VLBI Telescope locations

Telescope	Longitude East (°)	Latitude geodetic (°)	Elevation (m)
Narrabri	149.57	-30.31	217
Mopra	149.07	-31.30	840
Parkes	148.26	-33.00	392
Tidbinbilla(DSS43)[1]	148.98	-35.40	670
Hobart	147.44	-42.80	100
Ceduna	133.81	-31.87	160
Perth[2]	115.89	-31.80	55
Hartebeesthoek	27.67	-25.89	1391

[1] DSS45 is ∼200m from DSS43.

[2] Perth is no longer available for VLBI. Is retained here to give the WA baselines.

VLBI Baselines (km)

	Narr.	Mopra	Parkes	Tidb.	Hobart	Ceduna	Perth	Hart.
Narrabri	...	113	321	566	1396	1504	3168	9853
Mopra	113	...	207	459	1287	1449	3111	9791
Parkes	321	207	...	275	1089	1361	3009	9673
Tidbinbilla	566	459	275	...	832	1456	3053	9595
Hobart	1396	1287	1089	832	...	1702	3001	9175
Ceduna	1504	1449	1361	1456	1702	...	1689	8955
Perth	3168	3111	3009	3053	3001	1689	...	7810
Hartebeesthoek	9853	9791	9673	9595	9175	8955	7810	...

December 2004

Table 2: **VLBI telescopes – Locations and Baselines.**