─────────────────────── MODULE *RIC* ───────────────────────

EXTENDS *Naturals*, *FiniteSets*, *Sequences*, *TLC*, *NB*, *SB*

The set of all *RIC* nodes
CONSTANT *RICNode*

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$InitRICVars \triangleq$ TRUE

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$RICHandleE2SetupRequest(n, c, m) \triangleq$
$\quad \wedge SBReply(c, [type \mapsto E2SetupResponse])$
$\quad \wedge$ UNCHANGED $\langle \rangle$

$RICHandleMessage(c) \triangleq$
$\quad \wedge Len(sbConn[c].messages) > 0$
$\quad \wedge$ LET $m \triangleq sbConn[c].messages[1]$ IN
$\qquad \wedge \vee \wedge m.type = E2Setup$
$\qquad\qquad \wedge RICHandleE2SetupRequest(sbConn[c].ricnode, c, m)$
$\qquad \wedge$ UNCHANGED $\langle \rangle$

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$RICNext \triangleq$
$\quad \vee \exists c \in$ DOMAIN $sbConn :$
$\qquad RICHandleMessage(c)$

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\ * Modification History
\ * Last modified *Tue Aug* 03 18:56:14 *PDT* 2021 by *jordanhalterman*
\ * Created *Mon Jul* 26 09:56:24 *PDT* 2021 by *jordanhalterman*

1