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David M Freeman* (david.freeman@uc.edu), Blue Ash College, University of Cincinnati, 9555 Plainfield Rd, Cincinnati, OH 45236. *Invertible Carnot Groups*. Preliminary report.

We will discuss a characterization of Iwasawa N-groups of real rank one non-compact simple Lie groups in terms of certain metric inversions. We will highlight connections between this characterization and the property of inversion invariant bi-Lipschitz homogeneity. (Received January 17, 2014)