

HIBERNIA ATLANTIC LAN-PHY SERVICE

- ◆ Hibernia are now able to offer a LAN-PHY service on our network. The client side interface is per IEEE 802.3ae, and is available with a 2km (1310nm) or 25km (1550nm) optical reach, or 40km optical reach on some routes.
- ◆ The service will provide a full 10Gb/s (actually 10.31 Gb/s) capacity end-to-end.
- ◆ The 10GE client-side signal is converted into an ITU-T G.694.1-compliant standard wavelength at 10.71 Gb/s for transport over DWDM, and vice versa at the far end. On the DWDM side, Forward Error Correction is employed to ensure integrity of the end-to-end signal (ITU-T G.709).
- ◆ Customers should find that LAN-PHY interfaces are comparatively more economical to use on their equipment than OC192/STM64.
- ◆ On the Trans-Atlantic, LAN-PHY services are only available on the South route today.



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