Project 1: Sensor Network Actors (802.15.4) in Ptolemy II Project 2: Localization and Moving Object Actors in Ptolemy II BO/SO: 7/6 PHY: 915MHz BPSK mode Moving Uploads of Device 2,3 Beacon Object GTS Request of Device 4 Phase (2), (3)3 GTS Request (1) Associations Access of Dev 4 for Dev 2,3,4 **Points** (CSMA/CA) 0 (2) DATA<sub>Upload</sub>: (4) DATA Download (5) CFP dedicated :Dev 2,3 (CSMA/CA) Dev 2.3 to Device 4 (CSMA/CA) "/GTS allocation: Dev 4 → ! ← Beacon IEEE 802.15.4 CSMA-CA Protocol (ZigBee) contention access period contention free period < Mobility Models and Localizations> <System Setups> superframe duration inactive period