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| 8802-3/802.3 REVISION REQUEST 1241 |
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DATE: 30th Apr, 2013
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REQUESTED REVISION:
STANDARD: IEEE Std 802.3-2012
CLAUSE NUMBER: 72.6.10.2.1
CLAUSE TITLE: Frame Marker

PROPOSED REVISION TEXT:

In IEEE Std 802.3-2008 the text reads "hexadecimal FFFF0000"
In IEEE Std 802.3-2012 the text reads "0xFF0000"
The proper text is "0xFFFF0000"

RATIONALE FOR REVISION:

The original text provides all 32 bits of the frame marker pattern while the 2012 version provides only 24 bits, and the default assumption is that the unspecified bits are 0's.

IMPACT ON EXISTING NETWORKS:

This would cause interoperability issues since current equipment expects to see 16 ones then 16 zeros, not 8 zeros, 8 ones, 16 zeros.

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| Please attach supporting material, if any |
| Submit to:- David Law, Chair IEEE 802.3 |
| and copy:- Wael William Diab, Vice-Chair IEEE 802.3 |
| At:- E-Mail: stds-802-3-maint-req@ieee.org |
| +----- For official 802.3 use -----+ |
| REV REQ NUMBER: 1241 |
| DATE RECEIVED: 30th Apr, 2013 |
| EDITORIAL/TECHNICAL |
| ACCEPTED/DENIED |
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| For information about this Revision Request see - |
| http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1241 |
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