IEEE P802.11
Wireless LANs

|  |
| --- |
| Draft Text for 10.6.5 Rate Selection |
| Date: 2020-01-14 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Hitoshi Morioka | SRC Software | Fukuoka, JAPAN |  | hmorioka@src-soft.com |
|  |  |  |  |  |

Abstract

This document describes a draft text proposal for rate selection procedure.

10. MAC sublayer functional description

10.6 Multirate support

10.6.5 Rate selection for Data and Management frame

*Insert the following subclause:*

10.6.5.3 Rate selection for eBCS frames

The transmission rate for eBCS Info frames and eBCS Data frames are determined from dot11EBCSInfoTxRate and dot11EBCSDataTxRate respectively, if FMS or GCR is not used, otherwise follow clause 10.\*\*\*.

Dot11EBCSInfoTxRate and dot11EBCSDataTxRate are configurable item and the values are selected from any available ~~HT, VHT or HE~~ rates other than DSSS.

*Renumber 10.6.5.3 to 10.6.5.4:*

10.6.5.~~3~~4 Rate selection for other group addressed Data and Management frames

*Change the 1st paragraph as follows:*

This subclause describes the rate selection rules for group addressed Data and Management frames, excluding

the following:

— Non-STBC Beacon and non-STBC PSMP frames

— ER beacon and HE beacon

— STBC group addressed Data and Management frames

— Data frames located in an FMS stream (see 11.22.8 (FMS multicast rate processing))

— Group addressed frames transmitted to the GCR concealment address (see 11.22.16.3.5 (Concealment of GCR transmissions))

— Group addressed Data and Management frames transmitted in an HE ER SU PPDU (see 26.15.5 (Additional rules for ER beacons and group addressed frames))

— Group addressed Data and Management frames transmitted in an HE SU PPDU (see 26.15.6 (Additional rules for HE beacons and group addressed frames))

— Group addressed Data and Management frames transmitted in an HE MU PPDU (see 26.15.7 (Additional rules for group addressed frames in an HE MU PPDU))

— eBCS Info, Data and Service Discovery frames