IEEE P802.11
Wireless LANs

|  |
| --- |
| Clauses 3.2, 3.3, and 3.4 Comment Resolution |
| Date: 2017-07-19 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Osama Aboul-Magd | Huawei Technologies | 303 Terry Fox DriveOttawa, ONT, CanadaK2K-3J1 | 613-287-1405 | Osama.aboulmagd@huawei.com  |
|  |  |  |  |  |

Abstract

This submission includes proposed resolutions to CIDs;

* 5308, 6070, 6914, 6915, 6916, 6922, and 8171 **(Editor Group)**
* 6920 and 7222 **(MAC Gorup)**

R0: Initial draft

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Clause** | **Duplicate of CID** | **Resn Status** | **Comment** | **Proposed Change** | **Resolution** | **Owning Ad-hoc** |
| 5308 | 6.59 | 3.3 |  |  | Single MPDU (S-MPDU) is not defined | Add definition of Single MPDU (Used on page 77) | RejectedS-MPDU (Single MAC Protocol Data Unit) is defined in 802.11ah\_2016 | EDITOR |
| 6070 | 7.01 | 3.4 |  |  | A lot of abbrevations are missing, for example: BSR, BQR etc. | Add the missing abbreviations | RevisedAdditional Abbreviations are added to the list in clause 3.4. TGax Editor to implement changes in <this document> | EDITOR |
| 6914 | 6.65 | 3.2 |  |  | Define what a High Efficacy (HE) STA is, as this term is used throughout the amendment | Provide a definition | RejectedThere is no need to add an HE STA definition in Clause 3.2. A detailed definition of HE STA is given in Clause 4.3.14a | EDITOR |
| 6915 | 6.65 | 3.2 |  |  | Define what a High Efficacy (HE) non-AP STA is, as this term is used throughout the amendment | Provide a definition | RejectedThere is no need to add HE non-AP STA definition in Claue 3.2. A detailed definition of HE non-AP STA is given in Clause 4.3.14a  | EDITOR |
| 6916 | 6.65 | 3.2 |  |  | Define what a High Efficacy (HE) AP is, as this term is used throughout the amendment | Provide a definition | RejectedThere is no need to add an HE AP definition in Cluase 3.2. A detailed definition of HE AP is given in Clause 4.3.14a  | EDITOR |
| 6920 | 7.06 | 3.4 |  |  | The use of DL for Downlink was used in the 802.11ah throughout the document, but was not included in the acronym list, nor is the concept of Downlink defined anywhere. So please confirm that the way DL is used in 802.11ah is constant with the way it is used in this amendment and the definition of downlink provided in 802.11-REVmc. If it is constant with the definition in 802.11-REVmc I suggest that the definition should contain the acronym as is usually done. | Update the base line defection of downlink to contain: downlink (DL). | Revised“Downlink” is defined in 802.11-2016 as *A unidirectional link from an access point (AP) to one or more non-AP (STAs) or a unidirectional link from a non-AP destination directional multi-gigabit (DMG) STA to a non-AP source DMG STA.*The first part of the definition is consistent with the 11ax use of the term.DL is included in Clause 3.4 (Abbreviation and acronyms) in draft D1.3.No more action is needed. | MAC |
| 6922 | 7.22 | 3.4 |  |  | The base line specification uses HE to mean: Homogenous extended in HESSID. This is confusing, given the introduction of HE as High Efficacy. | Change the Abbreviation of HESSID to beH-ESSIDNote this change also be made in all places HESSID is currently used in the base line specifications. There are 42 uses of HESSID in (mc) and 13 locations in ai which need to be changed. | RejectedIt is true that HESSID is used for “Homogeneous Extended Service Set Identifier” (HESSID). Hiwever “HE” by ioteself is not used for the term “Homogeneous Extended”There is no confusion between HE and HESSID. | EDITOR |
| 7222 | 7.05 | 3.4 |  |  | BQRP, BSRP and RAPS should be added as abbribiations | BQRP, BSRP and RAPS should be added to Abbribiations | RevisedAdditional Abbreviation are added to the list in clause 3.4. TGax Editor to implement changes in <this document> | MAC |
| 8171 | 7.01 | 3.4 |  |  | The abberviation list seems to be incomplete | add missing abbreviations, e.g. MU-BAR, A-BQR, BQRP, etc. Additionaly S-MPDU is not defined. I think it is the VHT Single PPDU. As much as I can search it is not defined in 802.11-2016. Need to be added in this draft. | RevisedAdditional Abbreviation are added to the list in clause 3.4. TGax Editor to implement changes in <this document)S-MPDU is defined in 802/11ah-2017. | EDITOR |

* Abbreviations and acronyms

***TGax Editor***

***Insert the following acronym definitions (maintaining alphabetical order):***

A-Control Aggregated control(#8176)

BQR Bandwidth query report(#4727)

BQRP Bandwidth query report poll (#4224, #6070)

BSR Buffer status report(#4727)

BSRP Buffer status report poll (#4224, #6070)

CAS Command and status(#3156)

CCDF Complementary cumulative distribution function(#3359)

DCM Dual carrier modulation

DL Downlink

DL MU Downlink multi-user

DL OFDMA Downlink orthogonal frequency division multiple access(#9230)

HE High efficiency

LA Link adaptation(#4727)

MU-BAR Multiuser block ack request (#8171)

MU-RTS Multi-user request to send

MU EDCA Multi-user EDCA (#6070)

MUEDCATimer Multi-user EDCA timer(#3244)

OBO Orthogonal frequency division multiple access (OFDMA) backoff

OCW Orthogonal frequency division multiple access (OFDMA) contention window

OFDMA Orthogonal frequency-division multiple access

OM Operating mode(#7051)

OMI Operating mode indication(#5197)

OMN Operating mode notification(#7051)

ROM Receive operating mode(#7051)

TOM Transmit operating mode(#7051)

PPE PHY padding extension

RAPS Random access parameter set(#8194)

RDP Reverse direction protocol(#4727)

RU Resource unit(#3293)

SF Scaling factor(#8181)

SR Spatial reuse(#8111)

SRG Spatial reuse group(#8111)

SRP Spatial resue protocol (#6070) (?)

DSRP\_PPDU (?) (#6070)

TB Trigger-based(#6745, #6747)

UL Uplink

UL MU Uplink multi-user

UL OFDMA Uplink orthogonal frequency division multiple access(#9231)

UMRS Uplink multi-user response scheduling(#4727)

UORA Uplink orthogonal frequency division multiple access (OFDMA) based random access(#8142)

UPH Uplink power headroom(#4727)

**References:**