

es-fifo-nil^{0,22}

$\forall the_es:ES, j:E.$

$isrcv(j)$

$\Rightarrow snds(lnk(j), before(sender(j), index(j))) = nil \in (Msg \text{ on } lnk(j)) \text{ List}$

$\Rightarrow msgs(lnk(j); before(j)) = nil \in \text{Msg List}$