

# Relay capability negotiation and MMR function activation/deactivation

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None

Purpose:

In response to a call for comments for the proposed technical requirement document (802.16-016) and the drafted ToC document (802.16-017r1).

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# Introduction

- RS of various capability level might exist
  - The capability of RS should be negotiated during RS network entry
- RS can be owned by operator or client
  - Operators deploy RSs to provide better service with relative small cost
    - The RSs should be put into function as early as possible after power on
  - Clients use RSs to temporarily enhance coverage/throughput for themselves
    - The RSs should be conveniently switch back to MS operation

# Text proposal

- Add the following “notes” to mandatory functional requirements of M9 in 802.16j-06/016:

Number	Name	Requirements	Subject	Notes
M9	RS network entry	The specification shall define network entry process for RS	MMR-BS(M) RS(M)	MMR-BS shall negotiates the capabilities of RS during RS network entry

- Add the following entry to optional functional requirements in 802.16j-06/016:

Number	Name	Requirements	Subject	Notes
O16	MMR function activation and deactivation	The specification shall support the MMR function activation and deactivation of a RS	MMR-BS(O) RS(O)	

# Text Proposal

- Add the following subsection to the end of section 6.4 of the ToC draft document:
  - 6.4.xx MMR function activation and deactivation

*(This section discusses the MMR function activation and deactivation of RS)*

Thank you!