Ricart's And Agarwala's Algorithm

On initialization

state := RELEASED;

To enter the section

state := WANTED;

Multicast request to all processes; processing deferred here

T := request's timestamp;

Wait until (number of replies received = (N – 1));

state := HELD;

On receipt of a request <Ti, pi> at pj(i ≤ j)

if (state = HELD or (state = WANTED and (T, pj) < (Ti, pi)))

then

queue request from pi without replying;

else

reply immediately to pi;

end if

To exit the critical section

state := RELEASED;

reply to any queued requests;