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Gary Gruenhage and **Robert W Heath*** (rwheath@pitt.edu), 1223 Whisper Ridge Rd.,
Auburn, AL 36830, and **Thomas Poerio**. *Cancellative topological semigroups on Suslin lines II.*

Let G be R^{ω_1} with the lexicographic order. It was shown by Dieudonne that, under vector addition G is a topological group in which all countable sets are closed. We show that if there exists a Souslin line, then there exist a Souslin L that can be embedded in G . We describe two attempts to define an embedding under which a continuous, associative, cancellative operation on L can be induced. Surprisingly enough that cannot be done. (Received January 18, 2011)