Remark 1. Scheeper's $S(\kappa)$ requiring injections is stronger than my $S'(\kappa)$ requiring finite-to-one maps. Dow suggests that $S'(\omega_2)$ holds in ZFC. Here's my recreation of his argument.

Claim. There exists a topology on ω_2 which is locally countable, locally compact, and \aleph_0 -bounded.

Theorem. $S'(\omega_2)$.

Proof. For $\alpha < \omega_2$, let W_{α} be a compact neighborhood for which $\beta \in W_{\alpha}$ implies rank $\beta \leq \operatorname{rank}_{\alpha}$.