

Accredited Standards Committee*
X3, Information Technology

Doc. No.: X3T10/95-360

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Project:

Ref. Doc.:

Reply to: Mr. John Lohmeyer
Symbios Logic, Inc.
1635 Aeroplaza Dr.
Colo Spgs, CO 80916
(719) 573-3362



Ms. Lynn Barra
ITI (X3 Secretariat)
1250 Eye St. NW
Suite 200
Washington, DC 20005-3922

Dear Lynn,

The IEEE Registration Authority Committee (RAC) has agreed to assign an Organization Unique Identifier (OUI) to the X3 Committee (waiving the usual \$1000 fee) for the purposes of identifying the organizations responsible for various standards. Enclosed is the appropriate application form which needs to be filled out and returned to IEEE.

Since one OUI has been assigned to all of X3, there needs to be an X3 procedure for assigning the values of the accompanying 24-bit extension identifier field. The IEEE RAC has recommended that the X3 Secretariat assign values of the upper 8 bits of this field to the various X3 Technical Committees that may need to use the OUI. Thus the structure of the combined 48-bit identifier would be as follows:

IEEE RAC Assigned 24-bit Organization Unique Identifier	... 24-bit Extension Identifier Field ... X3 Secretariat Assigned 8-bit Field	X3 TC Assigned 16-bit Field
----- xxxxxx	----- yy	----- zzzz

X3T10 voted (__:__:__) at its November 9, 1995 meeting to recommend that X3 adopt the attached procedure for the assignment of these values (labeled yy, above).

Upon approval by X3, X3T10 also requests that an Extension Identifier (presumably 01h) be assigned to X3T10. The contact person will be Peter Johansson.

Thank you for your assistance in returning the attached application form and in arranging further processing of the attached procedure.

Regards,



John Lohmeyer, Chair X3T10

cc: Lawrence Lamers, Vice Chair X3T10
Peter Johansson, Member X3T10

Procedure for Management of X3's Extension Identifiers

One IEEE Organization Unique Identifier (OUI) is to be assigned to X3 by the IEEE Registration Authority Committee (RAC). Accompanying this 24-bit OUI is another 24-bit extension identifier field. Upon approval by the X3 Committee, this procedure shall be used to assign the extension identifier values.

1. The upper 8 bits of the extension identifier field shall be managed by the X3 Secretariat. Values 0 (00h) and 255 (FFh) shall be reserved for future needs. Values 1 (01h) through 254 (FEh) are available for assignment to X3 Technical Committees.
2. Upon request by an X3 Technical Committee, the X3 Secretariat shall assign the next sequential code to that Technical Committee and shall identify the contact person in the Technical Committee. The X3 Secretariat shall notify the IEEE RAC of each such code assignment (including the code value and the contact person) within 60 days of the Technical Committee request.
3. The X3 Secretariat shall make the list of code assignments and contact people available electronically on appropriate locations (such as the X3 WWW pages).
4. X3 Technical Committees are responsible for the management of the lower 16 bits of their assigned extension identifier. The designated contact person shall maintain a list of code assignments used. This list shall be made available electronically on appropriate locations (such as the X3 TC WWW pages).
5. In the event that the X3 TC contact person changes, the X3 TC Chair shall notify the X3 Secretariat and the X3 Secretariat shall update the list. The X3 Secretariat shall notify the IEEE RAC of any such changes.