

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Proposed Edits to Enhance MAC/PHY Separation in IEEE 802.16.1/D1-2000	
Date Submitted	2001-01-17	
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Re:	IEEE P802.16/D1, Decembred 2000	
Abstract	Comparison files between proposed version edited version and published version	
Purpose	Include the edits that have been made into the document	
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How to read the attachments and other stuff

Carl Eklund
Nokia

What is this?

I have edited the document to make it more logical in my view. I have not on purpose made any technical changes from the version officially distributed.

Why have I done it?

We made a substantial rearrangement of the document between revisions. We agreed on the revisions in San Diego but were not able to incorporate them there. Between the SD meeting and the release of the document Glen Sater did a tremendous job of implementing many of the rearrangements. Some he was not able to do due to shortness of the holidays. I have taken a shot at the remaining items.

What are the attached files

There is a comparison file generated automatically by FM in PDF format that shows what has changed. Blue text is deletions and light green additions. Change bars are in red

There is also a PS file which gives a very short summary of changes. It is helpful though to locate the actual changes.

Document Comparison Summary

Documents

	Name	Modification Date
Newer Document:	P802161_D1-Body.fm	17 January 2001 10:45 am
Older Document:	P802161_D1-Body.fm	17 January 2001 10:45 am

Number of Changes

Type	Insertions	Deletions	Changes
Text Content	23	18	37
Markers	1	0	0
Anchored Frames	1	0	0
Cross-References	0	8	0

Flow A

Text Content Changes

Page Numbers

Composite	Newer	Older	Change	Text
44	44	44	Deleted:	“The following parameters shall be ...”
45	45	45	Deleted:	“Each Burst Descriptor shall include ...”
47	46	46	Deleted:	“The following parameters shall be ...”
48	48	48	Deleted:	“Each Burst Descriptor shall include ...”
50	49	49	Replaced:	“The PHY Synchronization Field is ...” With: “The PHY Synchronization field is ...”
51	50	50	Replaced:	“The encoding of remaining portions ...” With: “The encoding of remaining portions ...”
56	55	56	Replaced:	“msec” With: “ms”
89	88	89	Inserted:	“Transmission of MAC PDUs”
90	89	90	Replaced:	“PDU Fragments” With: “fragment PDUs”
90	89	90	Inserted:	“PDU which is a ”
90	89	90	Inserted:	“of a MSDU ”
90	89	90	Replaced:	“PDU fragments” With: “MSDU”
90	89	90	Deleted:	“Access Methods”
101	99	100	Inserted:	“MAC support of PHY layers”
103	101	101	Replaced:	“in the ” With: “a ”
103	101	101	Replaced:	“modes” With: “is used”
103	101	101	Deleted:	“29-bit ”
103	101	101	Replaced:	“4 ” With: “16 ”
103	101	101	Replaced:	“modulation ” With: “PS ”
103	101	101	Replaced:	“4th ” With: “16th ”
103	101	101	Replaced:	“the modulation symbol period” With: “a PS”
103	101	101	Deleted:	“. After either the BS ...”
103	101	102	Deleted:	“Since each PS contains 4 ...”
103	101	102	Deleted:	“Practical mini-slots are ...”
104	101	102	Deleted:	“In a framed mode of ...”
105	103	104	Replaced:	“PHY Control portion of the ...” With: “DL-MAP ”
105	103	104	Inserted:	“carried ”
105	103	104	Inserted:	“the UL-MAP pertains ...”
105	103	104	Replaced:	“Uplink Subframe Map in ” With: “Allocation Start Time measured from ”
105	103	104	Replaced:	“MAC Control portion ” With: “beginning ”
105	103	104	Replaced:	“Frame Control Header pertains to ” With: “frame it

			was received in ...”
105	103	104	Replaced: “current or following frame” With: “last allocated minislot”
107	104	105	Replaced: “the ” With: “a ”
107	104	105	Replaced: “the ” With: “an ”
216	213	214	Replaced: “was ” With: “is ”
216	213	214	Inserted: “Downstream and Upstream Operation”
218	215	214	Inserted: “PHY Mode A:”
218	215	214	Inserted: “The BS periodically transmits downstream ...”
218	215	215	Inserted: “Mode B:”
219	216	216	Inserted: “Mode B:”
222	216	216	Deleted: “PHY Continuous FDD Mode Support”
222	216	219	Inserted: “Mode B: ”
222	216	219	Deleted: “Message headers are sent unencrypted...”
222	216	219	Replaced: “PHY Control portion of the ...” With: “DL-MAP message ”
222	217	219	Inserted: “SSs listen to all portions ...”
223	217	220	Deleted: “Allowable frame times”
223	217	220	Replaced: “MAC/TC messages ” With: “bursts ”
224	218	221	Inserted: “Mode A and Mode B...”
224	218	221	Inserted: “This section is in contradiction ...”
224	218	221	Replaced: “QAM-4 ” With: “QPSK ”
224	218	221	Replaced: “message by the base station ...” With: “message”
227	218	221	Deleted: “Continuous Downstream and Upstream Structure”
227	219	223	Inserted: “Physical layer type (PHY ...”
227	220	223	Inserted: “Downstream Mode A: Message ...”
241	234	234	Inserted: “Mode B: Downstream Framing”
255	248	244	Inserted: “Defintion of parameters for Burst ...”
255	248	244	Replaced: “for ” With: “of ”
255	248	244	Deleted: “PHY/MAC ”
255	248	244	Deleted: “message ”
255	248	244	Replaced: “PHY/MAC ” With: “intial ”
255	248	244	Inserted: “as defined in ”
255	248	244	Inserted: “known to the SS at ...”
255	248	244	Replaced: “will ” With: “must ”
266	259	253	Inserted: “Required Burst Descriptor parameters”
283	276	270	Replaced: “msec” With: “ms”
283	276	270	Replaced: “msec” With: “ms”
284	277	271	Replaced: “msec” With: “ms”
297	290	284	Replaced: “msec” With: “ms”
297	290	284	Replaced: “msec” With: “ms”
297	290	284	Replaced: “msec” With: “ms”
298	291	285	Replaced: “msec” With: “ms”
298	291	285	Replaced: “msec” With: “ms”
298	291	285	Replaced: “msec” With: “ms”
299	292	286	Replaced: “msec” With: “ms”
299	292	286	Inserted: “Physical Slot (PS) ”
302	295	289	Deleted: “This TLV is only used ...”
302	295	289	Deleted: “This TLV is only used ...”
304	297	291	Replaced: “. This TLV is used ...” With: “.”

Marker Changes

Page Numbers

Composite	Newer	Older	Change	Type	Text
241	234	234	Inserted:	Cross-Ref	41648: H3,1.1.1: 2.6.4 PHY Burst Mode Support

Anchored Frame Changes

Page Numbers

Composite	Newer	Older	Change
224	218	221	Inserted

Cross-Reference Changes

Page Numbers

Composite	Newer	Older	Change	Cross-Reference Text
50	49	49	Deleted:	"Figure 16"
50	49	49	Deleted:	"Figure 17"
50	49	49	Deleted:	"11.1.2..."
50	49	49	Deleted:	"Figure 16"
50	49	49	Deleted:	"8.2.3..."
51	50	50	Deleted:	"Figure 15"
51	50	50	Deleted:	"8.2.3"
104	101	102	Deleted:	"Figure 52"