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*A low-latitude galactic survey from $l^{\text{II}} = 46^\circ$ to 61° and 190° to 290° at 2700 MHz.**By G. A. Day, J. L. Caswell, and D. J. Cooke*

Abstract. The results of observations of the galactic plane in the longitude ranges 46° to 61° and 190° to 290° undertaken with the 64 m (210 ft) radio telescope of the Parkes Observatory are given in the form of contour maps and a list of 343 radio sources. At the observing frequency of 2700 MHz the half-power beamwidth was $8'.2$ arc. Some individual sources are discussed in detail. The present results together with those already published complete the Parkes 11 cm survey of the galactic plane.

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The Parkes 2700 MHz survey (fourth part). Catalogue for the south polar cap zone, declinations -75° to 90° . By A. J. Shimmins and J. G. Bolton

Abstract. This paper presents a catalogue of 454 extragalactic radio sources obtained from a sky survey at 2700 MHz. The area of 0.214 sr covers the south polar cap from declination -75° to -90° . The catalogue is complete to a limiting flux density of 0.26 f.u. (640 sources per steradian) at 2700 MHz and is thought to be at least 90% complete at a flux density of 0.15 f.u. (approximately 1400 sources per steradian). The positions are accurate to $16''$ arc in both coordinates for sources of 0.26 f.u. and to $13''$ arc for the stronger sources; the flux densities are accurate to 0.02 f.u. for the weaker sources and to 3% of the flux density for the stronger sources.

