Clarification of Some Terminologies for 802.16j

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Purpose:

To further clarify some terminologies associated with 802.16j

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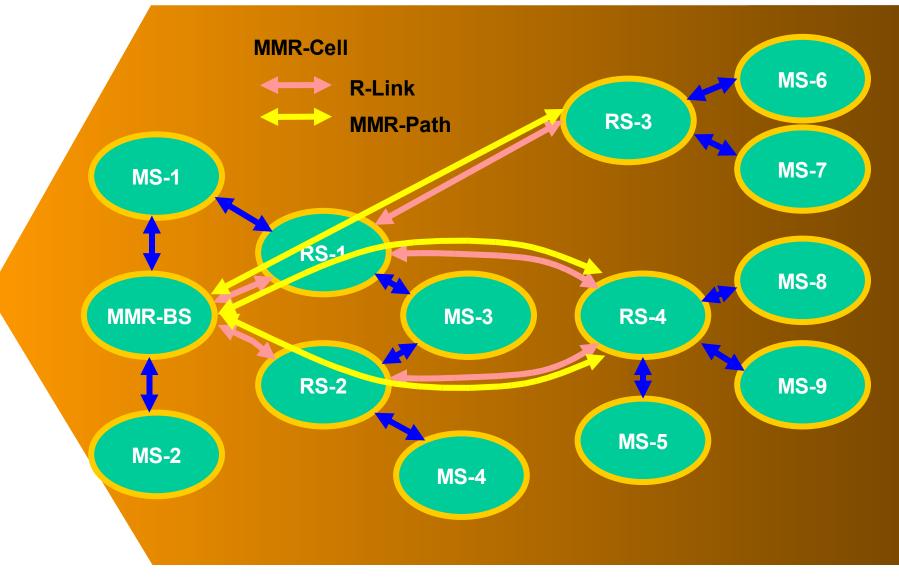
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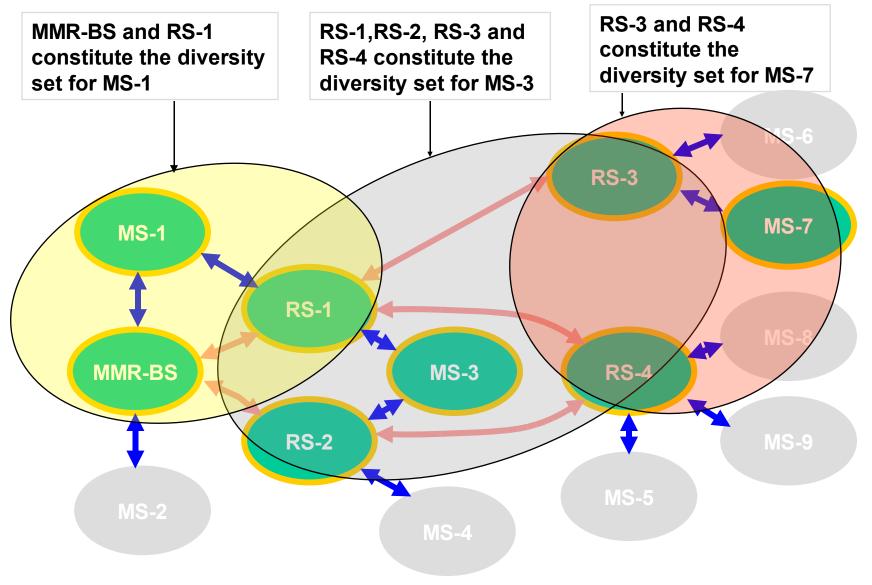
Some Terminologies for IEEE 802.16j

- Cell: The radio coverage area of a particular access station (e.g. BS, MMR-BS, or RS). .
- **MMR-cell:** The radio coverage area of a MMR-BS cell and all of its subordinate RS cells.
- **R-Link:** An 802.16j radio link between an MMR-BS and an RS or between a pair of RSs. This can be a R-DL or R-UL.
- MMR path: Concatenation of k consecutive relay links (k >= 1) between the MMR-BS and the designated access RS.
- **MMR diversity set:** List of RSs, BSs, and/or MMR-BSs associated with an MS. This set is applicable to macro diversity handover, cooperative relay, and fast serving station switching.
- Active MMR-BS : An MMR-BS that is informed of the MS's capabilities, security parameters, service flows, and full MAC context information. For macro diversity handover the MS transmits/receives data to/from all active MMR-BSs in the MMR diversity set.
- Anchor MMR-BS: In the context of Macro Diversity Handover (MDHO), cooperative relay, and Fast Serving Station Switching (FSSS), this is the MMR-BS that sends registration, ranging, synchronization, and other control information to the MS.

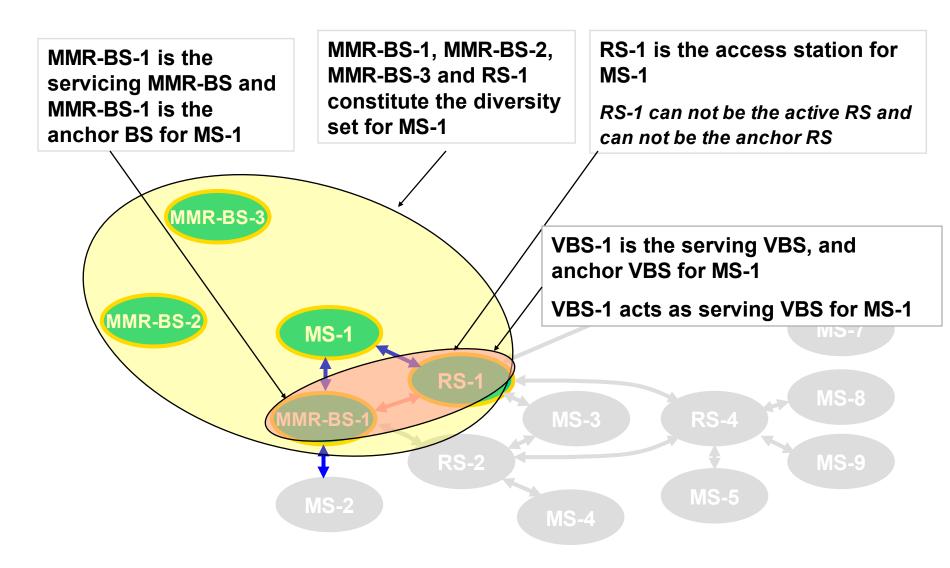
Definitions of MMR-Cell, R-Link and MMR-Path



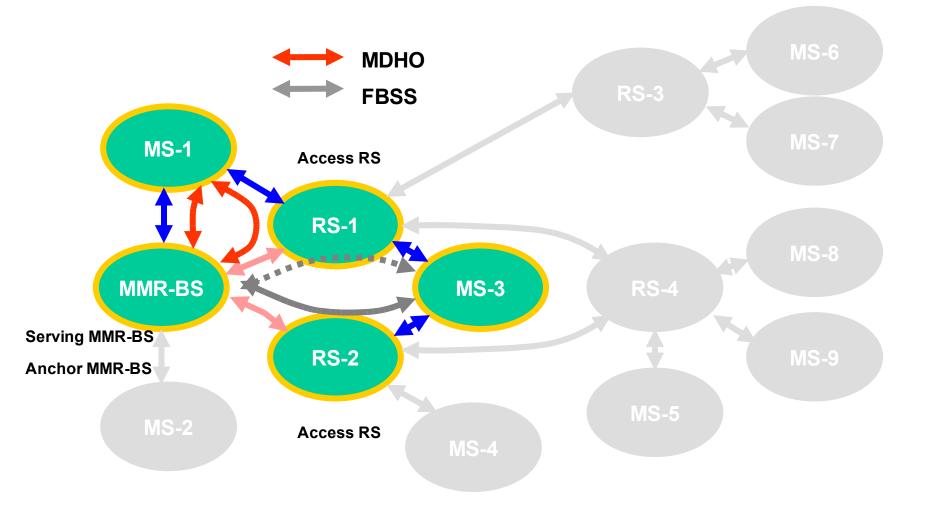
Definitions of MMR-Diversity Set



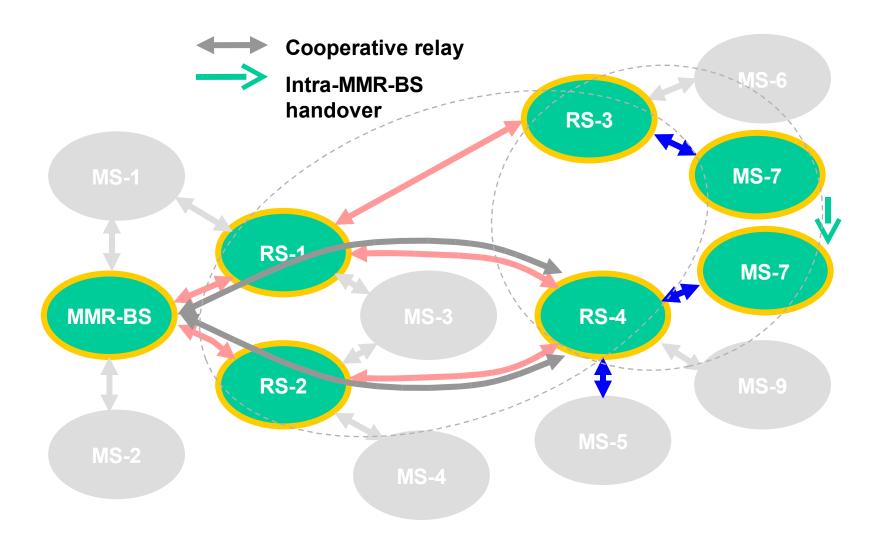
Definitions of Serving BS and Anchor BS



Definitions of MMR-MDHO and MMR-FBSS



Definition of Cooperative Relay, Intra-MMR-BS HO



Text Proposal

• See C80216j-06_027_R4.doc