|  |  |  |
| --- | --- | --- |
|  | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | SCV-TD04 |
| SCV |
| Original: English |
| **Question(s):** | 5/16 | Virtual, 3 June 2022 |
| **TD****(Ref.: SG16-LS306)** |
| **Source:** | ITU-T Study Group 16 |
| **Title:** | LS/r on SCV activity in SG2 (SG2-LS197) [to ITU-T SG2, SCV] |

|  |  |
| --- | --- |
| **Keywords:** | SCV; terms; definitions |
| **Abstract:** | In reply to its LS on SCV activity in SG2 (SG2-LS197), Q5/16 informs SG2 that four related definitions were noted and the editors were informed to do necessary modifications in the future. |

ITU-T Q5/16 thanks ITU-T SG2 for considerations on the four definitions (your [SG2-LS197](http://handle.itu.int/11.1002/ls/sp16-sg2-oLS-00197.docx), our [SG16-TD639/Gen](https://www.itu.int/md/T17-SG16-220117-TD-GEN-0639/en)):

1. **Surface-defect detection [ITU-T F.AI-ISD (Q5/16)]**: ~~surface-defect detection refers to the~~ identification of defects on the surface of industrial products, including positioning, classification and measurement of different types of defects.
2. **Feature [ITU-T F.FDIS (Q5/16)]**: a bit stream extracted from the raw data for intelligent analysis tasks, it could be classified by different formats and levels of processing.
3. **SR (Super-resolution) [ITU-T F.AI-RSRSreqs (Q5/16)]**: It is the recovery process of the high-resolution (HR) image/video containing high-frequency detail information from low-resolution (LR) images/video.
4. **RSRS (Real time resolution service) [ITU-T F.AI-RSRSreqs (Q5/16)]**: It is a real-time image/video processing in which input is LR image/video and output may be HR image/video. The output image/video can be approximately considered to be synchronized with the input.

ITU-T Q5/16 has reviewed the LS and informed all related editors to modify the definitions accordingly. The editors of ITU-T F.AI-ISD, ITU-T F.FDIS, and F.AI-RSRSreqs will revise the definitions and submit contributions to the next meeting.

Also for the definition of SR (Super-Resolution), Q5/16 believes that the definition listed in this work item are not correct, the current definition refers to Super-Resolution Recovery, and this will also be corrected next meeting.

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