

## 4 SC BM1 periods

Orbit	SC	Mode	Start	End	Duration (hrs)	Target
3711	ALL	BM1	05/12/2023 08:00	05/12/2023 13:30	5.50	Cluster-MMS conj in MSH and MP inbound
3712	ALL	BM1	05/12/2023 20:35	05/12/2023 22:35	2.00	Southern AAR
3713	ALL	BM1	08/12/2023 02:50	08/12/2023 04:50	2.00	Southern AAR
3713	ALL	BM1	09/12/2023 23:00	10/12/2023 01:00	2.00	MP Inbound
3714	ALL	BM1	10/12/2023 09:10	10/12/2023 11:10	2.00	Southern AAR
3714	ALL	BM1	12/12/2023 05:10	12/12/2023 07:40	2.50	Cluster-MMS conj at MP and MP inbound
3717	ALL	BM1	18/12/2023 06:20	18/12/2023 07:50	1.50	C4-MMS conj in MSH
3718	ALL	BM1	19/12/2023 10:10	19/12/2023 12:10	2.00	Southern AAR
3719	ALL	BM1	22/12/2023 22:00	23/12/2023 01:30	3.50	Cluster - MMS conj in MSH and at BS
3721	ALL	BM1	26/12/2023 04:56	26/12/2023 06:56	2.00	Southern AAR
3722	ALL	BM1	28/12/2023 11:12	28/12/2023 13:12	2.00	Southern AAR
3722	ALL	BM1	28/12/2023 23:00	29/12/2023 02:30	3.50	C4-MMS conj in MSH
3722	ALL	BM1	29/12/2023 22:00	29/12/2023 23:30	1.50	Cluster-MMS conj in msh and at BS
3722&3723	All	BM1	30/12/2023 17:18	30/12/2023 19:25	2.12	Southern AAR
3724	All	BM1	02/01/2024 08:00	02/01/2024 11:00	3.00	Cluster-MMS conj at MP, in MSH and MP outbound
3725	All	BM1	04/01/2024 06:02	04/01/2024 08:02	2.00	Southern AAR
3725	All	BM1	05/01/2024 00:00	05/01/2024 03:00	3.00	Cluster-MMS conj at BS and in MSH
3725&3726	All	BM1	06/01/2024 12:10	06/01/2024 14:15	2.08	Southern AAR
3727	All	BM1	09/01/2024 09:30	09/01/2024 12:30	3.00	Cluster-MMS conj in MSH, at BS, and BS outbound
3727&3728	All	BM1	11/01/2024 00:40	11/01/2024 02:45	2.08	Southern AAR
3728	All	BM1	12/01/2024 21:50	12/01/2024 23:50	2.00	Cluster-MMS conj at MP, in MSH and MP inbound
3730	All	BM1	15/01/2024 20:30	16/01/2024 00:00	3.50	Cluster-MMS conj at MP, in MSH and MP outbound
3730&3731	All	BM1	17/01/2024 19:30	17/01/2024 21:35	2.08	Southern AAR
3731	All	BM1	19/01/2024 09:40	19/01/2024 12:40	3.00	Cluster-MMS conj in MSH and BS inbound
3732&3733	All	BM1	22/01/2024 08:04	22/01/2024 10:04	2.00	Southern AAR
3733	All	BM1	22/01/2024 17:50	22/01/2024 22:20	4.50	Cluster-MMS conj in MSH and BS outbound
3734	All	BM1	26/01/2024 11:40	26/01/2024 14:10	2.50	Triple conjunction at MP and MP inbound
3736	All	BM1	29/01/2024 17:00	29/01/2024 19:30	2.50	Cluster-MMS conj at BS
3736&3737	All	BM1	31/01/2024 09:10	31/01/2024 11:15	2.08	Southern AAR
3737&3738	134	BM1	02/02/2024 15:25	02/02/2024 17:30	2.08	Southern AAR
3738	134	BM1	02/02/2024 22:50	03/02/2024 03:05	4.25	Cluster-MMS conj at MP, in MSH and at BS and partial MP and BS crossings
3739	134	BM1	06/02/2024 12:30	06/02/2024 14:30	2.00	Cluster-MMS conj in MSH and at BS, SC134
3739&3740	134	BM1	07/02/2024 04:00	07/02/2024 06:00	2.00	Southern AAR, SC134
3740&3741	134	BM1	09/02/2024 10:17	09/02/2024 12:20	2.05	Southern AAR, SC134
3741	134	BM1	10/02/2024 00:40	10/02/2024 03:10	2.50	Cluster-MMS conj at BS, SC134
3741&3742	134	BM1	11/02/2024 16:35	11/02/2024 18:35	2.00	Southern AAR, SC134
3742	134	BM1	13/02/2024 12:20	13/02/2024 15:50	3.50	Triple conjunction in MSH, Cluster-MMS conj at MP, and MP inbound partial, SC134
3743&3744	134	BM1	16/02/2024 05:10	16/02/2024 07:10	2.00	Southern AAR, SC134
3744	134	BM1	16/02/2024 11:20	16/02/2024 13:50	2.50	Cluster-MMS conj in MSH and MP outbound, SC134
3744	134	BM1	18/02/2024 02:30	18/02/2024 04:30	2.00	Cluster-THEMIS conj at MP and in MSH and MP crossing, SC134
3744&3745	134	BM1	18/02/2024 11:25	18/02/2024 13:25	2.00	Southern AAR, SC134
3745	34	BM1	20/02/2024 08:40	20/02/2024 10:40	2.00	Cluster-THEMIS conj in MSH, at MP and MP inbound crossing, SC34
3746	34	BM1	22/02/2024 15:00	22/02/2024 17:00	2.00	Cluster-THEMIS conj in MSH and at MP and MP inbound, SC34
3747	34	BM1	23/02/2024 09:10	23/02/2024 12:10	3.00	Cluster-MMS conj in MSH and at BS, BS outbound, SC34
3747	34	BM1	24/02/2024 20:00	24/02/2024 23:00	3.00	Cluster-THEMIS conj in MSH, at MP and MP inbound, SC34