Orbit	4SC	4SC D0	3SC D0	4SC BM (h)
	BM2 2h for Southern AAR BM2 0.8h for Equatorial Chorus/Hiis/Wistler Dawnside			
3710	combined with southern AAR, start			2.8
	BM2 2h for Equatorial Chorus/Hiis/Wistler Dawnside combined with southern AAR, end			
3711	BM1 5.5h for Cluster-MMS conj in MSH and MP inbound			7.5
3712	BM1 2h for Southern AAR			2
3713	BM1 2h for Southern AAR BM1 2h for MP Inbound			4
3714	BM1 2.5h for Cluster-MMS conj at MP and MP inbound BM2 0.9h for Equatorial Chorus/Hiis/Wistler Dawnside combined with southern AAR, start			5.4
3715	BM2 2h for Equatorial Chorus/Hiis/Wistler Dawnside combined with southern AAR, end			2
3716	BM2 3h for Southern AAR, combined with Equatorial Chorus Duskside BM2 2.5h for MP Inbound			5.5
3717	BM2 2h for Southern AAR BM1 1.5h for Cluster0MMS conj in MSH			3.5
3718	BM1 2h for Southern AAR BM2 1h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with Southern AAR, start			3
3719	BM2 2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with Southern AAR, end BM1 3.5h for Cluster-MMS conj in MSH and at BS BM2 0.2h for Southern AAR combined with Equatorial Chorus Duskside, start			5.7
3720	BM2 2.9h for Southern AAR combined with Equatorial Chorus Duskside, end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops			3.9
3721	BM1 2h for Southern AAR			2
3722	BM1 2h for Southern AAR BM1 3.5h for Cluster-MMS conj in MSH BM1 1.5h for Cluster-MMS conj in MSH and at BS BM1 0.1h for Southern AAR - start			7.1
3723	BM1 2h for Southern AAR - end BM2 0.1h for Southern AAR - start			2.1
3724	BM2 2h for Southern AAR - end BM1 3h for Cluster-MMS conj at the MP, in MSH and Outbound MP			5

BM1 2h for Southern AAR BM1 3h for Cluster-MMS conj at BS and MSH BM1 0.1h for Southern AAR - end BM2 1.2h for Southern AAR - end BM2 1.2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with southern AAR - start 3.2 BM2 2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with southern AAR - end BM1 3h for Cluster-MMS conj in MSH, at BS, and BS outbound 3727 BM1 0.1h for Southern AAR - end BM1 2h for Southern AAR - end BM1 2h for Southern AAR - end BM1 2h for Southern AAR - end BM2 1.9h for Southern AAR - end BM1 2h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - end BM2 1.9h for Southern AAR - end BM2 1.9h for Southern AAR - end BM2 1.9h for Southern AAR, on SC134 - Single SC Ops Manoeuvres on SC2 - start 3729 Manoeuvres on SC2 - end BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 BM1 0.2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj in MSH and BS inbound BM1 3h for Cluster-MMS conj in MSH and BS inbound BM1 3h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - start 3734 - Single SC Ops - end Manoeuvres on SC2 - start 3734 - Single SC Ops - end Manoeuvres on SC2 - stort 3734 - Single SC Ops - end Manoeuvres on SC2 - stort 3734 - Single SC Ops - end Manoeuvres on SC2 - stort 3734 - Single SC Ops - end Manoeuvres on SC2 - stort 3734 - Single SC Ops - end 3734 -			<u> </u>	
3725 BM1 0.1h for Southern AAR - start 5.1		BM1 2h for Southern AAR		
BM1 2h for Southern AAR - end BM2 1.2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with southern AAR - start BM2 2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with southern AAR - end BM1 3h for Cluster-MMS conj in MSH, at BS, and BS outbound 3727 BM1 0.1h for Southern AAR - start BM1 2h for Southern AAR - end BM1 2h for Cluster-MMS conj at MP and MSH and inbound MP 3728 BM2 0.1h for Southern AAR - start 4.1 BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start BM1 1.9h for Southern AAR - start BM1 1.9h for Southern AAR - start BM1 2.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 2.9h for Southern AAR - end		BM1 3h for Cluster-MMS conj at BS and MSH		
BM2 1.2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with southern AAR - start BM2 2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with southern AAR - end BM1 3h for Cluster-MMS conj in MSH, at BS, and BS outbound 3727 BM1 0.1h for Southern AAR - end BM1 2h for Southern AAR - end BM1 2h for Southern AAR - end BM2 2h for Southern AAR - start BM2 0.1h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 - end BM1 2h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.3h for Southern AAR - end BM1 3h for Cluster-MAR - end BM1 3h for Cluster-MAR - end BM1 3h for Cluster-MAR - end BM2 2h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - start 5.1 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoeuvres on SC2 - start 3733 BM2 0.1h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoeuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 4.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - End BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - End BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial	3725	BM1 0.1h for Southern AAR - start		5.1
BM2 1.2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with southern AAR - start BM2 2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with southern AAR - end BM1 3h for Cluster-MMS conj in MSH, at BS, and BS outbound 3727 BM1 0.1h for Southern AAR - end BM1 2h for Southern AAR - end BM1 2h for Southern AAR - end BM2 2h for Southern AAR - start BM2 0.1h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 - end BM1 2h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.3h for Southern AAR - end BM1 3h for Cluster-MAR - end BM1 3h for Cluster-MAR - end BM1 3h for Cluster-MAR - end BM2 2h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - start 5.1 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoeuvres on SC2 - start 3733 BM2 0.1h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoeuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 4.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - End BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - End BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial		RM1 2h for Southern AAR - end		
3726 combined with southern AAR - start BM2 2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with southern AAR - end BM1 3h for Cluster-MMS conj in MSH, at BS, and BS outbound 3727 BM1 0.1h for Southern AAR - start BM1 2h for Southern AAR - end BM1 2h for Cluster-MMS conj at MP and MSH and inbound MP 3728 BM2 0.1h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - end BM1 3h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 - end BM1 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.1h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS outbound Manoeuvres on SC2 - start BM2 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 2.9h for Southern AAR - end BM1 2.9h for Southern AAR - end BM1 2.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoeuvres on SC2 - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2h for Southern AAR combined with Equatorial				
BM2 2h for Equatorial Chorus/Hiis/Whistlers Dawnside combined with southern AAR - end BM1 3h for Cluster-MMS conj in MSH, at BS, and BS outbound 3727 BM1 0.1h for Southern AAR - start 5.1 BM1 2h for Southern AAR - end BM1 2h for Cluster-MMS conj at MP and MSH and inbound MP 3728 BM2 0.1h for Southern AAR - start 4.1 BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 2.9 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 - start 2.5 5.1 BM1 1.9h for Southern AAR - end BM1 3.5h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start 5.1 BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 0.1h for Southern AAR combined with Equatorial	2726	· · · · · · · · · · · · · · · · · · ·		2.2
combined with southern AAR - end BM1 3h for Cluster-MMS conj in MSH, at BS, and BS outbound 3727 BM1 0.1h for Southern AAR - start BM1 2h for Southern AAR - end BM1 2h for Cluster-MMS conj at MP and MSH and inbound MP 3728 BM2 0.1h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - start BM2 1.9h for Southern AAR - start S.1 BM1 1.9h for Southern AAR - start S.2 BM1 0.1h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - start 3732 BM1 0.1h for Southern AAR - start ABM2 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 2.9h for Southern AAR - start ABM2 0.1h for Southern AAR - end BM1 1.9h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 2.9h for Southern AAR - end BM1 2.9h for Southern AAR - end BM1 3733 BM2 0.1h for Southern AAR - end BM1 2.9h for Southern AAR - end BM1 2.9h for Southern AAR - end BM1 2.9h for Southern AAR - end Single SC Ops - end Manoeuvres on SC2 BM1 2.9h for Triple conj at MP and MP inbound crossing BM2 0.9h for Southern AAR combined with Equatorial	3720			3.2
BM1 3h for Cluster-MMS conj in MSH, at BS, and BS outbound 3727 BM1 0.1h for Southern AAR - start BM1 2h for Southern AAR - end BM1 2h for Cluster-MMS conj at MP and MSH and inbound MP 3728 BM2 0.1h for Southern AAR - start 4.1 BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 3.5h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 3.732 BM1 0.1h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end		· · · · · · · · · · · · · · · · · · ·		
outbound 3727 BM1 0.1h for Southern AAR - start BM1 2h for Southern AAR - end BM1 2h for Cluster-MMS conj at MP and MSH and inbound MP 3728 BM2 0.1h for Southern AAR - start 4.1 BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 Manoeuvres on SC2 - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 3.9h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - end BM1 3.9h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 2.9h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2 h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial				
3727 BM1 0.1h for Southern AAR - start BM1 2h for Southern AAR - end BM1 2h for Cluster-MMS conj at MP and MSH and inbound MP 3728 BM2 0.1h for Southern AAR - start 4.1 BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - start S.1 BM2 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 2.9h for Southern AAR - end BM2 2 h for Southern AAR - end BM3 2 h for Southern AAR - end		•		
BM1 2h for Southern AAR - end BM1 2h for Cluster-MMS conj at MP and MSH and inbound MP 3728 BM2 0.1h for Southern AAR - start 4.1 BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end				
BM1 2h for Cluster-MMS conj at MP and MSH and inbound MP 3728 BM2 0.1h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 2.9 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start S.1 BM2 1.9h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - start 2 BM2 1.9h for Southern AAR - start 2 BM2 1.9h for Southern AAR - start 2 BM1 2.5h for Southern AAR - start 3732 BM2 0.1h for Southern AAR - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 3734 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial	3727	BM1 0.1h for Southern AAR - start		5.1
BM1 2h for Cluster-MMS conj at MP and MSH and inbound MP 3728 BM2 0.1h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 2.9 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start S.1 BM2 1.9h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - start 2 BM2 1.9h for Southern AAR - start 2 BM2 1.9h for Southern AAR - start 2 BM1 2.5h for Southern AAR - start 3732 BM2 0.1h for Southern AAR - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 3734 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial		BM1 2h for Southern AAR - end		
MP BM2 0.1h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 2.9 Manoeuvres on SC2 - end BM2 2.h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start 2.5 5.1 BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start 5.1 BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - start 2 BM1 0.1h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 2.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial				
BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 BM1 0.2h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - end BM1 3.731 BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - end BM3 3731 BM2 0.2h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 0.1h for		•		
BM2 1.9h for Southern AAR - end BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 2.9 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start 2.5 5.1 BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start 5.1 BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial	3728			4 1
BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 2.9 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start 2.5 5.1 BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start 5.1 BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoeuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial	0.20			
BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 2.9 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start 2.5 5.1 BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start 5.1 BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoeuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial		DA42.4.0k for ConthannAD and		
Manoeuvres on SC2 - start 3729 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 2.9 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start 2.5 5.1 BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start 5.1 BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 1.9h for Southern AAR - start 2 Manoeuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial				
Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM3 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start 2.5 5.1 BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - end BM1 3.9h for Southern AAR - start 5.1 BM1 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 0.1h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial				
Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - end 3732 BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial				
BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start 2.5 5.1 BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start 5.1 BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial	3729	BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start	1.2	2.9
BM2 2h for Southern AAR, on SC134 - Single SC Ops - end BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start 2.5 5.1 BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start 5.1 BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial				
BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start 2.5 5.1 BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start 5.1 BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 1.9h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial		Manoeuvres on SC2 - end		
MP Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial		BM2 2h for Southern AAR, on SC134 - Single SC Ops - end		
Manoeuvres on SC2 3730 BM1 0.2h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial		BM1 3.5h for Cluster-MMS conj at MP, in MSH and outbound		
3730 BM1 0.2h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 0.1h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial		MP		
BM1 1.9h for Southern AAR - end BM1 3h for Cluster-MMS conj in MSH and BS inbound 3731 BM2 0.2h for Southern AAR - start 5.1 BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial		Manoeuvres on SC2		
BM1 3h for Cluster-MMS conj in MSH and BS inbound BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial	3730	BM1 0.2h for Southern AAR - start	2.5	5.1
BM1 3h for Cluster-MMS conj in MSH and BS inbound BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial				
3731 BM2 0.2h for Southern AAR - start BM2 1.9h for Southern AAR - end 3732 BM1 0.1h for Southern AAR - start 2 BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial				
BM2 1.9h for Southern AAR - end BM1 0.1h for Southern AAR - start BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial		•		
BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial	3731	BM2 0.2h for Southern AAR - start		5.1
BM1 1.9h for Southern AAR - end BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Southern AAR combined with Equatorial		BM2 1.9h for Southern AAR - end		
BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial	3732	BM1 0.1h for Southern AAR - start		2
BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial				
BM1 4.5h for Cluster-MMS conj in MSH and BS outbound Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial		DNA1 1 Oh for Southorn AAD and		
Manoueuvres on SC2 - start 3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial				
3733 BM2 0.1h for Southern AAR, on SC134 - Single SC Ops - start 1.2 6.4 Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial		•		
Manoeuvres on SC2 - end BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial	2722		1 2	6.4
BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial	3/33	Diviz 0.111 for Southern AAR, on SC134 - Single SC Ops - Start	1.2	0.4
BM2 2h for Southern AAR, on SC134 - Single SC Ops - end Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial				
Manoeuvres on SC2 BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial				
BM1 2.5h for Triple conj at MP and MP inbound crossing BM2 0.2h for Sourthern AAR combined with Equatorial		•		
BM2 0.2h for Sourthern AAR combined with Equatorial				
· · · · · · · · · · · · · · · · · · ·		BM1 2.5h for Triple conj at MP and MP inbound crossing		
3734 Chorus Duskside - start 2.4 4.2		· ·		
	3734	Chorus Duskside - start	2.4	4.2

	BM2 2.6h for Sourthern AAR combined with Equatorial		
	Chorus Duskside - end		
3735	BM2 3h for BS Outbound BM2 0.1h for Southern AAR - start		5.7
3/33	BIVIZ 0.111 101 SOUCHETH AAK - Start		5.7
	BM2 2h for Southern AAR - end		
	BM1 2.5h for Cluster-MMS conj at BS		
3736	BM1 0.1h for Southern AAR - start		4.6
	BM1 1.9h for Southern AAR - end		
	BM1 1h for PEACE/WHISPER cross-cal, Single SC Ops		
	Manoeuvres on SC2		
	Manoeuvres on SC2 - start		
3737	BM1 0.2h for Southern AAR on SC134, Single SC Ops - start	3	3
	Manoeuvres on SC2 - end		
	BM1 1.9h for Southern AAR on SC134, Single SC Ops - end BM1 5h for Cluster-MMS conj at MP, in MSH and BS, and		
	partial crossings of MP and BS		
	Start of the eclipse season on SC2		
3738	BM1 0.1h for Southern AAR, SC134 - start	0.6	6.5
	BM1 1.9h for Southern AAR, SC134 - end		
0700	BM1 2h for Cluster-MMS conj in MSH and at BS, SC134		2
3739	BM1 0.1h for Southern AAR, SC134 - start		3
	BM1 1.9h for Southern AAR, SC134 - end		
3740	BM1 0.1h for Southern AAR, SC134 - start		1.5
	BM1 1.9h for Southern AAR, SC134 - end		
	BM1 2.5h for Cluster-MMS conj at BS, SC134		
3741	BM1 0.1h for Southern AAR, SC134 - start		3.5
	BM1 1.9h for Southern AAR, SC134 - end		
	BM1 3.5h for Triple conj in MSH, Cluster-MMS conj at MP,		
	and MP inbound partial, SC134		
3742	BM2 0.1h for Southern AAR, SC134 - start		4.1
	BM2 1.9h for Southern AAR, SC134 - end		
3743	BM1 0.1h for Southern AAR, SC134 - start		1.5
	BM1 1.9h for Southern AAR, SC134 - end		
	BM1 2.5h for Cluster-MMS conj in MSH and MP Outbound,		
	SC134		
	BM1 2h for Cluster-THEMIS conj at MP and in MSH and MP		
	Inbound, SC134		
3744	BM1 0.1h for Southern AAR, SC134 - start		4.9
	BM1 1.9h for Southern AAR, SC134 - end		
	Start of the eclipse season on SC1		
	BM1 2h for Cluster/THEMIS conj in MSH, at MP and MP		
3745	Inbound, SC34		2.4

3746	BM1 2h for Cluster-THEMIS in MSH and at MP and Inbound MP, SC34		1
	BM1 3h for Cluster-MMS conj in MSH and at BS, and BS outbound, SC34 BM1 3h for Cluster-THEMIS conj in MSH, at MP and MP		
3747	inbound, SC34		3
3748	Start of the eclipse season on SC34, D0 start		0
3749			0
3750			0
3751-3765	PP 1210, a special OBRQ will be developed, TBD		0