

IEEE 802.3 Ethernet Working Group Liaison Communication

Source: IEEE 802.3 Working Group¹

To: Greg Sandels Chair, TIA TR-42 Engineering Committee
[REDACTED]

CC: Konstantinos Karachalios Secretary, IEEE-SA Standards Board
Secretary, IEEE-SA Board of Governors
[REDACTED]

Paul Nikolich Chair, IEEE 802 LMSC
[REDACTED]

Adam Healey Vice-chair, IEEE 802.3 Ethernet Working Group
[REDACTED]

Jon Lewis Secretary, IEEE 802.3 Ethernet Working Group
[REDACTED]

Robert Lingle Chair, IEEE P802.3db Task Force
[REDACTED]

Valerie Maguire TIA Incoming Liaison to IEEE 802.3 Working Group
[REDACTED]

Chris DiMinico IEEE 802.3 Working Group Incoming Liaison to TIA
[REDACTED]

Henry Franc TIA TR-42 Engineering Committee Vice Chair
[REDACTED]

Jonathan Jew TIA TR-42 Engineering Committee Secretary
[REDACTED]

Patrick Van Vickle TIA TR-42.12 Subcommittee Chair
[REDACTED]

Teesha Jenkins TIA Manager, Standards Secretariat Services
[REDACTED]

From: David Law Chair, IEEE 802.3 Ethernet Working Group
[REDACTED]

Subject: Liaison reply to TR-42 on the use of test method TIA-455-54 (FOTP 54)

Approval: Agreed to at IEEE 802.3 plenary teleconference meeting, 18 November 2021

Dear Mr Sandels,

Thank you for your liaison letter dated 6 October 2021, recommending that test references method TIA-455-54 (FOTP 54), which TIA is considering for retirement, be replaced with a reference to Annex D of TIA-455-204 (FOTP 204).

¹ This document solely represents the views of the IEEE 802.3 Working Group and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

As previously indicated in our letter to you dated 22 July 2021, there are two references to “TIA 455-54A-1990 (FOTP 54)” in IEEE Std 802.3™-2018, IEEE Standard for Ethernet, Section One:

- 1) 1.4 Definitions, page 98:
 - 1.4.369 overfilled launch: The overfilled launch condition that excites both radial and azimuthal modes defined in ANSI/EIA/TIA 455-54A-1990 [B7].
- 2) Annex A (Informative), Bibliography, page 572:
 - “[B7] ANSI/EIA/TIA 455-54A-1990 (FOTP-54), Mode Scrambler Requirements for Overfilled Launching Conditions to Multimode Fibers.”

We propose to replace the above TIA 455-54A-1990 (FOTP 54) references with Annex D of TIA-455-204, as you recommended. It is expected that comments will be submitted against the current revision project of IEEE Std 802.3-2018, IEEE Standard for Ethernet, proposing update to the above references.

Sincerely,
David Law
Chair, IEEE 802.3 Ethernet Working Group