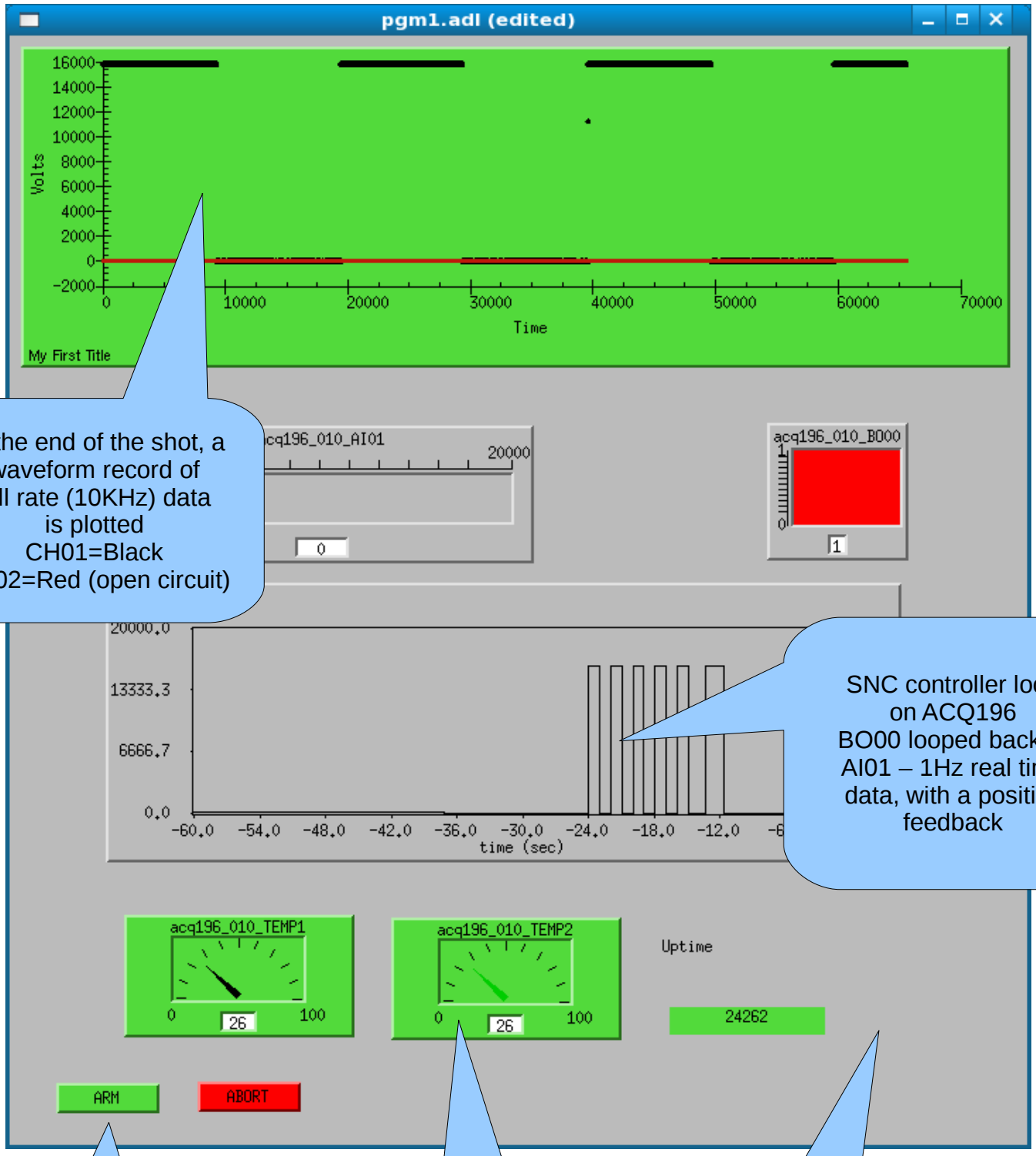
ACQ196 with embedded EPICS IOC

Combined Process Controller and Transient Digitizer



At the end of the shot, a waveform record of full rate (10KHz) data is plotted
CH01=Black
CH02=Red (open circuit)

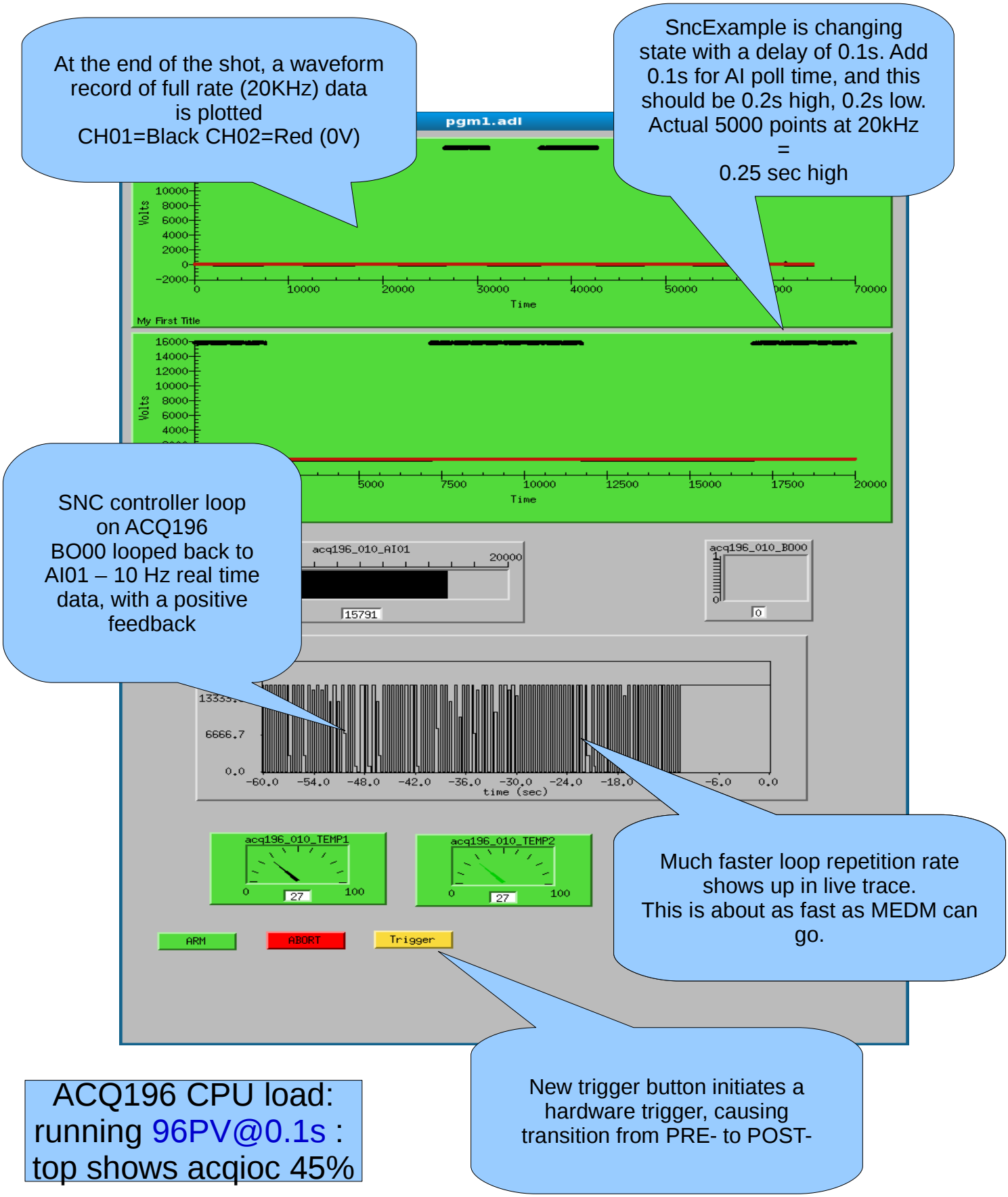
SNC controller loop on ACQ196
BO00 looped back to AI01 – 1Hz real time data, with a positive feedback

START CAPTURE

Display a few PV's (TEMP1, TEMP2, Uptime

MEDM screen on host computer provides OPI

New Software demonstrates: 10Hz mean update, Trigger



ACQ196 CPU load: running 96PV@0.1s : top shows acqioc 45%