1069-57-285   **Alexander Zupan*** (`alexander-zupan@uiowa.edu`), University of Iowa, Department of Mathematics, 14 MacLean Hall, Iowa City, IA 52242. *Thin position of cable knots.*

We prove that thin position of any cable knot in S^3 is achieved by cabling a thin position of its companion in an "obvious" way. This proves a special case of a conjecture of the author relating the width of a satellite knot, the width of its companion, and the winding number of its pattern. The conjecture is analogous to a classical inequality proved by Schubert and later by Schultens regarding the bridge numbers of a satellite knot and its companion and the index of its pattern. Time permitting, we will discuss further progress towards resolving the conjecture. (Received January 24, 2011)