|  |  |  |
| --- | --- | --- |
| **itu-old** | INTERNATIONAL TELECOMMUNICATION UNION | JCA-Res178 – Doc – 011 – E |
| **TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2013-2016 |  |
| **English only****Original: English** |
| **DOCUMENT** |
| **Source:** | ITU-T SG15 |
| **Title:** | LS/r on JCA-Res178 request for input (reply to JCA-Res178-LS001) |
| **LIAISON STATEMENT** |
| **For action to:** | - |
| **For comment to:** | - |
| **For information to:** | JCA on PP-10 Resolution 178 |
| **Approval:** | ITU-T SG15 meeting (Geneva, 4 April 2014) |
| **Deadline:** | - |
| **Contact:** | Helmut SchinkVice Chairman SG15 | Tel: + 49 172 8146471Email: helmut.schink@nsn.com  |
| **Contact:** | Stephen ShewRapporteur Q12/15 | Tel: +1 613-670-3211Email: sshew@ciena.com  |
|  |

Regarding the terms of reference of JCA-Res 178, and the request for technical standardization activities that are currently being studied, SG15’s scope of work is relevant for the work of the JCA. SG15’s title “Networks, Technologies and Infrastructures for Transport, Access and Home” implies a broad range of technologies, many of which are essential to the support of the Internet.

Transport Recommendations developed in SG15 support increasing bandwidth demands of the Internet by defining higher capacity technologies such as 100G and beyond OTN and optical wavelength plans that are increasing the amount of information that can be transferred on optical fibres. SG 15 Recommendations also contribute to the increased affordability of solutions towards access for all. SG15 develops specifications for technologies that help to drive down cost of implementation for the network components as well as the copper and fibre infrastructure.

SG 15 also develops handbooks that help developing countries understand the technologies and infrastructures which are required to access the Internet

Access Recommendations developed in SG15 such as DSL are found in millions of locations and enable users to access the Internet. Increasing access speeds enhance the user experience. Passive optical networks are also studied and reduce operators’ costs in providing broadband access.

In summary, technologies produced by SG15 support the Internet by contributing to its reach, capacity, scalability, reliability and affordability.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_