

WiMedia Assigned Numbers



Making High-Speed Wireless A Reality ...

VERSION 1.2.5

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1 Introduction

This document records the numbers assigned to certain IDs as defined but not yet given specific values in the WiMedia MAC specification [B1], the WiMedia MAC-PHY Interface specification [B2] the WiMedia Logical Link Control Protocol (WLP) specification [B3] and the WiMedia Platform Test specification [B4]. It will be updated on a monthly basis as needed and without requiring the approval of the WiMedia Steering Committee. The assigned numbers also apply to ECMA-368.

2 Assigned numbers for Specifier ID

The assigned numbers for the Specifier ID are given in Table 1.

Table 1 – Assigned numbers for Specifier ID

Value	Description
0x0000-0x00FF	Unassigned: These values are set in a manner that is beyond the scope of this document.
0x0100	WUSB MMC -- See Wireless USB (WUSB) SIG Specifications
0x0101	Bluetooth PAL – See Bluetooth SIG Specification
0x0102	Channel Selection Policy – See WiMedia Channel Selection Policy Specification
0x0103-0x010F	Reserved for future use
0x0110	FOCUS Enhancements, Inc
0x0111	Tzero Technologies
0x0112	WiQuest Communications
0x0113	Alereon, Inc.
0x0114	Intel Corporation
0x0115	Texas Instruments, Inc.
0x0116	Nokia Corporation
0x0117	Staccato Communications
0x0118	Olympus
0x0119	STMicroelectronics
0x011A	ITI Techmedia
0x011B	Wisair Ltd.
0x011C	Sigma Designs
0x011D	Stonestreet One, Inc
0x011E	CSR
0x011F	Realtek Semiconductor Corporation
0x0120	Institute for Infocomm Research
0x0121	Ellisys
0x0122	Artimi
0x0123	NXP Semiconductors
0x0124	Samsung Electronics Co.
0x0125	ChuTOne
0x0126	ASTRI
0x0127	Synopsys
0x0128	WiLinx
0x0129-0xFFFF	Reserved for future use

3 Assigned numbers for IE ID values reserved in WiMedia MAC Specification

The assigned numbers for the IE ID values reserved in the WiMedia MAC Specification [B1] are given in Table 2.

Table 2 -- Assigned numbers for IE ID values reserved in WiMedia MAC Specification

Value	Description
(0x00-0xF9)	IEs defined in the WiMedia MAC Specification ([B1])
0xFA	WiMedia Logical Link Control Protocol IE (See WiMedia Logical Link Control Protocol Specification [B3])
0xFB	WiMedia Platform Test IE (See WiMedia Platform Test specification [B4])
0xFC	Bluetooth Protocol IE (See Bluetooth SIG Specification)
0xFD-0xFF	Reserved for future use

4 Assigned numbers for Protocol ID in Mux Header

The assigned numbers for the Protocol ID in the Mux Header as defined in the WiMedia MAC specification [B1] are given in Table 3.

Table 3 -- Assigned numbers for Protocol ID in Mux Header

Value	Description
0x0000-0x00FF	Defined by the OUI owner
0x0100	Protocol ID value for WiMedia Logical Link Control Protocol (See WiMedia Logical Link Control Protocol Specification [B3])
0x0101	Protocol ID value for Bluetooth – See Bluetooth SIG Specification
0x0102-0x05FF	Reserved for future use

5 Assigned numbers for Vendor ID in PHYID field

The assigned numbers for the Vendor ID in the PHYID field as defined in WiMedia MAC-PHY Interface Specification [B2] are given in Table 4.

Table 4 -- Assigned numbers for Vendor ID in PHYID field

Value	Description
0x00	Unassigned
0x01	Alereon, Inc.
0x02	Intel Corporation
0x03	NEC Electronics Corporation
0x04	Nokia Corporation
0x05	Philips
0x06	Samsung Electronics Co., Ltd.
0x07	Staccato Communications
0x08	STMicroelectronics
0x09	Texas Instruments, Inc.
0x0A	TZero Technologies
0x0B	WiQuest Communications
0x0C	Wisair Ltd.
0x0D	Realtek Semiconductor Corporation
0x0E	Sigma Design (formally Blue7 Communications)
0x0F	Synopsys
0x10	Infineon
0x11	Artimi
0x12	Olympus
0x13	ITI Techmedia
0x14	WiLinx
0x15-0xFD	Reserved for Future Use
0xFE	FOCUS Enhancements, Inc
0xFF	Reserved for future use

6 Assigned numbers for Regulatory Domain Number field in Regulatory Domain Announcement IE

The assigned numbers for the Regulatory Domain Number field in the Regulatory Domain Announcement IE field as defined in WiMedia MAC specification [B1] are given in Table 5.

Table 5 -- Assigned numbers for Regulatory Domain Number field in Regulatory Domain Announcement IE

Value	Description
0x00	"Unknown" - A device does not have any knowledge of location awareness to determine its regulatory domain.
0x01	FCC Part 15, United States
0x02	Europe
0x03	Japan
0x04	Korea
0x05	China
0x06	Russia
0x07-0x40	Reserved for Future Use

7 Bibliography

- [B1] *Distributed Medium Access Control for Wireless Networks*, WiMedia Alliance, Release 1.2, February 2007.
- [B2] *MAC-PHY Interface Specification*, WiMedia Alliance, Release 1.0, October 05, 2005.
- [B3] *WiMedia Logical Link Control Protocol*, WiMedia Alliance, Approved Draft 1.0, August 13, 2007.
- [B4] *WiMedia Platform Test*, WiMedia Alliance, Draft 1.1, March 30, 2007.