ID	Problem	Action	Effects DTD	Line No in source example	Line No in DTD example
1.	Local Material Orientation relative to global frame of reference definition is missing for anisotropic materials.	On Node Material Added attribute CID for the local frame of reference ID number. With the assumption that the major orthotropic axis follows the x-axis direction of this system.	y	004	022
2.	For a composite Laminate, number of layers is missing	On Node[Material] Added attribute Nlayers	y	004	021
3.	Material ID specifier to associate material with finite elements or other geometry is missing. The BulkDetails->Name value can be very long and cannot be used in some cases.	On Node BulkDetails Added child node MaterialID	y	006	024
4	Component ID specifier to associate material with finite elements or other geometry is missing. The ComponentDetails->Name value can be very long and cannot be used in some cases.	On Node ComponentDetails Added child ComponentID	y	569	041,042
5.	To deal with Stackup sequence of laminas(plies) that form the laminate	Added a PropertyDetails option called StackupSequence	n	467	NA
6.	Material Thickness def is Missing	Added a PropertyDetails option called Thickness	n	517	NA
7.	Value is a sibling of PropertyDetails instead of a child	Made it a child	y	033	032
8.	Account for Non-linear (non-elastic) constitutive response	Added 3 PropertyDetails nodes to account for coefficients c11 c12 and c22 of a 3 parameter dissipated energy function	n	567	NA

9	Factored version of Parameters to obey object oriented inheritance is missing	Added ParameterDetails node as a child of Parameters node that has Name, Value, Units as children similar to PropertyDetails and Componenet Details	y	036	039,040
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