R-Feasible^{0,22}

R-Feasible(R)
$\equiv_{\text{def}}$ case R of
Rnone => True
Rplus($left$,$right$)=>rec_1,rec_2.rec_1 & rec_2 & $left$ || $right$
Rinit(loc,T,x,v)=> AtomFree(Type;T)
Rframe(loc,T,x,L)=> Normal(T)
Rsframe(lnk,tag,L)=> True
Reffect(loc,ds,knd,T,x,f)=> Normal(ds) & Normal(T)
& (isrcv(knd) $\Rightarrow$ loc = destination(lnk(knd)))
Rsends(ds,knd,T,l,dt,g)=> (isrcv(knd)
$\Rightarrow$ (lnk(knd) = l $\Rightarrow$ T = dt(tag(knd))?Void)
& destination(lnk(knd)) = source(l))
& Normal(T) & Normal(ds)
& Normal(dt)
Rpre(loc,ds,a,T,P)=> Normal(T) & Normal(ds) & ($\forall s$:State(ds). Dec($\exists v$:T. $P(s,v)$))
Raframe(loc,k,L)=> True
Rbframe(loc,k,L)=> True
Rrframe(loc,x,L)=> True

clarification:

R-Feasible{i:l}
(R)
$\equiv_{\text{def}}$ case R of
Rnone => True
Rplus($left$,$right$)=>rec_1,rec_2.rec_1 & rec_2 & R-compat{i:l}($left$; $right$)
Rinit(loc,T,x,v)=> AtomFree(Type_i;T)
Rframe(loc,T,x,L)=> normal-type{i:l}
(T)
Rsframe(lnk,tag,L)=> True
Reffect(loc,ds,knd,T,x,f)=> normal-ds{i:l}(ds) & normal-type{i:l}(T)
& (isrcv(knd) $\Rightarrow$ loc = destination(lnk(knd)) $\in$ Id)
Rsends(ds,knd,T,l,dt,g)=> (isrcv(knd)
$\Rightarrow$ (lnk(knd) = l
$\Rightarrow$ T = fpf-cap(dt;IdDeq;tag(knd);Void) $\in$ Type_i)
& destination(lnk(knd)) = source(l) $\in$ Id)
& normal-type{i:l}(T) & normal-ds{i:l}(ds)
& normal-ds{i:l}
(dt)
Rpre(loc,ds,a,T,P)=> normal-type{i:l}
(T)
& normal-ds{i:l}

(ds)
& $(\forall s{:}\mathrm{State}(ds).\ \mathrm{Dec}(\exists v{:}T.\ P(s,v)))$
Raframe(loc,k,L)=> True
Rbframe(loc,k,L)=> True
Rrframe(loc,x,L)=> True

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p35_150469_{R-Feasible}.html