# Draft Text Specification

The proposed text changes are for the contribution JCTVC-O0277.doc for the Intra Block Copy MV difference coding fixed length scheme B. The changes are marked in yellow as compared to JCTVC-N01005\_v3.doc.

#### 7.8.3.9 Motion vector difference syntax

|  |  |
| --- | --- |
| mvd\_coding( x0, y0, refList ) { | **Descriptor** |
| **abs\_mvd\_greater0\_flag**[ 0 ] | ae(v) |
| **abs\_mvd\_greater0\_flag**[ 1 ] | ae(v) |
| if( !intra\_mc\_flag[ x0 ][ y0 ] ) { |  |
| if( abs\_mvd\_greater0\_flag[ 0 ] ) |  |
| **abs\_mvd\_greater1\_flag**[ 0 ] | ae(v) |
| if( abs\_mvd\_greater0\_flag[ 1 ] ) |  |
| **abs\_mvd\_greater1\_flag**[ 1 ] | ae(v) |
| } |  |
| if( abs\_mvd\_greater0\_flag[ 0 ] ) { |  |
| if( !intra\_mc\_flag[ x0 ][ y0 ] ) { |  |
| if( abs\_mvd\_greater1\_flag[ 0 ] ){ |  |
| **abs\_mvd\_minus2**[ 0 ] | ae(v) |
| } |  |
| } |  |
| else { |  |
| **Abs\_mvd**[0] | u(7) |
| } |  |
| **mvd\_sign\_flag**[ 0 ] | ae(v) |
| } |  |
| if( abs\_mvd\_greater0\_flag[ 1 ] ) { |  |
| if( !intra\_mc\_flag[ x0 ][ y0 ] ) { |  |
| if( abs\_mvd\_greater1\_flag[ 1 ] ){ |  |
| **abs\_mvd\_minus2**[ 1 ] | ae(v) |
| } |  |
| } |  |
| else { |  |
| **Abs\_mvd**[1] | u(6) |
| } |  |
| **mvd\_sign\_flag**[ 1 ] |  |
| **}** | ae(v) |
| **}** |  |

#### 7.4.9.9 Motion vector difference semantics

**…**

**abs\_mvd\_minus2**[ compIdx ] plus 2 specifies the absolute value of a motion vector component difference.

When abs\_mvd\_minus2[ compIdx ] is not present, it is inferred to be equal to −1.

**abs\_mvd**[compIdx] specifies the absolute value of a motion vector component difference.

When abs\_mvd[ compIdx ] is not present, it is inferred to be equal to −1.

**mvd\_sign\_flag**[ compIdx ] specifies the sign of a motion vector component difference as follows

…