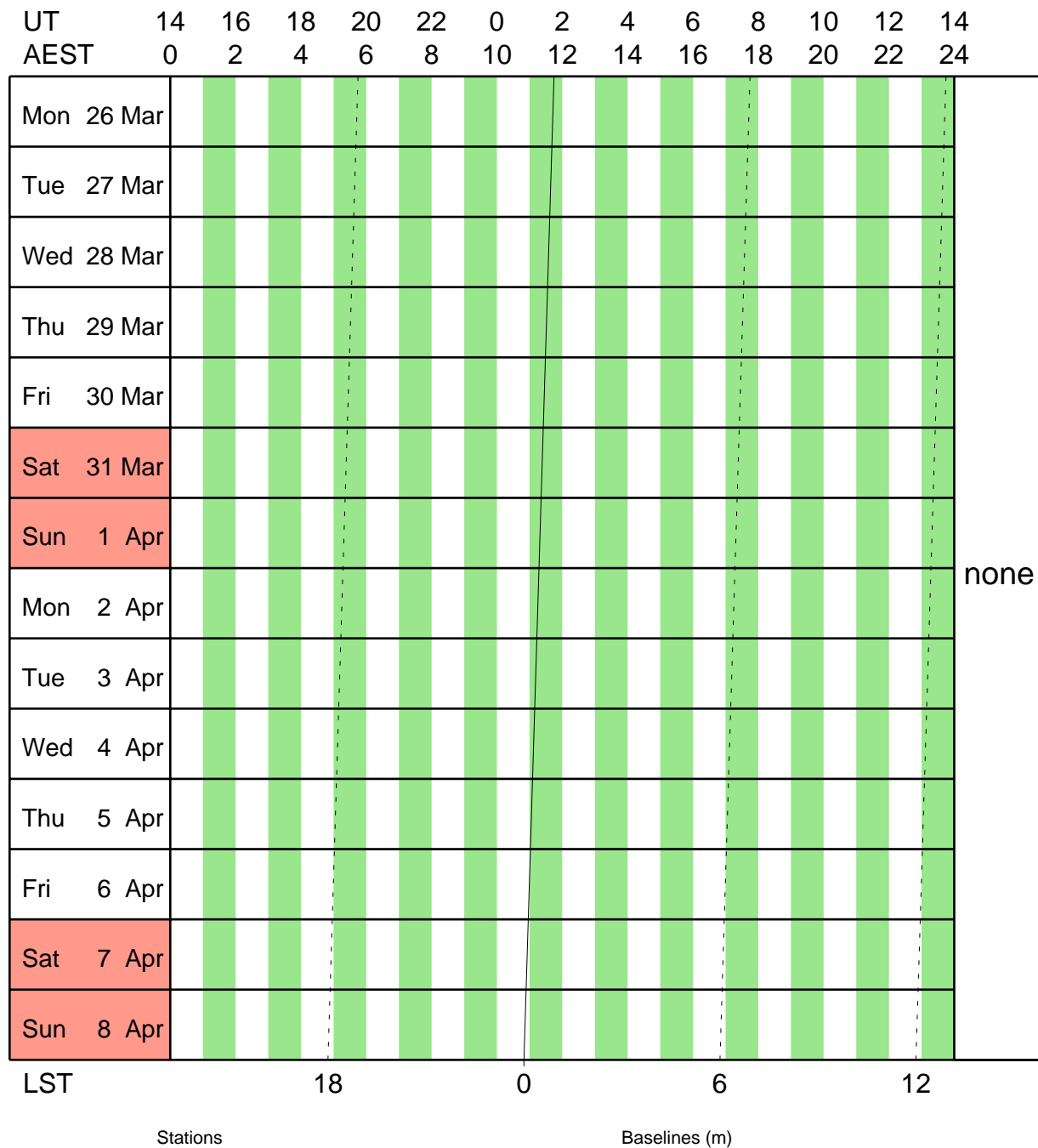


# Mopra Radiotelescope

## Schedule:- 26 Mar - 8 Apr

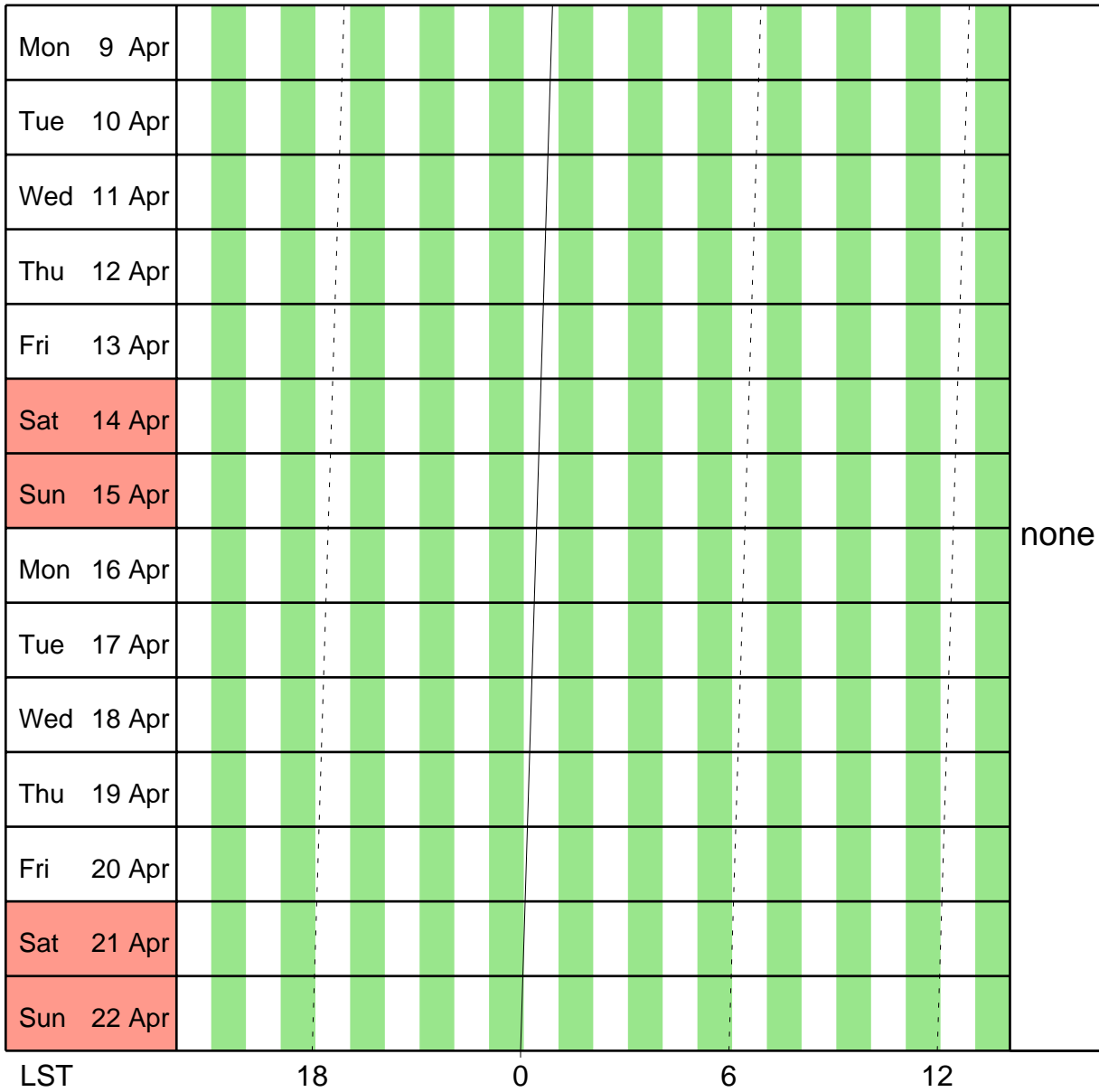


none

# Mopra Radiotelescope

## Schedule:- 9 Apr - 22 Apr

UT            14    16    18    20    22    0    2    4    6    8    10    12    14  
 AEST        0    2    4    6    8    10    12    14    16    18    20    22    24



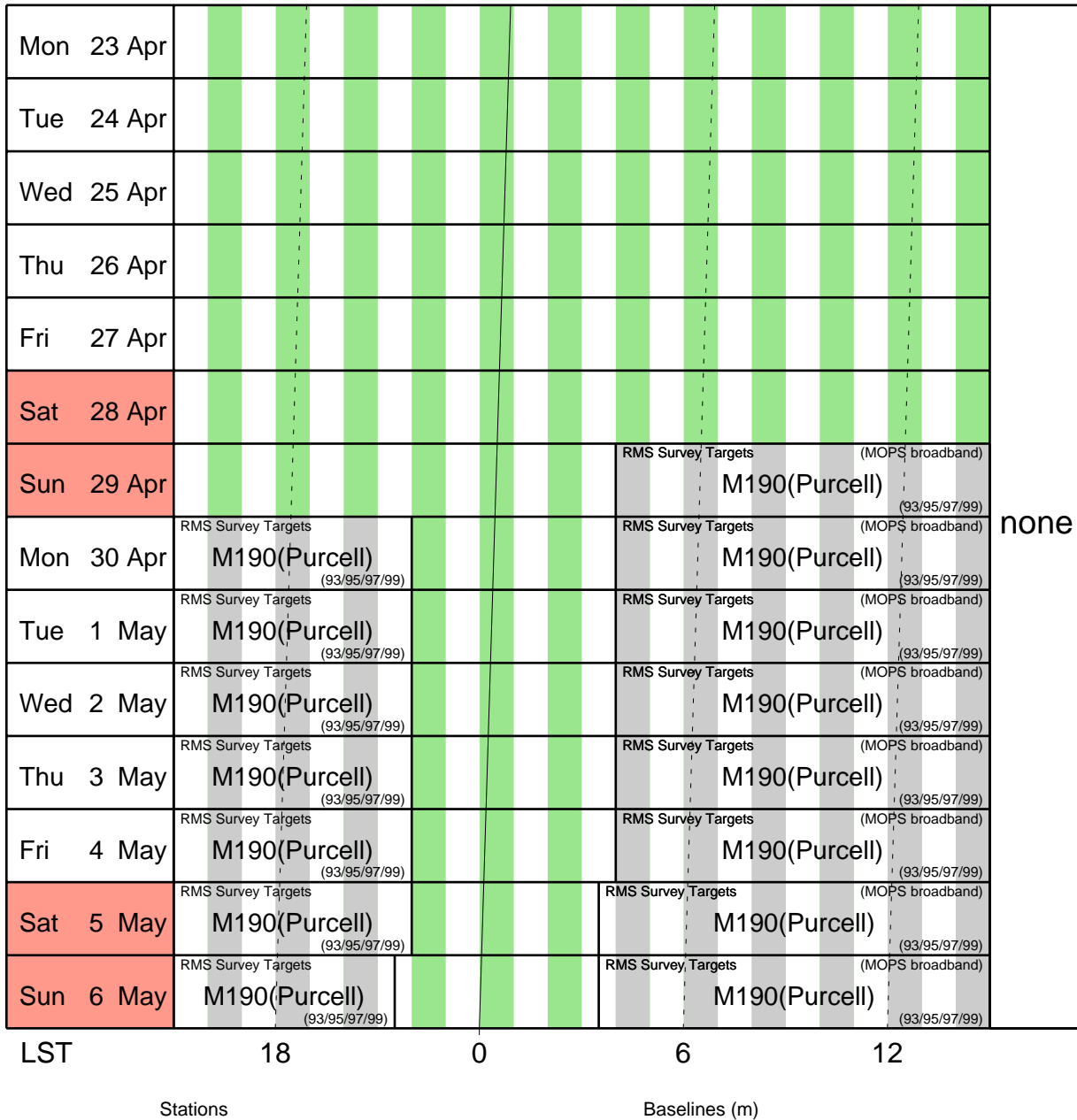
Stations

Baselines (m)

# Mopra Radiotelescope

## Schedule:- 23 Apr - 6 May

UT            14    16    18    20    22    0    2    4    6    8    10    12    14  
 AEST        0    2    4    6    8    10    12    14    16    18    20    22    24



# Mopra Radiotelescope

## Schedule:- 7 May - 20 May

UT            14    16    18    20    22    0    2    4    6    8    10    12    14  
 AEST        0    2    4    6    8    10    12    14    16    18    20    22    24

Mon 7 May	RMS Survey Targets M190(Purcell) <small>(93/95/97/99)</small>					Maintenance/Test						Lupus4a M240(Saul)		
Tue 8 May	M240 Lupus1a M240(Saul) <small>(109.782/97.981/89.189)</small>					Maintenance/Test						Lupus4b M240(Saul)		
Wed 9 May	M240 Lupus1c M240(Saul) <small>(109.782/97.981/89.189)</small>					Maintenance/Test						Lupus3 M240(Saul)		
Thu 10 May	M240 Lupus6 M240(Saul) <small>(109.782/97.981/89.189)</small>						Vela <small>(MOPS broadband)</small>		M240(Saul) <small>(109.782/97.981/89.189)</small>			M170 <small>(84.5)</small>		
Fri 11 May	Central Molecular Zone M170(Burton) <small>(84.5)</small>					Maintenance/Test						M170 <small>(84.5)</small>		
Sat 12 May	Central Molecular Zone M170(Burton) <small>(84.5)</small>											M170 <small>(84.5)</small>		
Sun 13 May	Central Molecular Zone M170(Burton) <small>(84.5)</small>											M170 <small>(84.5)</small>		
Mon 14 May	Central Molecular Zone M170(Burton) <small>(84.5)</small>					Maintenance/Test						M170 <small>(84.5)</small>	none	
Tue 15 May	Central Molecular Zone M170(Burton) <small>(84.5)</small>					Maintenance/Test						M170(Burton) <small>(84.5)</small>		
Wed 16 May	Central Molecular Zone M170(Burton) <small>(84.5)</small>				NGC1365 <small>(MOPS broadband)</small>							M170(Burton) <small>(84.5)</small>		
Thu 17 May	Central Molecular Zone M170(Burton) <small>(84.5)</small>				NGC1365 <small>(MOPS broadband)</small>							M170(Burton) <small>(84.5)</small>		
Fri 18 May	Central Molecular Zone M170(Burton) <small>(84.5)</small>				NGC1365 <small>(MOPS broadband)</small>							M170(Burton) <small>(84.5)</small>		
Sat 19 May	Central Molecular Zone M170(Burton) <small>(84.5)</small>				NGC1365 <small>(MOPS broadband)</small>							M170(Burton) <small>(84.5)</small>		
Sun 20 May	Central Molecular Zone M170(Burton) <small>(84.5)</small>				NGC1365 <small>(MOPS broadband)</small>						G333	M156 <small>(110)</small>		
LST		18		0		6		12						
	Stations													Baselines (m)

# Mopra Radiotelescope

## Schedule:- 21 May - 3 Jun

UT            14    16    18    20    22    0    2    4    6    8    10    12    14  
 AEST        0    2    4    6    8    10    12    14    16    18    20    22    24

Mon 21 May	G333 (MOPS narrowband) M156(Cunningham) (110)					Maintenance/Test					G333 M156(Cunningham) (110)		
Tue 22 May	G333 M156(Cunningham) (110)					Maintenance/Test					G333 M156(Cunningham) (110)		
Wed 23 May	G333 M156(Cunningham) (110)										G333 M156(Cunningham) (110)		
Thu 24 May	G333 M156(Cunningham) (110)		H 2356-309 M242(Giroletti) (107.6)					1ES 1101-232 M242(Giroletti) (107.6)			G333 M156(Cunningham) (110)		
Fri 25 May	G333 M156(Cunningham) (110)		H 2356-309 M242(Giroletti) (107.6)					1ES 1101-232 M242(Giroletti) (107.6)			G333 M156(Cunningham) (110)		
Sat 26 May	G333 M156(Cunningham) (110)										G333 M156(Cunningham) (110)		
Sun 27 May	G333 M156(Cunningham) (110)							Coalsack M252(Minier) (109/110/115)			G333 M156(Cunningham) (110)		none
Mon 28 May	(MOPS narrowband) M252							Coalsack M252(Minier) (109/110/115)			(MOPS narrowband) M252		
Tue 29 May	(MOPS narrowband) M252							Coalsack M252(Minier) (109/110/115)			(MOPS narrowband) M252		
Wed 30 May	(MOPS narrowband) M252							Coalsack M252(Minier) (109/110/115)			(MOPS narrowband) M252		
Thu 31 May	M252							Coalsack M252(Minier) (109/110/115)			M252		
Fri 1 Jun	M252							Coalsack M252(Minier) (109/110/115)			M252		
Sat 2 Jun	M252							Coalsack M252(Minier) (109/110/115)			M252		
Sun 3 Jun	M252										M252		
LST	18		0			6		12					
	Stations						Baselines (m)						

# Mopra Radiotelescope

## Schedule:- 4 Jun - 17 Jun

UT            14    16    18    20    22    0    2    4    6    8    10    12    14  
 AEST        0    2    4    6    8    10    12    14    16    18    20    22    24

Mon 4 Jun													
Tue 5 Jun													
Wed 6 Jun	G333	M156 (110)						Maintenance/Test	Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
Thu 7 Jun	G333	M156 (110)							Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
Fri 8 Jun	G333	M156 (110)							Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
Sat 9 Jun	G333	M156 (110)							Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
Sun 10 Jun	G333	M156 (110)							Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
Mon 11 Jun	G333	M156 (110)							Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	none
Tue 12 Jun	G333	M156 (110)							Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
Wed 13 Jun	G333	M156 (110)						Maintenance/Test	Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
Thu 14 Jun	G333	M156 (110)						Maintenance/Test	Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
Fri 15 Jun	G333	M156 (110)						Maintenance/Test	Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
Sat 16 Jun	G333	M156 (110)							Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
Sun 17 Jun	G333	M156 (110)							Musca cloud M253(Tachihara) (109.782182)		G333 (MOPS narrowband)	M156(Cunningham) (110)	
LST	18		0				6				12		
	Stations						Baselines (m)						

# Mopra Radiotelescope

## Schedule:- 18 Jun - 1 Jul

UT            14    16    18    20    22    0    2    4    6    8    10    12    14  
 AEST        0    2    4    6    8    10    12    14    16    18    20    22    24

Mon 18 Jun	G333 M156 (110)					VLBI							VLBI(Lovell)	(16) (20/13+6/3)	none
Tue 19 Jun	VLBI												VLBI(Lovell)	(16) (20/13+6/3)	
Wed 20 Jun	VLBI												VLBI(Lovell)	(16) (20/13+6/3)	
Thu 21 Jun	VLBI												VLBI(Lovell)	(16) (20/13+6/3)	
Fri 22 Jun	VLBI												VLBI(Lovell)	(16) (20/13+6/3)	
Sat 23 Jun	VLBI												VLBI(Lovell)	(16) (20/13+6/3)	
Sun 24 Jun	VLBI												VLBI(Lovell)	(16) (20/13+6/3)	
Mon 25 Jun	VLBI												VLBI(Lovell)	(16) (20/13+6/3)	
													Maintenance/Test	(100)	
													M232	(100)	
													M229(Chamberlain)	(100)	
Tue 26 Jun	Vesta (MOPS broadband)	NML Tau (MOPS broadband)	OH231.8+4.2										Vesta (MOPS broadband)	(100)	
	M229(Chamberlain)	M232(Herpin)	M232(Herpin)										M229(Chamberlain)	(100)	
Wed 27 Jun	Vesta (MOPS broadband)	NML Tau (MOPS broadband)	OH231.8+4.2										Vesta (MOPS broadband)	(100)	
	M229(Chamberlain)	M232(Herpin)	M232(Herpin)										M229(Chamberlain)	(100)	
Thu 28 Jun	Vesta (MOPS broadband)	NML Tau (MOPS broadband)	OH231.8+4.2										List	(100)	
	M229(Chamberlain)	M232(Herpin)	M232										M249(Wyrowski)	(100)	
Fri 29 Jun	M249	Asteroid Photometry (MOPS broadband)	OH231.8+4.2										List	(100)	
	M229(Chamberlain)	M232(Herpin)											M249(Wyrowski)	(100)	
Sat 30 Jun	M249	Asteroid Photometry (MOPS broadband)	OH231.8+4.2										List	(100)	
	M229(Chamberlain)	M232(Herpin)											M249(Wyrowski)	(100)	
Sun 1 Jul	M249	Asteroid Photometry (MOPS broadband)	NML Tau	OH231.8+4.2									List	(100)	
	M229(Chamberlain)	M232	M232										M249(Wyrowski)	(100)	
LST		0	6	12	18										

Stations

Baselines (m)





# Mopra Radiotelescope

## Schedule:- 16 Jul - 29 Jul

UT            14    16    18    20    22    0    2    4    6    8    10    12    14  
 AEST        0    2    4    6    8    10    12    14    16    18    20    22    24

	UT	14	16	18	20	22	0	2	4	6	8	10	12	14	
Mon	16 Jul	Ceres			(MOPS broadband)			Maintenance/Test							
Tue	17 Jul	M229(Chamberlain)						(100)			Central Molecular Zone				M170(Burton)
Wed	18 Jul	(MOPS broadband)	M170	LMC GMCs	M226(Hughes)			(MOPS narrowband)	Central Molecular Zone				M170(Burton)		
Thu	19 Jul	(MOPS broadband)	M170	LMC GMCs	M226(Hughes)			(MOPS narrowband)	Central Molecular Zone				M170(Burton)		
Fri	20 Jul	(MOPS broadband)	M170	LMC GMCs	M226(Hughes)			(MOPS narrowband)	Central Molecular Zone				M170(Burton)		
Sat	21 Jul	(MOPS broadband)	M170	LMC GMCs	M226(Hughes)			(MOPS narrowband)	Central Molecular Zone				M170(Burton)		
Sun	22 Jul	(MOPS broadband)	M170	LMC GMCs	M226(Hughes)			(MOPS narrowband)	Central Molecular Zone				M170(Burton)		
Mon	23 Jul	(MOPS broadband)	M170	LMC GMCs	M226(Hughes)			(MOPS narrowband)	Central Molecular Zone				M170(Burton)		
Tue	24 Jul	(MOPS broadband)	M170	LMC GMCs	M226(Hughes)			(MOPS narrowband)	Cen A	(MOPS broadband)	calibration				
Wed	25 Jul	M164							Cen A	(MOPS broadband)	calibration				
Thu	26 Jul	M164							Cen A	(MOPS broadband)	calibration				
Fri	27 Jul	M164	VLBI						VLBI(Lovell)						
Sat	28 Jul	VLBI							VLBI(Lovell)						
Sun	29 Jul	VLBI	LMC GMCs	M226(Hughes)			(MOPS narrowband)	Cen A	(MOPS broadband)	Red Square					
LST		0	6	12	18										
		Stations			Baselines (m)										

none

# Mopra Radiotelescope

## Schedule:- 30 Jul - 12 Aug

UT            14    16    18    20    22    0    2    4    6    8    10    12    14  
 AEST        0    2    4    6    8    10    12    14    16    18    20    22    24

Mon 30 Jul	(MOPS broadband) M236	LMC GMCs	(MOPS narrowband) M226(Hughes) (115.271)	Cen A	(MOPS broadband) M228(Henkel) (24)	Red Square M236(Tuthill) 86.2/88.6/110.2/115.3								
Tue 31 Jul	(MOPS broadband) M236	Large Magellanic Cloud	(MOPS narrowband) M172(Hughes) (115.271)	Cen A	(MOPS broadband) M228(Henkel) (24)	Red Square M236(Tuthill) 86.2/88.6/110.2/115.3								
Wed 1 Aug	(MOPS broadband) M236	Large Magellanic Cloud	(MOPS narrowband) M172(Hughes) (115.271)	Cen A	(MOPS broadband) M228(Henkel) (24)	N M231(Yamamoto)								
Thu 2 Aug	M231	Large Magellanic Cloud	(MOPS narrowband) M172(Hughes) (115.271)	Cen A	(MOPS broadband) M228(Henkel) (24)	N (MOPS narrowband) M231(Yamamoto)								
Fri 3 Aug	M231	Large Magellanic Cloud	(MOPS narrowband) M172(Hughes) (115.271)	Cen A	(MOPS broadband) M228(Henkel) (24)	N (MOPS narrowband) M231(Yamamoto)								
Sat 4 Aug	M231	Large Magellanic Cloud	(MOPS narrowband) M172(Hughes) (115.271)	Cen A	(MOPS broadband) M228(Henkel) (24)	N (MOPS narrowband) M231(Yamamoto)								
Sun 5 Aug	M231	Large Magellanic Cloud	(MOPS narrowband) M172(Hughes) (115.271)	Cen A	(MOPS broadband) M228(Henkel) (24)	S1 (MOPS narrowband) M231(Yamamoto)								
Mon 6 Aug	M231	Large Magellanic Cloud	(MOPS narrowband) M172(Hughes) (115.271)	Cen A	(MOPS broadband) M228(Henkel) (24)	S2 (MOPS narrowband) M231(Yamamoto)							none	
Tue 7 Aug	M231	Large Magellanic Cloud	(115.271) M172(Hughes)	Maintenance/Test										
Wed 8 Aug		Maintenance/Test												
Thu 9 Aug		Maintenance/Test												
Fri 10 Aug		SFOs				(MOPS narrowband) M126(Urquhart) (115.271)								
Sat 11 Aug		SFOs				(MOPS narrowband) M126(Urquhart) (115.271)								
Sun 12 Aug		SFOs				(MOPS narrowband) M126(Urquhart) (115.271)								
LST		0	6	12	18									

Stations

Baselines (m)

# Mopra Radiotelescope

## Schedule:- 13 Aug - 26 Aug

UT            14    16    18    20    22    0    2    4    6    8    10    12    14  
 AEST        0    2    4    6    8    10    12    14    16    18    20    22    24

UT	14	16	18	20	22	0	2	4	6	8	10	12	14
AEST	0	2	4	6	8	10	12	14	16	18	20	22	24
Mon 13 Aug				SFOs									(MOPS narrowband) M126(Urquhart) (115.271)
Tue 14 Aug	Sculptor M238(Chippendale) (16/25)					Antilla (MOPS broadband) M238(Chippendale) (16/25)							Massive_cores (MOPS narrowband) M230(Hill) (86.7/88.6/89.2/90.7)
Wed 15 Aug	Sculptor M238(Chippendale) (16/25)					Antilla (MOPS broadband) M238(Chippendale) (16/25)							Massive_cores (MOPS narrowband) M230(Hill) (86.7/88.6/89.2/90.7)
Thu 16 Aug	IC5152 (MOPS broadband) M238(Chippendale) (16/25)			Carina (MOPS broadband) M238(Chippendale) (16/25)									Massive_cores (MOPS narrowband) M230(Hill) (86.7/88.6/89.2/90.7)
Fri 17 Aug	IC5152 (MOPS broadband) M238(Chippendale) (16/25)				VLBI								VLBI(Lovell) (16) (20/13+6/3)
Sat 18 Aug				Carina (MOPS broadband) M238(Chippendale) (16/25)									Massive_cores (MOPS narrowband) M230(Hill) (86.7/88.6/89.2/90.7)
Sun 19 Aug													Massive_cores (MOPS narrowband) M230(Hill) (86.7/88.6/89.2/90.7)
Mon 20 Aug													MC M245(Requena-Torres) (86.5)
Tue 21 Aug													MC (MOPS broadband) M245(Requena-Torres) (86.5)
Wed 22 Aug													MC (MOPS broadband) M245(Requena-Torres) (86.5)
Thu 23 Aug													MCS (MOPS broadband) Maintenance/Test M246(Requena-Torres) (86.5)
Fri 24 Aug													MCS (MOPS broadband) Maintenance/Test M246(Requena-Torres) (86.5)
Sat 25 Aug	SMC (MOPS narrowband) M186(Muller) (115.271)												MCS (MOPS broadband) M246(Requena-Torres) (86.5)
Sun 26 Aug	SMC (MOPS narrowband) M186(Muller) (115.271)												MCS (MOPS broadband) M246(Requena-Torres) (86.5)
LST	0			6					12			18	
	Stations						Baselines (m)						

none





# Mopra Radiotelescope

## Schedule:- 24 Sep - 7 Oct

UT            14    16    18    20    22    0    2    4    6    8    10    12    14  
 AEST        0    2    4    6    8    10    12    14    16    18    20    22    24

Mon 24 Sep	Region E M136(Muller) <small>(115)</small>	(AT correlator)	IRDCs	M237(Jackson) <small>(86.847/86.340/86.754/88.632/89.189/90.664/93.173)</small>	(MOPS narrowband)	Region E M136(Muller) <small>(115)</small>	none
Tue 25 Sep	Region E M136(Muller) <small>(115)</small>	(AT correlator)	IRDCs	M237(Jackson) <small>(86.847/86.340/86.754/88.632/89.189/90.664/93.173)</small>	(MOPS narrowband)	Region E M136(Muller) <small>(115)</small>	
Wed 26 Sep	Region E M136(Muller) <small>(115)</small>	(AT correlator)	IRDCs	M237(Jackson) <small>(86.847/86.340/86.754/88.632/89.189/90.664/93.173)</small>	(MOPS narrowband)	Region E M136(Muller) <small>(115)</small>	
Thu 27 Sep	Region E M136(Muller) <small>(115)</small>	(AT correlator)	IRDCs	M237(Jackson) <small>(86.847/86.340/86.754/88.632/89.189/90.664/93.173)</small>	(MOPS narrowband)		
Fri 28 Sep			IRDCs	M237(Jackson) <small>(86.847/86.340/86.754/88.632/89.189/90.664/93.173)</small>	(MOPS narrowband)		
Sat 29 Sep			IRDCs	M237(Jackson) <small>(86.847/86.340/86.754/88.632/89.189/90.664/93.173)</small>	(MOPS narrowband)		
Sun 30 Sep							
Mon 1 Oct							
Tue 2 Oct							
Wed 3 Oct							
Thu 4 Oct							
Fri 5 Oct							
Sat 6 Oct							
Sun 7 Oct							
LST		6		12		18	0

Stations

Baselines (m)