Abstract Submitted for the APR15 Meeting of The American Physical Society

Timing of Large Magellanic Cloud Pulsars DEMI ST. JOHN, JOSH RIDLEY, Murray State University — We present the timing results of eight recently discovered radio pulsars in the Large Magellanic Cloud (LMC). We went to the Parkes Radio Telescope in Australia and subsequently observed each pulsar monthly, for a total of one year. We will discuss the pulsars' ages, positions, magnetic field strengths, rates of rotation and energy loss. These eight pulsars represent a third of the currently known LMC pulsar population.

Demi St. John Murray State University

Date submitted: 08 Jan 2015 Electronic form version 1.4