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Sent: Wednesday, August 28, 2002 2:50 AM
To: JVT experts
Cc: Iole Moccagatta
Subject: [jvt-experts] MV prediction for frame/field coding

Dear Experts,

I have some questions on MV prediction for frame/field coding.

Clause 8.4.1.1: The last sentence of the 1st paragraph in page 62 states: "Similar rules are used to determine the two reference frames (fields) of a field (frame) block". Can somebody please explain what does this mean? In other words, how should I determine the two reference frames (fields) associated to the two frame (field) MVs of block A?

Also, how should one calculate the two frame (or field)-based motion vectors of B, C, and D when E is in frame (or field) coding mode? Should the two MVs be calculate using the technique explained for A?

Finally, how is the directional prediction performed if the current MB is frame (field) coded and A, C, or B are field (frame) coded? The last sentence of Clause 8.4.1.2 does not seem to share much light on this subject ...

Best Regards,

Iole

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= "Spatium...ultima confinia.... Haec sunt itinera astranavis =
= Incepti. Huic missio quinque annorum: explorare mundos alienos novos, =
= petere vitam novam novosque cultus, ire fortiter quo nemo iverit =
= ante." =
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The use of the jvt-experts list is intended only for the video coding standardization work conducted by the Joint Video Team (JVT) of ISO/IEC JTC1/SC29/WG11 (MPEG) and ITU-T SG16 Q.6 (VCEG).

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