DV3
Digital **V**ideo
Broadcasting

LIAISON STATEMENT

SOURCE: DVB Technical Module Ad-Hoc Group on Subtitling (TM-SUB)

TO: W3C Timed Text Working Group (TTWG)

TITLE: Statement about IMSC1 and WebVTT

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The DVB Technical Module's sub-group on Subtitling (TM-SUB) dates back to 1994. DVB Subtitling has been an integral part of the DVB set of specifications. The subtitling group is responsible for the following standard for bitmapped subtitles or captions.

- EN 300 743 Digital Video Broadcasting (DVB); DVB Subtitling

TM-SUB was re-activated in January 2014, to investigate subtitles and captions for current and future services (including Ultra high definition). The group would like to inform W3C TTWG that it is considering delivery of timed text based subtitles or captions over MPEG-2 transport streams. Our goal is to complete a new DVB subtitle standard by the end of 2015.

We have considered both IMSC1 text profile and WebVTT approaches.

The DVB profile of MPEG DASH (DVB Bluebook A168[1]) already uses the EBU-TT-D TTML variant. We think it would make it easier for content providers and receiver manufacturers if there was a common format specified for broadcast and IP delivery using DASH. Therefore this is the main reason we are not considering WebVTT for further investigation as a candidate technology at this time.

We will be considering IMSC1 text profile as a candidate technology.

Kind regards,

Peter Cherriman

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[1] https://www.dvb.org/resources/public/standards/a168_dvb_mpeg_dash.zip