IEEE P802.11
Wireless LANs

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| SFD Proposal for R3.5.3 |
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Abstract

This submission proposes SFD text related to R3.5.3 as contained in the TGbc Functional Requirement Document (11-19/151r5):

**TGbc R3.5.3:** The 802.11bc amendment shall have a mechanism for eBCS APs to advertise their eBCS capabilities and eBCS services provided.

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# TGbc Editor: please modify Clause 9 and Clause 11 of the TGbc Specification Framework Document as contained in 11-19/1429r1 as follows:

# 9 Frame Formats

## 9.4.2 Elements

#### 9.4.2.27 Extended Capabilities element

**Table 9-134—Extended Capabilities element**

|  |  |  |
| --- | --- | --- |
| **Bits** | **Information** | **Notes** |
| <ANA> | eBCS Support | A STA sets the eBCS Support field to 1 when dot11eBCSSupportImplemented is true. Otherwise, the STA sets the eBCS Support field to 0. |

***Is one bit enough or do we need a eBCS capability element to indicate various capabilities?***

9.4.2.248 eBCS Parameters

The enhanced Broadcast Services (eBCS) Parameters element contains ….

* A list of one or more eBCS services offered by the AP
* Indication whether one or more eBCS services requires association
* Indication of negotiation method for eBCS services: e.g., through eBCS Request/Response frames (e.g., for associated STAs), or through ANQP exchanges (e.g., for unassociated STAs)

***Insert the following subclauses:***

9.6.31 eBCS Service Request Frame

This frame is used by associated STAs to request eBCS services.

9.6.32 eBCS Service Response Frame

This frame is used by an eBCS AP to respond to an eBCS services Request frame by an associated STA.

# 11 MLME

### 11.22.6 eBCS procedures

***Insert the following subclauses:***

11.22.6.2 eBCS Request and Response Procedure

The eBCS procedures allow a STA and its associated AP to negotiate eBCS service provided.