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| Title: ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | | TSAG-TD237 |
| TSAG |
| **Original: English** |
| **Question(s):** | | N/A | | | Geneva, 30 May - 2 June 2023 |
| **TD (Ref.:** [SG20-LS58](http://handle.itu.int/11.1002/ls/sp17-sg20-oLS-00058.docx)**)** | | | | | |
| **Source:** | | ITU-T Study Group 20 | | | |
| **Title:** | | LS/r on work related to unmanned aircraft systems (UAS) (reply to TSAG-LS6) [from ITU-T SG20] | | | |
| **LIAISON STATEMENT** | | | | | |
| **For action to:** | | | - | | |
| **For information to:** | | | TSAG | | |
| **Approval:** | | | ITU-T Study Group 20 meeting (Geneva, 10 February 2023) | | |
| **Deadline:** | | | N/A | | |
| **Contact:** | | | Hyoung Jun Kim SG20 Chairman | Tel: +82 428606576 Fax: +82 428615404 E-mail: [khj@etri.re.kr](mailto:khj@etri.re.kr) | |
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This liaison statement answers [TSAG-LS6](https://www.itu.int/ifa/t/2022/ls/tsag/sp17-tsag-oLS-00006.docx).

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-00058.docx>.

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|  | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | **SG20-LS58** |
| **STUDY GROUP 20** |
| **Original: English** |
| **Question(s):** | | 4/20 | | Geneva, 30 January – 10 February 2023 |
| **Ref.: SG20-TD693** | | | | |
| **Source:** | | ITU-T Study Group 20 | | |
| **Title:** | | LS/r on work related to unmanned aircraft systems (UAS) (reply to TSAG-LS6) | | |
| **LIAISON STATEMENT** | | | | |
| **For action to:** | | | - | |
| **For information to:** | | | TSAG | |
| **Approval:** | | | ITU-T Study Group 20 meeting (Geneva, 10 February 2023) | |
| **Deadline:** | | | N/A | |
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| **Abstract:** | This Liaison Statement contains the response of ITU-T Study Group 20 to TSAG on work related to unmanned aircraft systems (UAS) in ITU-T SG20. |

This Liaison Statement answers [TSAG-LS6](http://handle.itu.int/11.1002/ls/sp17-tsag-oLS-00006.docx).

ITU-T Study Group 20 would like to thank TSAG for the opportunity of providing information on the ongoing work items related to unmanned aircraft systems (UAS).

ITU-T Study Group 20 currently has no UAS work items under development, but there are three relevant published Recommendations listed below:

* [Recommendation ITU-T Y.4215](https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=14825) “Use cases, requirements and capabilities of unmanned aircraft systems for the Internet of Things”;
* [Recommendation ITU-T Y.4421](https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=14738) “Functional architecture for unmanned aerial vehicles and unmanned aerial vehicle controllers using IMT-2020 networks”;
* [Recommendation ITU-T Y.4559](https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=14424) “Requirements and functional architecture of base station inspection services using unmanned aerial vehicles”.

Among these, Recommendation ITU-T Y.4421 lists the term that refers to F.749.10 as below:

Civilian unmanned aerial vehicle [b-ITU-T F.749.10]: An unmanned flying device controlled by a ground control station or telecontroller via various wireless communication means. It usually consists of an aeroplane body, a power device, aviation electrical and electronic equipment and mission payload equipment, etc., and is used in non-military application areas such as industrial and consumer areas to complete the specific operation and transportation of data including audio, video and image.

ITU-T Study Group 20 will seek the opportunity to coordinate with ISO/IEC JTC 1, ITU-R SGs 4, 5, as well as with ITU-R WP4A, WP4C, WP5B, and RAG on this area in the future.

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