HOW TO QC HDR DOLBY VISION FILES, AND HOW TO APPLY TRIM PASS:

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1. We need to make sure that the file we are working on has the Dolby Vision (DoVi) XML Metadata document present.
2. We refer if no DoVi XML Metadata document present.

3. **Our first picture Pass is with the DoVi XML doc added:**
   Load the file into the Iris, and load the XML metadata doc into the Iris after you put the file in.
   Orange dots will show below the video window of the Iris.
4. Turn the **HDR Simulation OFF** in the Options menu in Iris **– Split screen box un- ticked.**
   Turn off HDR Simulation in the dropdown menu of the **Iris video window**.
5. **Then do your QC.** (So, your first pass will be with the DoVi XML metadata loaded into the Iris but with the
6. HDR simulation off - showing you the native HDR image)

7. **Our second picture Pass is with the Dolby Vision Trim pass applied - with the xml doc added:**
   This is Split Screen: Original Picture on left / Metadata trim pass on Right.
   We turn on HDR simulation / Options menu in Iris and ensure the Split screen box is ticked.
   And we turn on the HDR simulation in the dropdown of the Iris
   The Trim pass is to check that the sync timings of the edits in the Metadata match the edits in the video.
   If there are any timing errors, they would appear like a mistimed grading error with the luminance level changing at a point other than a cut.
   It is recommended to use the **100-nit trim pass** as this will give the greatest change in light level to the native level and so will make the most obvious difference in the light levels.

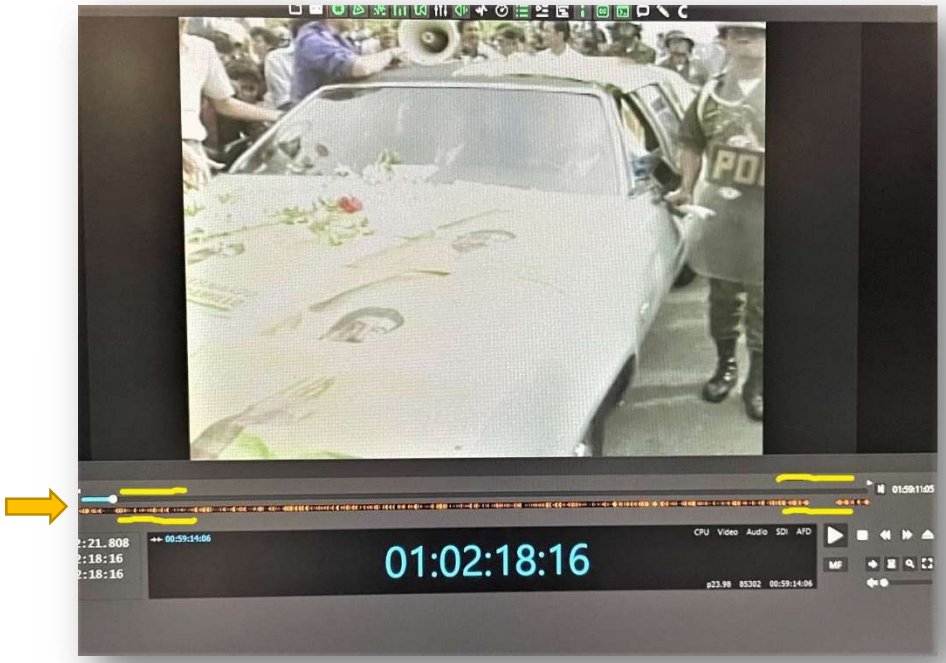
8. **If the Client is not paying for us to do a runtime of the Trim Pass, we will do a Spot Check of the Trim Pass**
   (Start / Middle End to check sync timing – Run for 30 sec each / or over two shot edits).

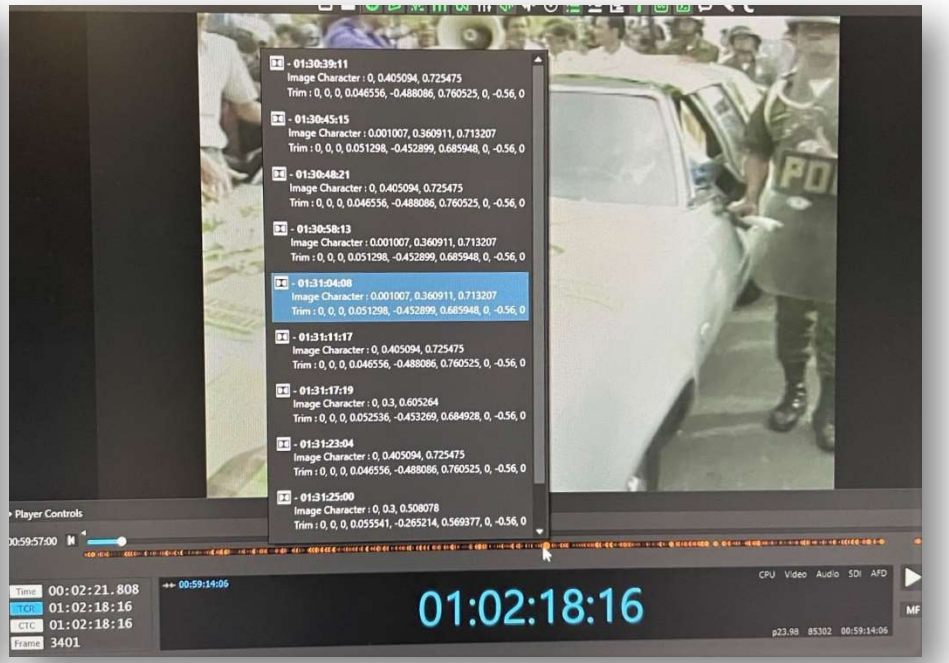
HOW TO ON IRIS.

Open the mov as usual.
Drag & drop the XML onto the Iris video window.

The DoVi timing data then appears above the timeline:

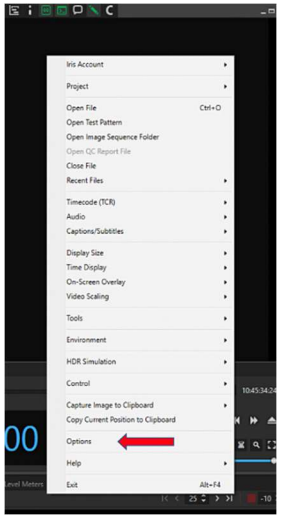
When you hover over the dots with the cursor, the sync timings of the edits in the Metadata are visible.





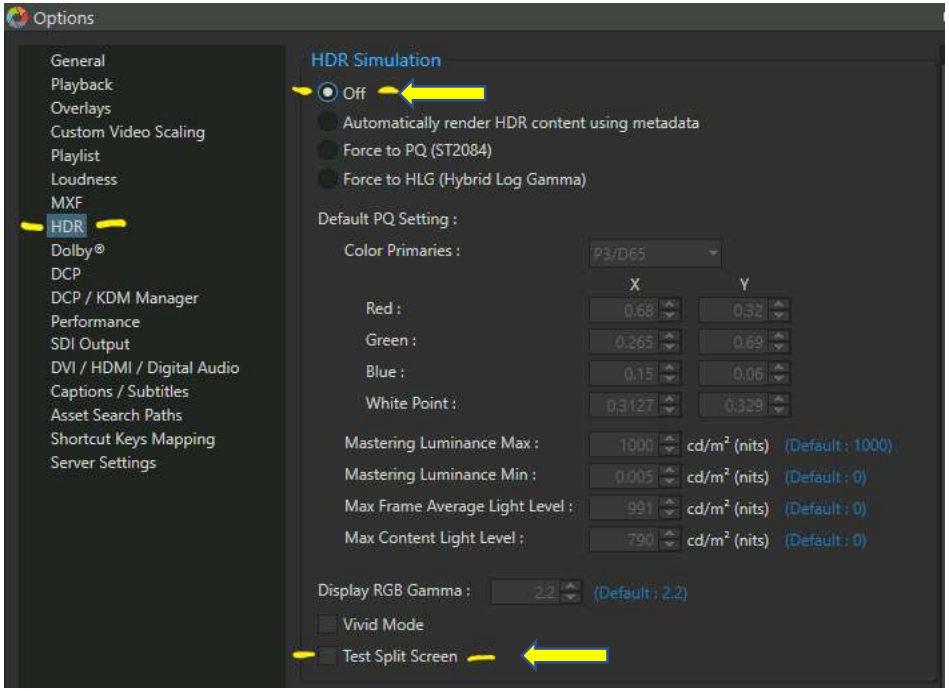
FOR FIRST PICTURE QC PASS (without TRIM PASS).

First, right click on the Iris video window for the Options tab in the dropdown menu:
Select: Options

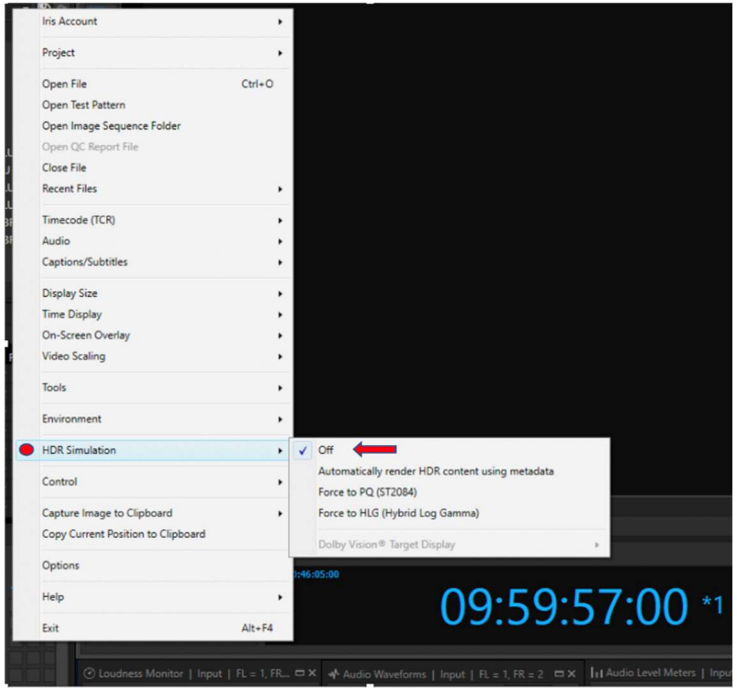


In Iris Options menu: Select **HDR** - Turn the **HDR Simulation OFF (tick Off box)**
UN-TICK Test Split screen box.
In Iris video window: Right click for dropdown menu. HDR Simulation box ticked **Off**

On Options Menu:
HDR Simulation OFF.
Test Split Screen UN-TICKED



Video Window on Iris:
Right click on Video Window for menu
HDR Simulation Off.

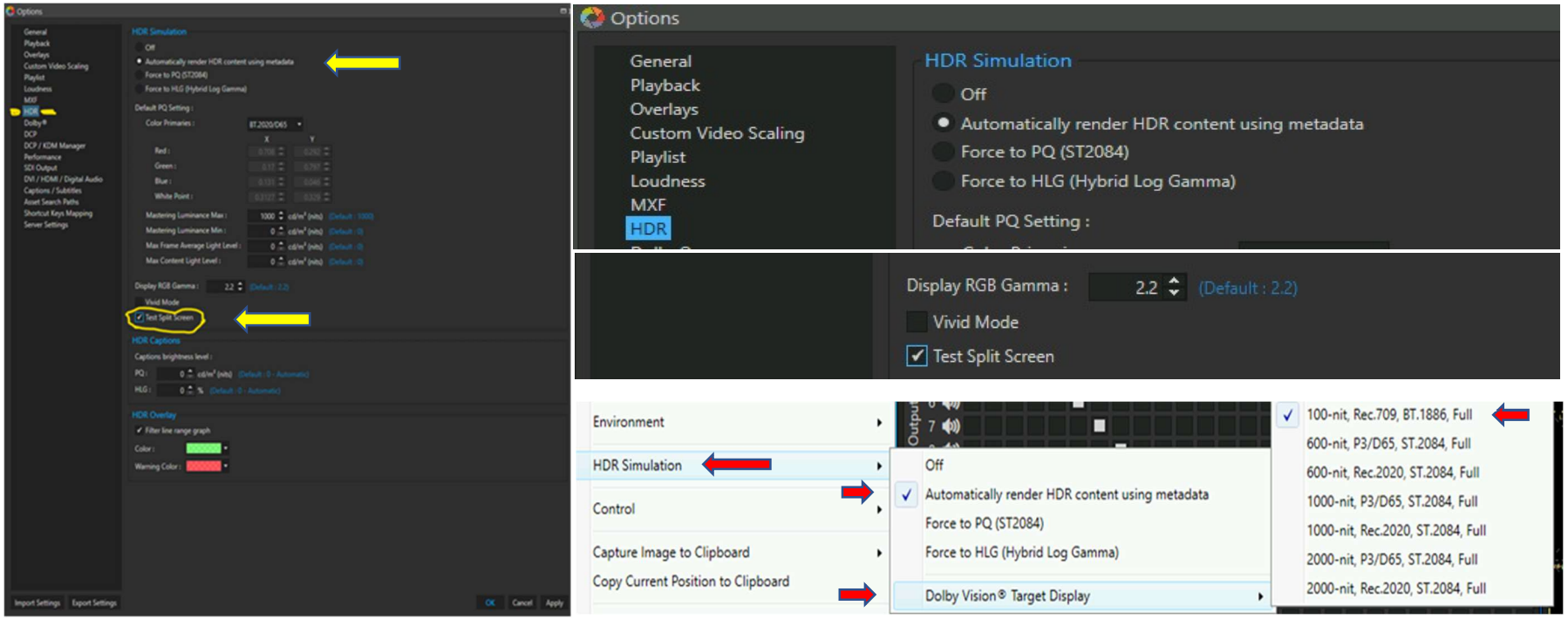


FOR SECOND PICTURE QC PASS (with TRIM PASS).

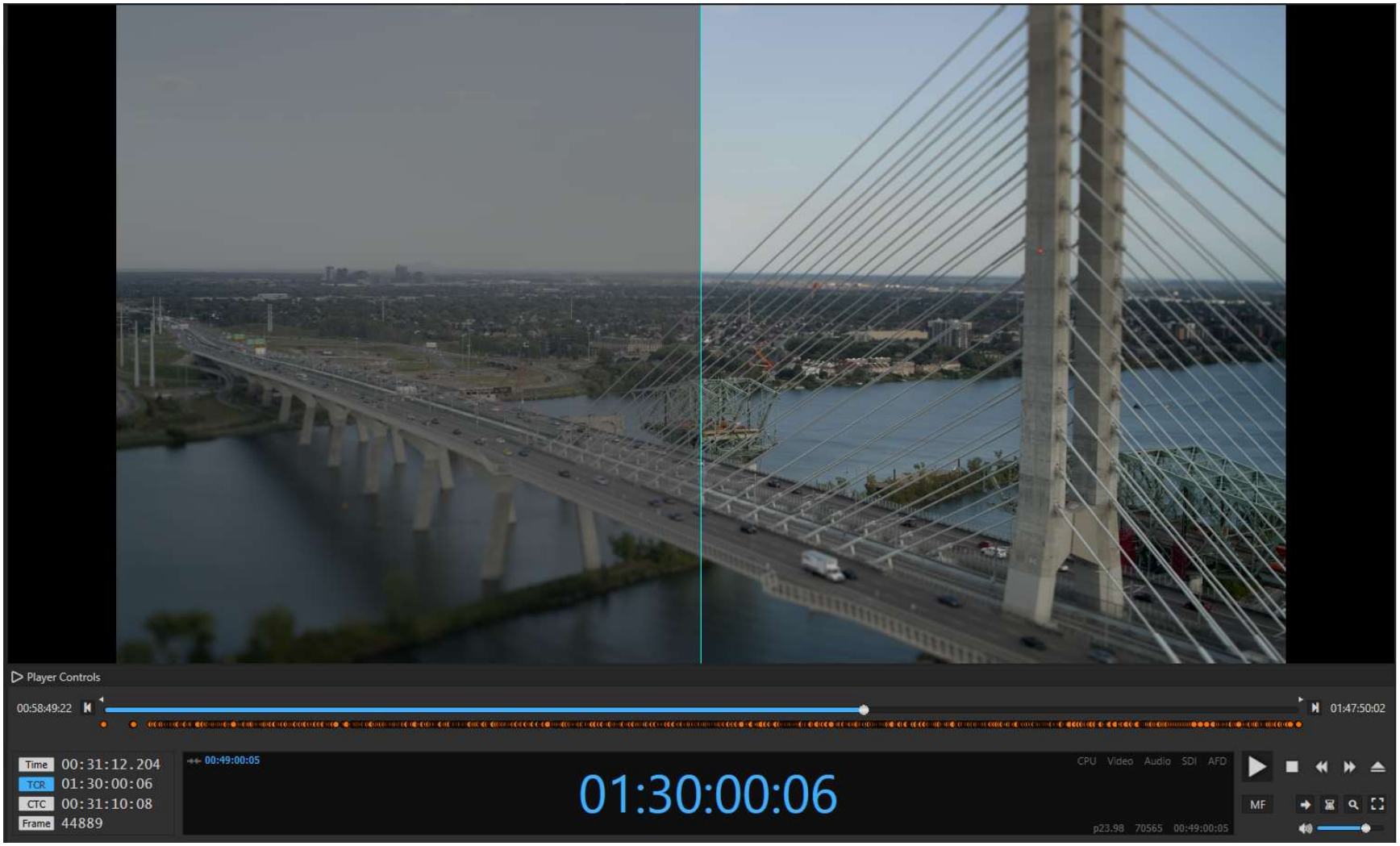
FOR TRIM PASS:

In Iris Options menu: Select **HDR** - HDR Simulation - **Make sure the box 'Automatically render HDR content using metadata' is selected**
Make sure the box 'Test Split screen' is selected.

In Iris video window: Right click for dropdown menu - Select **HDR Simulation**:
Select: **Automatically render HDR content using metadata.**
Select: **Dolby Vision Target Display**: 100-nit, Rec 709 BT 1886, full
Or you can then select the trim pass you need to use if the QC requests a specific one to be used.



This is an example of what a Split Screen Trim Pass Looks like on the Iris QC player.
(This should view the same on the QC Monitor)



This is an example of what a Split Screen Trim Pass Looks like on the QC monitor.