

PHY name proposal for 802.3dh

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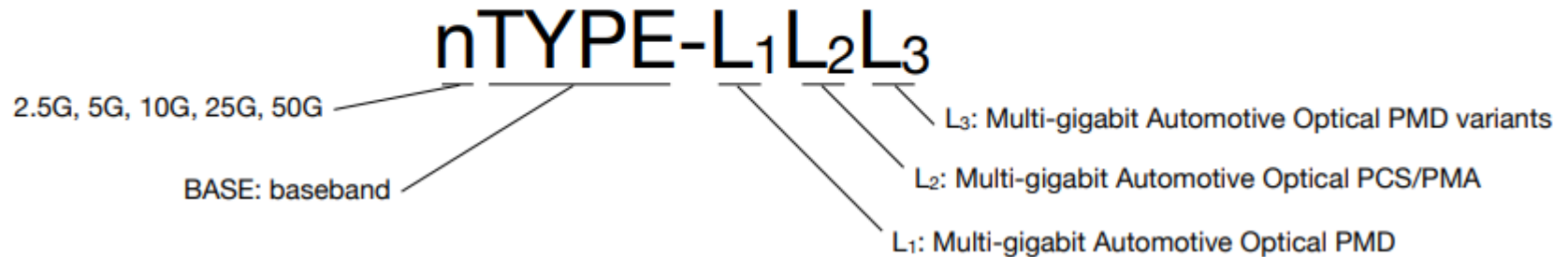
Physical layer name

Because 802.3dh adopted same PCS & PMA as 802.3cz, it is time to start discussion about PHY name for 802.3dh.

We had the same discussion at 802.3cz.

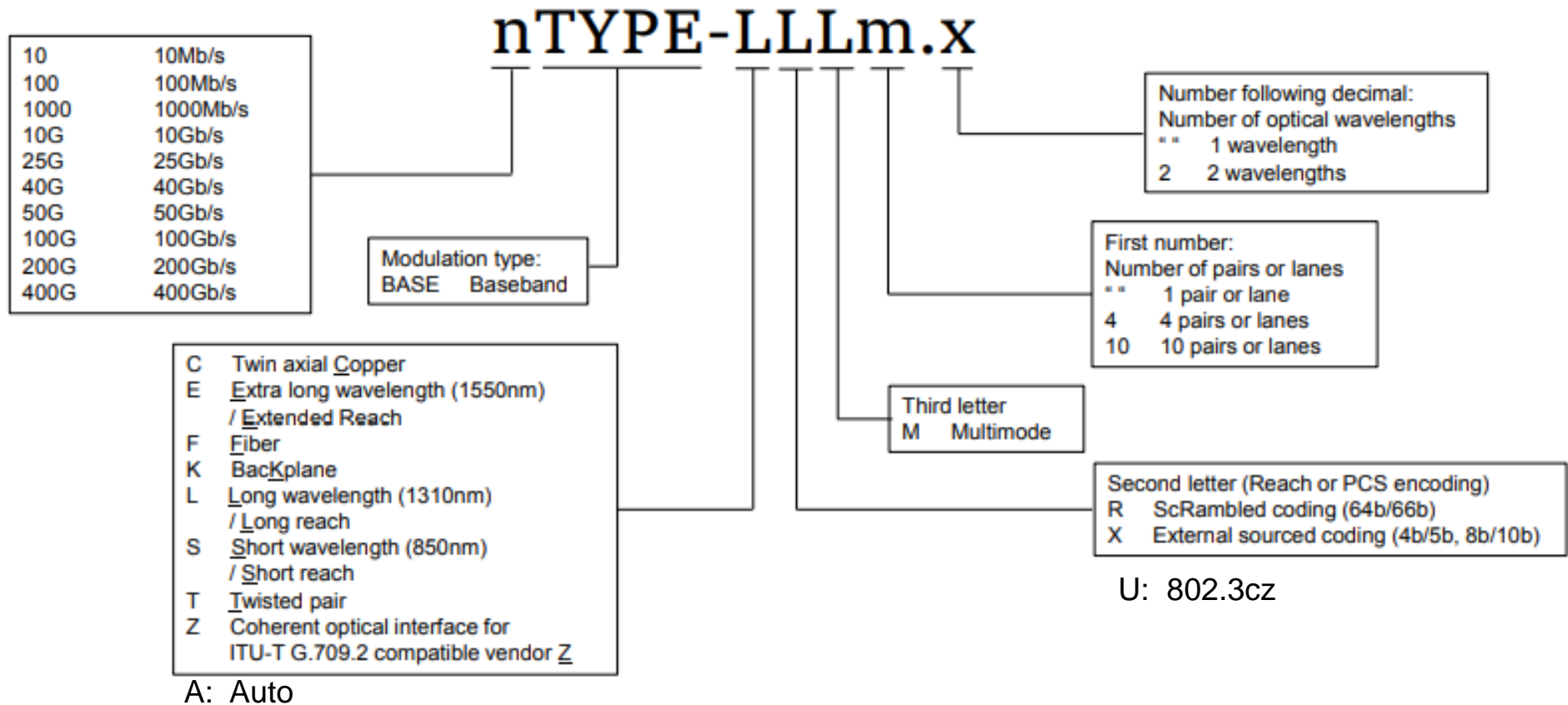
https://www.ieee802.org/3/cz/public/nov_2020/perezaranda_3cz_02c_1120_phy_name.pdf

802.3cz PHYs naming discussion



If same PMD as 802.3cz will be used, L₁ should be A and L₃ shall be defined.
But if different PMD from 802.3dh will be used, L₁ shall be defined.

Proposal for 802.3dh PHY name



https://www.ieee802.org/3/cz/public/nov_2020/perezaranda_3cz_02c_1120_phyname.pdf

Proposal for 802.3dh PHY name

Bit rate	802.3cz	802.3dh
2.5G	2.5GBASE-AU	2.5GBASE-L ₁ UL ₃
5G	5GBASE-AU	5GBASE-L ₁ UL ₃
10G	10GBASE-AU	10GBASE-L ₁ UL ₃
25G	25GBASE-AU	25GBASE-L ₁ UL ₃
50G	50GBASE-AU	Not specified

Candidate for L₁ : P(POF), V (Vehicle)

Candidate for L₃: In case A is used for L₁, it is necessary to add L₃

Thank you!