

Australian Journal of Physics Astrophysical Supplement

The Parkes 2700 MHz survey (ninth part). Supplementary catalogue for the declination zone -45° to -65° . *J. V. Wall, A. J. Shimmins and J. G. Bolton*

Abstract. A catalogue of 166 radio sources is presented, covering an area of 0.63 sr with right ascensions 00^h to 03^h , 04^h to $08^h 30^m$, $17^h 30^m$ to 19^h and 20^h to 23^h between declinations -45° and -65° . The regions omitted are either close to the galactic plane ($08^h 30^m$ to $17^h 30^m$) or are covered in the third part of the Parkes 2700 MHz survey. The catalogue was compiled from a 'fast' finding survey at 2700 MHz aimed at detecting sources stronger than 0.5 Jy. Subsequent measurements at 2700 and 5009 MHz of flux density and position were made for all sources which were not in the Parkes 408 MHz catalogue and for 42 sources in the 408 MHz catalogue for which only data of low accuracy were available.

