

last-es-snds-index^{0,22}

$\forall the_es:ES, e':E, l:IdLnk, n:\mathbb{N}_{<\|snds(l;e')\|+1}.$
 $\neg snds(l, before(e',n)) = nil \in (Msg\ on\ l)\ List$
 $\Rightarrow (\exists e:E, m:\mathbb{N}_{<\|snds(l;e)\|}.$
 $(e <loc\ e') \vee e = e' \ \&\ m < n$
 $\&\ snds(l, before(e',n)) = (snds(l, before(e,m)) @ [snds(l;e)[m]]) \in (Msg\ on\ l)\ List$
 $\&\ (\forall e'':E, k:\mathbb{N}.$
 $(e <loc\ e'') \vee e = e'' \ \&\ m < k \ \&\ (e'' <loc\ e') \vee e'' = e' \ \&\ k < n$
 $\Rightarrow \|snds(l;e'')\| \leq k)$