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4  | DATE: 2019/02/07                   |
5  | NAME: THOMPSON, GEOFF              |
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8  |                                     |
9  | REQUESTED REVISION:                |
10 | STANDARD: IEEE Std 802.3 - 2014    |
11 | CLAUSE NUMBER: Portions of 56, and 64, 65, 66, 67, 76, 77 |
12 | and related clauses                |
13 | CLAUSE TITLE: Multipoint MAC Control (and related other clauses) |
14 | PROPOSED REVISION TEXT:            |
15 | TBD. There is obviously a significant amount of new and revised text |
16 | that will be involved. That is a future task. This is probably best |
17 | left to be done as part of an 802.3 revision process.                |
18 |                                     |
19 |                                     |
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21 |                                     |
22 | RATIONALE FOR REVISION:            |
23 | The point-to-multipoint MAC and its associated family of physical |
24 | layers is distinctly different than traditional CSMA/CD Ethernet and |
25 | its full duplex point-to-point derivatives that share the Ethernet MAC. |
26 | Particularly since point-to-multipoint has achieved significant market |
27 | success and spawned additional speeds and media, it deserves its own |
28 | separate ecosystem and distinct identity. I believe that this would |
29 | be best served by separating point-to-multipoint into its own standard |
30 | (which I think should stay within the 802.3 family, e.g. Std 802.3.n) |
31 | with its own name, e.g. Standard for Multipoint Access Ethernet*     |
32 | * I have no emotional attachment to this particular title.           |
33 |                                     |
34 | IMPACT ON EXISTING NETWORKS:       |
35 | None, this is a documentation change only.                             |
36 |                                     |
37 |                                     |
38 |                                     |
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40 | |Please attach supporting material, if any |
41 | |Submit to:- David Law, Chair IEEE 802.3 |
42 | |and copy:- Adam Healey, Vice-Chair IEEE 802.3 |
43 | |                                     |
44 | |At:- E-Mail: stds-802-3-maint-req@ieee.org |
45 | |                                     |
46 | | +----- For official use -----+ |
47 | | REV REQ NUMBER: 1337 |
48 | | DATE RECEIVED: 8 February 2019 |
49 | | EDITORIAL/TECHNICAL |
50 | | ACCEPTED/DENIED |
51 | | BALLOT REQ'D YES/NO |
52 | | COMMENTS: |
53 | +-----+
54 | | For information about this Revision Request see - |
55 | | http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1337 |
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