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E. Ardonne, P. Finch and **M. Titsworth*** (matthew.titsworth@utdallas.edu), 800 W Campbell Dr, Richardson, TX 75080. *On the classification of fusion categories Grothendieck equivalent to $B_{p,2}$* . Preliminary report.

In this talk we report on a family fusion categories associated to the B-series affine Lie algebras at level 2. We give an explicit presentation of their arithmetic data, discuss the structure of their monoidal equivalences and present progress towards showing that this is all of the monoidal equivalence classes. (Received September 16, 2014)