1025-32-32 **John P. D'Angelo*** (jpda@math.uiuc.edu), Dept. of Mathematics, UIUC, 1409 W. Green St., Urbana, IL 61801, and **Jeremy Tyson** (tyson@math.uiuc.edu), Dept. of Mathematics, UIUC, 1409 W. Green St., Urbana, IL 61801. *Special CR Mappings from S^3 to S^{2n-1}.* Preliminary report.

An interesting family of real curves in the unit sphere arose in the first author's work on a monotonicity result for volumes of holomorphic images. All the derivatives of these curves have constant Euclidean norm. After a brief discussion of their relationship to skew-symmetric matrices, we develop a CR analogue of them. We obtain special examples of CR mappings from (the unit sphere) S^3 to S^{2N-1} and discuss their properties. (Received January 02, 2007)