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# Trigger Control Module

## FAQ Frequently asked questions

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# 1 Timeslot Allocation

Suppose that we have one Partition running (e.g. Partition 0), with a time slot allocation of say 80%:

-can we create/configure a new TCS Partition (e.g. Partition 1) with time slot

20% without affecting the operation of the first one?

*Well, the more time slots we give to another partition, the smaller will be the percentage the first one gets.*

- can we change the time slot allocation of Partition 0 just re-configuring the time slot registers without affecting the remaining configuration parameters?

yes

- to make this change (if possible), is it necessary to stop the Run in this partition or is it sufficient to pause L1A's.

*It is not necessary to stop the run. However, I think it might be a good idea, otherwise one will be confused afterwards with regard to the total amount of data one got.*

- can we change the time slot allocation of both partition to say 50%-50%, by pausing the triggers in both partition, reconfiguring the time slot registers and re-starting L1A's?

yes

Other questions are:

- can we Start/Stop runs in one Partition without affecting the running of the other Partitions?

yes

- do we have a Run Number register for each Partition?

*This I am not sure, I'll ask Toni when he's back.*