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IEC SC46C

2010-06-10

**INTERNATIONAL ELECTROTECHNICAL COMMISSION**

**SC 46C: WIRES AND SYMMETRIC CABLES**

**DOC TYPE:** Liaison letter

**TITLE:** Action requested by IEC SC 46C/WG 7

**TO:** IEEE 802.3 Working Group

**SOURCE:** SC 46C Secretary, Mr Ladjji DIAKITÉ

**PROJECT:** IEC 61156 series

**STATUS:** New request by SC 46C/WG 7

**REQUEST DATE:** 2010-06-10

**DUE DATE:** 2010-10

**REQUEST ACTION:** IEEE 802.3 Working Group to confirm that the resistance unbalance between cable pairs is no more required by IEEE 802.3 applications and can be removed from IEC 61156 series of standards

**Nb. of Pages:** 2 (including cover)

**DISTRIBUTION:**

IEEE 802.3 Working Group: Chairman, Mr David LAW

IEEE 802.3 Working Group: Secretary, Mr Adam HEALEY

IEC Central Office: IEC Officer, Mr Matei COCIMAROV

**To:** Mr David LAW, Chair of IEEE 802.3 Working Group [[David\\_Law@3com.com](mailto:David_Law@3com.com)]

**Copy:** Mr Adam HEALEY, Secretary of IEEE 802.3 Working Group [[Adam.Healey@lsi.com](mailto:Adam.Healey@lsi.com)], Mr Matei COCIMAROV, IEC Officer [[mco@iec.ch](mailto:mco@iec.ch)]

**From:** SC 46C

**Date:** 10 June 2010

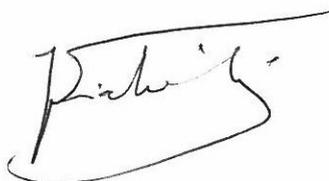
**Subject:** DCR unbalance specification in IEC 61156 series

The interim meeting of IEC SC 46C / WG 7 took place in May 18 to 19, 2010 in GOUSSAINVILLE (France). It was then reported to the audience that the resistance unbalance between cable pairs does not seem to be required any more by IEEE 802.3 applications, which was the very reason for specifying the matter in IEC 61156 series of standards.

Given that this requirement places an important restriction on the cables design, the cable manufacturers are interested in lifting the restriction if the requirement does not hold anymore. WG7 experts unanimously agreed however that they need to be certain that the requirement is not needed before removing the specification from their documents. The SC 46C Secretary asks IEEE 802.3 Working Group for formal confirmation that the requirement does not hold anymore.

We kindly request you to advise if we can proceed to the revision of our 61156 series documents in order to remove the specification of the DCR unbalance.

Yours truly,



Ladj DIAKITÉ  
Secretary, EC SC 46C  
[ladji.diakite@sycabel.com](mailto:ladji.diakite@sycabel.com)