1 2	IEEE P802.15 Wireless Personal Area Networks				
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5	Title	Power Management Message S	Power Management Message Sequence Charts		
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18 19	Re:	IEEE Draft P802.15.3/D0.8			
20 21 22	Abstract	This document provides recommodation clauses of the 802.15.3 MAC to	nended message sequence charts for the power save be incorporated into D0.9		
23 24 25 26	Purpose	The recommendations containe MAC baseline, in conjunction Management and Resynchroniz	d in this document are to be applied to the 802.15.3 with document 01/485r4 CTA Changes for Power ation		
20 27 28 29 30 31	Notice	This document has been prepare for discussion and is not bind tion(s). The material in this doc further study. The contributor(material contained herein.	ed to assist the IEEE P802.15. It is offered as a basis ing on the contributing individual(s) or organiza- ument is subject to change in form and content after s) reserve(s) the right to add, amend or withdraw		
32 33 34	Release	The contributor acknowledges a erty of IEEE and may be made	and accepts that this contribution becomes the prop- publicly available by P802.15.		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55					

Note for revision 1: change to remove arrow head for beacons shown for a DEV that does not wake. 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-B DEV-A 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 Octet CTA Type
Switch to EPS mode-		
dication of EPS mode	DEV to EPS mode - Wake beacon=EPSNext	Beacon -
	Not wake beacon, not received	Beacon -
-	Wake beacon, null CTA	Beacon - null
prepare to send data	Wake beacon, wait for slot	Beacon - real CTA 0 1
sends queued data	Receipt of data	
witch to momentary	·	
prepare to send data	Wake beacon, wait for slot	Beacon - real
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 - $\begin{vmatrix} & & \\ & & \\ & active switch \\ & & \\$

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