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| 8802-3/802.3 REVISION REQUEST 1169 |  
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DATE: 26th July, 2005  
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REQUESTED REVISION:  
STANDARD: IEEE Std. 802.3ah-2004  
CLAUSE NUMBER: 64.3.5.6  
CLAUSE TITLE: State Diagrams

PROPOSED REVISION TEXT:

Modify state diagram 64-28 "Gate Processing ONU Programming State Diagram" as shown in the attached document.

RATIONALE FOR REVISION:

Variable "grant\_number" represents the number of grants packed into a single GATE message. Occasionally, the OLT may issue a GATE message with 0 grants. (Such message is used as a keep-alive message). This state machine has an error in that the ONU checks the value of grant\_number only after it already parsed the first grant. In fact, it parses the padding field as if it was a grant.

IMPACT ON EXISTING NETWORKS:

All ONU devices must implement the Gate Processing function as in the attached document in order to function properly. It is most likely that all functioning ONUs have already implemented this change.

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| Please attach supporting material, if any |  
| Submit to:- Bob Grow, Chair IEEE 802.3 |  
| E-Mail: Bob.Grow@intel.com |  
| |  
| +----- For official 802.3 use -----+ |  
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| DATE RECEIVED: 26th July, 2005 |  
| ~~EDITORIAL~~/TECHNICAL |  
| ACCEPTED/DENIED |  
| BALLOT REQ'D YES/~~NO~~ |  
| COMMENTS: 14-May-07 Ver: D2.0 Status: V |  
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| For information about this Revision Request see - |  
| [http://www.ieee802.org/3/maint/requests/revision\\_history.html#REQ1169](http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1169) |  
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