

Standard ECMA-381

1st Edition / December 2007

**Procedure for the
Registration of Assigned
Numbers for ECMA-368
and ECMA-369**

Standard



is the registered trademark of Ecma International



COPYRIGHT PROTECTED DOCUMENT

Standard
ECMA-381

1st Edition / December 2007

**Procedure for the
Registration of Assigned
Numbers for ECMA-368 and
ECMA-369**

Introduction

This Ecma Standard specifies the registration procedures for the PHY ID, Specifier ID and Regulatory Domain registers used in ECMA-368 and ECMA-369. Entries in these registers are likely to be added over time. Therefore, these contents are implemented as registers rather than as tables in the base standards.

Table of contents

1	Scope	1
2	Normative references	1
3	Definitions	1
3.1	bit	1
3.2	string	1
3.3	octet	1
4	International Registers	1
4.1	PHY ID	1
4.2	Specifier ID	1
4.3	Regulatory Domain	1
5	Registration authority	2
5.1	Appointment	2
5.2	Duties	2
5.2.1	Maintenance of International Registers	2
5.2.2	Publication of public content of International Registers	2
5.2.3	Inform the requestor of the decision	2
6	Registration requests	2
7	Registration procedure	2
8	Withdrawal procedure	2
9	Amendment procedure	3
10	Appeal procedure	3

1 Scope

This Standard specifies the procedure to be followed by a Registration Authority in preparing, maintaining and publishing International Registers of assigned numbers and associated descriptions for entries specified in 4, for use with ECMA-368 and ECMA-369.

2 Normative references

ECMA-368	High Rate Ultra Wideband PHY and MAC Standard
ECMA-369	MAC-PHY Interface Specification for ECMA-368
ISO/IEC 8859-1	Information technology -- 8-bit single-byte coded graphic character sets -- Part 1: Latin alphabet No. 1
ISO/IEC JTC 1 Directives, 5 th Edition	

3 Definitions

In addition to the terms defined herein, the terms defined in Annex E of the 5th Edition of the ISO/IEC JTC 1 Directives apply.

3.1 bit

binary digit with value ZERO or ONE

3.2 string

sequence of at least one and at most 50 characters encoded in ISO/IEC 8859-1

3.3 octet

sequence of eight bits

4 International Registers

4.1 PHY ID

The PHY ID is one octet that uniquely identifies a specific implementation of the PHY, as specified in Annex B of ECMA-369.

Requestors shall specify a unique string for registration with a PHY ID value.

4.2 Specifier ID

The Specifier ID is a two octet value that uniquely identifies the owner of any Specifier ID as specified in Annex C of ECMA-368.

Requestors shall specify a unique string for registration with a Specifier ID value.

4.3 Regulatory Domain

The Regulatory Domain Number is a value that uniquely identifies a specific regulatory domain, as specified in 16.8.18 of ECMA-368.

The Registration Authority shall specify a unique string for each Regulatory Domain Number value as required by regulatory changes.

5 Registration authority

5.1 Appointment

Ecma International shall be the Registration Authority for the International Registers defined in 4.

5.2 Duties

5.2.1 Maintenance of International Registers

The Registration Authority shall maintain the International Registers specified in 4.1 and 4.2 due to Registration as specified in 7, withdrawal (as specified in 8) or amendment (as specified in 9) of assigned strings for allocated PHY ID or Specifier ID values.

The Registration Authority shall maintain the International Regulatory Domain Register specified in 4.3 if and when regulations so require.

5.2.2 Publication of public content of International Registers

The Registration Authority shall publish the assigned values and associated descriptions from the International Registers for public access at <http://www.ecma-international.org/publications/standards/Ecma-368.htm> at no cost.

5.2.3 Inform the requestor of the decision

The Registration Authority shall inform the requestor of the decision to register, reject, withdraw or amend.

6 Registration requests

Using the forms at the International PHY-ID and Specifier-ID Registers, implementers of ECMA-369 and/or ECMA-368 respectively, may request registration of a unique string for a value in the International Registers specified in 4.1 and 4.2.

7 Registration procedure

The Registration Authority shall:

- a) Review registration requests as specified in 6;
- b) Ascertain that registration requests are in accordance with this Standard;
- c) If required, indicate to the requestor the changes needed to meet the requirements of this Standard;
- d) Approve or reject the registration request;
- e) In case of approval, allocate and add the PHY ID and/or the Specifier ID value to the International Registers with the assigned string;
- f) Inform the requestor of the registration or rejection within 15 business days.

8 Withdrawal procedure

The requestor may declare withdrawal of its support for its entry in an International Register by using the form accessible from <http://www.ecma-international.org/publications/standards/Ecma-368.htm>, if so desired accompanied with the reason.

Withdrawal shall not change the registered string and allocated value in the International Register; the Registration Authority shall mark the entry as withdrawn with the withdrawal date and inform the requestor accordingly.

9 Amendment procedure

The requestor may request amendment of the strings in one of its entries in an International Register by using the form accessible at <http://www.ecma-international.org/publications/standards/Ecma-368.htm>.

Only when the RA confirms the mistake or in case of name changes, the Registration Authority is permitted to correct the string in the International Registers and shall inform the requestor accordingly.

The Registration Authority may periodically query the requestor to validate its assigned entry and amend or withdraw it as needed.

10 Appeal procedure

Appeals shall be filed using the form accessible at <http://www.ecma-international.org/publications/standards/Ecma-368.htm> within 20 business days of receipt of the decision from the Registration Authority.

The Registration Authority shall respond to the appeal within 20 business days after receipt of the appeal.