

NICC Work Programme - DSL

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Chairman NICC DSL Task Group

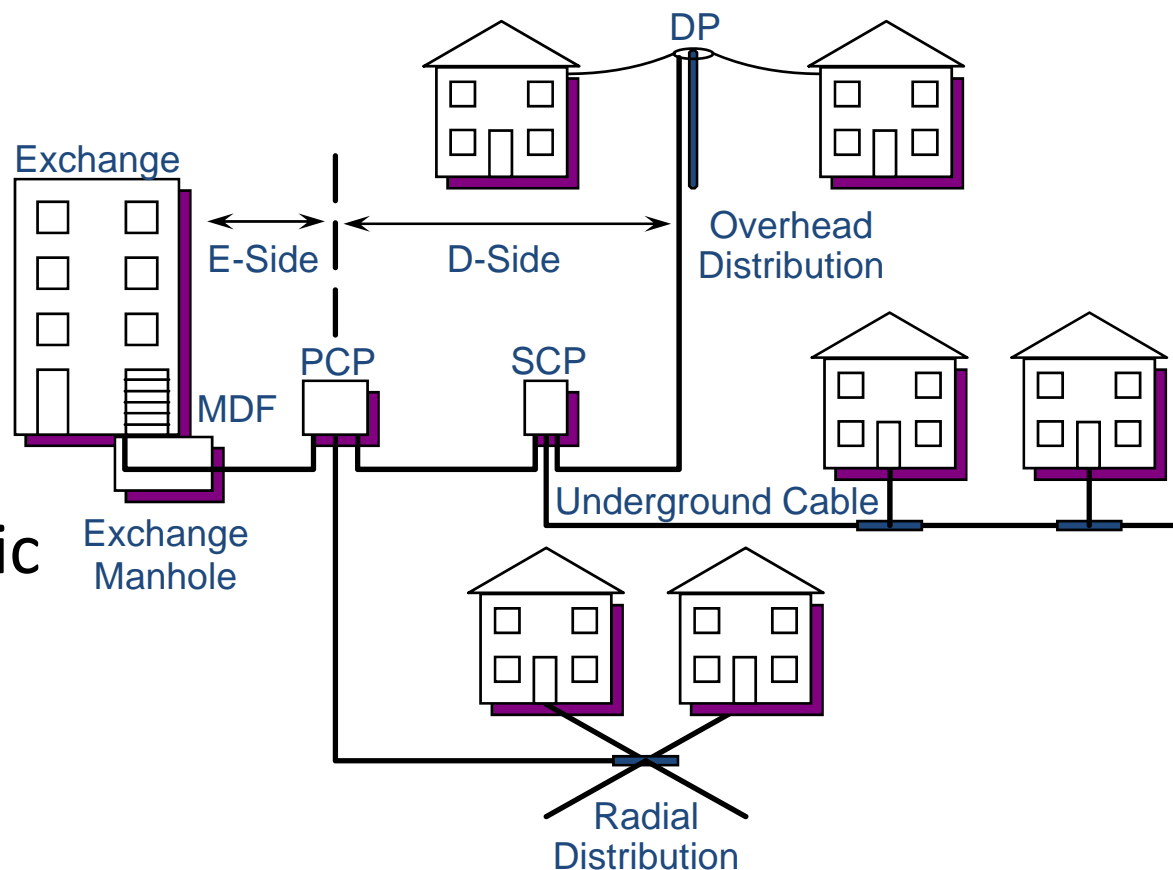
Outline

- What the DSL Task Group is responsible for
- The current work plan
- Who participates and how frequently we meet
- Recent publications
- Other developments
- Outlook for 2015
- Questions

What is the DSL TG responsible for?

Specifications and guidelines relating to the use of **Digital Subscriber Line** technology in the unbundled UK metallic access network

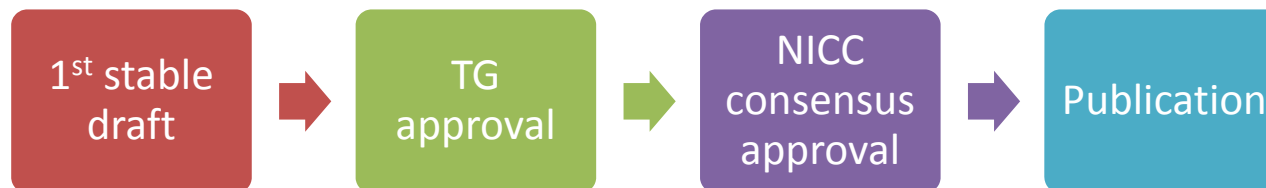
- BT
- KCOM



Key documents are the UK Access Network Frequency Plans and Metallic Path Facility specifications and guidelines.

The current work plan

Work Item #	Description	Target ND	Status
✓ 307	VDSL from the Exchange (feasibility report)	ND1517	Published October 2014
309	VDSL Vectoring (in an unbundled access network)	ND1516	Currently in TG approval, CA expected March 2015
308	DSL data sharing (for DSM)	ND1518	TG approval expected mid 2015
311	Maintenance on test plan for wires only VDSL2 interface	ND1436	TG approval expected Feb 2015
311	Maintenance on ALA specification	ND1031	TG approval expected Feb 2015



NICC DSL TG members area

The screenshot shows a web browser window displaying the NICC DSL TG members area. The browser's address bar shows the URL: <http://members.niccstandards.org/DSL/default.aspx>. The page features a navigation menu with the following items: Home, Board, TSG, OpenForum, **DSL TG**, Emloc TG, ETH TG, Security TG, SIP TGs, and N&CLI TG. A 'Site Actions' dropdown menu is also visible.

The main content area is titled 'NICC Standards > DSL' and includes a search bar. The page is divided into several sections:

- Surveys:** A list of surveys including 'Register for NICC DSL TG 31 (19 July 2013)', 'Register for NICC DSLTG#32', 'NICC DSL TG dates Nov and Dec (take 2)', 'Register for DSL TG#33 (10 Oct 2013)', 'Register for NICC DSL TG #33 (10 Oct 2013)', 'Resister for NICC DSL TG34 (14 November 2013)', 'Register for NICC DSL TG35 (16 Dec 2013)', 'Register for NICC DSL TG #36 (22 Jan 2014)', and 'Resister for NICC DSL TG #36 (22 Jan 2014)'.
- Digital Subscribers Line WG:** A section for the Digital Subscribers Line Working Group.
- Announcements:** A section for announcements, featuring a new announcement: 'Next DSL TG44 is 16 December (teleconference)!' by Kevin Foster, dated 09/11/2014 09:08. The announcement text states: 'Next meeting is 16 December 14:00-17:00 GMT and is a teleconference hosted by BT. Details in Calling Notice.' There is also a link to 'Add new announcement'.
- Draft ND Documents:** A table listing draft documents with columns for Type, Name, and Modified By. The documents are:

Type	Name	Modified By
Folder	ND1516 (Vectored VDSL)	Kevin Foster
Folder	ND1517 (VDSL from the Exchange)	Kevin Foster
Folder	ND1436 (Wires only VDSL modem test plan)	Kevin Foster
Folder	ND1436 (Wires only VDSL2 test plan)	Kevin Foster
Folder	ND1606 (Exchange splitter spec)	Kevin Foster
Folder	ND1404 (Inter-network interference management guide)	Kevin Foster
- DSL General Information:** A section providing general information, including 'NICC DSL exploder' by Kevin Foster (dated 30/01/2014 14:23) and 'DSL Officials' by wssadmin (dated 24/02/2012 10:07). The officials listed are Chairman: Mr Kevin Foster, BT. (kevin.t.foster@bt.com) and Vice Chairman: Mr Peter Adams, Adtran. (p.f.adams@btopenworld.com). There is also a link to 'Add new announcement'.
- Links:** A section with links to 'NICC Standards Ltd.' and 'Latest version of the BT ANFP'.

The browser's status bar at the bottom shows the current page URL: <http://members.niccstandards.org/DSL/Lists/Register%20for%20NICC%20DSL%20TG%2033%2010%20Oct%202013/overview.aspx> and a zoom level of 100%.

Members participating

Operators/CPs	Equipment/chip vendor	Other organisations
Sky	Actelis	Ofcom
Talk-Talk	Adtran	TRAC global
Virgin Media	ALU	AIMS
BT Group (inc. Openreach)	ASSIA	
KCOM	ECI	
Vodafone	Genesis	
	Huawei	
	Lantiq	
	Zhone	

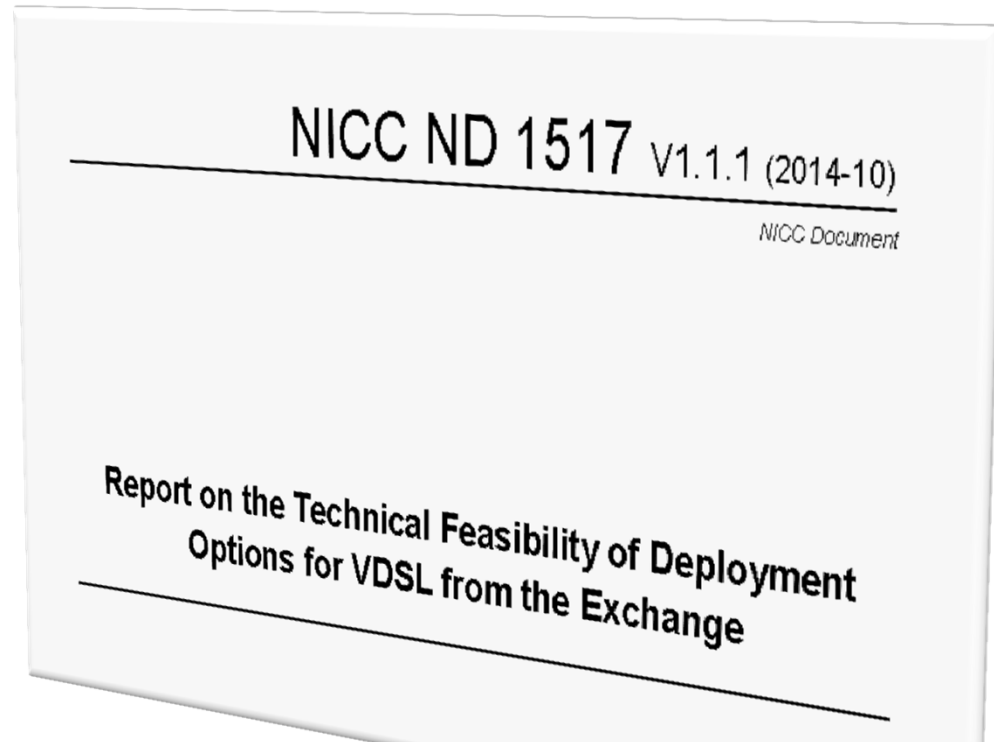
Meetings are held approximately monthly and we try to alternate between face to face meetings and teleconferences

<http://members.niccstandards.org/DSL/default.aspx>

Please contact Kevin Foster (kevin.t.foster@bt.com) if you are an NICC member and wish to participate

Recent publication

- Technical feasibility report for VDSL from the Exchange
 - <http://www.niccstandards.org.uk/files/current/ND1517V1.1.1.pdf?type=pdf>
- Key issue for DSL TG: Cabinet VDSL systems can be impacted by Exchange VDSL causing speed loss when shared binders are used



The trade off between complexity and performance needs to be evaluated by CPs in light of the potential gains offered by exchange VDSL. Each of the solutions is considered in terms of the technical work required and the impact on existing DSL deployments. In those cases when the deployment of exchange VDSL may impact existing deployments, the possible degradation to existing deployments is identified.

Other developments

- NICC has signed a **liaison agreement with the Broadband Forum** to share documents relating to DSL Data Sharing
 - New project started in the BBF
 - Goal is to align the work



Outlook for 2015

- Finish the VDSL Vectoring report TG review and then go to CA
- Complete maintenance work on ND1436 and ND1031 to enable long range VDSL2 operation (the ADSL2plus fall back mode)
- Complete our work on DSL Data Sharing in co-operation with the Broadband Forum
 - Alignment with global requirements

Thank you

Questions?