Source: VIDEO SWG Chairman[[1]](#footnote-1)

Title: Proposed meeting agenda for VIDEO SWG during SA4#119-e

Document for: your information

Agenda Item: 9

9. Video SWG

9.1 Opening of the session – **Block A**

9.2 Registration of documents – **Block A**

9.3 Reports and liaisons from other groups – **Block A**

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| **Tdoc** | **Title** | **Status** |
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9.4 CRs to Features in Release 17 and earlier – **Block A**

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| **Tdoc** | **Title** | **Status** |
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9.5 MeCAR (Media Capabilities for Augmented Reality) – **Block B**

WID: [SP-220242](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_95E_Electronic_2022_03/Docs/SP-220242.zip) New WID on ‘Media Capabilities for Augmented Reality’

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| **Tdoc** | **Title** | **Status** |
| **S4-220613** | [MeCAR] Device Architecture for External Display Glass for AR (EDGAR) device | **missing** |
| **S4-220614** | [MeCAR] Draft Media Capabilities for EDGAR | **missing** |
| [**S4-220640**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220640.zip) | Proposed names for device category (EDGAR-type) |  |
| [**S4-220641**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220641.zip) | Inspiration for defining GPU capability for MeCAR |  |
| [**S4-220642**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220642.zip) | Revised Work Plan for MeCAR |  |
| [**S4-220643**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220643.zip) | Proposed terminal architecture for “EDGAR” MeCAR |  |
| [**S4-220648**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220648.zip) | Real-time delivery of V3C media |  |
| [**S4-220651**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220651.zip) | [MeCAR] The EDGAR device architecture |  |
| [**S4-220672**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220672.zip) | [MeCAR] On split rendering media format |  |
| [**S4-220673**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220673.zip) | [MeCAR] On split rendering information |  |
| [**S4-220674**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220674.zip) | [MeCAR] On MeCAR architecture |  |
| **S4-220735** | [MeCAR] Clarification on the AR glasses device type | **missing** |
| [**S4-220736**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220736.zip) | [MeCAR] Clarification on the AR glasses device type |  |
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9.6 FS\_5GVideo (Feasibility Study on 5G Video Codec Characteristics) – **Block A**

WID: [SP-200052](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_87E_Electronic/Docs/SP-200052.zip) Feasibility Study on 5G Video Codec Characteristics (FS\_5GVideo)

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| **Tdoc** | **Title** | **Status** |
| [**S4-220604**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220604.zip) | TR26.955: Proposed Editor's Update |  |
| **S4-220605** | [FS\_5G\_Video] Status before SA4#119e | **missing** |
| [**S4-220606**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220606.zip) | [FS\_5G\_Video] EFS Bitrates |  |
| [**S4-220607**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220607.zip) | [FS\_5G\_Video] Verification Updates |  |
| [**S4-220608**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220608.zip) | [FS\_5G\_Video] Characterization Updates |  |
| **S4-220609** | [FS\_5G\_Video] Further Characterization Updates and Cleaning | **missing** |
| [**S4-220610**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220610.zip) | [FS\_5G\_Video] Initial Conclusions |  |
| **S4-220611** | [FS\_5G\_Video] Time Plan Considerations | **missing** |
| [**S4-220683**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220683.zip) | [FS\_5GVideo] JM Verification |  |
| [**S4-220722**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220722.zip) | [FS\_5GVideo] Proposed editorial changes to the TR text |  |
| [**S4-220723**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220723.zip) | [FS\_5GVideo] Verification of the EVC bitstreams |  |
| [**S4-220727**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220727.zip) | [FS\_5GVideo] Verification of the VVC results |  |
| [**S4-220732**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220732.zip) | Update on AV1 Results |  |
| [**S4-220734**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220734.zip) | Reproducing AV1 test results |  |
| [**S4-220737**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220737.zip) | Updates to 26.955 - Scope and Reference |  |
| [**S4-220738**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220738.zip) | Editorial Updates to 26.955 to Clause 4 and 5 |  |
| [**S4-220739**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220739.zip) | Updates to 26.955 to Clause 6 and 7 |  |
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9.7 FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) – **Block A**

WID: [SP-200054](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_87E_Electronic/Docs/SP-200054.zip) Feasibility Study on Typical Traffic Characteristics for XR Services and other Media

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| **Tdoc** | **Title** | **Status** |
| **S4-220612** | [FS\_XRTraffic] Proposed Updates to TR26.926 | **missing** |
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9.8 FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) – **Block B**

WID: [SP-220328](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_95E_Electronic_2022_03/Docs/SP-220328.zip) New SID on Artificial Intelligence (AI) and Machine Learning (ML) for Media

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| **Tdoc** | **Title** | **Status** |
| **[S4-220627](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220627.zip)** | NNEF format for AI/ML |  |
| **S4-220631** | [FS\_AI4Media] Proposed Updated Time and Work Plan | **missing** |
| [**S4-220632**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220632.zip) | [FS\_AI4Media] Update on use cases |  |
| [**S4-220633**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220633.zip) | [FS\_AI4Media] Discussion on basic architecture for AI/ML |  |
| [**S4-220710**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220710.zip) | [FS\_AI4Media] Definitions and AI/ML model composition |  |
| [**S4-220711**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220711.zip) | [FS\_AI4Media] Use-case 2.3 update |  |
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9.9 New Work / New Work Items and Study Items – **Block B**

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| **Tdoc** | **Title** | **Status** |
| [**S4-220675**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220675.zip) | Draft SID on XR Service Collaboration Extension in the Network Media Layer |  |
| [**S4-220676**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220676.zip) | Discussion Paper Updated on XR collaboration extension |  |
| [**S4-220682**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220682.zip) | Feasibility Study on AR and MR QoE Metrics |  |
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9.10 Liaisons and Liaison Responses – **Block A**

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| **Tdoc** | **Title** | **Status** |
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9.11 Any Other Business – **Block B**

9.12 Close of the session – **Block B**

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**Tdoc “color code”: black** **= submitted for the meeting by the Tdoc submission deadline**

**gray** **= submitted for the meeting after the Tdoc submission deadline**

**blue = postponed from an earlier SA4 meeting**

**red** **= covered during this meeting**

Highlighted **= missing document**

Highlighted = email agreement ongoing

Highlighted = status defined from email agreement process

**~~strikethrough~~ = withdrawn**

Conclusion codes: n: noted, r: revised, a: agreed, awp: agreed without presentation, w: withdrawn, pl: go to plenary, nt: not treated

Meeting schedule (Indicative)

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| **Milestone/session** | **Date** | **CEST** | **PDT** | **KST** |
| Start of SA4 e-meeting (Email) | 11th May | 1am | 4pm (-1) | 8am |
| Start of Block A | 11th May | 1am | 4pm (-1) | 8am |
| **SA4 Opening plenary** | | | | |
| **Opening plenary Telco** | 11th May | 7am  9am | 10pm (-1)  midnight | 2pm  4pm |
| **VIDEO SWG Sessions (Block A)** | | | | |
| Slot 1 (90min) | 12th May | 8:30am  10am | 11:30pm (-1)  1am | 3:30pm  5pm |
| Slot 2 (90min) | 13th May | 8:30am  10am | 11:30pm (-1)  1am | 3:30pm  5pm |
| End of Block A (final revisions)  Start of Block B | 16th May | 1am | 4pm (-1) | 8am |
| Slot 3 (60min) | 16th May | 7:30am  8:30am | 10:30pm (-1)  11:30pm (-1) | 2:30pm  3:30pm |
| Block A plenary | 16th May | 9am  10am | Midnight  1am | 4pm  5pm |
| **VIDEO SWG Sessions (Block B)** | | | | |
| Slot 4 (90 min) | 17th May | 6:30am  8am | 9:30pm (-1)  11pm (-1) | 1:30pm  3pm |
| Slot 5 (90 min) | 18th May | 6:30am  8am | 9:30pm (-1)  11pm (-1) | 1:30pm  3pm |
| End of Block B | 19th May | 1am | 4pm (-1) | 8am |
| Slot 6 (60min) | 19th May | 8am  9am | 11pm (-1)  Midnight | 3pm  4pm |
| Block B plenary | 19th May | 9am  10am | Midnight  1am | 4pm  5pm |
| **SA4 Closing plenary** | | | | |
| **Closing plenary Telco** | 20th May | 6am  10am | 9pm (-1)  1am | 1pm  5pm |

**Per session schedule (Tentative):**

*topics to be covered in priority (other topics may be addressed if time allows)*

* Slot 1: FS\_5GVideo
* Slot 2: FS\_XRTraffic then FS\_5GVideo
* Slot 3: Whashup Block A
* Slot 4: FS\_5GVideo/ FS\_XRTraffic / MeCAR / FS\_AI4Media / New Work
* Slot 5: FS\_5GVideo/ FS\_XRTraffic / MeCAR / FS\_AI4Media / New Work
* Slot 6: Whashup Block B and remaining Block A extended

Annex A – Documents’ status

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| --- | --- | --- | --- | --- | --- | --- |
| Tdoc number | Title | Source | SWG Agenda Item | Replaced by | SWG Status | SA4 A.I. for Tdocs presented at SA4 plenary\* |
| [S4-220604](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220604.zip) | TR26.955: Proposed Editor's Update | Qualcomm Incorporated | 9.6 |  |  |  |
| S4-220605 | [FS\_5G\_Video] Status before SA4#119e | Qualcomm Incorporated | 9.6 |  |  |  |
| [S4-220606](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220606.zip) | [FS\_5G\_Video] EFS Bitrates | Qualcomm Incorporated | 9.6 |  |  |  |
| [S4-220607](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220607.zip) | [FS\_5G\_Video] Verification Updates | Qualcomm Incorporated | 9.6 |  |  |  |
| [S4-220608](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220608.zip) | [FS\_5G\_Video] Characterization Updates | Qualcomm Incorporated | 9.6 |  |  |  |
| S4-220609 | [FS\_5G\_Video] Further Characterization Updates and Cleaning | Qualcomm Incorporated | 9.6 |  |  |  |
| [S4-220610](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220610.zip) | [FS\_5G\_Video] Initial Conclusions | Qualcomm Incorporated | 9.6 |  |  |  |
| S4-220611 | [FS\_5G\_Video] Time Plan Considerations | Qualcomm Incorporated | 9.6 |  |  |  |
| S4-220612 | [FS\_XRTraffic] Proposed Updates to TR26.926 | Qualcomm Incorporated | 9.7 |  |  |  |
| S4-220613 | [MeCAR] Device Architecture for External Display Glass for AR (EDGAR) device | Qualcomm Incorporated | 9.5 |  |  |  |
| S4-220614 | [MeCAR] Draft Media Capabilities for EDGAR | Qualcomm Incorporated | 9.5 |  |  |  |
| [S4-220627](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220627.zip) | NNEF format for AI/ML | Qualcomm Technologies Ireland | 9.8 |  |  |  |
| S4-220631 | [FS\_AI4Media] Proposed Updated Time and Work Plan | Samsung Electronics Iberia SA | 9.8 |  |  |  |
| [S4-220632](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220632.zip) | [FS\_AI4Media] Update on use cases | Samsung Electronics Iberia SA | 9.8 |  |  |  |
| [S4-220633](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220633.zip) | [FS\_AI4Media] Discussion on basic architecture for AI/ML | Samsung Electronics Iberia SA | 9.8 |  |  |  |
| [S4-220640](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220640.zip) | Proposed names for device category (EDGAR-type) | Xiaomi Communications | 9.5 |  |  |  |
| [S4-220641](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220641.zip) | Inspiration for defining GPU capability for MeCAR | Xiaomi Communications | 9.5 |  |  |  |
| [S4-220642](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220642.zip) | Revised Work Plan for MeCAR | Xiaomi Communications | 9.5 |  |  |  |
| [S4-220643](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220643.zip) | Proposed terminal architecture for “EDGAR” MeCAR | Xiaomi Communications | 9.5 |  |  |  |
| [S4-220648](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220648.zip) | Real-time delivery of V3C media | Nokia Corporation | 9.5 |  |  |  |
| [S4-220651](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220651.zip) | [MeCAR] The EDGAR device architecture | Tencent Cloud | 9.5 |  |  |  |
| [S4-220672](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220672.zip) | [MeCAR] On split rendering media format | Samsung Electronics GmbH | 9.5 |  |  |  |
| [S4-220673](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220673.zip) | [MeCAR] On split rendering information | Samsung Electronics GmbH | 9.5 |  |  |  |
| [S4-220674](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220674.zip) | [MeCAR] On MeCAR architecture | Samsung Electronics GmbH | 9.5 |  |  |  |
| [S4-220675](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220675.zip) | Draft SID on XR Service Collaboration Extension in the Network Media Layer | China Mobile Com. Corporation | 9.9 |  |  |  |
| [S4-220676](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220676.zip) | Discussion Paper Updated on XR collaboration extension | China Mobile Com. Corporation | 9.9 |  |  |  |
| [S4-220682](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220682.zip) | Feasibility Study on AR and MR QoE Metrics | China Unicom, Huawei, CATT, ZTE, OPPO, Nokia Corporation | 9.9 |  |  |  |
| [S4-220683](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220683.zip) | [FS\_5GVideo] JM Verification | Qualcomm France | 9.6 |  |  |  |
| [S4-220710](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220710.zip) | [FS\_AI4Media] Definitions and AI/ML model composition | InterDigital Finland Oy | 9.8 |  |  |  |
| [S4-220711](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220711.zip) | [FS\_AI4Media] Use-case 2.3 update | InterDigital Finland Oy | 9.8 |  |  |  |
| [S4-220722](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220722.zip) | [FS\_5GVideo] Proposed editorial changes to the TR text | Ericsson LM, Fraunhofer HHI, InterDigital and Qualcomm Inc. | 9.6 |  |  |  |
| [S4-220723](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220723.zip) | [FS\_5GVideo] Verification of the EVC bitstreams | Samsung Electronics Co. Ltd., Qualcomm Inc. | 9.6 |  |  |  |
| [S4-220727](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220727.zip) | [FS\_5GVideo] Verification of the VVC results | Qualcomm Inc., Fraunhofer HHI, Ericsson LM, InterDigital | 9.6 |  |  |  |
| [S4-220732](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220732.zip) | Update on AV1 Results | Google Inc. | 9.6 |  |  |  |
| [S4-220734](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220734.zip) | Reproducing AV1 test results | Google Inc. | 9.6 |  |  |  |
| S4-220735 | [MeCAR] Clarification on the AR glasses device type | InterDigital France R&D, SAS | 9.5 |  |  |  |
| [S4-220736](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220736.zip) | [MeCAR] Clarification on the AR glasses device type | InterDigital Communications | 9.5 |  |  |  |
| [S4-220737](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220737.zip) | Updates to 26.955 - Scope and Reference | Tencent | 9.6 |  |  |  |
| [S4-220738](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220738.zip) | Editorial Updates to 26.955 to Clause 4 and 5 | Tencent | 9.6 |  |  |  |
| [S4-220739](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220739.zip) | Updates to 26.955 to Clause 6 and 7 | Tencent | 9.6 |  |  |  |
| **Tdoc number** | **Title** | **Source** | **Agenda item** | **Replaced by** | **SWG status** | **Plenary A.I.** |
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Annex B: Participants list (XX)

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| **NAME** | **LASTNAME** | **COMPANY** |
| Mike | **WAZOWSKI** | **Monsters, Inc.** |
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1. Gilles TENIOU, TENCENT ; teniou@tencent.com [↑](#footnote-ref-1)