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**Jerry L Bona\*** ([bona@math.uic.edu](mailto:bona@math.uic.edu)), Dept .Mathematics Statistics & Computer Sci., The University of Illinois at Chicago, 851 S. Morgan Street MC 249, Chicago, IL 60607. *Long time bounds on higher derivatives of nearly integrable equations.* Preliminary report.

For integrable systems, the infinite system of conservation laws often provide time-independent bounds on derivatives of any order of solutions. We indicate some partial results in this direction for a non-integrable, but in some sense nearly integrable equation related to the Korteweg - de Vries equation. (Received September 24, 2006)