FINAL DRAFT

AMENDMENT

ISO/IEC 13818-2:201# FDAM 1

ISO/IEC JTC **1**

Secretariat: **ANSI**

Voting begins on:
2013-02-11

Voting terminates on:
2013-04-11

Information technology — Generic coding of moving pictures and associated audio information: Video — Part 2

AMENDMENT 1: Frame packing arrangement signalling for quincunx pattern

iTeh STANDARD PREVIEW

Technologies de l'information — Codage générique des images animées et du son associé: Données vidéo — Partie 2

(standards.iteh.ai)

AMENDEMENT 1: Arrangement de paquetage de cadre signalant un modèle en quinconce

Reference number
ISO/IEC 13818-2:201#/FDAM1:2013(E)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

COPYRIGHT PROTECTED DOCUMENT

INTERNATIONAL STANDARD
ISO/IEC 13818-2:201X/FDAM 1
ITU-T H.262 (201X)/FAmd.1 (201X)
ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – GENERIC CODING OF MOVING PICTURES AND ASSOCIATED AUDIO INFORMATION: Video

Amendment 1

Frame packing arrangement signalling for quincunx pattern

1) Table L-1

Replace Table L-1 with the following:

Table L-1 – Semantics of arrangement_type

arrangement_type	Meaning
0000011	stereo side by side (with rectangular grid sampling)
0000100	stereo top and bottom (with rectangular grid sampling)
0001000	2D video (with rectangular grid sampling)
0100011	stereo side by side with quincunx sampling
other values	reserved for possible future extensions defined by ITU-T / ISO/IEC

2) Annex L
Add the following at the end of Annex L:

In the case of the "stereo side by side with quincunx sampling" arrangement indication, the picture is divided into two halves, each of which has half resolution representing a quincunx pattern sampling (relative to the displayable part of the encoded picture). The left view is on the left side of the displayable part of the encoded picture and the right view is on the right side of the displayable part of the encoded picture. The border position between the two halves is at the centre of the displayable part of each scan line within the displayable part of the encoded picture. The indicated sampling positions, relative to the sampling grid of a hypothetical upconverted full-resolution picture, are different for the samples in each half. The sampling positions for the "stereo side by side with quincunx sampling" arrangement are shown in Figure L-3.
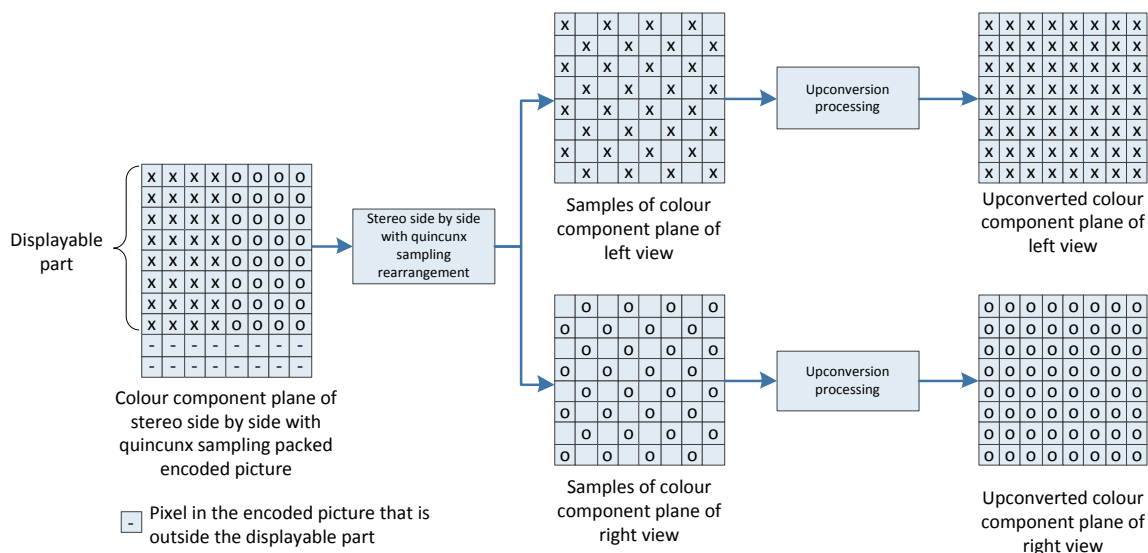
Figure L-3 – Rearrangement and hypothetical upconversion of "stereo side by side with quincunx sampling" arrangement views to convert to the full resolution of the displayable part of the encoded picture

NOTE 3 – Pixels marked as "-" in Figure L-3 illustrate pixels in the encoded picture that are outside the displayable part. These pixels are discarded after the decoding of the picture.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

iTeh STANDARD PREVIEW

(standards.iteh.ai)

ICS 35.040

Price based on 2 pages