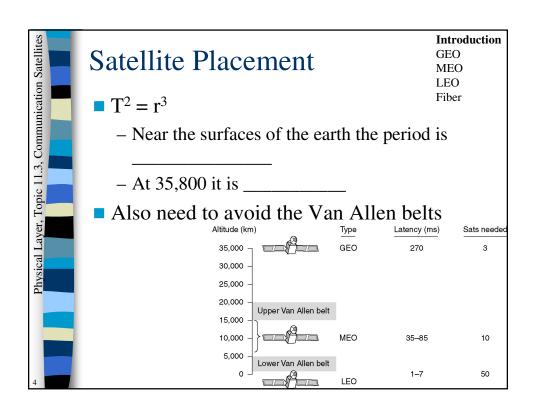
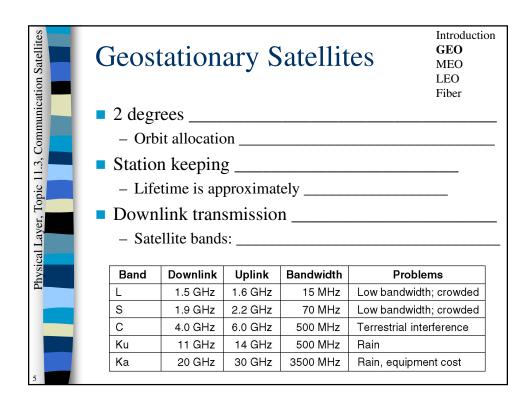
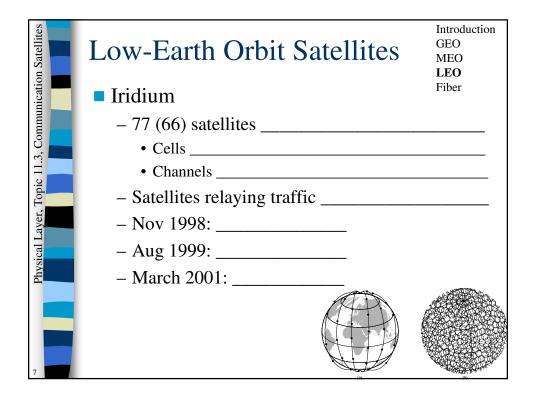


Physical Layer, Topic 11.3, Communication Satellites	Issues	Introduction GEO MEO LEO
nicatic	Propagation delay:	Fiber
ommu	■ Broadcast media:	
11.3, C	Security:	
Copic 1	Cost:	
ayer, T	Errors:	
sical L	Deployment:	
Phy		
3		





Physical Layer, Topic 11.3, Communication Satellites	Medium Earth Orbit Satellites	Introduction GEO MEO LEO Fiber
	Between Van Allen belts6 hours	
	 Smaller footprint Not currently used for telecommun 	ications
6		



Physical Layer, Topic 11.3, Communication Satellites	Low-Earth Orbit Satellites (2)MEO LEO Fiber Globalstar - 48 LEOs - Uses bent-pipes: Teledesic (2005?) - 288 (30) LEOs - High bandwidth for Internet access - Packet switched - Uplink capacity - Downlink capacity
8	

