

Table 1: Parameters (C, Nb, and bunch spacing) of CR, SR, TDT, preDR, and DR:

	C (circumference : m)	Nb (number of bunches in a ring)	bunch spacing (ns)
CR	300	166	6
SR	125 (It was 150 in the presentation for simplicity)	834	0.5
TDT	50	330 (part of bunches killed at injection)	0.5
preDR	???	312	0.5
DR	???	312	0.5

Table 2: Single generation cycle of CR and SR:

CR	100 turns for gamma generation (166 x 100 = 16600 bunches are generated)	300 turns for beam cooling
SR	200 turns for positron injection	600 turns for beam damping

Table 3: Number of stacking in SR and TDT:

	number of stacking in the same bucket	where?	damping in the ring?
SR	about 20 (*)	longitudinal phase space	beam is damped in SR
TDT	3(**)	transverse phase space (it makes the emittance larger, probably by factor 10)	NO damping

(*) Number of stacking in the same bucket in SR:

166 x 100 = 16600 bunches are generated by CR.

Number of bunches of SR = 834

$16600/834 = 20$, about 20 bunches are stacked in SR in the same bucket.

(**) Stacking in TDT:

3 times of stacking in TDT in transverse phase space makes the emittance larger, probably by factor 10. No damping in TDT is assumed.