

Below is an attempt at merging mantis items 709, 711, 712 and 734.

Note that mantis 712 also has a couple of changes that are not shown here (for table 15-3 and figure 15-1).

Section 15.2 (page 186) - mantis 734

Evaluation events also include PLI callbacks, which are points in the execution model where ~~user-defined external~~ **PLI application** routines can be called from the simulation kernel.

Section 15.3 (page 187) - mantis 734

The Pre-active region ~~is specifically for~~ **provides** a PLI callback control point that allows ~~for user code~~ **PLI application routines** to read and write values and create events before events in the Active region are evaluated (see 15.4).

The Pre-NBA region ~~is specifically for~~ **provides** a PLI callback control point that allows ~~for user code~~ **PLI application routines** to read and write values and create events before the events in the NBA region are evaluated (see 15.4).

The Post-NBA region ~~is specifically for~~ **provides** a PLI callback control point that allows ~~for user code~~ **PLI application routines** to read and write values and create events after the events in the NBA region are evaluated (see 15.4).

Section 15.3 (page 188) - mantis 734, 712

The Post-observed region ~~is specifically for~~ **provides** a PLI callback control point that allows ~~for user code~~ **PLI application routines** to read values after properties are evaluated (in Observed or earlier region).

NOTE: The PLI currently does not schedule callbacks in the Post-observed region.

The Pre-Postponed region ~~is specifically for~~ **provides** a PLI callback control point that allows ~~for user code~~ **PLI application routines** to read and write values and create events after processing all other regions except the Postponed region.

Section 15.3 (page 188) - mantis 709, 734

The Preponed region ~~is specifically for~~ **provides** a PLI callback control point that allows ~~for user code~~ **PLI application routines** to access data at the current time slot before any net or variable has changed state. **Within this region, it is illegal to write values to any net or variable, or to schedule an event in any other region within the current time slot.**

NOTE: The PLI currently does not schedule callbacks in the Preponed region.

Section 15.3 (page 189) - mantis 711, 734

The Postponed region ~~is specifically for~~ **provides** a PLI callback control point that allows ~~for user code~~ **PLI application routines** to be suspended until after all the Active, Inactive, **NBA, Observe and Reactive** ~~and NBA~~ regions have completed. Within this region, it is illegal to write values to any net or variable, or to schedule an event in any previous region within the current time slot.