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| Title: ITU logo | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATION STANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | TSAG-TD090 |
| TSAG |
| **Original: English** |
| **Question(s):** | N/A | Geneva, 12-16 December 2022 |
| **TD(Ref.:** [SG20-LS3](http://handle.itu.int/11.1002/ls/sp17-sg20-oLS-00003.docx)**)** |
| **Source:** | ITU-T Study Group 20 |
| **Title:** | LS/r on the outcomes of FG QIT4N (reply to TSAG-LS46 and FG-QIT4N-LS24) [from ITU-T SG20] |
| **LIAISON STATEMENT** |
| **For action to:** | - |
| **For information to:** | TSAG |
| **Approval:** | ITU-T Study Group 20 meeting (Geneva, 28 July 2022) |
| **Deadline:** | - |
| **Contact:** | Hyoung Jun KimSG20 Chairman | Tel: +82 428606576Fax: +82 428615404E-mail: khj@etri.re.kr  |
| **Contact:** | Shane HeSG20 Vice-Chairman  | E-mail: shane.he@nokia.com  |

A new liaison statement has been received from SG20.

This liaison statement follows and the original file can be downloaded from the ITU ftp server at <http://handle.itu.int/11.1002/ls/sp17-sg20-oLS-00003.docx>.

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|  | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | **SG20-LS3** |
| **STUDY GROUP 20** |
| **Original: English** |
| **Question(s):** | All/20 | Geneva, 18-28 July 2022 |
| **Ref.: SG20-TD239-R1** |
| **Source:** | ITU-T Study Group 20 |
| **Title:** | LS/r on the outcomes of FG QIT4N (reply to TSAG-LS46 and FG-QIT4N-LS24)  |
| **LIAISON STATEMENT** |
| **For action to:** | - |
| **For information to:** | TSAG; FG QIT4N |
| **Approval:** | ITU-T Study Group 20 meeting (Geneva, 28 July 2022) |
| **Deadline:** | - |
| **Contact:** | Hyoung Jun KimSG20 Chairman  | Tel: +82 428606576Fax: +82 428615404E-mail: khj@etri.re.kr |
| **Contact:** | Shane HeSG20 Vice-Chairman  | E-mail: shane.he@nokia.com  |

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| **Abstract:** | This Liaison Statement is a reply from ITU-T Study Group 20 to FG QIT4N and TSAG on the outcomes of FG QIT4N. |

This Liaison Statement answers [TSAG-LS46](http://handle.itu.int/11.1002/ls/sp16-tsag-oLS-00046.docx) and [FG-QIT4N-LS24](http://handle.itu.int/11.1002/ls/sp16-fg-qit4n-oLS-00024.docx).

ITU-T Study Group 20 would like to thank the Focus Group on Quantum Information Technology for Networks (FG-QIT4N) and the Telecommunication Standardization Advisory Group (TSAG) for their Liaison Statements contained in [TSAG-LS46](http://handle.itu.int/11.1002/ls/sp16-tsag-oLS-00046.docx) and [FG-QIT4N-LS24](http://handle.itu.int/11.1002/ls/sp16-fg-qit4n-oLS-00024.docx), respectively.

ITU-T Study Group 20 would like to congratulate the FG‑QIT4N for the excellent results and excellent work carried out in the area of the evolution and applications on Quantum information technology for network.

ITU-T Study Group 20 will review the standardization outlook and technology maturity on the network aspects of quantum information technologies, and will also review the standardization outlook and technology maturity of Quantum Key Distribution Network (QKDN) and discuss its impact on ITU-T Study Group 20’s mandate, if any.

ITU-T Study Group 20 looks forward to collaborating closely with TSAG.

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