

RSR Assignments, Configuration & Operations

Goldstone (SPC-10)

RSR1A DSS-25 X
RSR1B DSS-25 X

RSR2A DSS-14 X
RSR2B DSS-14 S

RSR3A DSS-26 X
RSR3B DSS-26 X

Canberra (SPC-40)

RSR1A DSS-34 X
RSR1B DSS-34 X

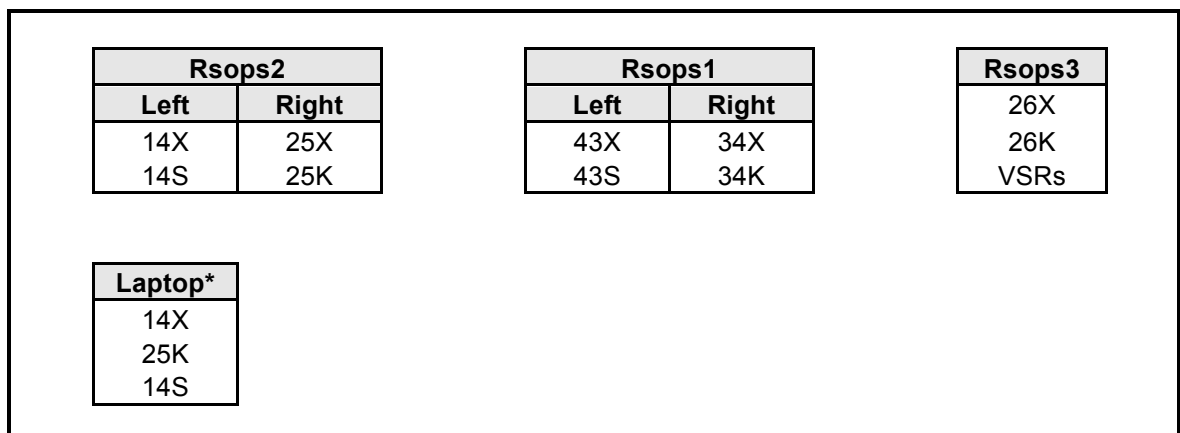
RSR2A DSS-43 X
RSR2B DSS-43 S

Madrid (SPC-60)

RSR1A DSS-55 X
RSR1B DSS-55 X

RSR2A DSS-63 X
RSR2B DSS-63 S

- All RSRs will be recording RCP
- VSRs at Goldstone and Canberra will be used to record X-LCP and S-LCP at the 70-m antennas



* Via bconnect

Subchannel Bandwidth Configuration

	<i>SPC</i>	<i>S</i>	<i>X</i>			<i>Ka</i>	
	10	14	14	25	26	25	26
Bandwidth	1	RSR2B1	RSR2A1	RSR1A1	RSR3A1	RSR1B1	RSR3B1
	16	RSR2B2	RSR2A2	RSR1A2	RSR3A2	RSR1B2	RSR3B2
	50	RSR2B3	RSR1A3	RSR1A3	RSR3A3	RSR1B3	RSR3B3
	100	RSR2B4	RSR1A4	RSR1A4	RSR3A4		
	250					RSR1B4	RSR3B4

	<i>SPC</i>	<i>S</i>	<i>X</i>		<i>Ka</i>
	40	43	43	34	34
Bandwidth	1	RSR2B1	RSR2A1	RSR1A1	RSR1B1
	16	RSR2B2	RSR2A2	RSR1A2	RSR1B2
	50	RSR2B3	RSR1A3	RSR1A3	RSR1B3
	100	RSR2B4	RSR1A4	RSR1A4	
	250				RSR1B4

	<i>SPC</i>	<i>S</i>	<i>X</i>		<i>Ka</i>
	60	63	63	55	55
Bandwidth	1	RSR2B1	RSR2A1	RSR1A1	RSR1B1
	16	RSR2B2	RSR2A2	RSR1A2	RSR1B2
	50	RSR2B3	RSR1A3	RSR1A3	RSR1B3
	100	RSR2B4	RSR1A4	RSR1A4	
	250				RSR1B4

Subchannel Bandwidth & File Size

Time 4.1666667

	SPC	S	X		Ka		
	10	14	14	25	26	25	26
Bandwidth	1	60	60	60	60	60	60
	16	960	960	960	960	960	960
	50	3000	3000	3000	3000	3000	3000
	100	6000	6000	6000			
	250					15000	15000
		10020	10020	10020	4020	19020	19020

Goldstone total: 72120 MBytes

Time 6.5

	SPC	S	X		Ka
	40	43	43	34	34
Bandwidth	1	93.6	93.6	93.6	93.6
	16	1497.6	1497.6	1497.6	1497.6
	50	4680	4680	4680	4680
	100	9360	9360	9360	
	250				23400
Total		15631.2	15631.2	15631.2	29671.2

Canberra total: 76564.8 Mbytes

Time 2.33

	SPC	S	X		Ka
	60	63	63	55	55
Bandwidth	1	33.552	33.552	33.552	33.552
	16	536.832	536.832	536.832	536.832
	50	1677.6	1677.6	1677.6	1677.6
	100	3355.2	3355.2	3355.2	
	250				8388
		5603.184	5603.184	5603.184	10635.984

Madrid total: 27445.536

Grand Total: 176130.34 MB

Recording Times

		SPC 10		S	X		Ka		
				14	14	25	26	25	26
Recording Type	Test	Begin			18:15				
		End			21:00				
	Grav. Enh.	Begin			21:00			21:00	
		End			02:30			02:30	
	Ingress	Begin	02:30	02:30	02:30	02:30	02:30	02:30	02:30
		End	06:40	06:40	06:40	06:40	06:40	06:40	06:40
	Egress	Begin							
		End							

		SPC 40		S	X		Ka
				43	43	34	34
Recording Type	Test	Begin					
		End					
	Grav. Enh.	Begin					
		End					
	Ingress	Begin	02:40	02:40	03:00	03:00	
		End	06:40	06:40	06:40	06:40	
	Egress	Begin	07:40	07:40	07:40	07:40	
		End	11:10	11:10	11:10	11:10	

		SPC 60		S	X		Ka
				63	63	55	55
Recording Type	Test	Begin					
		End					
	Grav. Enh.	Begin					
		End					
	Ingress	Begin					
		End					
	Egress	Begin	10:20	10:20	10:20	10:20	
		End	12:00	12:00	12:00	12:00	