BA 2.0 Ballot Review

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Id	Ballot comment	Discussion	Decision
R01	D1(1): Change "The Behavior Annex document" to "This Behavior Model Annex document"	Ok	change "The" to "This"
R02	D2(2): Must there be at least one final state?	Yes, corresponds to the "thread halted" state defined in the core.	no change
R03	D2(2): Change "completed" to "terminated"	Ok	change "completed" to "terminated"
R04	D2(3): Change "intermediate computational states" to "intermediate execution states"	Ok	use "execution state" and "execute condition" everywhere
R05	D2(7): Eliminate, or move, first sentence.	First sentence refers to subprograms whereas the rest of the paragraph refers to threads.	no change
R06	D3(11): Why should process components have behavior automata (other than for modes)?	Change "have behavior automata…" by "may have behavior automata…"	change "have" to "may have"
R07	D3(23): Add "branches and loops" to second sentence	Ok	add "branches and loops" to second sentence

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R08	D3(26): Change "thread halted" ot "thread not yet begun"	Would prefer to keep the name of the state defined in the core. Would suggest to rename "stopped thread" by "thread halted" too.	change "thread halted" into "thread not yet begun (thread halted)" and "stopped thread" ito "thread stopped (thread halted)" and ref to AS5506C 5.4.1
R09	D3(29): Change "dispatch trigger will result" to "dispatch trigger might cause"	In which case a dispatch trigger does not result in triggering a transition ?	change "dispatch trigger will result" to "dispatch trigger might cause"
R10	D3(29): Change "dispatch condition leaving that state" to "dispatch condition of a transition leaving that state"	Ok	change "dispatch condition leaving that state" to "dispatch condition of a transition leaving that state"
R11	D3(31): Change "transitions the execution condition (if present)" to "transitions, each dispatch condition"	Ok	change "transitions the execution condition (if present)" to "transitions, each dispatch condition"
R12	D5(16): Table 1: "Receive_Inputs" to "Receive_Input"	Ok	change "Receive_Inputs" to "Receive_Input"
R13	Package identifiers in "Examples" sections are formatted partially in bold (as keywords) but should be formatted as other identifiers.	Ok (8 changes)	change "**BA**" to "BA"

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R14	Page 10: event_trigger rule: the rule states incoming event port or data port component reference, while the reference is to a subcomponent port. Would that be an outgoing port from a subcomponent, while it would be incoming for theport of the component that contains the annex subclause?	Discrepancy probably due to the change requests D.4-03 and D.4-04 related to mode transitions. In the general case, should not refer to a subcomponent port: `port_component` `_reference ::=` `  [` `subcomponent_n` `ame . ]` `port`_identifie` `r`	change `port_component_reference ::=` `  subcomponent`_name . `  port`_identifier to `port_component_reference ::=` `  [ subcomponent`_identifier .] `  port`_identifier
R15	Page 10: grammar is missing dispatch_condition grammar rule.	Defined in section D.4 (Page 14)	no change

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R16	Page 11: (C1) It is not clear whether the whole subclause of the extension replaces the subclause of the original.	Its a complete replacement	add "in which case the descendant subclause completely replaces the ancestor one" (+ note for future use)
R17	Page 11: (C2): it is not clear what it means for two subclauses "to conflict". This seems to hint at indidivual declarations within the subclauses.	We should be more restrictive and specify the the BA of the subcomponents replaces the BA of its containing component (except for Modes and Subprograms inside Threads)	change "if they conflict" to "except for subprograms or when the behavior annex subclause expresses a refinement of modes and mode transitions" (+ note for future use)
R18	Page 5 (4) bullet 4 seems to suggest that external events that are not dispatch conditions trigger mode transitions. Page 11 (C5) bullet 1 suggests that dispatch conditions must be used to express mode transitions.	(C5) refers to non modal threads only: "[...] a dispatch condition must be used to express a mode transition" --> "[...] a dispatch condition is the only way to express a mode transition in a behaviour subclause".	change "a dispatch condition must be used to express a mode transition" to "a dispatch condition is the only way to express a mode transition in a behaviour subclause"
R19	Change all AS5506B to AS5506C	Ok (24 changes)	change AS5506B to AS5506C everywhere
R20	Page 7: Paragraphs 20 and 21 read very similarly.	Remove one of them ?	remove paragraph (20)