

es-fifo-nil^{11,40}

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

$(\uparrow isrcv(j))$

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

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