Defect or not, why not try set the offending container to ioprio 3 and/or the other containers to ioprio 5 and see what happens.

I'm kind of surprised you have not tried this yet. I'm not saying it will solve your problem. I'm just saying that it wouldn't hurt to try even if you don't think you should have to do that under normal circumstances.

I have had some I/O problems in the past when certain containers are doing certain things and ioprio has helped me. Saying you don't have that problem under RHEL6 is not conclusive imho. There could be other reasons for that.