Target Checklist

Read all notes, please!

Checked by (name): ______________________________

Date/time: ______________________________

OK	check	not-OK action	
☐	**TaCoS environment is running**	call expert	☐
☐	tcc is running		☐
☐	no emergencies are displayed in tcc[1]		☐
☐	no HV-alarms[2]		☐
☐	ZEUS/HERMES display is running		☐
☐	rate distribution display is running		☐
☐	bunchcontribution display is running		☐
☐	ford is running[3]		☐
☐	**Get an OK from the coordinating experiment**	call run coordinator	☐
☐	**Start Target operation**	call expert	☐
☐	Set the Autorate to 1MHz		☐
☐	Adjust all emergencies (see note[4])		☐
☐	IA-rate is below 0.25 MHz[5]		☐
☐	BG-rate is below 0.25 MHz[6]		☐
☐	Select a wire and watch it finding the beam[7]		☐
☐	Rise the Autorate step by step till you reach desired level[8]		☐

[1] This means: 'target-connection OK' and 'No Bufferoverflow!'
[2] Look at the HV-xterm, if you find any 'malfunction' or 'alarm'.
[3] information on Bunchcontribution-display is updated
[4] Depending on the HERA conditions and your own plans you may alter the values below.
If unsure call expert. Good defaults are:
```
emergency(OA): 50 MHz
emergency:  30 MHz
emergency(BG): 0.3 MHz
rateloss-detect:  0.010 MHz
rateloss-detect:  10 times
```
[5] If you know how, adjust the corresponding parameter in the expert-menu. If unsure call expert!
[6] Adjust the 'emergency(BG)' if BG is below 5MHz. If unsure call expert!
[7] Refer to the short term plan on the run coordination home page.
However II inner is a good choice for single wire runs, which are still default right now.
[8] Don't forget to watch the BG's of the other experiments:
If the BG rate of the other experiments wasn't red (on the tcc interface) before you inserted the wire, but turns red due to your actions, clearify the situation with the corresponding experiment.
If you need assistance please call run coordinator or expert.

Target -- Run Stop Checklist

Read all notes, please!

Checked by (name): ______________________________

Date/time: ______________________________

OK	check	not-OK action	
☐	Totally move out wires	call expert	☐
☐	Reduce rate to 1MHz		☐
☐	Deselect each selected wire and wait all of them reaching the initial position.		☐
☐	Calibrate all wires		☐
☐	Comments[101] ______________________________ ______________________________ ______________________________ ______________________________ ______________________________ ______________________________ ______________________________ ______________________________	mail expert	☐

[101] Some general comments about the run, any strange or unusual observation.