



ISO/IEC JTC 1/SC 29 N 20022

ISO/IEC JTC 1/SC 29 "Coding of audio, picture, multimedia and hypermedia information"

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Liaison Statement from SC 29/WG 04 to 3GPP on Essential Video Coding [SC 29/WG 04 N 130]

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Description

In accordance with Recommendation 9.3.1 at the 4th WG 04 Meeting, 2021-07-12/16, Online, the SC 29 Secretariat sends this liaison statement to 3GPP. [Requested action: For SC 29's information]

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ISO/IEC JTC 1/SC 29/WG 04 MPEG VIDEO CODING**

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To 3GPP SA WG4

SC 29/WG 4 would like to update you the progress of standards on ISO/IEC 23094-1 Essential Video coding (EVC) and ISO/IEC 23094-4 Conformance and Reference software for Essential Video Coding.

EVC has attained the International Standard (IS) and the specification was officially published at October 2020 [1]. SC 29/WG 4 is also developing a standard for Conformance and Reference software for EVC which has achieved the Final Draft International Standard (FDIS) status [2].

The main goal of EVC standard is to provide an improved compression capability over prior video coding standards with timely publication of licensing terms. EVC standard is expected to be a video codec suitable for emerging delivery protocols and networks, such as the delivery of high-quality video services over 5G network by providing improved coding performance.

Here we would like to share with you the EVC related information, i.e. ISO/IEC 23094-1 [1], ISO/IEC FDIS 23094-4 [2], Common Test Conditions for Essential Video Coding [3], and Test Model Description of Essential Video Coding [4].

SC 29/WG 4 hopes that this information is of interest to you and you may consider using EVC to offer services for enabling use cases of video delivery in 5G.

Reference:

[1] ISO/IEC 23094-1:2020 “Information technology — General video coding — Part 1: Essential video coding,” ISO/IEC JTC1/SC29 WG 4, October 2020.

[2] ISO/IEC FDIS 23094-4 “Information technology — General video coding — Part 4: Conformance and Reference software for Essential Video Coding,” ISO/IEC JTC1/SC 29/WG 4, [N0078](#), April 2021.

[3] “Common Test Conditions for Essential Video Coding” ISO/IEC JTC 1/SC 29/WG 4, [N0126](#), July 2021.

[4] “Test Model Description of Essential Video Coding” ISO/IEC JTC 1/SC 29/WG 4, [N0127](#), July 2021.