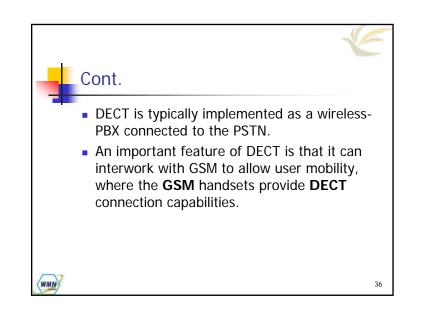


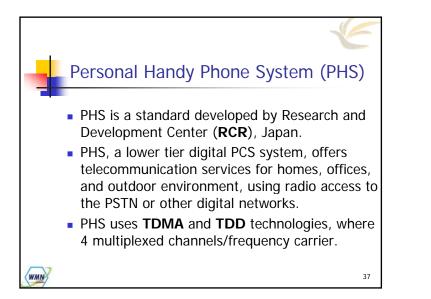
Digital European Cordless Telephone (DECT)

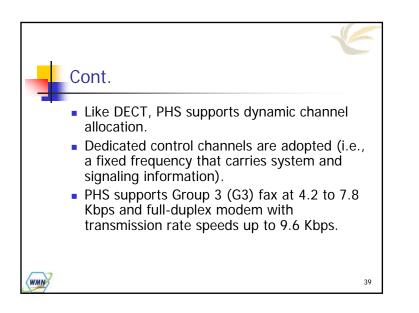
- Were published in 1992. The name has been replaced by Digital Enhanced Coreless Telephone.
- DECT supports high user density with a picocell design
- Using TDMA, 12 voice channels per frequency carrier. Sleep mode is employed in DECT to conserve the power of handsets.

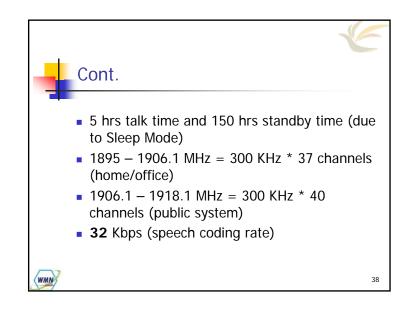


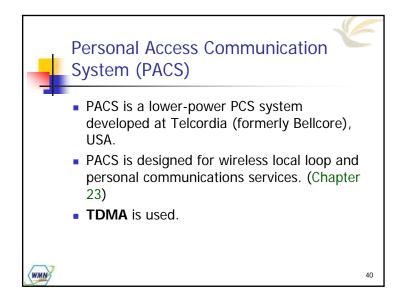
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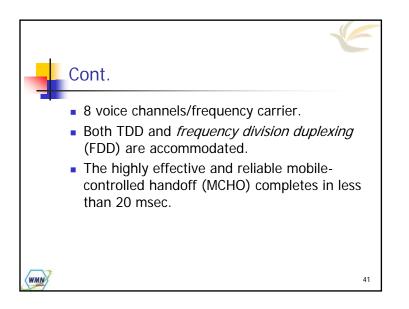


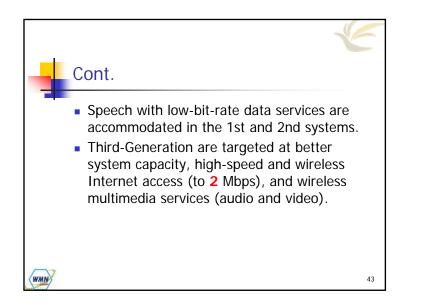


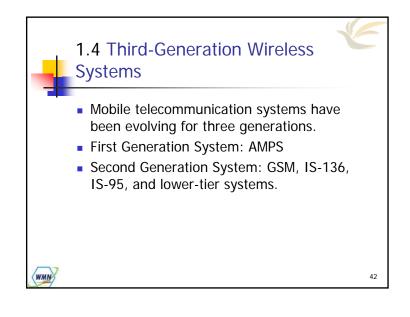


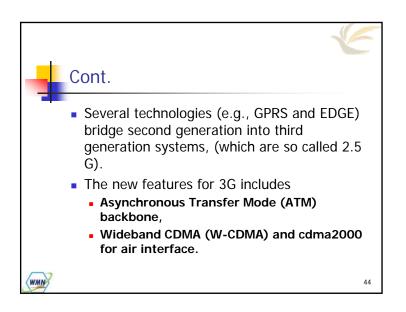












		Tier PCS	
Techno ble 1.1 Charact		ordless Low-Tier PCS Techr	ologies
SYSTEM	HIGH-TIER CELLULAR	LOW-TIER PCS	CORDLES
Cell size	large	medium	small
	(0.4–22 mi.)	(30–300 ft.)	(30–60 ft.)
User speed	high	medium	low
	(≤ 160 mph)	(≤ 60 mph)	(≤ 30 mpł
Coverage	large/continuous	medium	small/zona
area	macrocells	micro and picocells	picocells
Handset complexity	high	low	low
Handset power consumption	high	low	low
	(100–800 mW)	(5–10 mW)	(5–10 mW
Speech coding rate	low	high	high
	(8–13 Kbps)	(32 Kbps)	(32 Kbps)
Delay or	high	low	low
latency	(< 600 ms)	(≤ 10 ms)	(< 20 ms)