Get an event from event channels $E(1), \ldots, E(N)$

$N := N$
$WF := False$

for $I := 1$ step 1 until $N$ do

begin atom

if $WF$ then $N := I - 1$; goto end

else if event in in event $1$ on $E(I)$ then

$E(I) :=$ remove 1st event from

end atom

end atom

begin atom

if $WF$ then $N := I - 1$; goto end

end atom

end atom

for $I := 1$ step 1 until $N$ do

begin atom

reset (posn I from $E(I)$) end atom

end atom

end atom

begin atom

reset (posn I from $E(I)$) end atom

end atom

end atom

end atom

event in $EV$
place an event on an event channel $E$

form event;

begin atom

if no events waiting and process

chum unempty then

scan process chain until find a process

with $WF = false$; if none found;

$WF = true$; $EV = x$ event;

if not AF then begin $AF = true$;

schedule the process

end;

goto all done;

do otherwise as in spec 1 9/19/68

c end atom;