

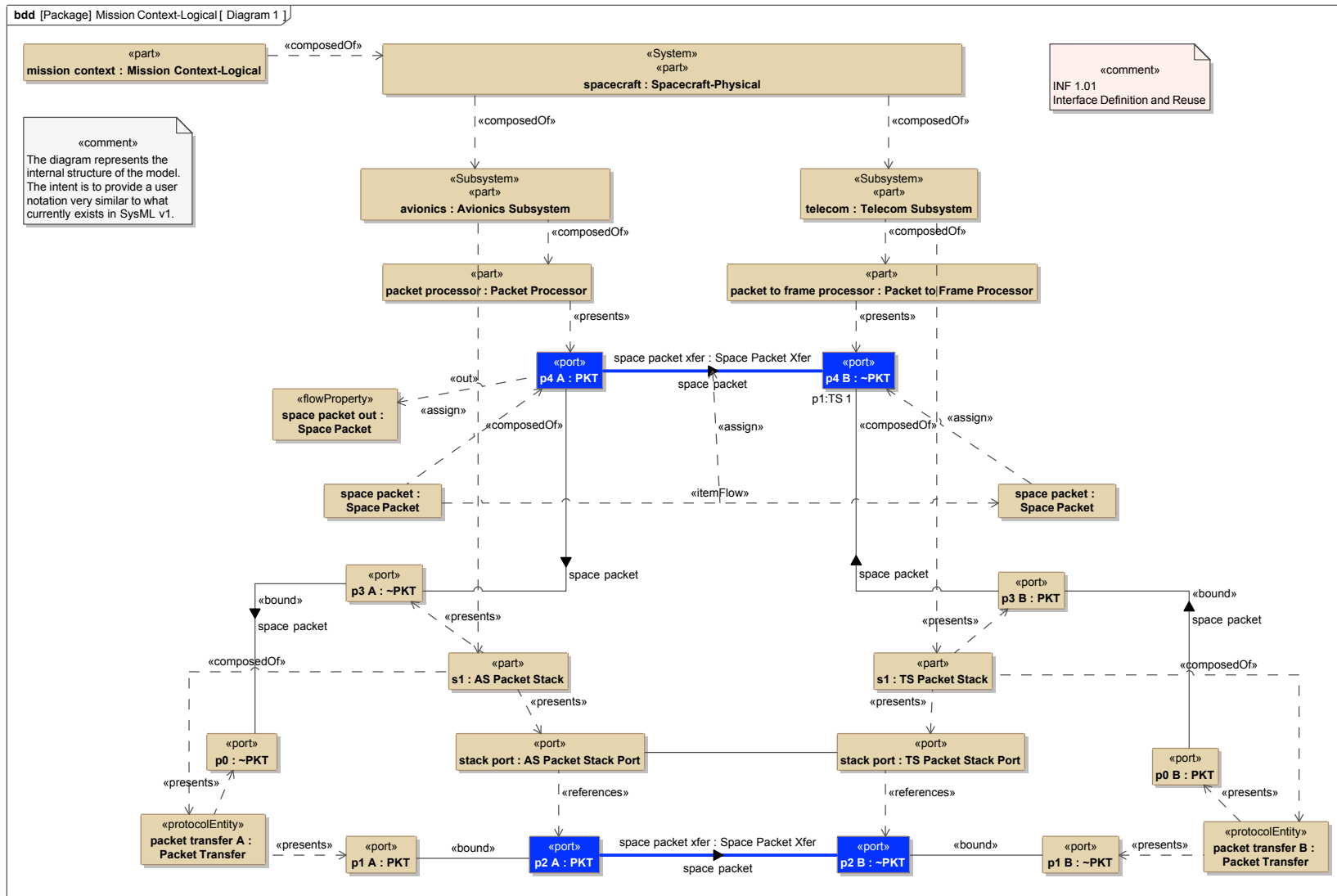
SysML Submission Team Interface Requirements

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Interface Definition and Re-Use

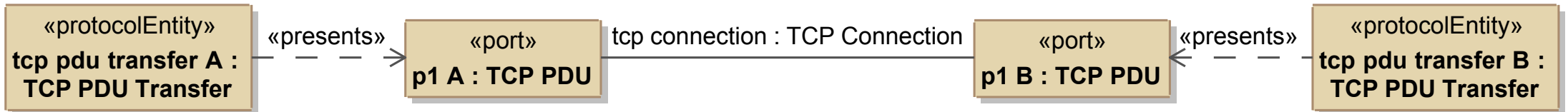


Interface Usage

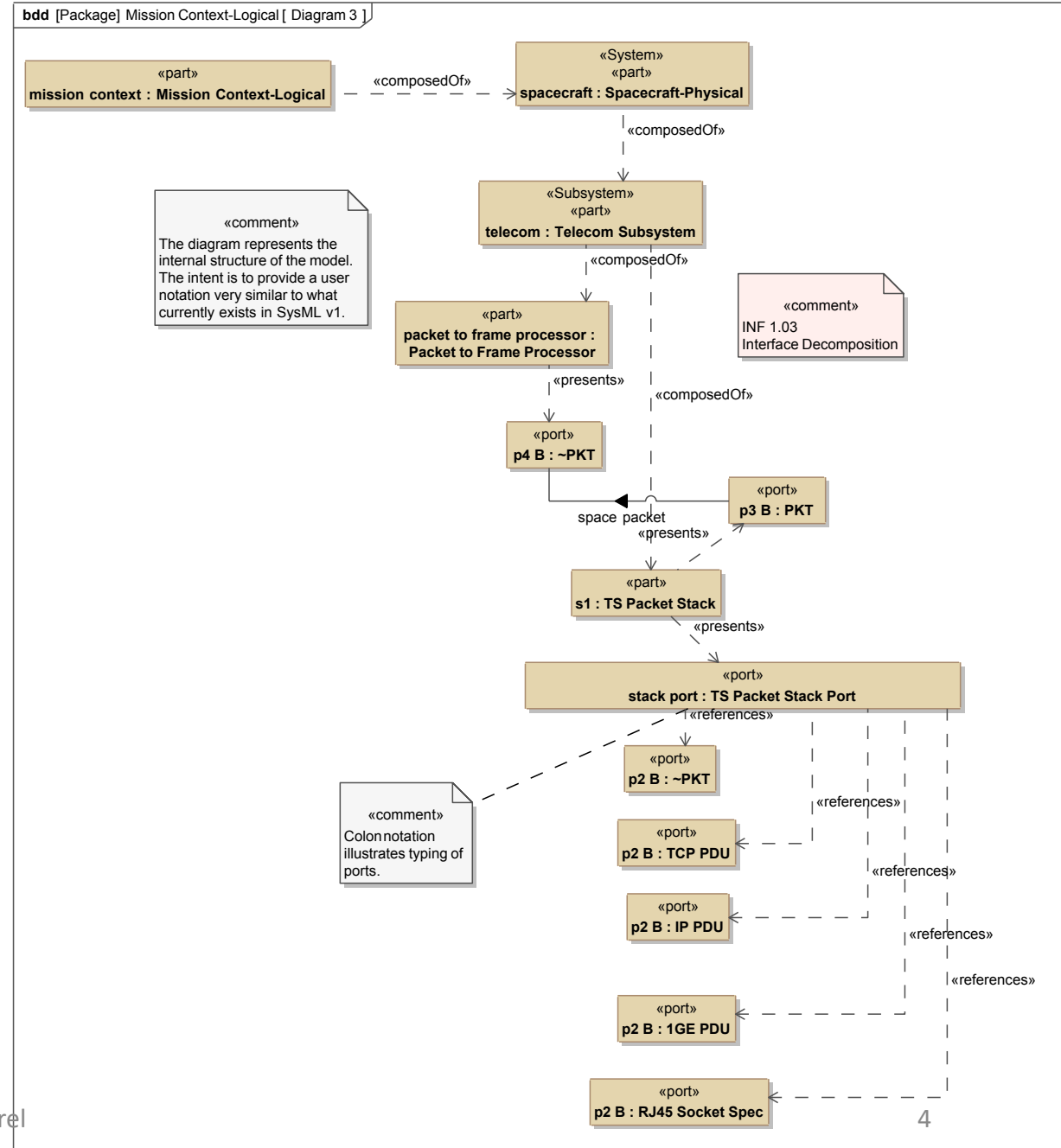
bdd [Package] Mission Context-Logical [Diagram 2]

«comment»
The diagram represents the internal structure of the model. The intent is to provide a user notation very similar to what currently exists in SysML v1.

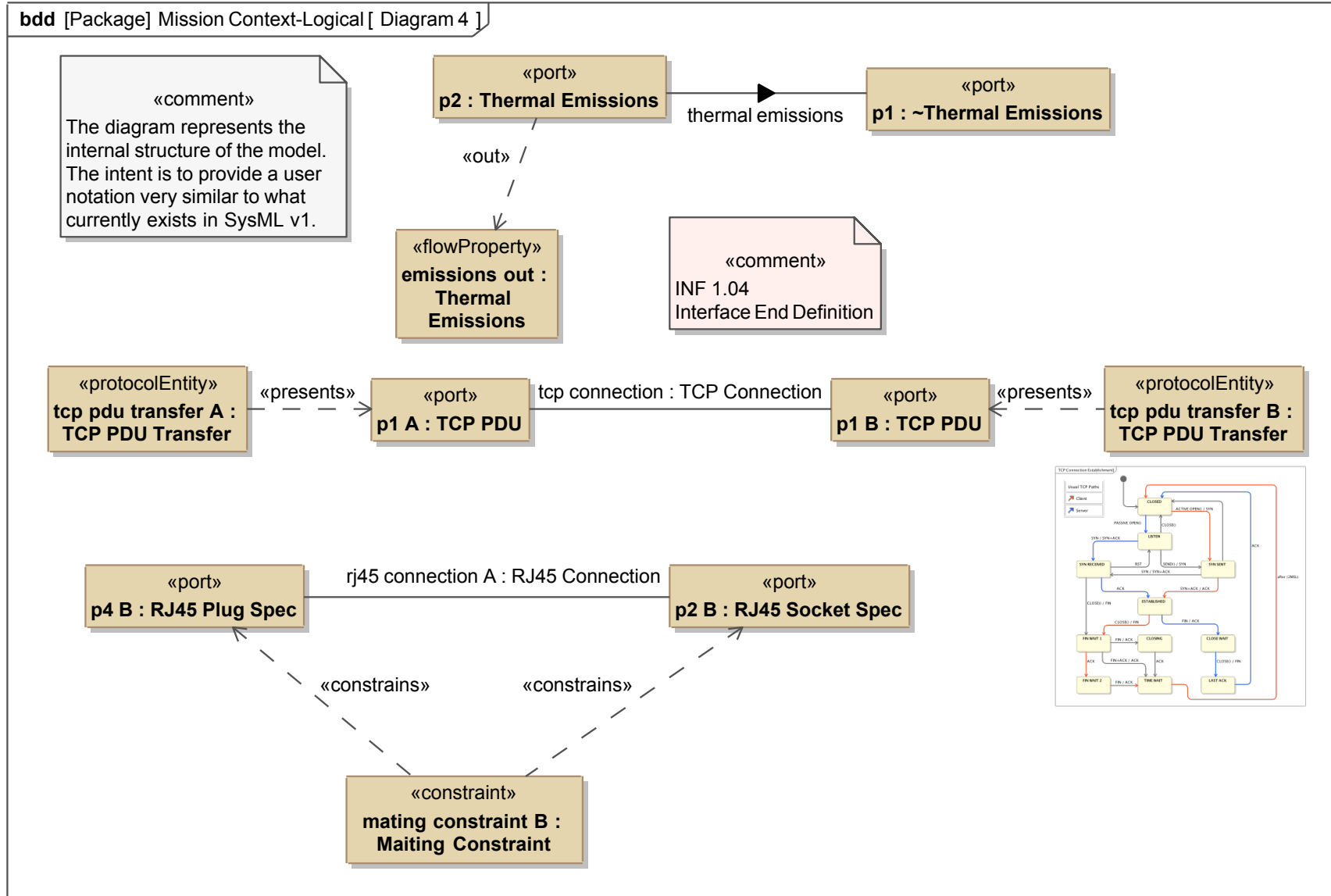
«requirement»
INF 1.02
Interface Usage



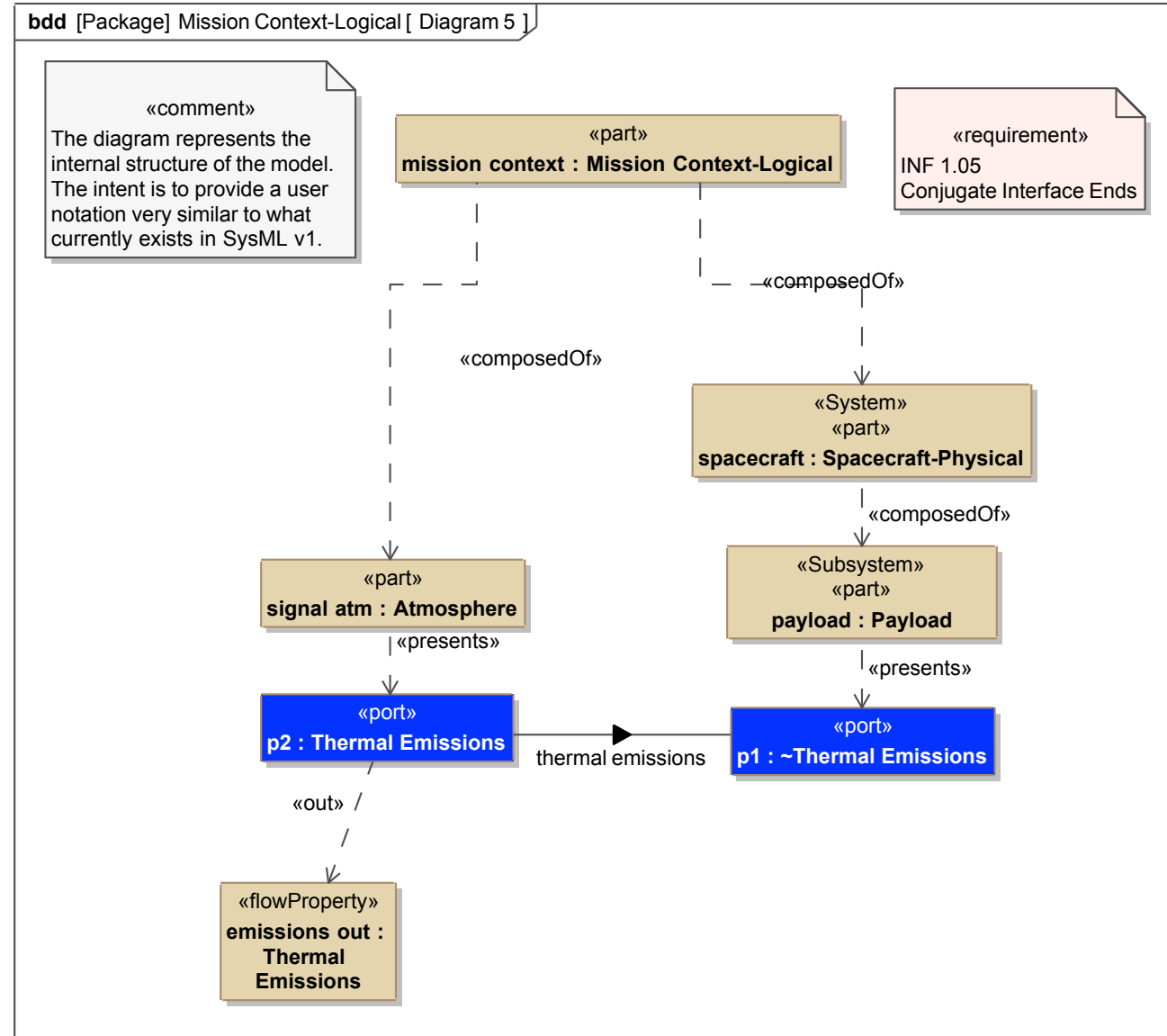
Interface Decomposition



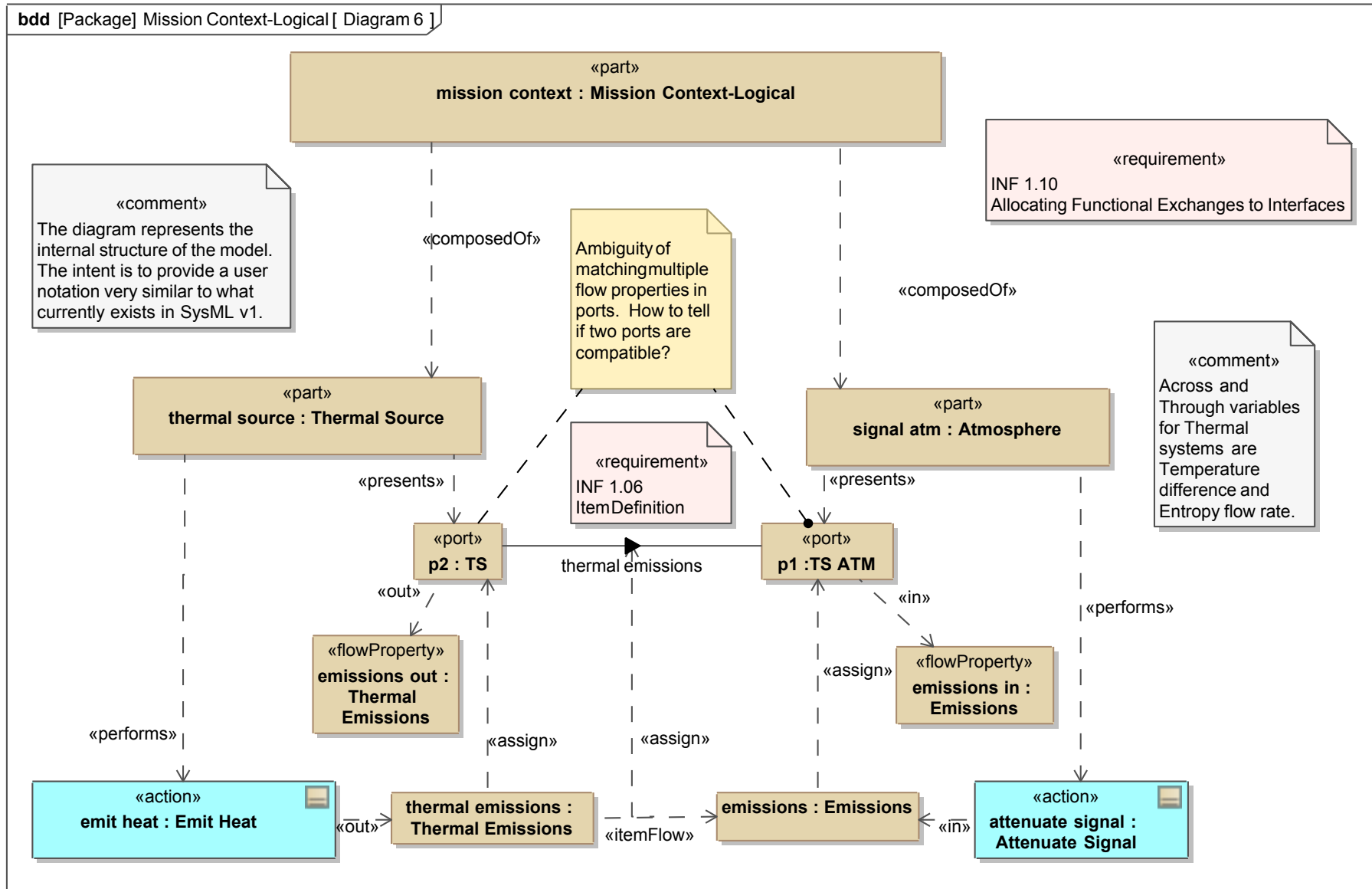
Interface End Definitions



Conjugate Interface Ends



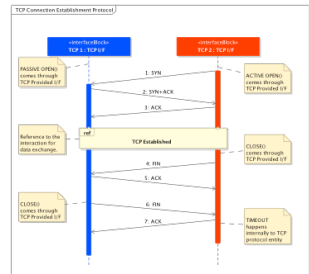
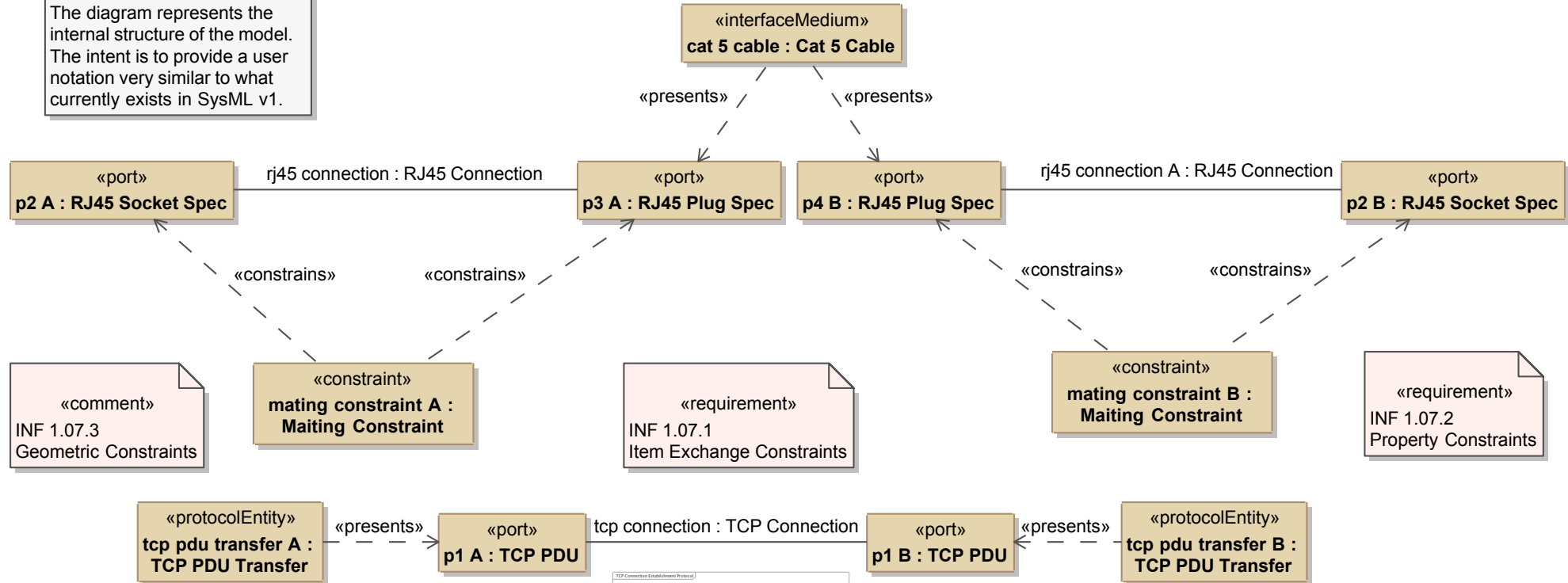
Item Definition and Functional Allocation



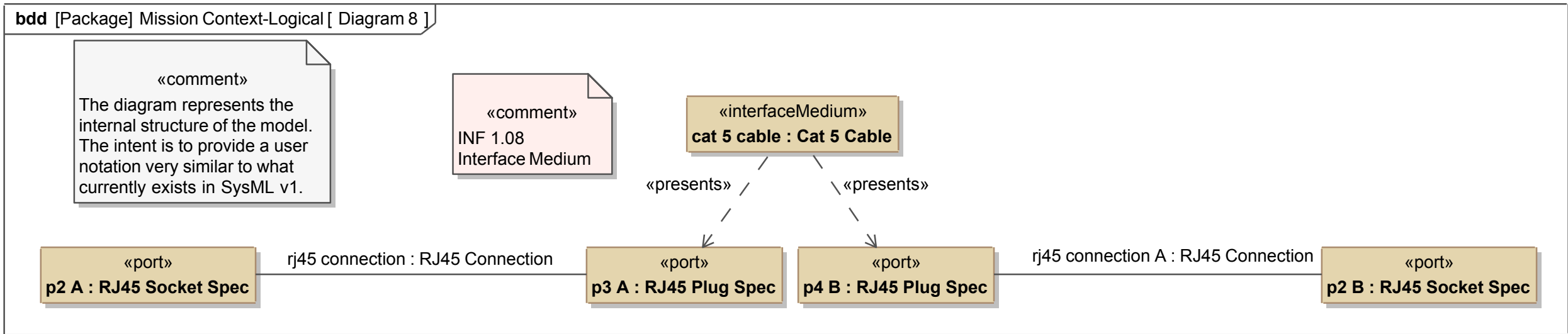
Interface Agreements

bdd [Package] Mission Context-Logical [Diagram 7]

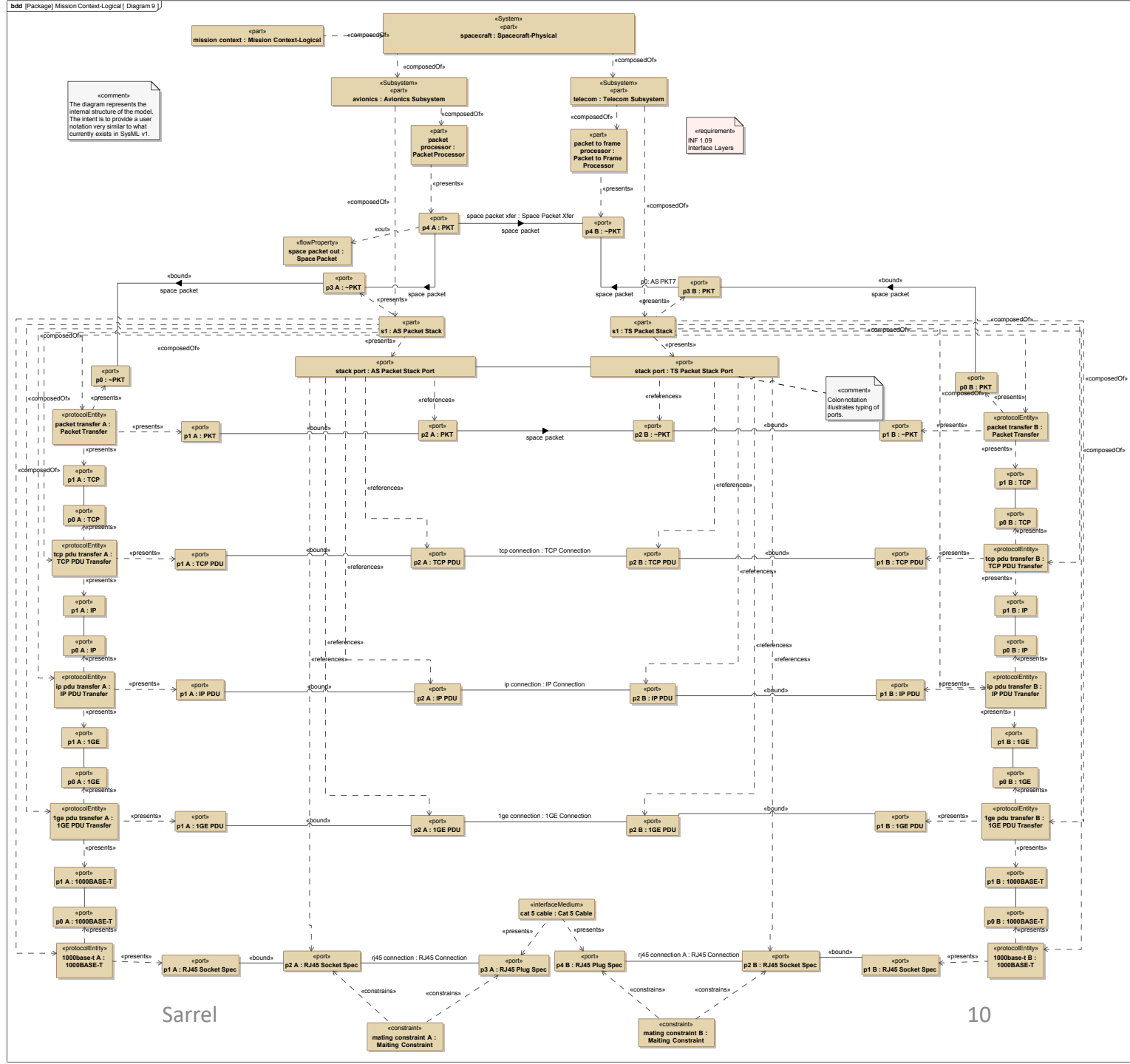
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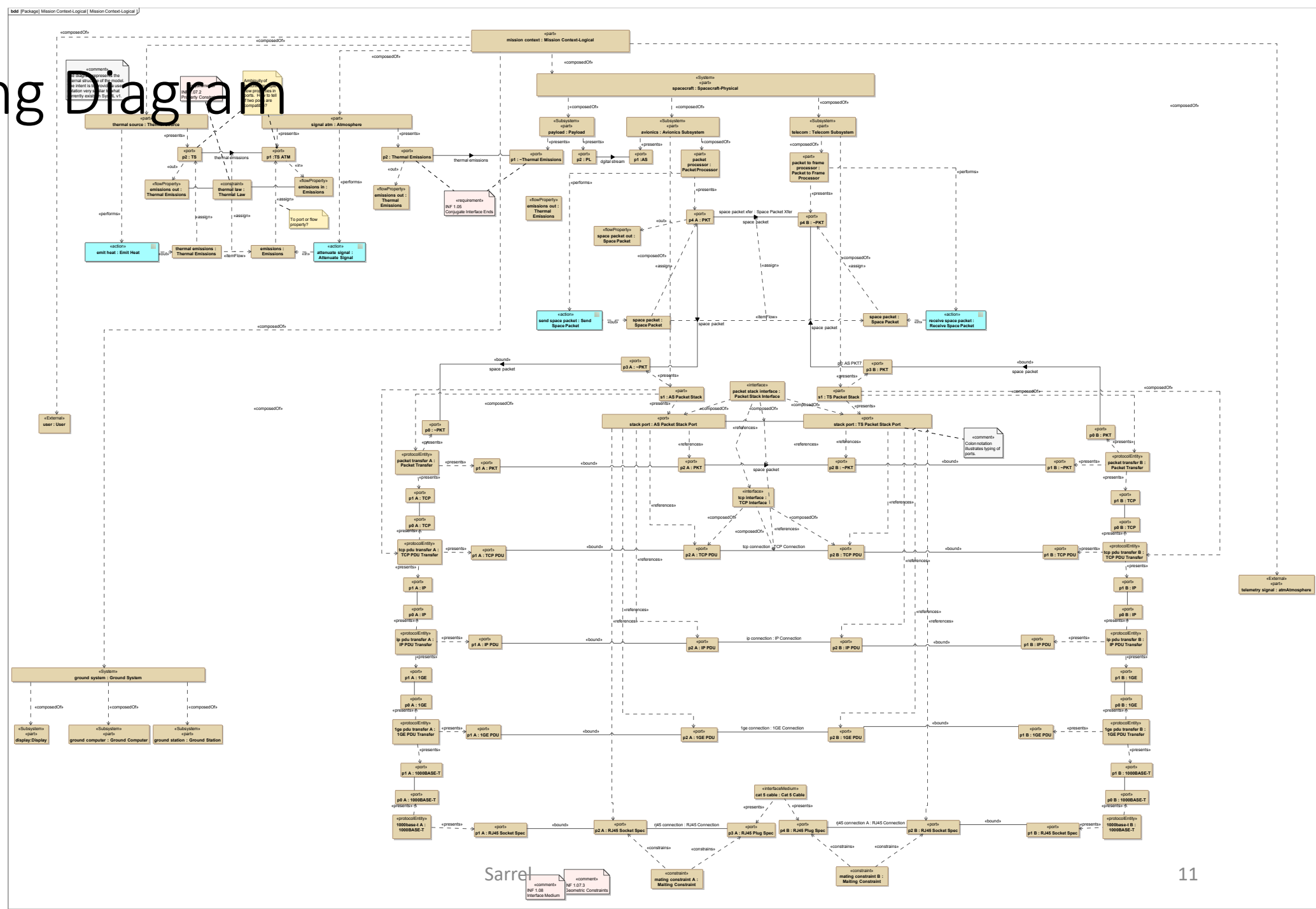
Interface Medium



Layered Interfaces



Working Diagram



Trace Matrix

		Diagram 1	Diagram 2	Diagram 3	Diagram 4	Diagram 5	Diagram 6	Diagram 7	Diagram 8	Diagram 9
INF 1	Interface Requirements Group									
INF 1.01	Interface Definition and Reuse	x								
INF 1.02	Interface Usage		x							
INF 1.03	Interface Decomposition			x						
INF 1.04	Interface End Definitions				x					
INF 1.05	Conjugate Interface Ends					x				
INF 1.06	Item Definition						x			
INF 1.07	Interface Agreement Group									
INF 1.07.1	Item Exchange Constraints							x		
INF 1.07.2	Property Constraints							x		
INF 1.07.3	Geometric Constraints							x		
INF 1.08	Interface Medium								x	
INF 1.09	Interface Layers									x
INF 1.10	Allocating Functional Exchange to Interfaces						x			