System Type: *atis*GeneralSystem

(*Set-theoretic properties* are those properties that are part of the meta-theory and have been abducted from set theory to be used as a tool to provide solutions concerning the theory. Those solutions may be assigned as values to components or relations of the theory and thereby become part of the theory.)

General system, $\mathcal{G}$, $=_{df}$ a set of partitioned components, affect relations, transition functions, time, qualifiers, and a system state-transition function.

$$\mathcal{G} =_{df} (\mathcal{P}, \mathcal{A}, \mathcal{T}, \mathcal{T}, \mathcal{Q}, \sigma)$$

General system is defined as a set of partitioned components on which are defined relations that are sequenced by a time-set, controlled by a qualifier-set, and mapped by a system state-transition function. This definition has been refined from that given in Report #2-1, *'General System' Defined for predictive Technologies of ATIS*. Whereas that report has a *transition functions set* as a parameter of General System, which has now been replaced with the *qualifier set*. This revision results in a more refined definition of *General System* since qualifiers in fact determine all of the properties defined by the transition functions set.