		Wireless Personal Area Networks		
Project	IEEE P802.15 Working Gro	up for Wireless Personal Area Networks (WPAN		
Title	Power Management Message Sequence Charts			
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Re:	IEEE Draft P802.15.3/D0.7			
Abstract	This document provides recommended message sequence charts for the powe clauses of the 802.15.3 MAC to be incorporated into D0.8			
Purpose	The recommendations contained in this document are to be applied to the 80 MAC baseline, in conjunction with document 01/485r3 CTA Changes for Management and Resynchronization			
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Release	The contributor acknowledges and accepts that this contribution becomes the erty of IEEE and may be made publicly available by P802.15.			

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multiple graphics for clause 8.12.3.1 in place of the single reference of d0.7 This is the first graphic and covers the channel time request process for DEVs that will operate in EPS mode. DEV-A DEV-B PNC DEVs are associated and operations of Figure Channel time may 65 have been completed already be in place before the activities shown in Figure 65 Channel Time Request - ACTIVE, DEV A to DEV B SF Beacon with CTA DEV A to DEV B, ACTIVE [repeating] Channel Time Request - EPS, DEV A to DEV B Note: DEVs do not enter EPS operation at this point Figure 64 - Operation of EPS mode channel time requests

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This next graphic is the message sequence chart for the control sequences for EPS, ACTIVE, and the use of momentary

DEV-A	DEV-B	PNC	
DEVs are associated and operations of Figure 65 and Figure 64 have been completed. Starts with ACTIVE CTA		CTA Control Octe CTA Type Time-beacon	t \ \ \ \ \ \ \ \ \ \
Switch to EPS mode-			
ndication of EPS mode	DEV to EPS mode - Wake beacon=EPSNext	Beacon -	 x 1
	Not wake beacon, not received	Beacon -	
•	Wake beacon, null CTA	Beacon - null CTA	
prepare to send data	Wake beacon, wait for slot	Beacon - real CTA	 0 1
sends queued data	Receipt of data		
EPS CTA	·		
prepare to send data	Wake beacon, wait for slot	Beacon - real CTA	 0 1
sends queued data	Receipt of data		
	Wake beacon, null CTA	Beacon - null CTA	 0 1
Switch to ACTIVE		►	
Indicator of ACTIVE mode transistion	Wake beacon, DEV to ACTIVE mode	Beacon - active switch	 0
Figur	e xx - Operation of EPS mode switc	 hing	

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