|  |  |
| --- | --- |
|  | Moving Picture, Audio and Data Coding by Artificial Intelligence[www.mpai.community](http://www.mpai.community)**Public Document** |
| **N1814** | 2024/06/12 |
| **Source** | General Assembly #45 (MPAI-45) |
| **Title** | MPAI Timeline |
| **Target** | MPAI-45 |

|  |  |
| --- | --- |
| NB | The date is represented as y/mm/dd where y is the last digit of the year of the 2020 decade |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Std |  | V | FunRq | CoRq | CfT | StdDv | TchSt | RfSw | ConfT | PerfA | TR |
| AIF |  | 1.1 | 0/10/21 | 0/11/18 | 0/12/16 | 1/02/17 | 1/11/24 | 2/06/22 | 2/09/30 |  |  |
|  |  | 2.0 | 2/02/23 | 2/06/22 | 2/07/19 | 2/10/26 | 3/04/19 |  |  |  |  |
| AIH |  | 1.0 | 2/06/22 |  | 3/08/23 | 3/10/25 |  |  |  |  |  |
| CAE |  | 1.4 | 0/10/21 | 0/12/16 | 1/02/17 | 1/04/14 | 1/12/22 | 2/12/21 | 2/09/30 |  |  |
|  |  | 2.0 | 2/06/22 | 2/06/22 | 2/07/19 | 2/10/26 | 3/02/22 | 3/04/19 |  |  |  |
|  |  | 2.1 |  |  |  |  | 4/01/24 |  |  |  |  |
| CAV | 1 | 1.0 | 1/07/19 |  | 3/07/12 |  | 3/09/29 |  |  |  |  |
| CAV | 2 | 1.0 | 3/09/29 |  | 4/05/15 | 4/07/10 | 4/08/21 |  |  |  |  |
| CUI |  | 1.1 | 0/11/18 | 1/02/17 | 1/03/17 | 1/05/12 | 1/09/30 | 1/09/30 | 1/09/30 | 1/09/30 |  |
| EEV |  | 1.0 | 2/04/20 |  | 4/09/30 |  |  |  |  |  |  |
| EVC |  | 1.0 | 0/10/21 |  | 4/07/10 |  |  |  |  |  |  |
| GSA |  |  | 0/10/21 |  |  |  |  |  |  |  |  |
| HMC |  | 1.0 |  |  |  | 3/10/25 | 4/02/21 |  |  |  |  |
|  |  | 1.1 |  |  |  | 4/04/17 | 4/05/15 |  |  |  |  |
| MMC |  | 1.2 | 0/10/21 | 0/12/16 | 1/02/17 | 1/04/14 | 1/09/30 | 3/09/29 |  |  |  |
|  |  | 2.0 | 2/02/23 | 2/06/22 | 2/07/19 | 2/10/26 | 3/09/29 |  |  |  |  |
|  |  | 2.1 |  |  |  |  | 3/12/20 |  |  |  |  |
| MMM | 1 |  | 2/09/30 |  |  |  | 3/12/20 |  |  |  | 3/01/25 |
|  | 2 |  | 3/01/25 |  |  |  | 3/04/19 |  |  |  | 3/04/19 |
|  | 3 | 1.0 | 3/04/19 | 3/06/14 | 3/06/14 | 3/07/12 | 3/09/29 |  |  |  |  |
|  |  | 1.1 |  |  |  |  | 3/12/20 |  |  |  |  |
|  | 4 |  |  | 3/09/29 | 4/05/15 | 4/07/10 | 4/08/21 |  |  |  |  |
| OSD |  | 1.0 | 0/05/12 |  | 3/08/23 | 3/10/25 | 3/09/29 |  |  |  |  |
|  |  | 1.1 |  |  | 4/05/15 | 4/06/12 | 4/07/10 |  |  |  |  |
| PAF |  | 1.0 | 2/04/20 |  |  | 2/10/26 | 3/09/29 |  |  |  |  |
|  |  | 1.1 |  |  |  |  | 3/12/20 |  |  |  |  |
| PRF |  | 1.0 |  |  |  | 4/01/24 | 4/05/15 |  |  |  |  |
| SPG |  | 1.0 | 0/10/21 |  |  |  |  |  |  |  |  |
| NNW |  | 1.0 | 2/04/20 | 2/06/22 | 2/07/19 | 2/10/26 | 3/02/22 | 3/03/22 | 3/11/22 |  |  |
| XRV |  | 1.0 | 2/06/22 |  | 3/08/23 | 3/11/22 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

General Assemblies

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **38** | **39** | **40** | **41** | **42** | **43** | **44** | **45** | **46** | **47** | **48** | **49** | **50** | **51** | **52** | **53** | **54** | **55** | **56** |
| **y** | 23 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 25 | 25 | 25 | 25 | 25 |
| **m** | 11 | 12 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 01 | 02 | 03 | 04 | 05 |
| **d** | 22 | 20 | 24 | 21 | 20 | 17 | 15 | 12 | 10 | 21 | 30 | 16 | 13 | 11 | 15 | 12 | 11 | 09 | 07 |
| **#** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** |
| **y** | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| **m** | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 |
| **d** | 20 | 18 | 22 | 19 | 24 | 30 | 26 | 23 | 21 | 25 | 22 | 22 | 19 | 17 | 14 | 12 | 23 | 29 | 25 |
| **#** | **0** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** |
| **y** | 20 | 20 | 20 | 20 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 22 | 22 | 22 |
| **m** | 09 | 10 | 11 | 12 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 01 | 02 | 03 |
| **d** | 30 | 21 | 18 | 16 | 20 | 17 | 17 | 14 | 12 | 09 | 19 | 25 | 30 | 27 | 24 | 22 | 26 | 23 | 23 |

|  |  |  |
| --- | --- | --- |
| **#** | **Acronym** | **Title** |
|  | MPAI-AIF | AI Framework |
|  | MPAI-AIH | AI Health data |
|  | MPAI-ARA | Avatar Representation and Animation |
|  | MPAI-CAE  | Context-based Audio Enhancement |
|  | MPAI-CAV | Connected Automotive Vehicles |
|  | MPAI-CUI | Compression and Understanding of Industrial Data |
|  | MPAI-EEV | AI-based End-to-End Video Coding |
|  | MPAI-EVC | AI-Enhanced Video Coding |
|  | MPAI-GSA | Integrative AI-based Analysis of Genomic/ Sensor Experiments |
|  | MPAI-MCS | Mixed-reality Collaborative Spaces |
|  | MPAI-MMC | Multi-Modal Conversation |
|  | MPAI-NNW | Neural Network Watermarking |
|  | MPAI-OSD | Visual Object and Scene Description |
|  | MPAI-SPG | Server-based Predictive Multiplayer Gaming |
|  | MPAI-XRV | XR Venues |

General Assemblies