

Setpoint Rate Limiting

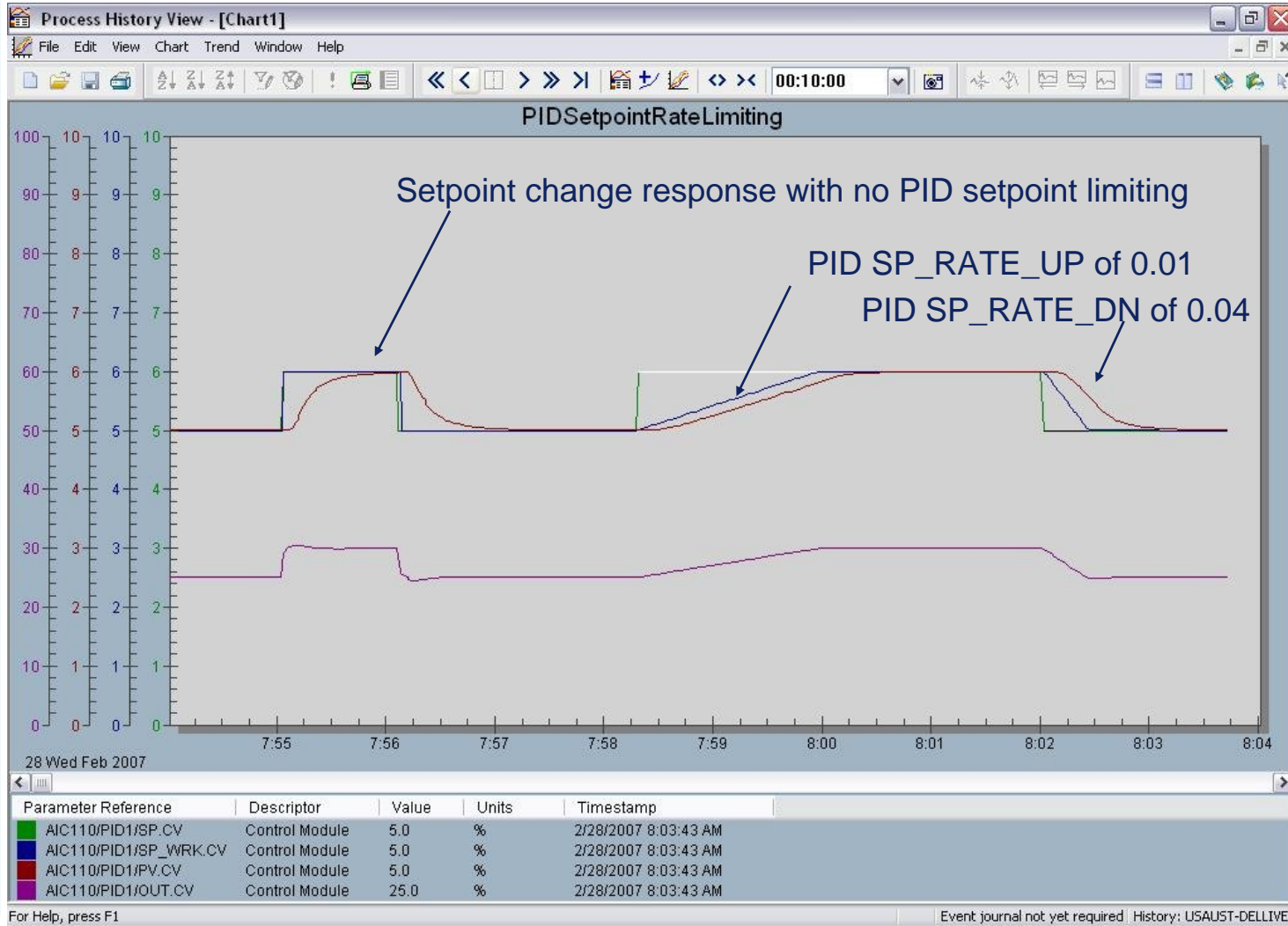
PID and AO Function Blocks

Setpoint Rate Limits, Working Setpoint Parameters

The screenshot displays the Control Studio interface for a process labeled 'AIC110'. The main workspace shows a control loop diagram with three components: an AI (AI1) block, a PID (PID1) block, and an AO (AO1) block. The AI block is connected to the PID block, which is in turn connected to the AO block. The PID block is highlighted with a dashed box. The parameter table in the bottom-left corner lists various parameters, with blue arrows pointing from the diagram to specific parameters: 'Setpoint' points to 'SP', 'Setpoint Rate Limits' points to 'SP_RATE_DN' and 'SP_RATE_UP', and 'Working Setpoint' points to 'SP_WRK'.

Parameter	Default	Link
SHED_OPT	Normal she...	
SHED_TIME	0	
SIMULATE	Disabled, 0	
SIMULATE_IN	0	
SP	0	
SP_FTIME	0	
SP_HI_LIM	10	
SP_LO_LIM	0	
SP_RATE_DN	0	
SP_RATE_UP	0	
SP_WRK	0	
STATUS_OPTS	Non-zero	
STDEV	0	
STDEV_CAP	0	
STDEV_LIMIT	5	
STDEV_TIME	0	
STRUCTURE	PI action on ...	
TRACK_OPT	Use last Go...	

Example – Setpoint Rate Limiting in PID Block



Example – Setpoint Rate Limiting in AO Block



For Help, press F1

Event journal not yet required | History: USAUST-DELLIVE