

Proposed change to Figure 178B-9 (RTS update state diagram) (in support of comment #403)

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Motivation

- Simplification of Figure 178B-9 has been proposed in [slavick_3dj_03_2603](#) and [mascitto_3dj_01_2605](#).
- The previous proposals did not account for possible change of `isl_ready` during the `forward_rts_timer`, so were not exactly equivalent to the existing state diagram.
- The current proposal has modified transition conditions to make the 3-state diagram equivalent to the original.
 - As shown in the next slide, noting the constant terms in the conditions.
- The proposed simplification would make the diagram easier to understand and help readers, implementers, and troubleshooters.

D3.1

Constant terms

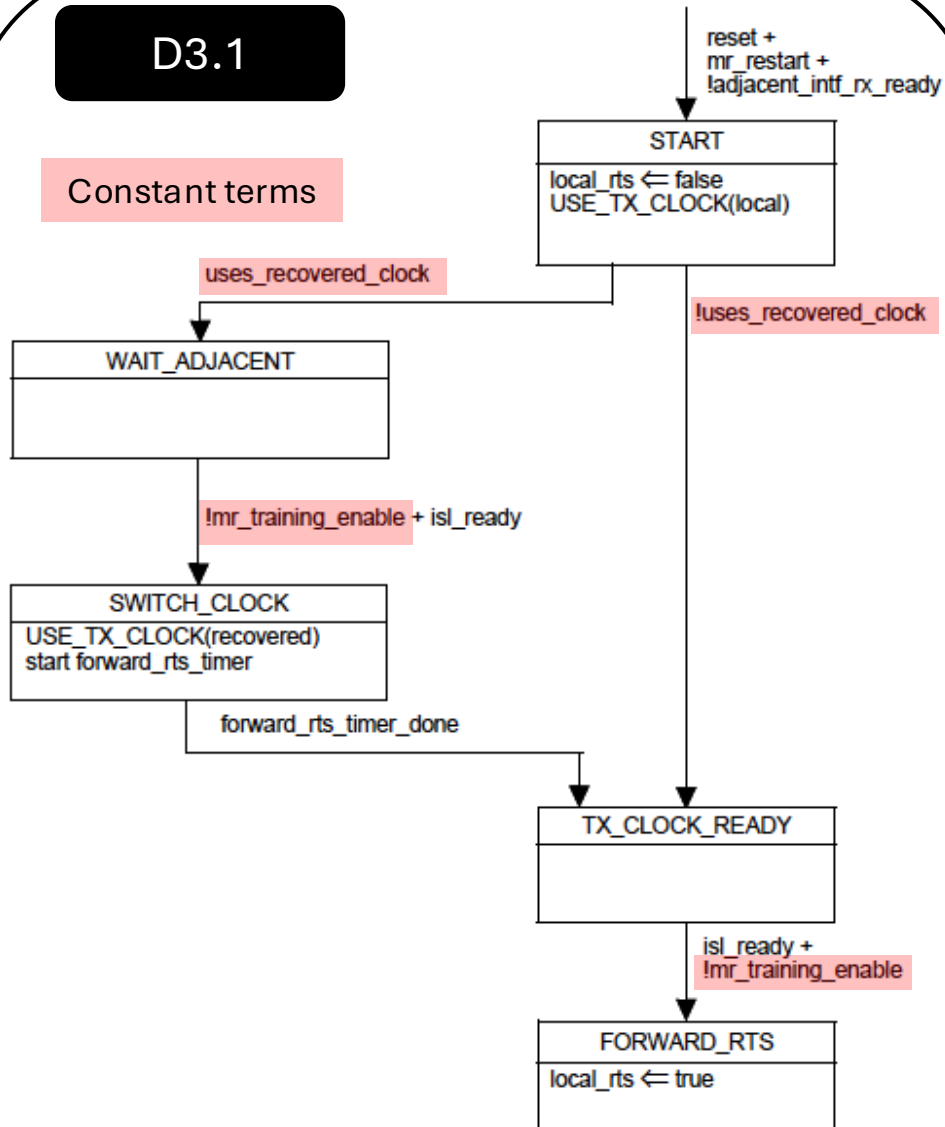
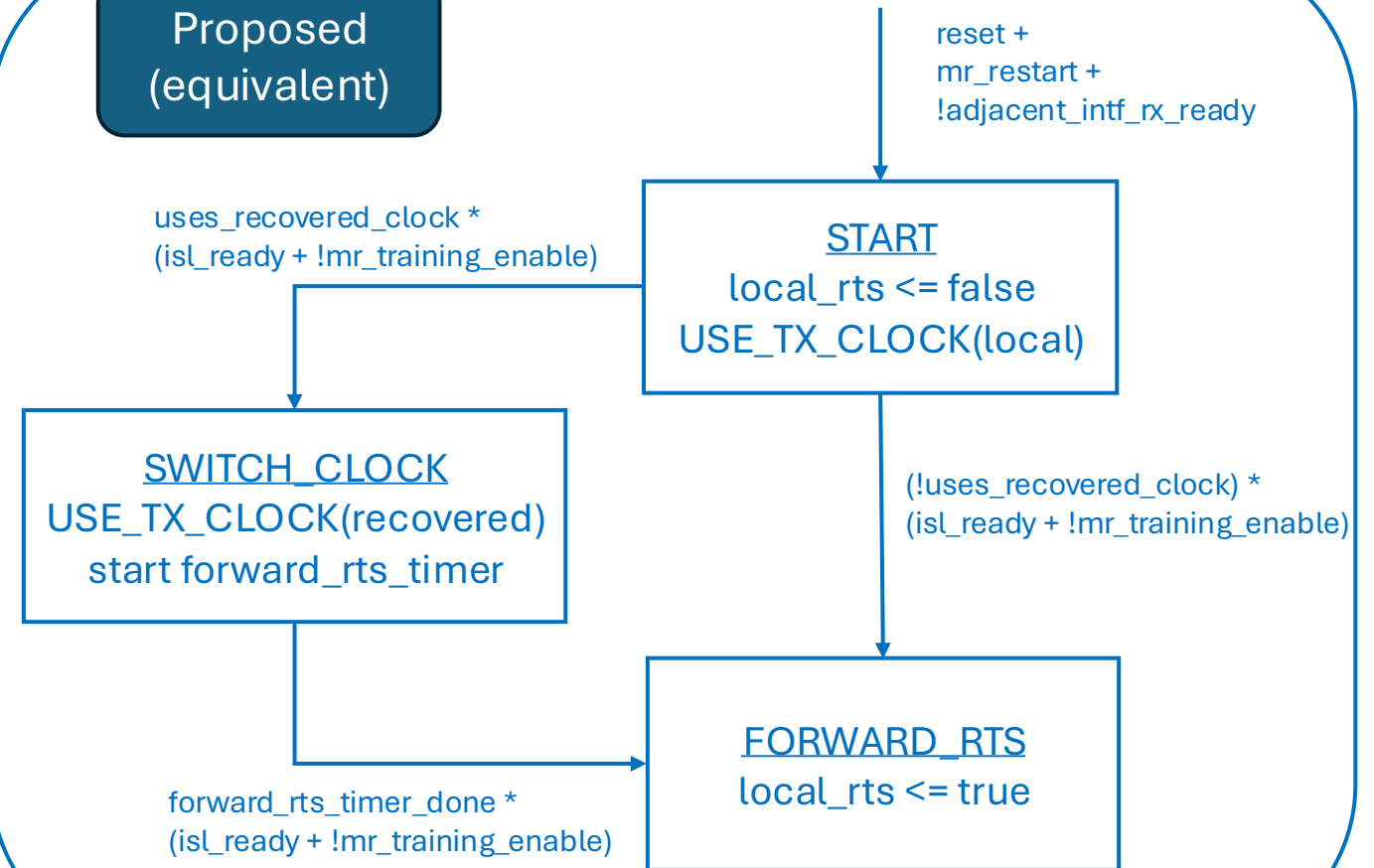


Figure 178B-9—RTS update state diagram

Figure 178B-9

Proposed
(equivalent)



Summary

- Propose to simplify Figure 178B-9 as shown on slide 3. The functionality is fully equivalent.
- No other changes are required.