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Damir Dzhafarov, Stephen Flood and Reed Solomon* (david.solomon@uconn.edu), 196 Auditorium Road, U-3009, Department of Mathematics, University of Connecticut, Storrs, CT 06269, and **Linda Brown Westrick**. *Effectiveness for the Dual Ramsey theorem*. Preliminary report.

The Dual Ramsey theorem states that for any sufficiently nice ℓ -coloring of the k -block partitions of ω , there is a partition of ω into infinitely many pieces such that every coarsening of it to exactly k blocks has the same color. We will consider this theorem from the point of view of effective combinatorics and reverse mathematics. (Received August 28, 2016)