

Document under Review: **P802.16e/D1**Ballot Number: **14**

Comment Date

Comment # **10083**Comment submitted by: **Robert****Nelson**

Member

2004-03-04

Comment Type **Technical, Binding**Starting Page # **8**Starting Line # **11**

Fig/Table#

Section **1.4.1.2.1.2**

The intro to sleep mode indicates that a variety of operations can be attempted during a nap. This section describes an alternate, explicit way of initiating a scanning period. Is there a need for both?

Suggested Remedy

Delete support for the scan request mechanism and update the text in this section to reference how the activity occurs during sleep mode.

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Accepted-Modified**

Move 1.4.1.2.1 to section "6.4.19 Mobility support" (adjust section 6 index as required).

The sleep mode section does not explicitly explain how to do scanning, which is what this section describes.

Reason for Group's Decision/Resolution

The sleep mode section does not explicitly explain how to do scanning while asleep, which is what this section describes.

See also the response to Comment 133, submitted by the same commentor in the subsequent recirculation.

Group's Notes**Group's Action Items****Editor's Notes****Editor's Actions** 1) none needed

Superseded by Comment #76.

Editor's Questions and Concerns**Editor's Action Items**

Document under Review: **P802.16e/D1**Ballot Number: **14**

Comment Date

Comment # **10258**

Comment submitted by: Robert

Nelson

Member

2004-03-04

Comment	Type	Technical, Binding	Starting Page #	32	Starting Line #	49	Fig/Table#	Section	6.4.16
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The section essentially duplicates content in the base document that defines scheduling attributes of the four service types. That discussion, however, is oriented specifically toward uplink operation. Conceivably the information defined in this section is intended to apply to both uplink and downlink connections.

It would seem preferable to standardize on one set of scheduling parameters rather than including multiple but highly similar definitions. I will include in the D3 sponsor ballot a submission that will generalize the discussion in D3 section 6.4.5 to apply to both uplink and downlink.

Suggested Remedy

Delete all text associated with the proposed section "6.4.16 Data Delivery Services" (Page 32, Line 49 through Page 35, Line 18)

Delete all text associated with 11.4.9.9 and 11.4.9.10 (Page 64, Line 12 to Line 44)

Delete all text associated with Data Delivery Service TLVs (Page 65, Line 1 to Page 66, Line 12)

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Accepted-Modified**

Refer to comment #250. This text is to be modified/updated according to comment 250 and it is recommended the commenter coordinate actions with Vladimir.

Reason for Group's Decision/Resolution

This text does not duplicate the content of the base document. It expands upon that content by specifying the detailed service parameters required for mobile operation.

The text to be incorporated from Contribution #250 specifies a single set of parameters, per the intent of the comment.

See also the response to Comment 121, submitted by the same commentor in the subsequent recirculation.

Group's Notes**Group's Action Items****Editor's Notes****Editor's Actions** |) none needed**Editor's Questions and Concerns****Editor's Action Items**

Document under Review: **P802.16e/D2**Ballot Number: **14a**

Comment Date

Comment # **121**

Comment submitted by: Robert

Nelson

Member

2004-05-11

Comment Type **Technical, Binding**Starting Page # **31**Starting Line # **45**

Fig/Table#

Section **6.3.18**

The section on Data delivery services duplicates the content of 6.3.5 of the base document. There is no need to have two essentially equivalent ways of specifying service flow QOS information.

Suggested Remedy

Delete section 6.3.18 (Page 31, Line 45 through Page 33, Line 65)

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Rejected****Reason for Group's Decision/Resolution**

0 in favor, 7 against. Note that this comment seems to be a followup to Comment 10258, submitted by the same commentor in an earlier recirc.

This text does not duplicate the content of the base document. It expands upon that content by specifying the detailed service parameters required for mobile operation.

Group's Notes**Group's Action Items****Editor's Notes****Editor's Actions** |) none needed**Editor's Questions and Concerns****Editor's Action Items**

Document under Review: **P802.16e/D2**Ballot Number: **14a**

Comment Date

Comment # **133**

Comment submitted by: Robert

Nelson

Member

2004-05-11

Comment Type **Technical, Binding**Starting Page # **41**Starting Line # **33**

Fig/Table#

Section **6.3.20.1.2**

One of the possible MSS activities listed for sleep mode is scanning for a neighbor BS and related activities. The document also distinctly describes a scanning mode for these purposes. Why is there a need for both?

Suggested Remedy

Two choices

- 1) Delete all discussion of the the MOB-SCN-REQ/RSP dialog and reference scanning, association, etc as activities that an MSS may undertake in sleep mode.
- 2) Delete scanning related activities as valid options when "sleeping"

Proposed Resolution**Recommendation:****Recommendation by**

- 1) Delete all discussion of the the MOB-SCN-REQ/RSP dialog and reference scanning, association, etc as activities that an MSS may undertake in sleep mode.
- 2) Delete scanning related activities as valid options when "sleeping"

Reason for Recommendation**Resolution of Group****Decision of Group: Rejected****Reason for Group's Decision/Resolution**

0 votes to accept, 6 to reject. Note that this comment seems to be a followup to Comment 10083, submitted by the same commentor in an earlier recirc.

The two scanning methodologies are not specifying the same function. The referenced section specifically deals with scanning during a hand-off, which involves establishment and termination of a connection. Scanning during sleep mode is strictly an MSS update process used to facilitate Cell Selection when the MSS wakes up from sleep mode (see 6.3.20.2.1).

Group's Notes**Group's Action Items****Editor's Notes****Editor's Actions** 1) none needed**Editor's Questions and Concerns****Editor's Action Items**

Document under Review: **P802.16e/D2**Ballot Number: **14a**

Comment Date

Comment # **139**

Comment submitted by: Robert

Nelson

Member

2004-05-11

Comment Type **Technical, Binding**Starting Page # **43**Starting Line # **31**

Fig/Table#

Section **6.3.20.2**

Use of "cell" in the document is inconsistent with the base document. In the base document, sector refers to the zone of control of a single BS and "cell" refers to a collection collocated BS/sectors. The discussion in P80216e_D2 appears to use cell where the base document would use sector.

Suggested Remedy

Replace all occurrences of cell in the document with sector except the reference in Figure 141n

Proposed Resolution**Recommendation:****Recommendation by****Reason for Recommendation****Resolution of Group****Decision of Group: Rejected****Reason for Group's Decision/Resolution**

11 in favor, 5 against. Fails for lack of 75% majority, per sponsor Policies and Procedures.

The use of "cell" is consistent with the base document. The amendment uses "cell" to refer to a logical collection of collocated BS/sectors. See Figure 130n (paging groups) for an example. See also the discussion on cell/sector interference on page 231, lines 1 - 11.

Group's Notes**Group's Action Items****Editor's Notes****Editor's Actions** |) none needed**Editor's Questions and Concerns****Editor's Action Items**

Document under Review: **P802.16e/D4**Ballot Number: **14c**

Comment Date

2004-08-16

Comment # **734**

Comment submitted by: Robert

Nelson

Comment	Type	Technical, Binding	Starting Page #	56	Starting Line #	57	Fig/Table#	Section	6.3.18
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Data delivery service is defined and assigned TLV definitions, but is never referenced in the normative portion of the standard. The only reference is on page 210 in Informative Appendix D which can be removed

Suggested Remedy

Page 56, Line 57 to Page 59, Line 10: Delete subclause 6.3.18,
 Page 200, Line 26, Table 381a, Delete row containing "30 Type of Data Delivery Services"
 Page 201, Line 8 to 22, Delete subclause 11.13.23

Page 211, Line 13, Modify as indicated (text reflects content of 6.3.14.4.1)
 During network entry (ie. either initial network entry, or post-handover reentry), an MSS may specify a Global Service Class Name ~~or Data Delivery Service with an optional set of service flow parameter modifiers, or an SFID~~ to request a particular level of admitted/active QoS for a Service Flow. The BS will then evaluate the request, and supply a Global Service Class Name corresponding to the level of QoS that it is willing to supply for the Service Flow, which will become the admitted/active parameter set for the Service Flow. If the MSS does not specify ~~a Service Class Name or Data Delivery Service service flow parameters~~, the values specified by Network Management will become the admitted/active parameter set.

Proposed Resolution	Recommendation:	Recommendation by
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Reason for Recommendation

Resolution of Group	Decision of Group: Rejected
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This is referenced in normative section 6.3.18, and that normative section describes the use of the data delivery service TLV items as in 11.13.23 MAC management messages.

In fact, the commenter's proposed remedy deletes the very normative text which he says does not exist.

Reason for Group's Decision/Resolution

The commenter's proposed remedy deletes the very normative text which he says does not exist.

This content is referenced in 6.3.18, and that normative subclause describes the use of the data delivery service TLV items as in 11.13.23 MAC management messages.

This comment is similar to Comments #121 and #10258, where the same commentor recommends deletion of the normative text that in this comment he states does not exist. The normative text for data delivery services does exist and is required in the document.

See also the responses to Comments #121 and #10258.