1106-20-1128 **Michael A. Jackson*** (majackson@gcc.edu). *The strong symmetric genus of some small generalized symmetric groups.* Preliminary report.

The strong symmetric genus of a finite group G is the smallest genus of a closed orientable topological surface on which G acts faithfully as a group of orientation preserving symmetries. A generalized symmetric group is a wreath product of a cyclic group of m elements by the symmetric group on n letters, $G(n,m) = C_m \wr S_n$. The strong symmetric genus is known for generalized symmetric groups for small m: the case of the symmetric groups ($m = 1$) was done by Marston Conder, while the cases for $m = 2$ (the hyperoctahedral groups) and $m = 3$ are results by the author. M. Ginter, S. Johnson, and J. McNamara found the strong symmetric genus for the generalized symmetric groups $G(n,m)$ where $n \leq 5$. In this talk we will look at other cases of the strong symmetric genus of the generalized symmetric groups $G(n,m)$ for small n. (Received September 10, 2014)