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Geoffrey L Price* (glp@usna.edu), Department of Mathematics 9E, United States Naval Academy, 572C Holloway Road, Annapolis, MD 21402. *Binary shifts of higher commutant index*. Preliminary report.

It has been known for some time that all binary shifts on the hyperfinite II_1 factor of commutant index 2 are cocycle conjugate. We discuss what is known about binary shifts of higher commutant index. There are, for example, at least 2 and at most finitely many cocycle conjugate classes of binary shifts of commutant index 3. (Received September 04, 2008)