beIN SPORTS DIRECTION TECHNIQUE	**Recipients :** Agencies and advertisers
Réf : PROCEDURE ADSALES #20181003-01	**Date :** 01/01/2023

READY TO BROADCAST STANDARD
Tapes and files

Delivery

The advertising elements must be delivered into dematerialized form and must respect the technical recommendation from the FICAM **CST-RT-040-TV-2016** and from the **EBU R-95-2016** in HD and stereo format.

The delivery of the advertising elements must be done through ADSTREAM and PEACH and it has to respect their technical recommendation.

ADSTREAM
80-82, rue Anatole France
92300 Levallois Perret
http://www.adstream.com/fr/

PEACH
5, rue du Havre
75008 Paris
https://www.peachvideo.com/en-gb/

The advertising elements must be delivered at the latest **5 working days** before the airing.

From the 1st of January 2020,all the instructions below:

-Delivery day of the advertising elements
-Confirmation for the spot to be aired
-Rotation instructions

 must be dropped on MyDiffTV (www.mydiff.tv) , the dedicated and mutual platform for the adsales houses members of SNPTV. Every other method of transmission for the instructions can't be use anymore by beIN REGIE.

The rotation instructions must be sent at the following e-mail address:
FR-DIFF-BEINREGIE@bein.com

The advertising elements must be named by their own PubID and must include their dematerialized technical data sheet.

Video Signals

The video signal must be delivered in HD 4:2:2 1080/50i ratio16/9.

The protection zone 16/9 (regarding the insertion of graphic elements such as brand logo, packshots, or all written inquiries) must respect the technical recommendation **EBU R-95-2016**.

The video signal must respect the technical recommendation from the FICAM **CST-RT-040-TV-2016.**
The following levels must be respected:

Electricity Level	700 Mv
Top Level	721 mV (+3%)
Lower Level	-7 mV (-1%)
Spatial Tolerance	1%

Audio Signals

The audio signal will be delivered in stereo format positioned on the track AES 1.
The energy levels (Loudness) will be strictly graded in order to respect the norm **EBU R128**
And hast to be -23 LUFS with a tolerability of ± 1 LU.

- Format : PCM
- Sampling Frequency: 48 kHz.
- Minimal linear quantification on 16 bits.
- Left and right tracks allocation according to AES3-1992 (r1997). Reference signal alignment on peak-meter: : -18 dBFS

Allocation of audio tracks

		Version	Left/Right
AES n°1	Track 1	VF	Left

AES n°1	Track 2	VF	Right
AES n°2	Track 3	n/a	n/a
AES n°2	Track 4	n/a	n/a
AES n°3	Track 5	n/a	n/a
AES n°3	Track 6	n/a	n/a
AES n°4	Track 7	n/a	n/a
AES n°4	Track 8	n/a	n/a

The audio signal must respect the technical recommendation from the FICAM **CST-RT-040-TV-2016**.

Timecode

The LTC and VITC timecode must be identical and continuous with no break.

The TC's signal must respect the technical recommendation from the FICAM **CST-RT-040-TV-2016**

Subtitling for deaf and hard-of-hearing

In case of subtitles delivery for deaf and hard-of-hearing, the files must respect the UER's norm **N19-202** and must respect the Charter for the subtitling for deaf and hard-of-hearing signed by broadcasters and subtitle's producers the 12 December 2011 on the initiative of the CSA.

Dematerialized Technical data sheet

Every advertising element will be delivered with a dematerialized technical data sheet in XML format.
This is an example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<clip>
    <platform>Platform</platform>
    <chainesgroup ID="1000" name="beIN SPORTS" EditorialID="">
        <channel>beIN SPORTS ou ES1</channel>
    </chainesgroup>
    <annonceur>Annonce</annonceur>
    <agence>Agence</agence>
    <produit>TEST</produit>
    <FileList>
        <File name="file_151126_TEST_HD.mxf" path="\File_151126_TEST_HD.mxf" />
    </FileList>
    <FILE_ID>File_TEST_HD</FILE_ID>
    <format_reel>00:00:30:00</format_reel>
    <TCIN>00:00:00:00</TCIN>
    <TCOUT>00:00:30:00</TCOUT>
    <titre>TEST HD 151126</titre>
    <ARPP />
    <PUB_ID>FR_AAAA_BBBB_CCCC_0001_030_F</PUB_ID>
    <aspect_ratio>16/9</aspect_ratio>
```

```
        <definition>HD</definition>
        <audio>stereo</audio>
        <sous_titres>N</sous_titres>
        <type_sous_titres />
          <!--optionel
        <FILE_LOCATION>http://www.example.site.com:8080/INTL/D1003594286.wmv</FILE_LOCATION>
          -->
</clip>
```