Get an event from
event channel's $E(1), \ldots, E(K)$

$N := K$
$WF := \emptyset$,

for $I := 1 \text{ step } 1 \text{ until } N \text{ do}

begin atom

if $WF$ then $N := I - 1$; goto end
else if event channel is nonempty on $E(I)$ then (remove 1st event from $E(I)$, place in $WF$)

end $I := I + 1$; go to end

end atom;

for $I := 1 \text{ step } 1 \text{ until } N \text{ do}

begin atom

if $WF$ then $N := I - 1$; goto end
else if event channel is nonempty on $E(I)$ then (remove 1st event from $E(I)$, place in $WF$)

end $I := I + 1$; go to end

end atom;

$WF := \emptyset$.
place an event on an event channel E
form event
begin atom
if no events waiting and process
queue unempty then
scan process chain until find a process
with WF = false; if none found;
WF = true, EV = next event;
if not WF then begin WF = true;
schedule the process;
end;
goto allmare;
end atom;
end.

other cases as in spec 1 9/19/68