Comment # 01

Type: Editorial

Starting Page #: 

Starting Line #: 

Fig/Table#: 

Section: 

---

Comment

Incorrect reference format

Suggested Remedy

Fix it!

Proposed Resolution

Recommendation: 

Recommendation by

---

Reason for Recommendation

Resolution of Group

Decision of Group: Rejected

---

Insufficient information to fix the crossreference.

Reason for Group's Decision/Resolution

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
The draft, everywhere, uses ASCII character 31 instead of the space character.

Suggested Remedy
Globally replace ASCII character 31 with the space character [ASCII character 32].

Proposed Resolution

Recommended by

Reason for Recommendation

Resolution of Group

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes

Editor's Actions k) done

I hope...

Editor's Questions and Concerns

Editor's Action Items
The document is not properly formatted to implement the requirement in the PAR that: "The standard will include access to an electronic form that will produce data transferable to another party."

Suggested Remedy

The only practical way to implement this is by exporting the FrameMaker source into an HTML file in which the data to be entered are tagged as form elements. This will allow for easy creation of an electronic PICS. The result will make preparation and submittal of PICS forms easy and reliable.

In order to allow ready conversion into form-tagged HTML, the following changes need to be made:

1. It would be more logical (though it's not really necessary) if every user-entered parameter would be in its own separate table cell. The applicable tables are all those in Annex A, except those in A.1. However, all the tables after A.2 are fine on this account, so only those in A.2 need to be updated.

2. In each cell where data is to be entered, the HTML text that defines the form tag should be entered. The text in these cells should be labeled as "conditional text" in FrameMaker, with the condition "HTML". When the condition "HTML" is off, the text will not appear and will not affect the page layout. Therefore the "PDF will show no sign of it. However, when the condition "HTML" is on, the text will appear and the exported HTML file will contain the tags.

3. Each form tag will need to include a unique parameter identifier ("paramname" below). That identifier could be associated with the name of the table and the row of the table (though that is a bit risky, because the tables and rows might be renumbered in the future).

4. (a) For "Support" parameters, the form tags should be list boxes with the choices "Y", "N", and "n/a"; i.e.:

   `<SELECT name=paramname>
   <OPTION>Y
   <OPTION>N
   <OPTION>n/a
   </SELECT>`

   (b) For the tables in A.2, the form tags should be text boxes:

   `<TEXTAREA name="paramname"></TEXTAREA>`

   (c) For "Values Supported" parameters, the form tags should be list boxes of the available values, or text boxes if the value is arbitrary (or if the list would be too long).
(5) It might be beneficial to add these parameter identifiers into the standard, using an additional column in each table.

<table>
<thead>
<tr>
<th>Proposed Resolution</th>
<th>Recommendation:</th>
<th>Recommendation by</th>
</tr>
</thead>
</table>

**Reason for Recommendation**

**Resolution of Group**

**Decision of Group:** Accepted-Modified

Implementation of an HTML form [Items 2, 3, and 4 of the comment] will not affect the draft under ballot. No change to the draft is required.

In order to prepare for the possible future editorial implementation of an HTML form, Item 1 of the comment was implemented. Item 5 is not necessary; parameter names can simply be developed from the table number and row number. Including these parameter names in the draft would just make it more confusing.

**Reason for Group's Decision/Resolution**

**Group's Notes**

**Group's Action Items**

**Editor's Notes**

**Editor's Actions**

1) pass off to other editor

**Editor's Questions and Concerns**

**Editor's Action Items**
An Editorial and SCC 10 review was completed for P1802.16.1_D2. This document meets all requirements of coordination.

<table>
<thead>
<tr>
<th>Suggested Remedy</th>
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<th>Recommendation:</th>
<th>Recommendation by</th>
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<th>Decision of Group: Accepted</th>
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</table>

<table>
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</table>

<table>
<thead>
<tr>
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</tr>
</thead>
</table>
An Editorial and SCC 10 review was completed for P1802.16.1_D2. This document meets all requirements of coordination.
Add in the new 802.16 Working Group Vice Chair.

Suggested Remedy
Add "Carl Eklund, Vice Chair"

Proposed Resolution

Reason for Recommendation

Resolution of Group

Decision of Group: Accepted

Reason for Group’s Decision/Resolution

Group’s Notes

Group’s Action Items

Editor’s Notes

Editor’s Actions

Editor’s Questions and Concerns

Editor’s Action Items
The word "Proforma" was missing from the title in the FrameMaker source of Draft 2. It was edited into the PDF.

Suggested Remedy
Make sure that the word "Proforma" is in the title of Draft 3.

Proposed Resolution

Reason for Recommendation

Resolution of Group

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes

Editor's Actions k) done

Title as per PAR

Editor's Questions and Concerns

Editor's Action Items
Whenever "WirelessMAN-SC™" is used, there is a problem of letters overlapping in the printed hard copy. But it looks fine on computer screen.

Examples:
cover page, line 36;
page 7, line 34;
page 10, line 14;
.....

Suggested Remedy
????

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted-Clarified

Probably a problem in commentor's font setup. No action needed.

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes Editor's Actions l) none needed

Problem in Lei's computer...

Editor's Questions and Concerns

Editor's Action Items
A PAR has been submitted to create a sub-part 3: Radio Conformance Test Document

Suggested Remedy

Make the ATS on line 16 "Sub-part 4"
At line 15 add "Sub-part 3: Radio Conformance Test (RCT) specification"

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
Error in name of Reference 1.

Suggested Remedy

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted

Reason for Group’s Decision/Resolution

Group’s Notes

Group's Action Items

Editor's Notes

Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items

Resolution of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes

Editor's Actions

k) done

Editor's Questions and Concerns

Editor's Action Items
Title of Reference 5 will probably change before publication.

Suggested Remedy

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes
Group's Action Items

Editor's Notes Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
The document needs a reference to Reference [5].

Suggested Remedy

Change "terms defined in [1] as amended by [4];" to:
"terms defined in [1] as amended by [4] and [5];"

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted-Modified

Also do it section A.3 and in the rest of the document where applicable as the technical content is defined by the base specification as amended.

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
Should alphabetize the Abbreviation list.

Suggested Remedy

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
Since Sub-part 3 will be a Radio Conformance Test Specification, RCT should be added to the abbreviation list.

Suggested Remedy

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
The title of the Annex says IEEE 802.16-2001 WirelessMAN-SC, but the TGa and TGc amendments may someday be combined with the original specification into a single document. I think we should drop the "-2001" to make the title more future proof.

Suggested Remedy

Proposed Resolution

Reason for Recommendation

Resolution of Group

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes

Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
Item on Slip indicator is missing

Suggested Remedy
Add an item
11) Correctly set SI bit 6.2.5.1 c2l

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
In Table 17, make the following changes:
change the status of item 3 from "c2" to "c3";
change the status of item 4 from "c3" to "c4".

add the following line in line 64, page 24:
c4: IF A120/3 THEN m ELSE n/a

Reason for Recommendation

Resolution of Group: Accepted-Clarified

Change the condition to:
c1: IF (profP1f OR profP2f) THEN m ELSE n/a
c2: IF A120/1 THEN m ELSE n/a
c3: IF A120/2 THEN m ELSE n/a
c4: IF (profP1t OR profP2t) THEN m ELSE n/a

Change the conditions in A 120 to read:
o.1: IF (profP1f or profP2f) THEN exactly one of these options must be supported ELSE i
c1: IF (profP1f OR profP2f) THEN m ELSE n/a
c2: IF (profP1t OR profP2t) THEN m ELSE n/a
c3: IF (A120/2 OR A120/3) THEN m ELSE n/a
c4: IF (A120/1 OR A120/2) THEN m ELSE n/a
Item on support of frequency scanning is missing

Suggested Remedy
Add item
1ISS scans allowed channels for preamble and DL-MAP I 6.2.9.2 | ml
Incerment the number of remaining items by 1

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
Item on maintaining downlink synch correctly is missing

Suggested Remedy
Add item 4) SS maintains downlink synch correctly | 6.2.9.2| m |

Proposed Resolution

Reason for Recommendation

Resolution of Group  Decision of Group: Accepted

Reason for Group’s Decision/Resolution

Group's Notes
Group's Action Items

Editor's Notes
Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
<table>
<thead>
<tr>
<th>Comment #</th>
<th>21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comment submitted by</td>
<td>Carl Eklund</td>
</tr>
</tbody>
</table>

**Comment**

![Image of the comment](image_url)

**Item on maintaining UL parameters missing**

**Suggested Remedy**

Add item

| 2 | SS maintains uplink parameters | 6.2.9.3 | m | |

**Proposed Resolution**

**Recommendation:**

**Reason for Recommendation**

**Resolution of Group**

Decision of Group: **Accepted**

**Reason for Group's Decision/Resolution**

**Group's Notes**

**Group's Action Items**

**Editor's Notes**

**Editor's Actions**

k) done

**Editor's Questions and Concerns**

**Editor's Action Items**
Suggested Remedy
Add new section after A.6.1.8.8

This subclause covers the requirements of subsection 6.2.9.12 of [1].
Add table in said section with

| 1 | SS sends TFTP-CPLT after successful configuration | 6.2.9.12 | m | |
| 2 | SS receives TFTP-RSP after sending TFTP-CPLT | 6.2.9.12 | m | |
| 3 | SS retransmits TFTP-CPLT on failure to receive TFTP-RSP after sending TFTP-CPLT | 6.2.9.12 | m | |

Proposed Resolution

Resolution of Group
Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes

Editor's Actions: k) done

Editor's Questions and Concerns

Editor's Action Items
Comment 23

Type: Editorial

Starting Page #: 30
Starting Line #: 4
Fig/Table #: A29
Section: A.6.1.9

Title of A29 could be clarified

Suggested Remedy

Change title to read:
Periodic Ranging and Downlink Burst Profile Management - SS

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes

Editor's Actions: k) done

Editor's Questions and Concerns

Editor's Action Items
Item 2 seems to be incorrect as a re-range during periodic ranging should not be a full reset
Item 3 could be reworded for clarity

Suggested Remedy
Reword Item 3 to be:
Adjust timing and/or transmit power in response to a received RNG-RSP

Reword item 2

Proposed Resolution

Reason for Recommendation

Resolution of Group

Decision of Group: Accepted-Modified

Reword Item 3 to be:
Adjust timing and/or transmit power in response to a received RNG-RSP

Reword item 2 by changing the word re-initialize to 're-range'.

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes

Editor's Actions

k) done

Editor's Questions and Concerns

Editor's Action Items
Comment # 25  
Comment submitted by: Carl Eklund

Reference is stated as TBD

Suggested Remedy
Change TBD to 11.4.0

Proposed Resolution
Recommendation: TBD

Reason for Recommendation

Resolution of Group

Decision of Group: Accepted

Reason for Group’s Decision/Resolution

Group’s Notes

Group’s Action Items

Editor’s Notes

Editor’s Actions k) done

Editor’s Questions and Concerns

Editor’s Action Items
Suggested Remedy

Change Request to Reply in table header

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted

Reason for Group’s Decision/Resolution

Group’s Notes

Group’s Action Items

Editor’s Notes Editor’s Actions k) done

Editor’s Questions and Concerns

Editor’s Action Items
Comment # 27  
Comment submitted by: Carl Eklund

Comment Type: Technical, Non-binding  
Starting Page #: 80  
Starting Line #: 5  
Fig/Table#: A12  
Section:

Stuffing seems to be missing but is the correct place to include it?

Suggested Remedy
Add item on stuffing where it fits best

Proposed Resolution  
Recommendation:  
Recommendation by

Reason for Recommendation

Resolution of Group
Decision of Group: Accepted-Clarified

Add item in A122:
| 23 | Stuffing | 8.2.6.3.2 | m |

Reason for Group’s Decision/Resolution

Group’s Notes
Group’s Action Items

Editor’s Notes
Editor’s Actions  
k) done

Editor’s Questions and Concerns

Editor’s Action Items
There is a class of capabilities that seem to have been missed. There is no place to state that a BS can support multiple SS (Point-to-multipoint), or multiple SS each of which have different current PHY modes. These capabilities are only marginally implied by other capabilities. Since the PICS will drive the generation of the test purposes, and ultimately the test cases themselves, this major capability needs to be present or we run the risk of BS conformance tests being run against only a single test SS.

Suggested Remedy
Find an appropriate place to add explicit PmP support.

Proposed Resolution
Add item in A138

I8l BS supports operation with multiple SSs I 6.2.7l ml l

Editor's Action Items
k) done
Suggested Remedy
Add
'c1:' before conditional on line 50

Proposed Resolution Recommendation:

Reason for Recommendation

Resolution of Group Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes
Group's Action Items

Editor's Notes Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
Clarification is needed

Suggested Remedy
Amend item 3 to state
BS sends RNG-RSP after receiving RNG-REQ
Add item after item 3

| 4 | Send RNG-RSP after reception of an additional RNG-REQ from SS that was previously sent a RNG-RSP | 6.2.9.5|m| |

Renumber remaining items

Proposed Resolution

| Recommendation | Recommendation by |

Reason for Recommendation

Resolution of Group

| Decision of Group: Accepted-Modified |

Amend item 3 to state
BS sends RNG-RSP after receiving RNG-REQ

Reason for Group's Decision/Resolution

Group's Notes

Editor's Notes

Editor's Action Items

k) done

Editor's Questions and Concerns

Editor's Action Items
The entire table A145 is redundant with table A159

Suggested Remedy
Delete table A145

Proposed Resolution
Replace A145

with
I1I BS performs authorization of SS l 6.2.9.8 l mll'

Reason for Group's Decision/Resolution

Group's Notes

Group's Action Items

Editor's Notes
Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
There is no REG-ACK message defined in the standard

Suggested Remedy
Delete items 4-5

Proposed Resolution

Reason for Recommendation

Resolution of Group

Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Action Items

Editor's Notes

k) done

Editor's Questions and Concerns

Editor's Action Items
The BS should be capable of detecting timing and power

Suggested Remedy

Add item:

BS measures power and timing during ranging opportunities and detects deviations | 6.2.10 | ml |

Proposed Resolution Recommendation:

Add item:

BS measures power and timing during ranging opportunities and detects deviations | 6.2.10 |

Change in item 2: "Command SS to adjust PHY parameters in response to RNG-RSP after initial ranging" to "Command SS to adjust PHY parameters with unsolicited RNG-RSP"

Reason for Group’s Decision/Resolution

Group’s Notes

Editor’s Notes Editor’s Actions k) done

Editor’s Questions and Concerns
Suggested Remedy
Change 'Change' to 'Deletion' in table heading

Proposed Resolution Recommendation: Recommendation by

Reason for Recommendation

Resolution of Group Decision of Group: Accepted

Reason for Group's Decision/Resolution

Group's Notes
Group's Action Items

Editor's Notes Editor's Actions k) done

Editor's Questions and Concerns

Editor's Action Items
Items covering the RES-CMD and DREG-CMD protocols are missing. Only the messages are listed.

**Suggested Remedy**

Add this to PICS before section 7.2

**Proposed Resolution**

Add A.6.1.15
Reset and de/re-register commands

<table>
<thead>
<tr>
<th>Item</th>
<th>Capability</th>
<th>Reference</th>
<th>Status</th>
<th>Support</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Perform action commanded in RES-CMD</td>
<td>6.2.2.3.22</td>
<td>m</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Perform action commanded in DREG-CMD</td>
<td>6.2.2.3.26</td>
<td>m</td>
<td></td>
</tr>
</tbody>
</table>

On the BS side add A.7.1.16
Reset and de/re-register commands

<table>
<thead>
<tr>
<th>Item</th>
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<tbody>
<tr>
<td></td>
<td>Support RES-CMD protocol</td>
<td>6.2.2.3.22</td>
<td>m</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Support DREG-CMD protocol</td>
<td>6.2.2.3.26</td>
<td>m</td>
<td></td>
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</table>

**Reason for Recommendation**

Resolution of Group

Decision of Group: **Accepted-Clarified**

Add A.6.1.15
Reset and de/re-register commands

Reset and de/re-register commands

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Reset and de/re-register commands

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</tbody>
</table>

**Reason for Group’s Decision/Resolution**

Group’s Notes
Group’s Action Items

**Editor’s Notes**

Editor's Actions: k) done

**Editor’s Questions and Concerns**
On lines 24 and 27 the possibility of other frame lengths are mentioned however 1ms is the only value.

Suggested Remedy
Delete 'ELSE TBD' from c1 and c3

Proposed Resolution

Resolution of Group
In table A97 add item
| 5 | DL-center frequency | 10.3 | m | multiple of 250kHz within frequency band of operation |

In table A216 add item
| 4 | DL-center frequency | 10.3 | m | multiple of 250kHz within frequency band of operation |

Proposed Resolution: In table A97 add item
Resolution of Group: Accepted