$\Box m.res = \{-1\}$ $\rightarrow \land Shared' = [Shared \ EXCEPT \ !.medium = \{\}]$ ∧ UNCHANGED *ProcState*

 \land CASE $m.res \neq \{-1\} \land m.procFlag = 1$

 \land UNCHANGED ProcState $\Box m.res \neq \{-1\} \land m.procFlag = 0$

 $\land ProcState' =$

 $\land Shared' = [Shared \ EXCEPT \ !.medium = \{\},$

 $\rightarrow \land Shared' = [Shared \ EXCEPT \ !.medium = \{\},$

 $RecvHard(m) \triangleq$

THEN next(m.id, Shared.proc)ELSE @]] $d \text{ EXCEPT } !.medium = \{\}]$ ocState

 $!.proc = @ \cup \{m.id\}]$

 $!.proc = @ \setminus \{m.id\}]$

 $[i \in (Proc \setminus Shared.proc) \cup NoRecvSet(m) \mapsto ProcState[i]] @@ [i \in Shared.proc \setminus NoRecvSet(m) \mapsto [ProcState[i]] EXCEPT$

 $!.token = IF \ m.id = ProcState[i].token$