

S12 Rev 10 Ring/Saturn Ingress and Egress Occultation RSR Assignments, Configuration & Operations

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

- 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 9):**

34-m

70-m

All 16 bit recordings.

Rsops1	
Left	Right
14 X	25 X
14 S	25 K

Rsops3
26 X
26 K
VSRs

Laptop*
14 S
14 X
25 K

Subchannel Bandwidth Configuration

Goldstone

	SPC 10	S	X			Ka	
		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

Recording Times

SPC 10		S	X			Ka	
		14	14	25	26	25	26
Ingress	Begin	17:45	17:45	17:45	17:45	17:45	17:45
	End	21:05	21:05	21:05	21:05	21:05	21:05
Egress	Begin	22:25	22:25	22:25	22:25	22:25	22:25
	End	01:50	01:50	01:50	01:50	01:50	01:50

RSR Subchannel Bandwidth & File Size

		Time 6.75					
	SPC 10	S	X			Ka	
		14	14	25	26	25	26
Bandwidth	1	97.2	97.2	97.2	97.2	97.2	97.2
	16	1555.2	1555.2	1555.2	1555.2	1555.2	1555.2
	50	4860	4860	4860	4860	4860	4860
	100	9720	9720	9720	9720	9720	9720
	Total	16232	16232	16232	16232	16232	16232

Goldstone Total: 97,394 MBytes

Grand Total: 97,394 MB