$Send(q) \triangleq \lor \land q \in TaskSet$
$\qquad\qquad\quad \land (\text{ENABLED } SendElem(q) \lor \text{ENABLED } SendRese(q))$
$\qquad\qquad \lor \land q \in ProcSet(Shared.proc)$
$\qquad\qquad\quad \land \text{ENABLED } SendSoft(q)$

$CollisionAvoidance \triangleq \forall p, q \in TaskSet \cup ProcSet(Proc) :$
$\qquad\qquad\qquad\qquad \Box(\text{ENABLED } (Send(p) \land Send(q)) \Rightarrow (p = q))$

$NoCollisionAvoidance \triangleq \exists p, q \in TaskSet \cup ProcSet(Proc) :$
$\qquad\qquad\qquad\qquad \Diamond((p \neq q) \land \text{ENABLED } (Send(p) \land Send(q)))$