REVISION REQUEST

DATE: 2019/02/07
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REQUESTED REVISION:
STANDARD: IEEE Std 802.3 - 2014
CLAUSE NUMBER: Portions of 56, and 64, 65, 66, 67, 76, 77
and related clauses
CLAUSE TITLE: Multipoint MAC Control (and related other clauses)

PROPOSED REVISION TEXT:
TBD. There is obviously a significant amount of new and revised text
that will be involved. That is a future task. This is probably best
left to be done as part of an 802.3 revision process.

RATIONALE FOR REVISION:
The point-to-multipoint MAC and its associated family of physical
layers is distinctly different than traditional CSMA/CD Ethernet and
its full duplex point-to-point derivatives that share the Ethernet MAC.
Particularly since point-to-multipoint has achieved significant market
success and spawned additional speeds and media, it deserves its own
separate ecosystem and distinct identity. I believe that this would
be best served by separating point-to-multipoint into its own standard
(which I think should stay within the 802.3 family, e.g. Std 802.3.n)
with its own name, e.g. Standard for Multiport Access Ethernet*

*I have no emotional attachment to this particular title.

IMPACT ON EXISTING NETWORKS:
None, this is a documentation change only.

Please attach supporting material, if any
Submit to:- David Law, Chair IEEE 802.3
and copy:- Adam Healey, Vice-Chair IEEE 802.3
At:- E-Mail: stds-802-3-maint-req@ieee.org

For information about this Revision Request see -
http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1337