es-machine-axiom[11,40]

$\forall es$:ES.
($\forall e$:E.
 (timed)state after e
 =
 Trans(loc(e))(kind(e),val(e),es_state_when(es;e))
 $\in$ es_state(es;loc(e)))
& ($\forall e$:E.
    ($\uparrow$islocal(kind(e)))
    $\Rightarrow$ ($\exists n$:$\mathbb{N}$
        (($\uparrow$isl(Choose(loc(e))(act(kind(e)),n,(state when e))))
        c$\wedge$ (val(e) = outl(Choose(loc(e))(act(kind(e)),n,(state when e))) $\in$ valtype(e)))))
& ($\forall e$:E.
    ($\uparrow$isrcv(kind(e)))
    $\Rightarrow$ (<lnk(kind(e)), tag(kind(e)), val(e)> $\in$ Send(loc(sender(e)))
                                                (kind(sender(e))
                                                ,val(sender(e))
                                                ,(state when sender(e)))))

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http://www.nuprl.org/FDLcontent/p0_963683_/p30_703965_{es-machine-axiom}.html