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Study Group:	**Working Party:**	**Intended type of document** (R-C-D-TD):	
Source:	NTT (Nippon Telegraph and Telephone Corporation), Japan		
Title:	Proposal of adding deinterlace filter		
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Please do not change the structure of this table, just insert the necessary information.

There were some problems, when we made some reference sequences according to the test plan. To perform the subjective assessment test adequately, we will propose the following.

[De-interlacing]

Problem:

When we deinterlaced a video sequence by using a KernelDeint filter, unacceptable distortions occured on some video sequences. We searched for a better filter that could be used on "Avisynth + VirtualDub". However, we could not find one filter that was adequate for all video sequences.

Proposal:

It is a big problem that unacceptable distortions occur by deinterlacing. In addition, an objective assessment method should be applicable to any deinterlace method. Therefore, we propose choosing an adequate deinterlace filter that is applicable to the target video sequence from several deinterlace filters. We propose that we can use the "AutoDeint filter" and "Blendfield filter" in addition to the "KernelDeint filter" for deinterlacing.