P802.11a Draft D6.0 Comments and Resolutions

# 91		L		Р	Table 80	SC Table 80	
	Vote						BRAN
			s I	Comment Status	Е	Туре	Comment
				SI BRAN's table.	I follow ETSI	80 shall	Table
					ły	Remed	Suggested
				SI BRAN's table.	l follow ETSI <i>ly</i>	80 shall IRemed	Table Suggested

Proposed Response	Response Status	w
PROPOSED REJECT.		

The 4 bit patterns are used in 802.11a (Table 80) and in BRAN/MMAC-WATM in different layers, and for that reason the need to harmonize the patterns is not critical. In the case of 802.11a, the bits R1-R2 are indicative of the modulation type used, while in BRAN proposal this rule is not followed. In addition, the use of R4=1 value is intentional in order to reduce the probability of degenerate OFDM symbol after the convolutional encoding and Fourier transform.

TYPE: TR/technical required T/technical E/editorial COMMENT STATUS: D/dispatched A/accepted R/rejected SORT ORDER: Clause, Subclause, page, line RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn Vote: E/ExCom VD/Disapprove VAC/Approve with Comments

P802.11a Draft D6.0	Comments and	Resolutions
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Tuesday, July 13, 1999 14:22:09	P802.11a	Draft D6.0	Comme	ents and	Resolutio	ns			
Cl XX SC 17.3.12 P 42 John Deane CSIRO Australia Comment Type TR Comment Status	L 5 # Vote	7 <u>4</u> VAC	is not o Presur -> Cha look up	clear. nably 'wait for Pl inged the conten o the figure.	MD-data.ind' ts of the box. The la	abels of the	conditions we	re changec	d as well. Please
 6. State RX SIGNAL PARITY cause for transition back to I FAIL or PMD-RSSI.ind below threshhold and PHY_CCA.in action. 1. Cause of state transition RX IDLE to DETECT PLCP PF Presumably PMD-RSSI.ind above the threshhold for pream 2. In DETECT PLCP PREAMBLE state the mechanism for is not clear. Presumably 'wait for PMD-data.ind' 3. Cause of transition from DETECT PLCP PREAMBLE backer. Presumably Timeout or PMD-RSSI.ind below threshhold. 4. Same transition 'PHY_CCA.ind(IDLE) is NOT a cause it BY the PLCP to the MAC layer! So distinguish causes & actions. 	DLE is PARITY d(IDLE) is an REAMBLE not given. able processing. wait for SIGNAL' ack to IDLE is not is an action		3. Cau Presur -> The receive 4. San BY the So dis -> The 5. Stat Presur ? The of the 7. Stat define Possib -> The	se of transition f mably Timeout of transition back is and decode pro- ne transition 'PH' PLCP to the M/ tinguish causes IDLE indication e RXPLCP FIEL mably PMD-RSS IDLE indication is case where sign e RX SYMBOL of J. by PMD-RSSI.in y are "PHY_CC/	rom DETECT PLCI PMD-RSSI.ind be to idle state can ressisted and the second se	PREAMBI ow threshhoult eather fro ield. See the NOT a cau Not a cau Not a cau n be used to old. n be used to essful decod (IDLE) & C(Y_CCA.ind	LE back to IDI old. orm absence of e corrected fig use it is an act o condition an IDLE is uncle condition an ling of the SIC CA(BUSY).	LE is not cl f signal or f jure (Fig. 1: tion n action. ear. action. Thi SNAL field. e not	lear. from failure to 25). is takes account
5. State RXPLCP FIELDS cause for transition back to IDL Presumably PMD-RSSI.ind below threshhold.	E is unclear.		CI XX	SC 17.3.3		[⊃] 19	L	······································	# 90
 State RX SYMBOL exit conditions CCA(IDLE) & CCA(B defined. Possibly PMD-RSSI.ind below threshhold. 	USY) are not		Comment ETSI E	Type TR BRAN accepted	<i>Comment Stat</i> a request by Masah	us D iro Morikura	a to change th	vote e short trai	nina sequence to
SuggestedRemedy			the one	e described in hi	s comment to 802.1	1. We're as	king 802.11a	to accept if	t as well, in order
Included in the comment.			to enha	ance the alignme	ent between the star	idards.			
Proposed Response Response Status C REJECT. For item 6 only. All others have been accepted. 6. State RX SIGNAL PARITY cause for transition back to I FAIL or PMD-RSSI.ind below threshold and PHY_CCA.in action. -> The IDLE indication is a signal which can be used to cor (This item will be discussed in the next meeting.) C	DLE is PARITY d(IDLE) is an ndition an action.		Suggested Accep Proposed I PROP Chang sugges	Remedy t comment 88. Response OSED ACCEPT e equation 6 as sted.	Response State	<i>is</i> W sted except	for sqrt(2), bu	ut sqrt(13/6	i) as comment 89
The following have bee acepted by the commenter: 1. Cause of state transition RX IDLE to DETECT PLCP PF Presumably PMD-RSSI.ind above the threshold for pream -> added "PHY-CCA.indicate (busy)"	REAMBLE not given.								
2. IN DETECT PLCP PREAMBLE state the mechanism for	'wait for SIGNAL'								

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CI XX SC 17.3.3



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C/ XX SC A4.8

Tuesday, July 13, 1999 14:22:10

P802.11a Draft D6.0 Comments and Resolutions

CI XX	SC Annex E	Р	L		# 59	
Bob Ward				Vote	VA	

Comment Type TR Comment Status R

• Recommend that the informative windowing be deleted in order that the example follow the normative part of the standard.

SuggestedRemedy

Proposed Response Response Status C

REJECT.

The commenter agreed to retain the windowing function in the Annex while stressing in the text that a non-normative feature is being illustrated.

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