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| **Keywords:** | SG12; cooperation; |
| **Abstract:** | In line with WTSA-16 Resolution 1, this report covers fostered cooperation and coordination activities between SG12 and other standardization organizations. |

SG12 released the [ITU-T Software Tool Library (Recommendation ITU-T G.191) on GitHub](https://github.com/openitu/STL), enabling the wider community to use, improve and contribute to the code. The first cycle of this work saw consent on 6 December 2018, benefitting from input from 3GPP SA4 and the wider open source developer community.

Through the ITU IRG-AVQA, SG12 collaborates with VQEG on work items P.NATS Phase II and G.QoE-VR.

SG12 is also undertaking a program to evaluate existing metrics and methods of measurement for IP capacity and latency, as part of its efforts to update and expand our Recommendation on performance parameters for IP-based networks, Y.1540.

As part of the effort, SG12 has surveyed the academic research on various performance measurement tools and their accuracy. The work is seeing great interest from other relevant SDOs in this area, notably IETF, ETSI TC STQ, and the Broadband Forum. The invitation remains open in the near-term to other groups to join the development of the evaluation plan and lab work.