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| Source(s) | Kanchei (Ken) Loa, Yi-Hsueh Tsai, Yung-Ting Lee, Hua-Chiang Yin, Shiann-Tsong Sheu, Youn-Tai Lee,<br><br>Institute for Information Industry<br>8F, No. 218, Sec. 2, Dunhua S. Rd.,<br>Taipei City 106, Taiwan<br><br>Voice: +886-2-27399616<br>Fax: +886-2-23782328<br>loa@iii.org.tw |
| Re: | IEEE 802.16j-07/019: "Call for Technical Comments Regarding IEEE Project 802.16j" |
| Abstract | This contribution proposes the modified figures of MS unsolicited RNG-RSP in non-transparent RS system under centralized scheduling scheme based on comment #1141 of 80216j-07_014r4.cmt. |
| Purpose | Text proposal for 802.16j Baseline Document. |
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# Comment on Unsolicited RNG-RSP in transparent RS System

*Kanchei (Ken) Loa, Yi-Hsueh Tsai, Yung-Ting Lee,*
*Hua-Chiang Yin, Shiann-Tsong Sheu, Youn-Tai Lee*
*Institute for Information Industry (III)*

# Introduction

In order to reduce the overhead on the relay link, this contribution provides a new scheme for MS unsolicited RNG-RSP in transparent RS system. In this scheme, the RS sends unsolicited RNG-RSP to the MS locally instead of sending RNG-REQ to MR-BS. In order to facilitate the incorporation of this proposal into IEEE 802.16j standard, specific changes to the baseline working document IEEE 802.16j-06/026r4 are listed below.

# Text Proposal

6.3.10.3.4.3 Unsolicited RNG-RSP in transparent RS systems

*[Change the following text in line 56 of page 97 as in dicated]*

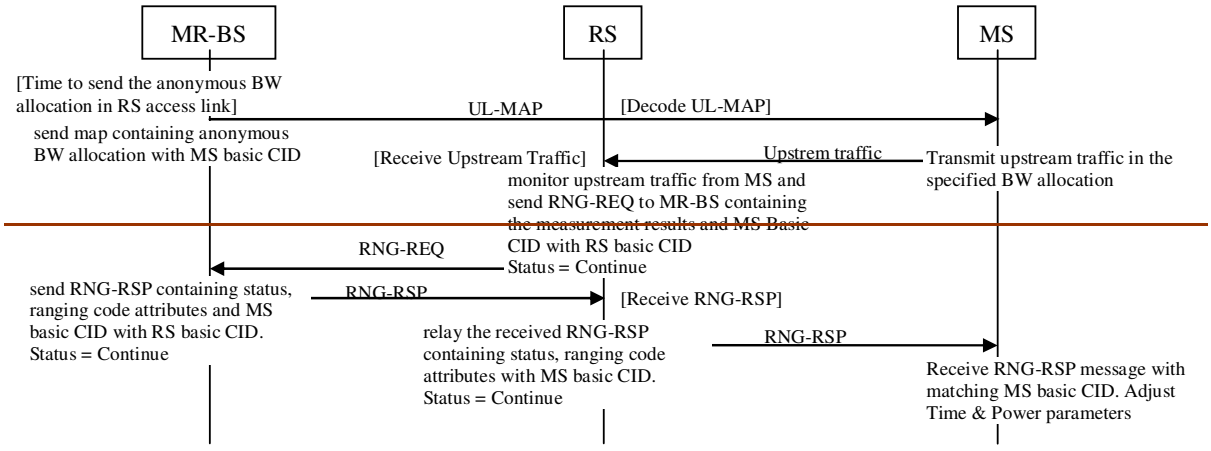
When the offsets of frequency, power, and timing for any other data transmission from the MS are beyond the tolerance defined in this specification, RS~~s~~ may transmit an unsolicited RNG-RSP with continue status to MS on access link in optional transparent zone. In order to send RNG-RSP to MS on the access link, RS sends a RS BR header to MR-BS. ~~shall may transmit a RNG-REQ message with the RS basic CID containing the MS basic CID to the serving MR-BS through the relay path.~~

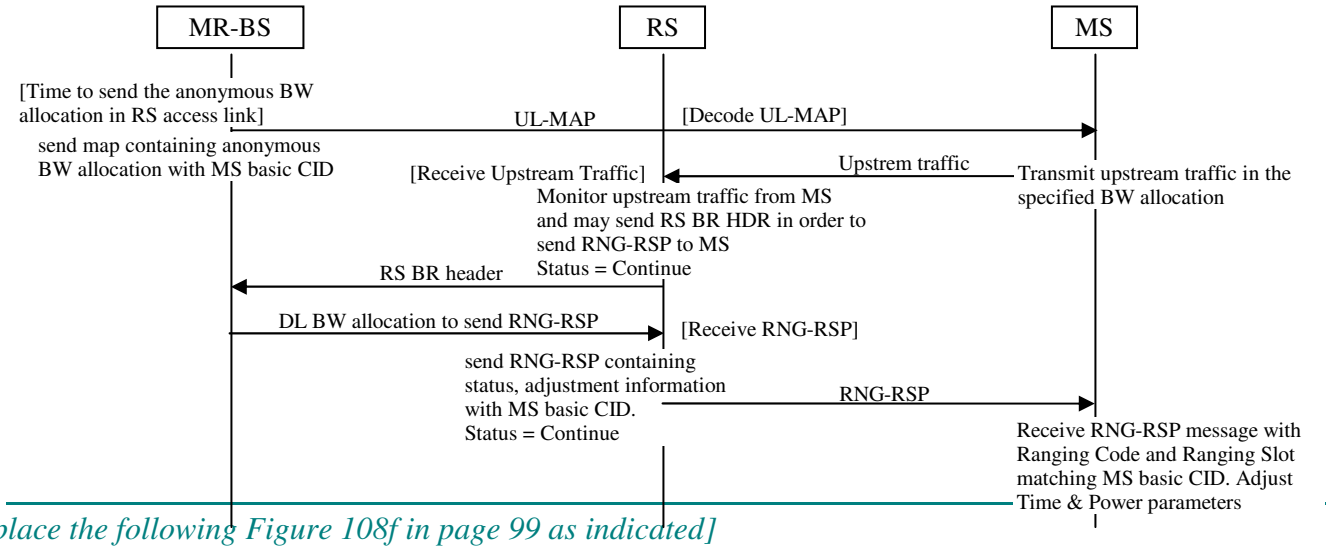
~~Upon receiving the RNG-REQ message from a subordinate RS, the MR-BS may send an unsolicited RNG-RSP message with this MS basic CID to the MS.~~

The message sequence charts (Table 201d ~~xxx~~ and Table ~~yyy~~201e) and flow charts (Figure 108f, Figure 108g, Figure ~~xxx~~108h and Figure ~~yyy~~108i) define the unsolicited RNG-RSP process that shall be followed by compliant RSs and MR-BSs.

*[Replased the following Table 201d in page 201d as indicated]*

Table 201d—Unsolicited RNG-RSP triggered by upstream traffic in non-transparent ~~RS system~~ mode






*[Replace the following Figure 108f in page 99 as indicated]*

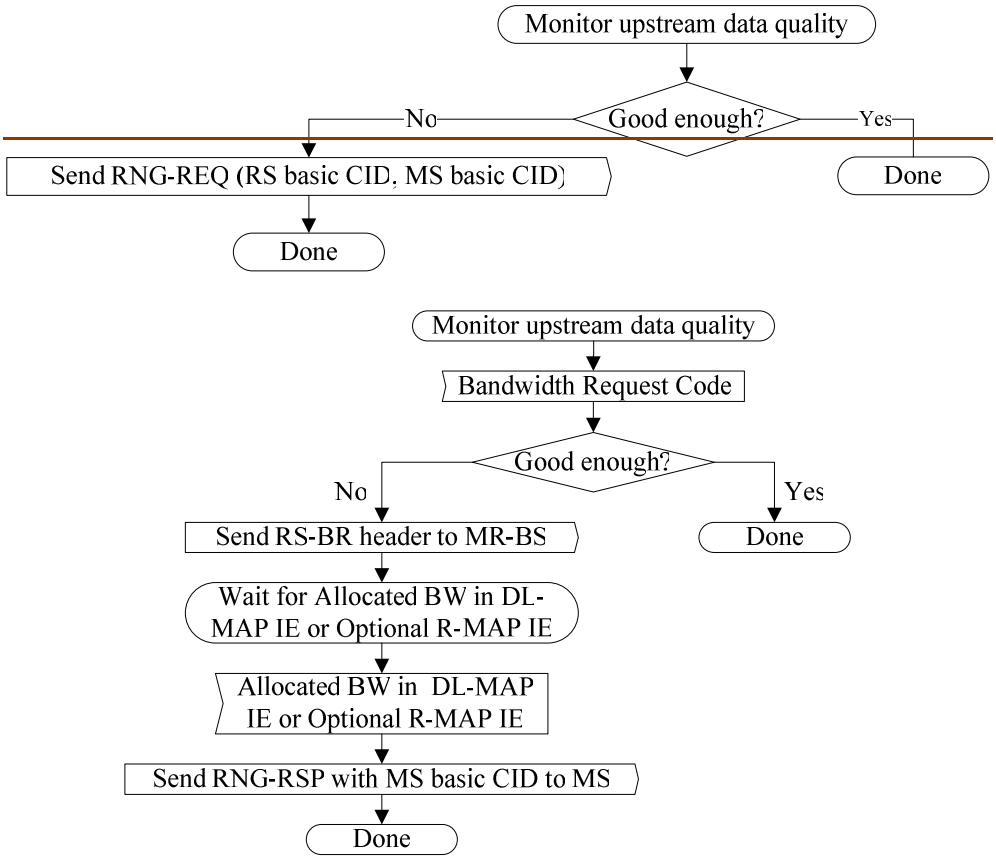



Figure 108f—Unsolicited RNG-RSP ~~in Transparent RS system~~ triggered by upstream traffic at Transparent Access RS

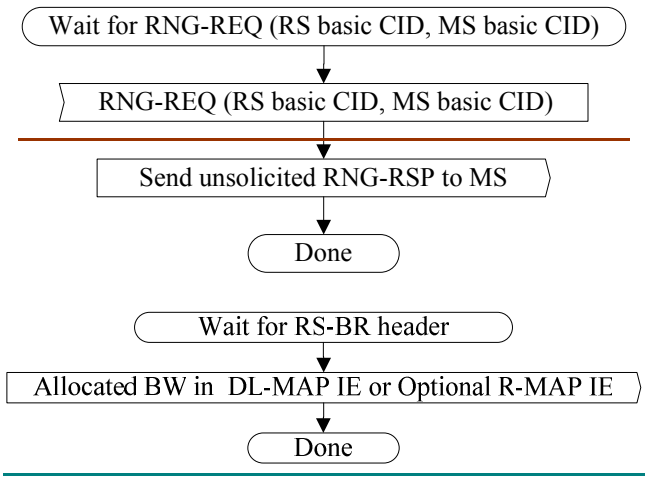



Figure 108g—Unsolicited RNG-RSP ~~in Transparent RS system~~ triggered by upstream traffic in transparent mode at MR-BS