IEEE P802.11
Wireless LANs

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| CR for CIDs related to MSCS and SCS |
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Abstract

This document proposes resolution to the following CC36 CIDs in 35.2.1.3 (changes relative to draft 1.1):

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| **CID** | **Page** | **Line** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 4812 |  |  | 11.25.3 | The MSCS procedure should be at MLD level and not STA level for 11be. | Clarify that the MSCS Req/Response frames are exchanged at MLD level for EHT STAs that are affiliated with an MLD resulting in the mirroring of UPs happening also at MLD level. | **Revised.** Added text to clarify the same**TGbe editor:** make the changes identified below in https://mentor.ieee.org/802.11/dcn/21/11-21-1511-00-00be-CR-for-MSCS-SCS-clarification.docx. |
| 5888 | 51 | 1 | 6.3.82.5.2 | the MLME-SCS.response/confirm should be updated according to the SCS response frame | add SCS descriptor element | **Revised.** Agree with the commenter. However, this is already added in draft 1.1**TGbe editor:** no further action needed. |
| 5889 | 154 | 46 | 9.6.18.3 | Both SCS status and SCS descriptor has SCSID fields in SCS response frame, which are unnecesary repeated. | merge SCS descriptor to SCS status for the same SCSID. | **Reject.**SCS Status List field is already defined in REVme and to avoid incorrect parsing should not be changed. Moreover, SCS Descriptor is not present in every SCS Response frame.  |
| 5890 | 154 | 46 | 9.6.18.3 | Some fields, such as medium time, in the TSPEC element shall be set by AP according to the TS operation. Then, in SCS setup procedure with TSPEC element, why only the SCS request frame carries the TSPEC element? | The SCS response frame shall carries TSPEC element in the SCS response frame in order to respond a SCS request frame carrying TSPEC element. | **Revised.** It may be good for an AP to confirm the parameters it is able to accommodate which can be slightly different from what was requested by the STA (e.g., a different UP).**TGbe editor:** make the changes identified below in https://mentor.ieee.org/802.11/dcn/21/11-21-1511-00-00be-CR-for-MSCS-SCS-clarification.docx. |

***TGbe editor: add the following subclause in 35.3*:**

**35.3.21 Multi-link MSCS procedure (#4812)**

An MLD that implements MSCS procedure shall have each STA affiliated with that MLD set dot11MSCSActivated to true, and shall indicate its capability by having each STA affiliated with that MLD set to 1 the Mirrored SCS field of the Extended Capabilities elements that the STA transmits.

All STAs affiliated with an MLD shall indicate the same support for MSCS procedure.

A non-AP STA affiliated with an MLD that supports MSCS may request use of MSCS, or request to update parameters of the currently active MSCS, or request termination of a currently active MSCS by sending an MSCS Request frame to an AP affiliated with its associated AP MLD. A non-AP STA affiliated with an MLD that supports MSCS may request use of MSCS by sending a (Re)Association Request frame to an AP affiliated with its associated AP MLD that includes an MSCS Descriptor element with the Request Type field set to “Add”.

Upon receipt of an MSCS Request frame from an non-AP STA affiliated with an associated MLD, or receipt from a non-AP STA affiliated with an MLD of a

(Re)Association Request frame, an AP affiliated with an MLD shall respond with a corresponding MSCS Response frame or with a (Re)Association Response frame containing an MSCS Descriptor element, respectively.

An AP affiliated with an MLD may send an unsolicited MSCS Response frame at any time to cancel an active MSCS with an associated non-AP MLD.

The MSCS procedures, including classification of MSDUs to a non-AP STA and setting the UP of those MSDUs, defined in 11.25.3 (MSCS procedures) is performed at the MLD level and apply to all the STAs affiliated with the MLD.

***TGbe editor: Delete the following text in P180L32*:**

**9.6.18.3 SCS Response frame format(#5890)**

The SCS Descriptor List field contains zero or more SCS Descriptor elements, as defined in
9.4.2.121 (SCS Descriptor element). If included, each SCS Descriptor element contains a TSPEC element to describe the traffic characteristics and QoS expectations of traffic flows that belong to this SCS stream.