp with EISCAT	1.1		7.5
3073	BM1 for PEACE/WHISPER Cross-calibrations BM1 for cusp/N/multi			5
3074	BM2 for AKR with VLBI			1
3075	BM2 for EQUA on C134 and C2 at high lat			0.7
3076	BM2 for EQUA on C134 and C2 at high lat (cont) BM1 for cusp with EISCAT			4.8
3077	BM1 for Cluster/MMS conjunction at MP			2.2
3078	BM1 for Cluster/MMS conjunction at MP BM2 for EQUA on C134 and C2 at high lat			3.1
3079	BM2 for EQUA on C134 and C2 at high lat (cont) BM2 for EQUA on C134 and C2 at high lat			1.9
3080	BM2 for EQUA on C134 and C2 at high lat (cont) BM1 for Cluster/MMS conjunction in msh BM1 for GI cusp Manoeuvres on C1 -start	1		7.6
3081	Manoeuvres on C1 - end BM1 for GI cusp	0.4		4
3082	BM1 for GI cusp BM2 for AKR with VLBI BM2 for EQUA on C134 and C2 at high lat			5.6
3083	BM2 for EQUA on C134 and C2 at high lat (cont) BM1 for Cluster/MMS conjunction in msh BM2 for EQUA on C134 and C2 at high lat			6
3084	BM2 for EQUA on C134 and C2 at high lat (cont)			0.3
3085	BM1 for Cluster/MMS conjunction at MP BM1 for cusp/N/multi Manoeuvres on C2 -start/end Manoeuvres on C1 and C3 - start	3.3		5.6
3086	Manoeuvres on C1 and C3 - end BM1 for Cluster/MMS conjunction at BS BM1 for Cluster/MMS conjunction at MP BM2 for EQUA on C134 and C2 at high lat	0.8		4.3
3087	BM2 for EQUA on C134 and C2 at high lat (cont) Moon eclipse on C4, C1 and C3			0.9

3088	Moon eclipse pn C4, C1 and C3 (cont, exact time TBD) BM2 for MP/C3/I			3
3089	BM1 for PEACE/WHISPER Cross-calibrations BM2 for AKR with VLBI			2
3090	BM2 for BS/T/I BM2 for AKR with VLBI Manoeuvres on C2 - start/end Manoeuvres on C1 and C3 - start	3.3		4
3091	Manoeuvres on C1 and C3 - end BM1 for Cluster/MMS conjunction at MP BM2 for EQUA on C134 and C2 at high lat	0.8		4.8
3092	BM1 for Cluste/MMS conjunction at MP			2.9
3093	none			0
3094	BM1 for Cluster/MMS conjunction in msh BM2 for EQUA on C134 and C2 at high lat			4.1
3095	BM2 for EQUA on C134 and C2 at high lat (cont) BM2 for BS/T/I			3.6
3096	BM1 for cusp/N/multi			3
3097	BM1 for Cluster/MMS conjunction at BS			1.8
3098	BM1 for PEACE-WHISPER Cross-calibrations			1
3099	BM1 for Cluster/MMS conjunction at MP BM2 for MP/C3/I			6
3100	BM1 for MP/C3/I			3
3101	Start of short eclipse season, preliminary date/time 24/02/2020			0