

## System Type: *atis* **CommunicationSubsystem**

(*System type* is part of the metatheory and describes configurations and properties that characterize a specific system.)

**Communication subsystem**,  ${}_C\mathcal{W}$ , =<sub>df</sub> the subsystem that consists of the object-set system-partition defined by the communication qualifiers, and the relation-set system-relations defined by the command and control communication affect relations.

$${}_C\mathcal{W} =_{df} \mathcal{Y} \subset \mathfrak{S} \mid \mathcal{Y} = (C_Q \subset \mathfrak{S}_\theta, \mathcal{A}_{C(e,\mathcal{L})} \subset \mathfrak{S}_\phi)$$

**Communication subsystem** is defined as a system; such that, the communication qualifiers,  $C_Q$ , define the object-set of the system and the command and control communication affect relations,  $\mathcal{A}_{C(e,\mathcal{L})}$ , define the relation-set of the system.