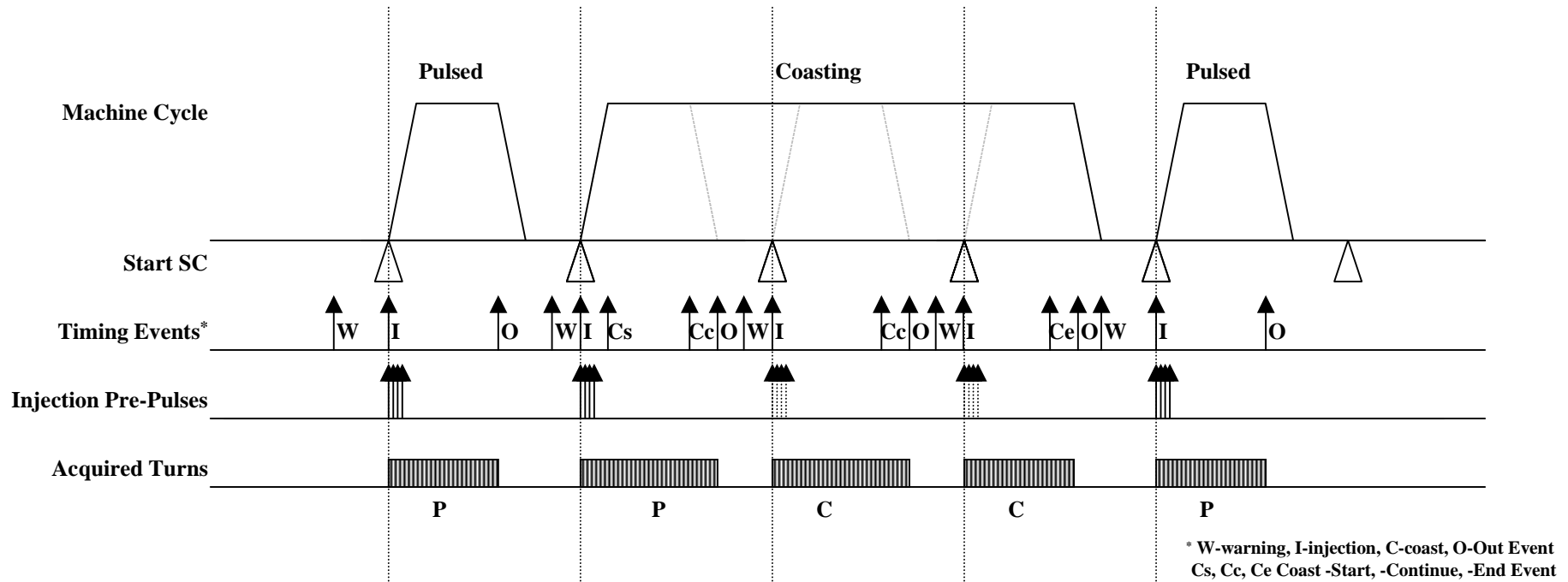


MOPOS Acquisition Modes



In pulsed mode: At the warning event the measurement is armed by the pre-pulse and turn selected. The turn by turn data are then stored and transferred into memory.

The duration of the acquisition transfer is defined by XPOS or aborted by the Out event.

The injection event is not required for the acquisition, but used to gate the triggers for the timing diagnostics.

Compulsary signals: Warning, Out Event, Pre-pulses and Turns clocks.

In coast mode: The pre-pulses will be simulated by SL-RF and used start the measurement. The Out event is moved to 300 ms before the warning after the following (pseudo) cycle. This way more turns can be stored in memory, 6000 ms in pulsed mode can be increased to 23000 ms in coast.

In the absence of pre-pulses the acquisition needs to be armed by the injection event. The *coast start* event will be used to trigger.

The *coast start* event is placed after the injection event, the *coast continue* event before the Out event, and the *coast end* event before the warning event.