

$$\begin{aligned}
& \wedge TaskState' = \\
& \quad [i \in NoRecvSet(m) \mapsto TaskState[i]] @@ \\
& \quad [i \in Task \setminus NoRecvSet(m) \mapsto [TaskState[i] \text{ EXCEPT} \\
& \quad \quad !.msg = Append(@, m), \\
& \quad \quad !.execTimer = \text{IF } Len(TaskState[i].msg) = 0 \text{ THEN } pi \text{ ELSE } @, \\
& \quad \quad !.cons = \text{IF } m.res \neq \{-1\} \text{ THEN } @ + 1 \text{ ELSE } @, \\
& \quad \quad !.res = \text{IF } m.res = \{-1\} \\
& \quad \quad \quad \text{THEN } [j \in Task \mapsto \text{IF } j = m.id \text{ THEN } -1 \text{ ELSE } @[j]] \\
& \quad \quad \quad \text{ELSE } [j \in Task \mapsto \text{IF } j \in m.res \text{ THEN } m.id \text{ ELSE } @[j]]]] \\
& \quad \wedge \text{UNCHANGED } History \\
NoRecvSet(m) & \triangleq \text{IF } Shared.chipCount \in \{2, 4\} \text{ THEN } \{m.id, 3\} \text{ ELSE } \{m.id\}
\end{aligned}$$