Source:	ETSI OCG / PEX
	(harald.dettner@icn.siemens.de)
Title:	New ASN.1 Syntax Checking Service from PTCC
Agenda item:	4.3
Document for:	information

Attached please find a letter from ETSI PEX, offering a new support service.
Please forward this information to all working groups using ASN.1 and which might benefit from this service.

Source: ETSI OCG / PEX
(harald.dettner@icn.siemens.de)

ETSI OCG#9
Sophia Antipolis,
6 - 8 September 1999

ETSI/OCG9(99)10
Ultan Mulligan/UJM
20 August 1999
page 2 of 2

Source: **ETSI Director-General**
Title: **New ASN.1 Syntax Checking Service from PTCC**
Agenda item: **9**

Document for:

Decision	
Discussion	
Information	**X**

This document should be distributed among your Working Groups

New ASN.1 Syntax Checking Service

The PEX, as part of the PTCC, constantly seek to improve the services they offer to the ETSI Technical Bodies. For some time it has been noticed that there was a need for the PEX to provide a PEX Helpdesk service of ASN.1 syntax checking, and assistance in the use of ASN.1. The PEX have been looking for a suitable tool in order to provide this service, and have recently found one.

How to use the service

Contact the PEX Helpdesk at the contact points below, or better still e-mail the ASN.1 file to pex@etsi.fr, requesting PEX assistance. Please give information about the context in which the ASN.1 will be used, and also please provide any ASN.1 modules which may be referenced by the module to be checked. Certain commonly used ASN.1 modules, such as TCAP, ROSE and X.500, we already have. This service is also open to 3GPP working groups.

PEX Contact Points

E-mail to pex@etsi.fr, Phone to Ms. Dominque Guedon (PEX Assistant) at +33 4 92 94 43 18 or Fax to +33 4 93 65 38 51
The four PEX officers are:

Shicheng Hu	shicheng.hu@etsi.fr	+33 4 92 94 43 69
Ultan Mulligan	ultan.mulligan@etsi.fr	+33 4 92 94 43 88
Anthony Wiles	anthony.wiles@etsi.fr	+33 4 92 94 43 87
Milan Zoric	milan.zoric@etsi.fr	+33 4 92 94 43 80

Free ASN.1 Syntax Checking Tool

The tool that the PEX use is also available free on the Web. It is the only tool that the PEX are aware of which provides syntax checking for both ASN.1:1990 (X.208) and ASN.1:1997 (X.680). Note that ITU-T SG.7 will soon withdraw X.208. It is recommended that editors use the tool to remove basic ASN.1 syntax errors before contacting the PEX for more detailed assistance.
The tool (OSS ASN.1 Syntax Checker) is available at: http://www.oss.com/products/index.html

Free SDL Viewers

The PEX have been informed of two SDL viewers which are available on the Web. Both of these viewers can successfully read SDL CIF (Common Interchange Format) files produced by Telelogic SDT, which is distributed free to rapporteurs by the ETSI Secretariat.
The viewers are:

Verilog ObjectGeode Viewer, available at: http://www.verilog.fr/
Cinderella Viewer, available at: http://www.cinderella.dk/