IEEE P802.11
Wireless LANs

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| CID 13300  |
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**Abstract**

This document provides a proposed resolution for CID 13300 on the Revmb sponsor ballot.

**Comment**

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| 13300 | 1091.00 | 10.22.6.3 | During Channel switch if the devices are in Power save and the buffered STA sets the EOSP=1, are the STA expected to remain in the off channel or switch to the base channel. The spec is unclear and could lead to interoperability issue as one STA may stay in off channel and the other in base channel.Also a STA may enter Power save when it is in off channel. | At the end of 10.22.6.3 (TDLS channel switching and power saving) add the following paragraphs:"A frame with EOSP=1 sent on an off-channel TDLS direct link by a STA that is not in power save mode on the TDLS direct link shall act as an unsolicited TDLS channel switch response frame at that STA.""A frame with PM=1 sent on an off-channel TDLS direct link to a STA that is not in power save mode on the TDLS direct link shall act as an unsolicited TDLS channel switch response frame at that STA." |

**Discussion**

The WFA has taken the direction that channel switching may in the future be combined with Peer PSM, but it is not allowed in combination with Peer U-APSD, because the definition of Peer U-APSD misses several implicit switch back to the base channel conditions, as indicated in the comment. Peer PSM does not have this issue because the next wakeup window always happens on the channel where the direct link resides based on channel switch request/response exchanges.

**Proposed Resolution**

Replace the first paragraph of 10.22.6.3

" A TDLS direct link may be switched to an off-channel during a TLDS Peer U-APSD service period. When no active service period exists between two TDLS peer STAs, a new service period shall start on the base channel."

with

"A TDLS direct link shall not be switched to an off-channel during a TLDS Peer U-APSD service period".