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**Ronald Solomon\*** (solomon.1@osu.edu) and **Richard Lyons**. *Update on the GLS Project*. Preliminary report.

I will report on the current status of the GLS Revision Project for the Classification of the Finite Simple Groups. Volume 7 of GLS has recently been published by the A.M.S., and Volume 8 is near completion. This will complete the proof of the following theorem.

**Theorem.** *Let  $G$  be a finite  $\mathcal{K}$ -proper simple group of odd type. Then either  $G$  is an alternating group of degree  $n \geq 5$  (but not 8 or 12) or  $G$  is a group of Lie type defined over a finite field of odd order or  $G$  is one of the following sporadic simple groups:  $M_{11}$ ,  $M_{12}$ ,  $J_1$ ,  $Mc$ ,  $O'N$ , or  $Ly$ .*

It will also complete the identification of generic simple groups of even type modulo certain results, notably  $p$ -uniqueness theorems for odd primes  $p$ .

I will explain the terminology and describe what remains to be done in our series. (Received January 04, 2018)