

AHG7: Parallel decoding SEI message for MV-HEVC

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Overview

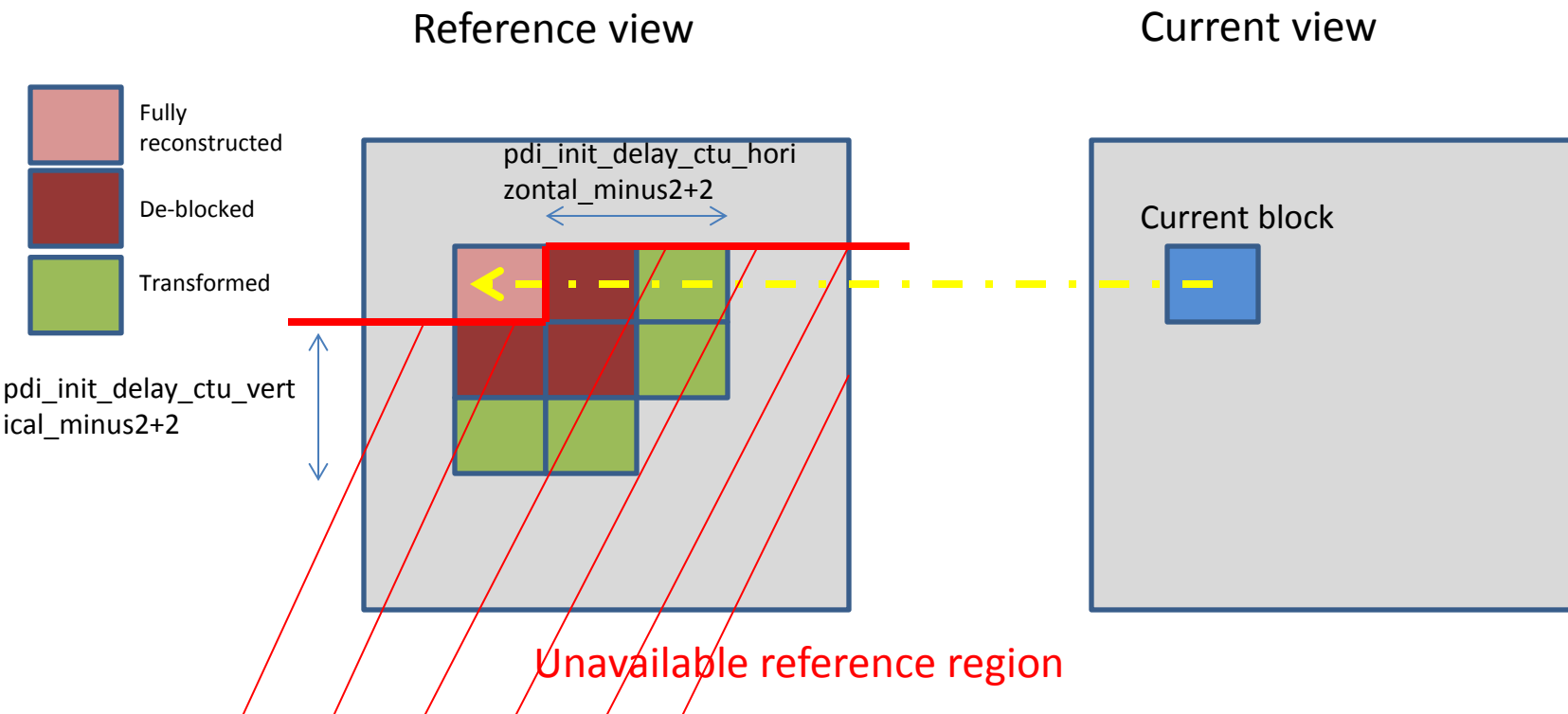
- Supported in MVC
- Initial delay signalling can help parallel decoders across views
- Signal delay in units of CTU rows and columns in the reference view

Parallel decoding information SEI message syntax

parallel_decoding_info(payloadSize) {	Descriptor
pdi_video_parameter_set_id	ue(v)
for(i = 1; i <= num_views_minus1; i++)	
for(j = 0; j < num_direct_ref_layers[i]; j++) {	
pdi_init_delay_ctu_vertical_minus2[i][j]	ue(v)
pdi_init_delay_ctu_horizontal_minus2[i][j]	ue(v)
}	
}	

Parallel decoding information SEI message

- For inter-prediction, need fully reconstructed pixels in reference block in the reference view to be used



Thank you