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| [itu-logo](http://www.itu.int/) | | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | | Geneva, 27 February 2017 | |
| **Ref:** | **TSB Circular 13**  SG13/TK | | **To:**  - Administrations of Member States of the Union | |
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| **E-mail:** | [tsbsg13@itu.int](mailto:tsbsg13@itu.int) | | **Copy to:**  - ITU-T Sector Members;  - ITU-T Associates;  - ITU Academia;  - The Chairman and Vice-Chairmen of ITU-T Study Group 13;  - The Director of the Telecommunication Development Bureau;  - The Director of the Radiocommunication Bureau | |
| **Subject:** | **Approval of new Recommendation ITU-T Y.2773 "Performance models and metrics for deep packet inspection"** | | | |

Dear Sir/Madam,

1. Further to TSB [Circular 233](https://www.itu.int/md/T13-TSB-CIR-0233/en) of 20 September 2016, and pursuant to § 9.5 of Resolution 1 (Rev. Hammamet 2016), I hereby inform you that 28 Member States participating in the last meeting of Study Group 13 **approved** the text of draft new Recommendation ITU-T Y.2773 "Performance models and metrics for deep packet inspection" during its Plenary session held on   
   17 February 2017. The summary of this new Recommendation is in Annex 1.

2 Available patent information can be accessed online via the [ITU-T website](http://www.itu.int/net4/ipr/search.aspx?sector=ITU&class=PS).

3 The text of the pre-published Recommendation will be available on the ITU-T website at <http://www.itu.int/rec/T-REC-Y>.

4 The text of this Recommendation will be published by ITU as soon as possible.

Yours faithfully,

Chaesub Lee  
Director of the Telecommunication  
Standardization Bureau

**Annex**: 1

ANNEX 1  
(to TSB Circular 13)

**Summary of new Recommendation ITU-T Y.2773**

**Summary of new Recommendation ITU-T Y.2773 (2017), Performance models and metrics for deep packet inspection**

Recommendation ITU-T Y.2773 specifies the performance models and metrics for deep packet inspection in evolving networks. This Recommendation specifies deep packet inspection- (DPI-) specific performance models and measure point of DPI performance metrics. This Recommendation also specifies categorization methods of DPI performance metrics. Furthermore, a DPI performance description template and DPI specific performance metrics are specified in this Recommendation.

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