

## 4 SC BM1 periods

Orbit	SC	Mode	Start	End	Duration (hrs)	Target
3621	All	BM1	15/05/2023 10:50	15/05/2023 12:50	2.00	Triple conj in MSH
3621	All	BM1	16/05/2023 05:10	16/05/2023 06:50	1.67	Northern AAR
3622	All	BM1	16/05/2023 15:40	16/05/2023 17:10	1.50	Cluster C4-THEMIS conj in MSH
3622	All	BM1	17/05/2023 05:00	17/05/2023 06:00	1.00	Foreshock bubbles
3622	All	BM1	18/05/2023 11:25	18/05/2023 12:50	1.42	Northern AAR optional
3623	All	BM1	18/05/2023 22:10	19/05/2023 00:25	2.25	Triple conj in MSH
3624	All	BM1	22/05/2023 09:00	22/05/2023 10:40	1.67	Triple conj in MSH
3624	All	BM1	22/05/2023 23:55	23/05/2023 01:40	1.75	Northern AAR, near miss EISCAT
3626	All	BM1	25/05/2023 19:40	25/05/2023 21:40	2.00	Triple conj in MSH
3626	All	BM1	26/05/2023 23:20	27/05/2023 00:40	1.33	Triple conj at MP
3626	All	BM1	27/05/2023 12:30	27/05/2023 13:45	1.25	Northern AAR optional
3627	All	BM1	27/05/2023 23:40	28/05/2023 01:40	2.00	Cluster C4-THEMIS conj in MSH
3628	All	BM1	30/05/2023 06:10	30/05/2023 08:10	2.00	Cluster C4-THEMIS conj in MSH
3628	All	BM1	01/06/2023 01:05	01/06/2023 02:45	1.67	Northern AAR
3629	All	BM1	01/06/2023 15:10	01/06/2023 17:52	2.70	Triple conj in MSH
3630	All	BM1	05/06/2023 13:35	05/06/2023 14:40	1.08	Northern AAR optional
3631	All	BM1	06/06/2023 01:40	06/06/2023 04:10	2.50	Cluster C4-THEMIS conj in MSH
3631	All	BM1	07/06/2023 19:50	07/06/2023 21:40	1.83	Northern AAR, conj with EISCAT
3632	All	BM1	08/06/2023 08:20	08/06/2023 10:35	2.25	Cluster C4-THEMIS conj in MSH
3633	All	BM1	12/06/2023 08:20	12/06/2023 09:50	1.50	Northern AAR
3634	All	BM1	12/06/2023 21:25	13/06/2023 00:10	2.75	Cluster C4-THEMIS conj in MSH and at MP
3635	All	BM1	15/06/2023 03:10	15/06/2023 05:40	2.50	Cluster C4-THEMIS conj at MP and in MSH
3635	All	BM1	16/06/2023 02:40	16/06/2023 04:40	2.00	Triple conj at MP
3635	All	BM1	16/06/2023 20:55	16/06/2023 22:40	1.75	Northern AAR, conj with EISCAT
3636	All	BM1	17/06/2023 08:40	17/06/2023 11:40	3.00	Triple conj at MP followed by C4-THEMIS conj at MP
3636	All	BM1	19/06/2023 03:10	19/06/2023 04:45	1.58	Northern AAR
3637	All	BM1	19/06/2023 15:30	19/06/2023 18:30	3.00	Triple conj at MP
3637	All	BM1	21/06/2023 09:25	21/06/2023 10:45	1.33	Northern AAR optional
3639	All	BM1	24/06/2023 08:40	24/06/2023 11:40	3.00	Triple conjunction at MP
3640	All	BM1	26/06/2023 12:20	26/06/2023 15:20	3.00	Triple conj at MP
3640	All	BM1	28/06/2023 04:15	28/06/2023 05:50	1.58	Northern AAR
3641	All	BM1	30/06/2023 10:30	30/06/2023 11:45	1.25	Northern AAR optional