RCC FOC Timing - Slave Mode

RHIC Clock from Master

Run/Stop from Master

Global delay ~ 30ns

Clock after Global Delay

Run/Stop after Global Delay

Clock rising edge now
AFTER Run/Stop edge

Clock after Clock Delay

Clock with minimum
channel delay

Run/Stop re-latched with
minimal delayed clock

Transit time through latch

Clock with large
channel delay

Transit time through latch

Run/Stop re-latched with
large delayed clock

E.G. Judd 30th September 2010