In 2006, Arveson resolved a long-standing problem by showing that for any element $x$ of a separable self-adjoint unital subspace $S \subseteq B(H)$, $\|x\| = \sup \|\pi(x)\|$, where $\pi$ runs over the boundary representations for $S$. Here we show that “sup” can be replaced by “max”. This implies that the Choquet boundary for a separable operator system is a boundary in the classical sense; a similar result is obtained in terms of pure matrix states when $S$ is not assumed to be separable. (Received September 22, 2011)