# Method Proposed in Section 1.1

#### On Top of CE6 Test A.4, A.5, A.6, JCTVC-S0269

#### 9.3.3.x k-th order Truncated Exp-Golomb (TEGk) binarization process

…  
stopLoop = 0  
do  
 if(symbolVal >= ( 1 << k ) ) {  
 put( 1 )  
 symbolVal = symbolVal − ( 1 << k )   
 cTEGParam = cTEGParam − ( 1 << k )   
 k++  
 } else {  
 gapVal = cTEGParam − ( 1 << k )  
 if(gapVal >= 0) { (9-yy)  
 put( 0 )  
 while( k− − )  
 put( (symbolVal >> k) & 1 )  
 stopLoop = 1  
 } else {  
 put (symbolVal == gapVal)   
 if (symbolVal < gapVal)  
 9.3.3.6 TB binarization, synVal = symbolVal, cMax = gapVal − 1  
 stopLoop = 1  
 }  
 }  
while( !stopLoop )