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| Project | **IEEE 802.16 Broadband Wireless Access Working Group** <http://ieee802.org/16> |
| Title | **HO Process Optimization field in MR_NBR-INFO message** |
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| Re: | IEEE802.16j-07/19, "Call for Technical Comments Regarding IEEE Project 802.16j" |
| Abstract | This contribution correct HO Process Optimization field in MR_NBR-INFO message |
| Purpose | To propose text to correct HO Process Optimization field in MR_NBR-INFO message |
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# HO Process Optimization field in MR_NBR-INFO message

*Masato Okuda*

## Introduction

HO Process Optimization field in MOB_NBR-ADV has been updated by P802.16-2004/Cor2/D4. As a result, HO Process Optimization in MR_NBR-INFO message is different from one in MOB_NBR-ADV. MR_NBR-INFO shall have the same HO Process Optimization field as MOB_NBR-ADV because MR_NBR-INFO can be used for composing MOB_NBR-ADV.

## Specific Text Changes

*Change the table 183b in 6.3.2.3.63 as indicated:*
*#Please note MR_NBRINFO includes two HO Process Optimization in the page 29 and 32.*

Table 183b—MR_NBR-INFO message format

| Syntax | Size | Notes |
|---|---|---|
| HO Process Optimization | 8 | HO Process Optimization is provided as part of this message is indicative only. HO process requirements may change at time of actual HO. For each Bit location, a value of '0' indicates the associated reentry management messages shall be required, a value of '1' indicates the reentry management message may be omitted. Regardless of the HO Process Optimization TLV settings, the target Station may send unsolicited SBC-RSP and/ or REG-RSP management messages:<br>Bit #0: Omit SBC-REQ/RSP management messages during reentry processing<br>Bit #1: Omit PKM Authentication phase except TEK phase during current re-entry processing<br>Bit #2: Omit PKM TEK creation phase during re-entry processing<br>~~Bit #3: Omit REG-REQ/RSP management during current re-entry processing~~<br>Bit #43: Omit Network Address Acquisition management messages during current re-entry processing<br>Bit #54: Omit Time of Day Acquisition management messages<br>during current reentry processing<br>Bit #65: Omit TFTP management messages during current re-entry processing<br>Bit #76: Full service and operational state transfer or sharing between serving station and target station (All static and dynamic context, e.g., ARQ window contents, timers, counters, state machines ~~ARQ, timers, counters, MAC state machines, etc…~~)<br>Bit#7: Omit REG-REQ/RSP management during current re-entry processing |

## References

[1] IEEE 802.16j-07_026r4

[2] P802.16-2004/Cor2/D4