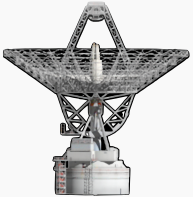
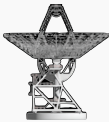


Deep Space Network Capabilities

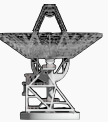
GDSCC
Goldstone, CA
SPC-10



DSS-14



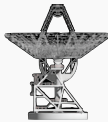
DSS-23



DSS-24

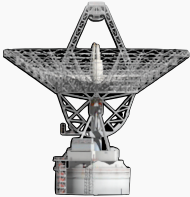


DSS-25

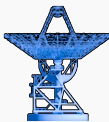


DSS-26

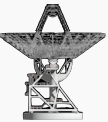
CDSCC
Canberra, AU
SPC-40



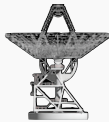
DSS-43



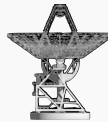
DSS-33



DSS-34

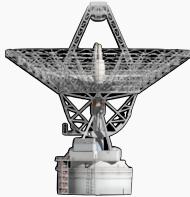


DSS-35



DSS-36

MDSCC
Madrid, ES
SPC-60



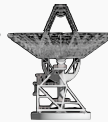
DSS-63



DSS-53



DSS-54



DSS-55



DSS-56



DSS-65

			Subnet	70m	34m BWG4	34m BWG1	34m BWG2	34m BWG3	70m	34m BWG4*	34m BWG1	34m BWG2	34m BWG3	70m	34m BWG4	34m BWG1	34m BWG2	34m BWG3	34m HEF	
Frequency Band	S	D/S	↑ 2.11–2.12	20kW	—	20kW	—	—	100kW	—	20kW	—	—	20kW w/waiver	—	20kW w/waiver	—	—	—	
			↓ 2.29–2.3	✓	✓	✓	✓*	✓	✓	—	✓	✓	✓	✓	✓	✓*	✓	✓		
		N/E	↑ 2.025–2.11	—	400W	20kW	400W*	400W	400W	—	20kW	400W	400W	—	400W	20kW	400W*	400W	400W	
			↓ 2.2–2.29	✓	✓	✓	✓*	✓	✓	—	✓	✓	✓	✓	✓	✓	✓*	✓	✓	
	X	D/S	↑ 7.145–7.19	20kW ^80kW*	20kW	20kW	20kW	20kW +80kW	80kW	20kW* +80kW*	20kW	20kW	20kW	20kW ^80kW*	20kW +80kW*	20kW	20kW	20kW	20kW	
			↓ 8.4–8.45	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		N/E	↑ 7.19–7.235	80kW*	20kW	20kW	20kW	20kW +80kW	80kW	80kW*	20kW	20kW	20kW	80kW*	20kW +80kW*	20kW	20kW	20kW	20kW	—
			↓ 8.45–8.5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	K	N/E	↑ 22.55–23.15	—	—	250W	—	250W	—	—	250W	—	250W	—	250W	—	—	250W	—	
			↓ 25.5–27.0	—	—	✓	—	✓	—	—	✓	—	✓	—	✓	✓	—	✓	—	
	Ka	D/S	↑ 34.2–34.7	—	—	—	300W ^350W†	—	—	—	—	350W*	—	—	—	—	350W†	—	—	
			↓ 31.8–32.3	—	✓	✓*	✓	✓	—	✓*	✓	✓	✓	—	✓	✓	✓	✓	—	
Operational			*05/28	*TBD			*05/27 †TBD	*10/29			*TBD			*TBD	*07/30			*03/27 †TBD		