Trigger elements for HERA-II

```
* --------  TG o --------  Lumi/eTag -------- TE 112 - 119 --------*
#DEF  LU_PD_very_low = o t0   E(PD)     > E_very_low_min (~ 2-3 GeV)
#DEF  LU_PD_low      = o t1   E(PD)     > E_low_min      (~   5 GeV)
#DEF  LU_ET_40       = o t2   E(ET40)   > E_ET40_low     (~  10 GeV)
#DEF  LU_ET_6        = o t3   E(ET6)    > E_ET6_min      (~ 2-3 GeV)
#DEF  LU_PD          = o t4   E_PD_low  < E(PD) < E_PD_high
#DEF  LU_WatVet      = o t5   WV(veto) .OR. WV(spectrometric)
#DEF  LU_LED_Flag    = o t6   Calibration
#DEF  LU_CAL_Flag    = o t7   Calibration
```

N.Gogitidze, 20.11.2002

SubTriggers for HERA-II

e-Tag Monitor SubTriggers

```
s90  LU_ET_40            (e-Tag_40 single rate)
 bgr calculation for low y tagged gp
s99  LU_ET_6             (e-Tag_6 single rate)
 bgr calculation for medium y tagged gp
```

Luminosity Monitor SubTriggers

```
s91  LU_PD_low
 Basic Trigger for offline luminosity calculation
s92  LU_PD&&!LU_WatVet
 Calibration of Photon Detector
s93  LU_WatVet
 Calibration of Lumi System, Trigger Eff. for Taggers
s94  LU_ET_6 && LU_PD && !LU_WatVet
 Calibration of Lumi System (e-Tag_6 & PD)
s95  LU_ET_6 && LU_PD && LU_WatVet
 Calibration of Lumi System (e-Tag_6 & PD & WaterVeto)
```