# IEEE P802.11 Wireless LANs

	802.11k C	onditional Sponsor Ball	ot Report	
		Date: 2007-06-01		
Author(s):	~			
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# Abstract

This is the report to be submitted to the 802 Executive Committee, documenting that the recirculation ballot on 802.11k draft 7.0 meets all the requirements of conditional approval to forward to sponsor ballot.

This report to the 802 Executive Committee documents the conditions in Clause 20, as they apply to the final working group recirculation ballot on draft 7.0 of 802.11k.

From the 802 LMSC Policies and Procedures, Clause 20:

Conditions:

- a) Recirculation ballot is completed. Generally, the recirculation ballot and resolution should occur in accordance with the schedule presented at the time of conditional approval.
- b) After resolution of the recirculation ballot is completed, the approval percentage is at least 75% and there are no new DISAPPROVE votes.
- c) No technical changes, as determined by the Working Group Chair, were made as a result of the recirculation ballot.
- d) No new valid DISAPPROVE comments on new issues that are not resolved to the satisfaction of the submitter from existing DISAPPROVE voters.
- e) If the Working Group Chair determines that there is a new invalid DISAPPROVE comment or vote, the Working Group Chair shall promptly provide details to the EC.
- f) The Working Group Chair shall immediately report the results of the ballot to the EC including: the date the ballot closed, vote tally and comments associated with any remaining disapproves (valid and invalid), the Working Group responses and the rationale for ruling any vote invalid.

a) From the IEEE 802.11 website (<u>http://grouper.ieee.org/groups/802/11/</u>) Group Updates/Ballot Information/WG Letter Ballots for LB103:

#### Ballot Open Date: 2007-04-18 Ballot Close Date: 2007-05-05

371	Approve
21	Disapprove
39	Abstain
431	Total

## b) **RESPONSE RATE**

## T his ballot has met the 75% returned ballot requirement.

514 eligible people in this ballot group.
371 affirmative votes
21 negative votes with comments
0 negative votes without comments
39 abstention votes
83% returned
10% abstention

## **APPROVAL RATE**

#### T he 75% affirmation requirement is being met.

371 affirmative votes21 negative votes with comments

371 votes = 95% affirmative

## No new DISAPPROVE votes.

c) No technical changes as a result of the recirculation ballot.

d) No new DISAPPROVE comments on new issues that are not resolved to the satisfaction of the submitter from existing DISAPPROVE voters.

## e) No new DISAPPROVE comments or vote.

## f) Disapprove-voter comments for LB103 are attached

Of the total 404 no-voter unsatisfied comments from all letter ballots, many are non-technical comments, many are invalid, and many address similar topics. Categorizing these Rejected and Required comments provides some insight into the content and underlying reason for these diverse comments.

The comments may be categorized as follows:

- 140 Editorial comments
- 74 Technical comments which were partially accepted and marked Counter
- 41 Technical but invalid comments
- 18 Technical comments without clear suggested remedy
- 14 Comments to remove Noise Histogram
- 12 Comments to remove Measurement Pilot
- 6 Comments on definitions
- 5 Comments to remove LCI
- 5 Comments to reinstate Hidden Sta Measurement
- 89 Other comments without clear correlated topic

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404 Total Rejected and Required comments

The working group responses to all of these unsatisfied comments are on the following pages:

May 2007	IEEE	P802.11k D7.0 Condit	ional SB Report con	nments		IEEE	802.11k-07/1956r0
Cl 11k-D7. SC 3.75a P "Stephens"	L	# 103002	C/ 11k-D7. SC 7.1. "Stephens"	3.1.2	Р	L	# 103005
Comment Type ER Comment Status F "i.e." should always be followed by a comma	R		Comment Type E		nt Status <b>R</b> aption disagree		
SuggestedRemedy			SuggestedRemedy				
Scan whole draft and ensure every i.e. and e.	g. is followed by a comn	na.	Correct one of the	em			
Response Response Status	)		Response	Respons	e Status <b>O</b>		
For LB103 purposes this comment is invalid b D7.0 in LB96 to D7.0 in LB103. However, cor satisfy this comment.				7.0 in LB103. He			on changed text from le in Sponsor Ballot to
C/ 11k-D7. SC 3 P	L	# 103003	C/ 11k-D7. SC 7.3.	2.21.10	Р	L	# 103006
"Stephens"			"Stephens"				
Comment Type ER Comment Status	2		Comment Type E	R Comme	nt Status R		
the baseline?" SuggestedRemedy Either remove (if part of the baseline) or prece Response Response Status (	<b>)</b>		service (QoS) pai (TSPEC). TSs ar	ameter values pr e meaningful only /AC entities dete rticular TS using	ovided to the MA to MAC entities rmine the TSPEC the TS identifier	AC in a particular that support QoS C applicable for d (TSID) value prov	bject to the quality of traffic specification S within the MAC data lelivery of MSDUs vided with those
For LB103 purposes this comment is invalid b D7.0 in LB96 to D7.0 in LB103. However, cor	ecause it is not based o isideration will be made	in changed text from	SuggestedRemedy				
satisfy this comment.			Replace with a na	ame that does not	t exclude TIDs 0-	7.	
C/ 11k-D7. SC General P	L	# 103004	Response	Respons	e Status <b>O</b>		
"Stephens"							on changed text from
Comment Type ER Comment Status	2		D7.0 in LB96 to L satisfy this comm		owever, consider	ation will be mad	le in Sponsor Ballot to
Bookmarks in the redline .pdf file help your rea	aders navigate		,				
SuggestedRemedy							
Please add .pdf bookmarks.							
Response Response Status	)						
For LB103 purposes this comment is invalid b D7.0 in LB96 to D7.0 in LB103. However, cor satisfy this comment.							

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID Submission Some and the state of the st

5/30/2007 9:19:49 AM

May 2007 IEEE P802.11k D7.0 Condit	tional SB Report comments IEEE 802.11k-07/1956r0
C/ 11k-D7. SC 7.3.2.22.8 P L # 103007	C/ 11k-D7. SC Annex D P L # 103010 "Stephens"
Comment Type ER Comment Status R "dot11QosCountersIndex is set to 3." is in a different font.	Comment Type ER Comment Status R "Deprecate the current SMT base". Please show editing instructions.
SuggestedRemedy Set to default para font.	SuggestedRemedy 0
Response Response Status <b>O</b>	Response Response Status <b>O</b>
For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment.	For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment. Please see editing instruction D7.0, P170L15. The change is D7.0, P170L45.
C/ 11k-D7. SC 7.3.2.44 P L # 103008	C/ 11k-D7. SC General P L # 103011
Comment Type       TR       Comment Status       R         I suppose the mapping from AC_VO to "voice" is obvious. However, it wouldn't harm to state the mapping from the labels that define an AC to the fields of this report with a smidgeon more formality.       SuggestedRemedy         SuggestedRemedy       Reference the AC_* lables in figure 1120.         Response       Response Status       O         For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment.       C/ 11k-D7. SC General       P       L       # 103009	Comment TypeTRComment StatusRNumerous comments from D6.0 are marked in the comment resolution spreadsheet as "Accepted", but the changes were not made in D7.0. They are accompanied in the spreadsheet by a comment from the Editor, disagreeing with the accepted resolution. The Technical Editor is only one member of the Task Group, and only has one vote. This is NOT veto power. When 75% of the Task Group approve a resolution to a comment, the Technical Editor is directed to "incorporate all such resolutions therein into the TGk draft" (as stated in 11-07-0109-03-000k-tgk-london-minutes.doc); it doesn't say that the Technical Editor is to "consider incorporating the changes".SuggestedRemedyEditor to incorporate all the approved resolutions to D6.0 comments into the draft.
Stephens"	Response Response Status O
Comment Type       ER       Comment Status       R         When creating redlines, please modify the style of the insert marking so that it is not underlined. That way underlines in inserted text can still be distinguished. (see 9.8.2.1 for an example of where this creates a problem).         SuggestedRemedy       0	For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.
Response Response Status O	
For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment.	

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May 2007 IEEE P802.11k D7.0 Co	nditional SB Report comments IEEE 802.11k-07/1956r0
Cl         11k-D7.         SC Boilerplate         P i         L 10         # 103012           "Marshall"         "Marshall"         "Marshall"         103012         103012	C/ 11k-D7. SC Boilerplate Piii L 99 # 103015
Comment Type ER Comment Status R D6.0 comment #88 was marked as "Accepted" but not implemented in the draft.	Comment Type ER Comment Status R Copyright in page footer needs to be updated for 2007
SuggestedRemedy Change to "Amendment 1"	SuggestedRemedy Change year to "2007"
Response         Response Status         O           For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.	Response       Response Status       O         For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.
C/         11k-D7.         SC Boilerplate         P i         L 15         # [103013]           "Marshall"         Marshall"         Marshall"	C/ 11k-D7. SC Boilerplate Piii L 28 # 103016 "Marshall"
Comment Type ER Comment Status R Copyright statement needs to be updated for 2007	Comment Type ER Comment Status R missing text for "Errata"
SuggestedRemedy Change year to "2007"	SuggestedRemedy Add it, use 802.11ma D9.0 as model
Response Response Status O	Response Response Status <b>O</b>
For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.	For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.
C/ 11k-D7. SC Boilerplate P iii L 2 # 103014	C/ 11k-D7. SC Boilerplate Piii L 31 # 103017 "Marshall"
Comment Type ER Comment Status R Copyright statement needs to be updated for 2007	Comment Type ER Comment Status R missing text for "Interpretations"
SuggestedRemedy Change year to "2007"	SuggestedRemedy Add it, use 802.11ma D9.0 as model
Response Response Status O	Response Response Status <b>O</b>
For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.	For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.

May 2007		IEEE	P802.11k D7.0 Conditi	onal SB Report comme	ents	IEEE	802.11k-07/1956r0
C/ 11k-D7. SC Boilerplate 'Marshall"	Pxi	L <b>4</b>	# 103018	Cl 11k-D7. SC 0 "Marshall"	P1	L <b>22</b>	# 103021
Figure numbers in the List c				Comment Type ER D6.0 comment #92 m	Comment Status R arked as "Accepted" but not ir	nplemented indra	aft.
particular, they are shown h with lower case letters (53A	ere with upper case lette should be 53a, etc).	rs, but appear in	the draft correctly	SuggestedRemedy Change to "Amendme	ent 1"		
SuggestedRemedy Make consistent				Response	Response Status <b>O</b>		
				D7.0 in LB96 to D7.0	this comment is invalid becaus in LB103. However, consider as documented in 11/253r7.		
satisfy this comment as doc	umented in 11/253r7.	L <b>4</b>	# [102010	C/ <b>11k-D7.</b> SC <b>0</b> "Marshall"	<i>P</i> 1	L <b>28</b>	# 103022
C/ 11k-D7. SC Boilerplate	r xIII	L <b>4</b>	# 103019	Comment Type ER	Comment Status R		
	comment Status R			D6.0 comment #93 m	arked as "Accepted" but not ir	nplemented in dra	aft
Table numbers in the List of they are shown here with up	tables don't match the tapper case letters, but app			SuggestedRemedy Change to 2007			
case letters (15A should be SuggestedRemedy	15a, etc).			Response	Response Status 0		
Make consistent	_			D7.0 in LB96 to D7.0	this comment is invalid becaus in LB103. However, consider as documented in 11/253r7.	se it is not based ation will be made	on changed text from e in Sponsor Ballot to
	esponse Status <b>O</b>	it is not bood	on changed toxt from				
For LB103 purposes this co D7.0 in LB96 to D7.0 in LB1 satisfy this comment as doc	03. However, considera			C/ <b>11k-D7.</b> SC <b>0</b> "Marshall"	P1	L 51	# 103023
C/ 11k-D7. SC Boilerplate	Pxiii	L 34	# 103020	Comment Type ER Copyright in page foo	Comment Status R ter needs to be updated for 20	007	
Comment Type ER C	comment Status R			SuggestedRemedy Change year to "2007	711		
TableTable				Response	Response Status O		
SuggestedRemedy Table				D7.0 in LB96 to D7.0	this comment is invalid becaus in LB103. However, consider	se it is not based ation will be made	on changed text from e in Sponsor Ballot to
	esponse Status O			sausiy this comment	as documented in 11/253r7.		
			on changed text from				

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID Submission

May 2007		IEEE	P802.11k D7.0 Condit	onal SB Report comr	nents	IEEE	802.11k-07/1956r
Cl 11k-D7. SC 3 "Marshall"	P <b>2</b>	L <b>3</b>	# 103024	Cl 11k-D7. SC 3 "Marshall"	P2	2 L 8	# 103027
Comment Type ER New definitions are inserte	<i>Comment Status</i> <b>R</b> ed by their number, not al	lphabetically		Comment Type ER Numbering for defir	Comment Status		
SuggestedRemedy Delete "in alphabetical ord	ler" from editing instructio	ons		SuggestedRemedy change to "3.4a"			
Response I	Response Status <b>O</b>			Response	Response Status	0	
For LB103 purposes this of D7.0 in LB96 to D7.0 in LB96 to D7.0 in LB satisfy this comment as do	3103. However, consider			D7.0 in LB96 to D7	s this comment is invalic .0 in LB103. However, c nt as documented in 11/2	consideration will be mad	
C/ 11k-D7. SC 3 "Marshall"	P <b>2</b>	L <b>5</b>	# 103025	C/ <b>11k-D7.</b> SC <b>5.2.7</b> "Marshall"	РЗ	5 L <b>47</b>	# 103028
Comment Type ER Authorative Dictionary of II documents through the 20 SuggestedRemedy	05 Style Guide. Referend	already being cited ce to it in individua	d for all IEEE al drafts is not needed.	SuggestedRemedy	Comment Status 2 marked as "Accepted" on" to "service" to better	but not implemented in	
Delete the paragraph start Response / For LB103 purposes this of D7.0 in LB96 to D7.0 in LE satisfy this comment as do	Response Status <b>O</b> comment is invalid becaus 3103. However, consider			Response For LB103 purpose D7.0 in LB96 to D7	Response Status s this comment is invalio .0 in LB103. However, on the as documented in 11/2	because it is not based consideration will be made	d on changed text from
Response For LB103 purposes this of D7.0 in LB96 to D7.0 in LE satisfy this comment as do	Response Status <b>O</b> comment is invalid becaus 3103. However, consider			Response For LB103 purpose D7.0 in LB96 to D7	Response Status s this comment is invalio .0 in LB103. However, c	l because it is not based consideration will be mad 253r7.	d on changed text from
Response // For LB103 purposes this of D7.0 in LB96 to D7.0 in LE satisfy this comment as do C/ 11k-D7. SC 3 'Marshall'	Response Status O comment is invalid becaus 3103. However, consider ocumented in 11/253r7. P2 Comment Status R	ration will be made	e in Sponsor Ballot to # 103026	Response For LB103 purpose D7.0 in LB96 to D7 satisfy this commer Cl 11k-D7. SC 5.4 "Marshall" Comment Type ER Instead of inserting	Response Status s this comment is invalid 0 in LB103. However, o nt as documented in 11/2 P7	l because it is not based consideration will be mad 253r7. <i>L</i> 3 R ing paragraph, this shou	d on changed text from de in Sponsor Ballot to # 103029
Response For LB103 purposes this of D7.0 in LB96 to D7.0 in LE satisfy this comment as do C/ 11k-D7. SC 3 "Marshall" Comment Type ER This paragraph is not a de	Response Status O comment is invalid becaus 3103. However, consider ocumented in 11/253r7. P2 Comment Status R	ration will be made	e in Sponsor Ballot to # 103026	Response For LB103 purpose D7.0 in LB96 to D7 satisfy this commer Cl 11k-D7. SC 5.4 "Marshall" Comment Type ER Instead of inserting	Response Status s this comment is invalid 0 in LB103. However, o at as documented in 11/2 P7 Comment Status a sentence into an exist	l because it is not based consideration will be mad 253r7. <i>L</i> 3 R ing paragraph, this shou	d on changed text from de in Sponsor Ballot to # 103029
Response For LB103 purposes this of D7.0 in LB96 to D7.0 in LE satisfy this comment as do C/ 11k-D7. SC 3 "Marshall" Comment Type ER This paragraph is not a de	Response Status O comment is invalid becaus 3103. However, consider ocumented in 11/253r7. P2 Comment Status R finition, and does not belo	ration will be made	e in Sponsor Ballot to # 103026	Response For LB103 purpose D7.0 in LB96 to D7 satisfy this commer Cl 11k-D7. SC 5.4 "Marshall" Comment Type ER Instead of inserting "change" and show SuggestedRemedy Show the complete	Response Status s this comment is invalid 0 in LB103. However, o at as documented in 11/2 P7 Comment Status a sentence into an exist	t because it is not based consideration will be made 253r7. L 3 R ing paragraph, this should underlining.	d on changed text from de in Sponsor Ballot to # <u>103029</u> uld be done as a
Response       For LB103 purposes this of D7.0 in LB96 to D7.0 in LE satisfy this comment as do         C/ 11k-D7. SC 3         "Marshall"         Comment Type       ER         This paragraph is not a de         SuggestedRemedy         Delete the paragraph start	Response Status O comment is invalid becaus 3103. However, consider ocumented in 11/253r7. P2 Comment Status R finition, and does not belo	ration will be made	e in Sponsor Ballot to # 103026	Response For LB103 purpose D7.0 in LB96 to D7 satisfy this commer Cl 11k-D7. SC 5.4 "Marshall" Comment Type ER Instead of inserting "change" and show SuggestedRemedy Show the complete underlining.	Response Status s this comment is invalid 0 in LB103. However, o at as documented in 11/2 P7 Comment Status a sentence into an exist the new sentence using first paragraph of 5.4, an	t because it is not based consideration will be made 253r7. <b>R</b> ing paragraph, this shou underlining. nd show the new senter	d on changed text from de in Sponsor Ballot to # <u>103029</u> uld be done as a
Response       For LB103 purposes this of D7.0 in LB96 to D7.0 in LB satisfy this comment as do         Cl 11k-D7. SC 3         "Marshall"         Comment Type       ER         This paragraph is not a de         SuggestedRemedy         Delete the paragraph start	Response Status O comment is invalid becaus 3103. However, consider ocumented in 11/253r7. P2 Comment Status R finition, and does not belo ing at line 5 Response Status O comment is invalid becaus	<i>L</i> <b>5</b> ong in a clause of se it is not based	e in Sponsor Ballot to # <u>103026</u> f definitions on changed text from	Response For LB103 purpose D7.0 in LB96 to D7 satisfy this commer Cl 11k-D7. SC 5.4 "Marshall" Comment Type ER Instead of inserting "change" and show SuggestedRemedy Show the complete underlining. Response	Response Status s this comment is invalid 0 in LB103. However, on at as documented in 11/2 P7 Comment Status a sentence into an exist the new sentence using	t because it is not based consideration will be made 253r7.	d on changed text from de in Sponsor Ballot to # <u>103029</u> uld be done as a nce at the end with

May 2007		IEEE	P802.11k D7.0 Condit	ional SB Report comme	nts	IEEE	802.11k-07/1956i
C/ 11k-D7. SC 7.1.3.1.2	P8	L 12	# 103030	Cl 11k-D7. SC 7.3.2.21 "Marshall"	P 18	L 26	# 103033
<i>Comment Type</i> <b>ER</b> Table is 1, not 11.	Comment Status R			Comment Type ER D6.0 comment #132 m	Comment Status R arked as "Accepted" but not	mplemented in c	Iraft
SuggestedRemedy Change to Table 1				SuggestedRemedy Underline the new text			
Response	Response Status 0			Response	Response Status 0		
D7.0 in LB96 to D7.0 in	s comment is invalid because LB103. However, considera documented in 11/253r7.			D7.0 in LB96 to D7.0 ir	is comment is invalid becaus h LB103. However, considera s documented in 11/253r7.		
C/ 11k-D7. SC 7.3.1.4 'Marshall"	P <b>13</b>	L <b>36</b>	# 103031	C/ 11k-D7. SC 7.3.2.21 "Marshall"	P 19	L <b>40</b>	# 103034
Comment Type <b>TR</b> Normative statements of	Comment Status <b>R</b> don't belong in clause 7.			Comment Type ER D6.0 comment #135 m	Comment Status R arked as "Accepted" but not	mplemented in c	Iraft
SuggestedRemedy				SuggestedRemedy			
Change "shall set" to "s	ets" and "shall be set" to "set	s"			ent Use", and add an Editor's		e 29 stating that the
Response	Response Status 0				an't be shown with underline/s	strikethrough.	
D7.0 in LB96 to D7.0 in	s comment is invalid because LB103. However, considera documented in 11/253r7.	e it is not based o tion will be made	on changed text from in Sponsor Ballot to	D7.0 in LB96 to D7.0 ir	Response Status <b>0</b> his comment is invalid becaus h LB103. However, considera s documented in 11/253r7.		
C/ 11k-D7. SC 7.3.1.11 Marshall"	P13	L <b>44</b>	# 103032	C/ <b>11k-D7.</b> SC <b>7.3.2.22</b> "Marshall"	P31	L 11	# 103035
	Comment Status R n't match the base standard. 5" should not be both underlin			Comment Type ER D6.0 comment #139 m	Comment Status R arked as "Accepted" but not	mplemented in c	Iraft
SuggestedRemedy				SuggestedRemedy			
Insert a row "4 Reserve to "4 <strikethrough>6&lt;</strikethrough>	d -" and change the "5 <unde underlined&gt;"</unde 	rlined> <strikethro< td=""><td>ough&gt;6<underlined>"</underlined></td><td></td><td>ent Use", and add an Editor's an't be shown with underline/s</td><td></td><td>e 30 stating that the</td></strikethro<>	ough>6 <underlined>"</underlined>		ent Use", and add an Editor's an't be shown with underline/s		e 30 stating that the
Response	Response Status 0			Response	Response Status 0		
teoponoe	s comment is invalid because		on changed text from in Sponsor Ballot to		is comment is invalid becaus n LB103. However, considera		

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID Submission Somet ID Submission Submissio

May 2007		IEEE I	P802.11k D7.0 Condit	ional SB Report comments		IEEE 8	302.11k-07/1956r0
C/ 11k-D7. SC 7.3.2.22.8 "Marshall"	P <b>40</b>	L 22	# 103036	Cl 11k-D7. SC 7.3.2.22.8 "Marshall"	P 41	L 23	# 103039
Comment Type ER C D6.0 comment #145 marked	<i>Comment Status</i> <b>R</b> d as "Accepted" but not ir	nplemented in dr	aft	Comment Type ER C D6.0 comment #147 marked	omment Status <b>R</b> I as "Accepted" but not i	implemented in d	raft
SuggestedRemedy Make the change agreed by	the TG			SuggestedRemedy Make the change agreed by	the TG		
Response Re	esponse Status <b>O</b>			Response Re	esponse Status <b>O</b>		
For LB103 purposes this co D7.0 in LB96 to D7.0 in LB1 satisfy this comment as doc	03. However, considerat	e it is not based o tion will be made	n changed text from in Sponsor Ballot to	For LB103 purposes this cor D7.0 in LB96 to D7.0 in LB1 satisfy this comment as doc	03. However, considera		
C/ 11k-D7. SC 7.3.2.22.8 "Marshall"	P <b>41</b>	L1	# 103037	C/ 11k-D7. SC 7.3.2.22.8 "Marshall"	P 41	L <b>45</b>	# 103040
Comment Type ER C D6.0 comment #146 marked	<i>Comment Status</i> <b>R</b> d as "Accepted" but not ir	nplemented in dr	aft	Comment Type <b>TR</b> C Normative statements don't	omment Status <b>R</b> belong in clause 7.		
SuggestedRemedy Make the change agreed by	the TG			SuggestedRemedy change "shall set" to "sets"			
Response Re	esponse Status O			Response Re	sponse Status O		
For LB103 purposes this co D7.0 in LB96 to D7.0 in LB1 satisfy this comment as doc	03. However, considerat			For LB103 purposes this cor D7.0 in LB96 to D7.0 in LB1 satisfy this comment as doc	03. However, considera		
C/ 11k-D7. SC 7.3.2.22.8 "Marshall"	P <b>41</b>	L 19	# 103038	C/ 11k-D7. SC 7.3.2.22.8 "Marshall"	P <b>42</b>	L <b>2</b>	# 103041
Comment Type ER C font wrong on this line	Comment Status R			Comment Type ER C D6.0 comment #148 marked	omment Status <b>R</b> I as "Accepted" but not i	implemented in d	raft
SuggestedRemedy fix				SuggestedRemedy Make the change agreed by	the TG		
Response Re	esponse Status <b>O</b>			Response Re	sponse Status <b>O</b>		
D7.0 in LB96 to D7.0 in LB96 t	, mment is invalid because 03. However, considera			For LB103 purposes this cor D7.0 in LB96 to D7.0 in LB1 satisfy this comment as doc	, mment is invalid becaus 03. However, considera		

May 2007 IEEE P802.11k D7.0 Co	onditional SB Report comments IEEE 802.11k-07/1956r
C/ 11k-D7. SC 7.3.2.22.10 P 43 L 33 # 103042	C/ 11k-D7. SC 7.3.2.39 P 51 L 15 # 103045 "Marshall"
Comment Type ER Comment Status R D6.0 comment #149 marked as "Accepted" but not implemented in draft	Comment Type <b>TR</b> Comment Status <b>R</b> Multiple lines here for entry "n" need to show the valid range for each.
SuggestedRemedy Make the change agreed by the TG Response Response Status <b>O</b>	SuggestedRemedy Delete the lines "and so on where" and delete the line "where n is the integer value (step) used to incidate the measured Access Delay". Change "n:" at start of line 15 to "2<=n<=14". Similar change on line 24 and 32.
For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.	Response       Response Status       O         For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.
Marshall"         Comment Type       TR       Comment Status       R         Normative statements don't belong in clause 7.         SuggestedRemedy         Change "shall have" to "have", and "shall be" to "are"         Response       Response Status       O         For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.	Cl 11k-D7. SC 7.3.2.39       P 51       L 15       # 103046         "Marshall"       Comment Type       TR       Comment Status       R         Comment Type       TR       Comment Status       R         Rows for "n" don't show the units of measurement       SuggestedRemedy       Add "us" for upper and lower bound on each         Response       Response Status       O         For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to
Cl 11k-D7. SC 7.3.2.37       P 48       L 44       # 103044         Marshall"       Comment Type       TR       Comment Status       R         Normative statements don't belong in clause 7.       SuggestedRemedy       Change "shall be" to "are"         Response       Response Status       O         For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.	satisfy this comment as documented in 11/253r7.         Cl 11k-D7. SC 7.3.2.44       P 54       L 37       # 103047         "Marshall"         Comment Type       TR       Comment Status       R         bad cross reference       SuggestedRemedy       Should be "Figure 112n"         Response       Response Status       O         For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.

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Cl 11k-D7. SC 7.3.2.44 P54 L 48 # 1030	C/ <b>11k-D7.</b> SC <b>7.3.2.44</b> P <b>55</b> L <b>50</b> # 103051 "Marshall"
Comment Type TR Comment Status R bad cross reference	Comment Type TR Comment Status R Normative statements don't belong in clause 7.
SuggestedRemedy Should be "Figure 112o"	SuggestedRemedy change "shall measure" to "measures"
Response Response Status <b>O</b>	Response Response Status O
For LB103 purposes this comment is invalid because it is not based on changed te D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor B satisfy this comment as documented in 11/253r7.	
C/ 11k-D7. SC 7.3.2.44 P 55 L 11 # 1030 "Marshall"	C/ 11k-D7. SC 7.3.2.44 P56 L2 # 103052 "Marshall"
Comment Type <b>TR</b> Comment Status <b>R</b> Multiple lines here for entry "n" need to show the valid range for each.	Comment Type TR Comment Status R Normative statements don't belong in clause 7.
SuggestedRemedy Delete the lines "and so on where" and delete the line "where n is the integer value	ep) change "shall be" to "is"
used to incidate the measured Access Delay". Change "n:" at start of line 15 to "2<=n<=14". Similar change on line 20 and 28.	Response Response Status O
Response Response Status O For LB103 purposes this comment is invalid because it is not based on changed te	For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to
D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor B satisfy this comment as documented in 11/253r7.	ot to
C/ 11k-D7. SC 7.3.2.44 P55 L11 # 1030	
'Marshall"	Comment Type ER Comment Status R
Comment Type TR Comment Status R	D6.0 comment #159 marked as "Accepted" but not implemented in draft
Rows for "n" don't show the units of measurement	SuggestedRemedy
SuggestedRemedy	Make the change agreed by the TG
Add "us" for upper and lower bound on each	Response Response Status <b>O</b>
Response         Response Status         O           For LB103 purposes this comment is invalid because it is not based on changed technologies         D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor B satisfy this comment as documented in 11/253r7.	

C/ 11k-D7. SC 10.3.6.3.2 'Marshall"	P 62	L 38	# 103054	C/ 11k-D7. SC 10 "Marshall"	.3.12.3.2	P <b>70</b>	L <b>32</b>	# 103057
	mment Status R				ER	Comment Status R		
Vendor Specific was deleted f						with original document. A	lso. "Number of	Repetitions" and
SuggestedRemedy				"Measurement C	Category"	is new text and should be	underlined.	
Would be acceptable to delete	e most of the table in 1	10.3.6.3.2 keeping	only the new rows.	SuggestedRemedy				
and change the editing instruc	tion to "Insert". But if	the editing instruct	tion is kept as	as in comment				
"Change", then include the Ve lines. Similar change needed				Response		Response Status 0		
10.3.14.1.2, 10.3.14.3.2.			0.12.1.2, 10.0.12.0.2,			comment is invalid becaus B103. However, considera		
	ponse Status <b>O</b>		a share and the form	satisfy this comr	ment as de	ocumented in 11/253r7.		
For LB103 purposes this com D7.0 in LB96 to D7.0 in LB103 satisfy this comment as docur	3. However, considera			C/ <b>11k-D7.</b> SC <b>10</b> "Marshall"	.3.32.2.2	P <b>79</b>	L <b>39</b>	# 103058
C/ 11k-D7. SC 10.3.12 'Marshall"	P 69	L <b>28</b>	# 103055		<b>ER</b> n is "inser	Comment Status R t", so no underlining neede	ed	
Comment Type ER Col	nment Status R			SuggestedRemedy				
D6.0 comment #162 marked a	as "Accepted" but not	implemented in dr	aft	Remove underli	ning unde	r the comma		
SuggestedRemedy				Response		Response Status <b>O</b>		
Make the change agreed by the	ne TG					comment is invalid becaus		
Response Res	oonse Status <b>O</b>					B103. However, considera ocumented in 11/253r7.	ation will be made	e in Sponsor Ballot to
For LB103 purposes this com								
D7.0 in LB96 to D7.0 in LB103 satisfy this comment as docur		ation will be made	in Sponsor Ballot to	C/ 11k-D7. SC 11 "Marshall"	.8	P 84	L 15	# 103059
C/ 11k-D7. SC 10.3.12.1.2	P 69	L 36	# 103056	Comment Type	ſR	Comment Status R		
Marshall"				With the change	in lines 1	6-19, the text on line 15 is	no longer introd	ucing a list.
Comment Type ER Col	nment Status R			SuggestedRemedy				
Formatting is inconsistent with			Repetitions" and	Delete the text of	on line 15.			
"Measurement Category" is no	ew text and should be	underlined.		Response		Response Status <b>O</b>		
SuggestedRemedy						comment is invalid becaus		
as in comment						B103. However, considera ocumented in 11/253r7.	ation will be made	e in Sponsor Ballot to
	oonse Status O			Sausry uns com	110111 05 00			
		o it is not based a	n changed text from					

Z/withdrawn SORT ORDER: Comment ID Submission

Joe Kwak, InterDigital

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C/ 11k-D7. SC 11.8	P 84	L <b>21</b>	# 103060	C/ 11k-D7. SC 18.3.5 "Marshall"	P110	L <b>45</b>	# 103063
Comment Type ER New text should be und	Comment Status R derlined			Comment Type ER TableTable	Comment Status R		
SuggestedRemedy Underline this paragrap	oh of new text			SuggestedRemedy Table			
Response	Response Status 0			Response	Response Status 0		
D7.0 in LB96 to D7.0 ir	is comment is invalid because LB103. However, considera s documented in 11/253r7.			D7.0 in LB96 to D7.0 ir	is comment is invalid because LB103. However, considera a documented in 11/253r7.		
C/ 11k-D7. SC 17.2.3 "Marshall"	P <b>105</b>	L <b>33</b>	# 103061	C/ 11k-D7. SC 18.4.4.2 "Marshall"	P111	L 17	# 103064
Comment Type ER TableTable	Comment Status R			Comment Type ER TableTable	Comment Status R		
SuggestedRemedy Table				SuggestedRemedy Table			
Response	Response Status 0			Response	Response Status 0		
D7.0 in LB96 to D7.0 ir	is comment is invalid because LB103. However, considera s documented in 11/253r7.			D7.0 in LB96 to D7.0 ir	is comment is invalid because LB103. However, considera a documented in 11/253r7.		
C/ 11k-D7. SC 17.5.4.2 "Marshall"	P <b>107</b>	L <b>46</b>	# 103062	C/ 11k-D7. SC 19.2 "Marshall"	P112	L <b>45</b>	# 103065
Comment Type ER TableTable	Comment Status R			Comment Type ER TableTable	Comment Status R		
SuggestedRemedy Table				SuggestedRemedy Table			
Response	Response Status 0			Response	Response Status 0		
D7.0 in LB96 to D7.0 ir	is comment is invalid because LB103. However, considera s documented in 11/253r7.			D7.0 in LB96 to D7.0 ir	is comment is invalid because LB103. However, considera a documented in 11/253r7.		

May 2007		IEEE	P802.11k D7.0 Condit	ional SB Report comments	IEEE 802.11k-07/1956r0	
C/ 11k-D7. SC 19.9.4.2	P113	L 8	# 103066	Cl 11k-D7. SC Annex D P 169 "Marshall"	L 38 # 103069	
Comment Type ER TableTable	Comment Status R			Comment Type ER Comment Status R underlining of "dot11SMTbase7" is not correct. Thi	s is changing "dot11SMTbase6" to	
SuggestedRemedy Table				"dot11SMTbase7" SuggestedRemedy remove underlining of "dot11SMTbase", show "6" v	with strikethrough keep "7" underlined	
Response	Response Status 0			<b>3</b>	Mill Stilketillough, keep 7 underlined	
D7.0 in LB96 to D7.0 in satisfy this comment as	s comment is invalid because LB103. However, considera documented in 11/253r7.	tion will be made	e in Sponsor Ballot to	Response         Response Status         O           For LB103 purposes this comment is invalid becau         D7.0 in LB96 to D7.0 in LB103. However, conside         satisfy this comment as documented in 11/253r7.		
Cl 11k-D7. SC 19.9.4.3 "Marshall"	P113	L 18	# 103067	C/ 11k-D7. SC Annex D P172 "Marshall"	L 24 # 103070	
Comment Type ER TableTable	Comment Status R			Comment Type <b>TR</b> Comment Status <b>R</b> dot11Groups 35 is already in use, for dot11OFDM	ComplianceGroup?	
SuggestedRemedy				SuggestedRemedy	JoniplianceOroupz	
Table Response	Response Status 0			Change this to dot11Groups 36, adjust the other do line 26, and page 174 line 49)	ot11Groups (page 171 line 39, page 174	
For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ballot to satisfy this comment as documented in 11/253r7.				Response Response Status <b>O</b> For LB103 purposes this comment is invalid because it is not based on changed text D7.0 in LB96 to D7.0 in LB103. However, consideration will be made in Sponsor Ball		
C/ 11k-D7. SC Annex D "Marshall"	P <b>125</b>	L <b>23</b>	# 103068	satisfy this comment as documented in 11/253r7.		
Comment Type ER why the extraneous page	Comment Status R ge break?					
SuggestedRemedy delete the extraneous p	age break					
Response	Response Status <b>O</b>					
D7.0 in LB96 to D7.0 in	s comment is invalid because LB103. However, considera documented in 11/253r7.					

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C/ 11k-D7. SC 7.3	<b>3.2.22</b> P:	30 L 2	3 #	103071
"Chaplin"				

#### Comment Type ER Comment Status R

"This comment is specifically about CID 14 of the comment resolution spreadsheet 11-07-0253-07-000k-4th-recirc-comment-resolution-worksheet.xls: the term "shall be" is normative, while ""is"" is not normative. Changing a term from ""shall be"" to ""is"" is changing the text from normative to non-normative. That sort of change is technical, and not just editorial. Thus, I strenously object to the group's arbritrary reclassification of my comment from ""Technical"" to ""Editorial"": the comment is clearly technical in nature, and calling it ""editorial"" doesn't change the fact that it's actually technical. Since this comment was indeed technical in nature, it should have been addressed in the last recirculation. Since it was not addressed then, it must be addressed now.

#### SuggestedRemedy

Resolve CID 14 of the comment resolution spreadsheet 11-07-0253-07-000k-4th-recirccomment-resolution-worksheet.xls

#### Response Response Status 0

"This comment is a repeat of editorial comment CID14 from LB96. This is not a new comment. Since the referenced LB96 comment is editorial, this LB103 comment is also reclassified as editorial. Section 7.0 contains normative frame format descriptions, and should not contain functional requirements. Shalls are editorially removed from section 7 for two reasons: 1) Intentional functional requirements using ""shall"" in section 7 are to be editorially moved to sections 9 or 11, as appropriate, 2) Unintentional (careless wording) use of ""shall"" in format descriptions are to be editorially replaced with the present tense, which does not modify the resulting format description. The instance of "shall"" referenced by LB96 CID14 falls into the latter category. The referenced changed text is not a technical change since any implementation designed from the text before the change would interoperate (operate identically) to an implementation designed from the text after the change. Please review the referenced page and line text and the resolution for CID14 from LB96 as documented in 11/253r7."

C/ 11k-D7. SC 7.3.2.22	P <b>30</b>	L <b>46</b>	# 103072
"Chaplin"			

#### Comment Type ER Comment Status R

"This comment is specifically about CID 15 of the comment resolution spreadsheet 11-07-0253-07-000k-4th-recirc-comment-resolution-worksheet.xls:the term "shall be" is normative, while ""is" is not normative. Dropping a term "shall be" is changing the text from normative to non-normative. That sort of change is technical, and not just editorial. Thus, I strenously object to the group's arbritrary reclassification of my comment from ""Technical"" to ""Editorial"": the comment is clearly technical in nature, and calling it "editorial" doesn't change the fact that it's actually technical. Since this comment was indeed technical in nature, it should have been addressed in the last recirculation. Since it was not addressed then, it must be addressed now. "

#### SuggestedRemedy

Resolve CID 15 of the comment resolution spreadsheet 11-07-0253-07-000k-4th-recirccomment-resolution-worksheet.xls

#### Response Response Status **O**

"This comment is a repeat of editorial comment CID15 from LB96. This is not a new comment. Since the referenced LB96 comment is editorial, this LB103 comment is also reclassified as editorial. Section 7.0 contains normative frame format descriptions, and should not contain functional requirements. Shalls are editorially removed from section 7 for two reasons: 1) Intentional functional requirements using "shall" in section 7 are to be editorially moved to sections 9 or 11, as appropriate, 2) Unintentional (careless wording) use of ""shall"" in format descriptions are to be editorially replaced with the present tense, which does not modify the resulting format description. The instance of ""shall"" referenced by LB96 CID15 falls into the latter category. The referenced changed text is not a technical change since any implementation designed from the text before the change would interoperate (operate identically) to an implementation designed from the text after the change. Please review the referenced page and line text and the resolution for CID15 from LB96 as documented in 11/253r7."

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID Page 13 of 14

Comment ID # 103072

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C/ 11k-D7. SC A.4.17 P116 L 22 # 103073

Comment Type TR Comment Status R

The measurement of a Noise Histogram adds significant complexity to the PHY. There is still no evidence that this complexity is justified for improving network performance.

#### SuggestedRemedy

This is a repeat comment from LB83. Make the Noise Histogram optional in the PICS, similar as in 11h.

Response Status 0

#### Response

For LB103 purposes this comment is invalid because it is not based on changed text from D7.0 in LB96 to D7.0 in LB103.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Comment ID # 103073 Z/withdrawn SORT ORDER: Comment ID Page 14 of 14 Joe

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