

S11 Rev 9 Ring/Saturn Egress Occultation RSR Assignments, Configuration & Operations

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Goldstone (SPC-10)

RSR1A DSS-25 X

RSR1B DSS-25 K

RSR2A DSS-14 X

RSR2B DSS-14 S

RSR3A DSS-26 X

RSR3B DSS-26 K

Madrid (SPC-60)

RSR1A DSS-55 X

RSR1B DSS-55 K

RSR2A DSS-63 X

RSR2B DSS-63 S

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

Fgain values must be set at beginning of recording
(use values that were used for Rev 8):

34-m

70-m

All 16 bit recordings.

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Rsops2</th> </tr> <tr> <th>Left</th> <th>Right</th> </tr> <tr> <td>63 X</td> <td>55 X</td> </tr> <tr> <td>63 S</td> <td>55 K</td> </tr> </table>	Rsops2		Left	Right	63 X	55 X	63 S	55 K	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Rsops1</th> </tr> <tr> <th>Left</th> <th>Right</th> </tr> <tr> <td>14 X</td> <td>25 X</td> </tr> <tr> <td>14 S</td> <td>25 K</td> </tr> </table>	Rsops1		Left	Right	14 X	25 X	14 S	25 K	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Rsops3</th> </tr> <tr> <td>26 X</td> </tr> <tr> <td>26 K</td> </tr> <tr> <td>VSRs</td> </tr> </table>	Rsops3	26 X	26 K	VSRs
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* Via bconnect

Subchannel Bandwidth Configuration

Goldstone

	SPC	S	X			Ka	
	10	14	14	25	26	25	26
Bandwidth	1	RSR2B1	RSR2A1	RSR1A1	RSR3A1	RSR1B1	RSR3B1
	16	RSR2B2	RSR2A2	RSR1A2	RSR3A2	RSR1B2	RSR3B2
	50	RSR2B3	RSR2A3	RSR1A3	RSR3A3	RSR1B3	RSR3B3
	100	RSR2B4	RSR2A4	RSR1A4	RSR3A4	RSR1B4	RSR3B4

Madrid

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

Recording Times

SPC		S	X			Ka	
10		14	14	25	26	25	26
Ingress	Begin						
	End						
Egress	Begin	17:00	17:00	17:00	17:00	17:00	17:00
	End	20:45	20:45	20:45	20:45	20:45	20:45

SPC		S	X		Ka
60		63	63	55	55
Ingress	Begin				
	End				
Egress	Begin	17:00	17:00	17:00	17:00
	End	20:45	20:45	20:45	20:45

RSR Subchannel Bandwidth & File Size

		Time 3.75						
		SPC 10	S	X		Ka		
			14	14	25	26	25	26
Bandwidth	1	54	54	54	54	54	54	54
	16	864	864	864	864	864	864	864
	50	2700	2700	2700	2700	2700	2700	2700
	100	5400	5400	5400	5400	5400	5400	5400
	Total	9018	9018	9018	9018	9018	9018	9018

Goldstone Total: 54,108 MBytes

		Time 3.75					
		SPC 60	S	X		Ka	
			63	63	55	55	
Bandwidth	1	54	54	54	54	54	54
	16	864	864	864	864	864	864
	50	2700	2700	2700	2700	2700	2700
	100	5400	5400	5400	5400	5400	5400
	Total	9018	9018	9018	9018	9018	9018

Madrid total: 36,072 MBytes

Grand Total: 90,180 MB