A $t$-unit-bar representation of a graph $G$ is an assignment $t$ horizontal bars of equal length to each vertex of $G$ so that two vertices $u$ and $v$ are adjacent if and only if an unobstructed vertical band of positive width joins a bar assigned to $u$ to a bar assigned to $v$. The unit bar visibility number of $G$, denoted $ub(G)$, is the minimum $t$ such that $G$ has a $t$-unit-bar representation. In this talk we present a collection of results and bounds concerning the unit bar visibility number of graphs. Our results include a linear time algorithm for determining the unit bar visibility number of any tree and asymptotically sharp bounds for complete bipartite graphs. (Received August 28, 2014)