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Title: **AHG9: Additional information for SEI message for International Color Consortium (ICC) profiles**

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Purpose: Proposal

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HEADER EXCERPT FROM SOURCE DOCUMENT

Abstract

At the 34th JVET meeting, contribution JVET-AH0173 proposed that an SEI message be created for the purpose of carrying International Color Consortium (ICC) profiles. During that meeting, questions were asked regarding the purpose and usability of such an SEI message, and accordingly the disposition of JVET-AH0173 was marked as “further study needed.” This proposal addresses the questions that were asked during the 34th meeting with information provided directly from the ICC, and reasserts that such an SEI message would prove valuable to industry.

Introduction

The International Color Consortium (ICC) was established in 1993 by a group of vendors with the mission to develop an open, vendor-neutral, cross-platform colour management system. Such a system endeavored to enable the exchange of imagery across multiple platforms, applications, and vendors with the ability to preserve colour fidelity. The results of the ICC have been (to date) 3 generations of ICC profiles: “v2”, which is published as ISO 15076-1:2005, “v4” which is published as ISO 15076-1:2010 and revised in ISO 15076-2:2024, and “iccMAX”, which is published as ISO 20677:2019. Each of these profile generations are self-describing in a well-defined header structure so that they may be distinguished, one from another.

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ABSTRACT

MEETING NOTES



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Document Information

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Comments

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