Adobe Premiere Pro - How to Make a 5.1 HD 1920 x 1080 QuickTime using your Surround Sound Mix

Right Click on your sequence and choose select it for exporting as a self contained QuickTime.
Right Click and choose Export Media

- Open in Source Monitor
- Open in Timeline
- Set Poster Frame
- Edit Original
- Edit in Adobe Audition
- Edit in Adobe Photoshop
- Export Media...
On The Export Settings choose

> Match Sequence Settings

> Click on the Output Name
Choose the destination for the file. Save it to your storage drive etc.

Save As: MWVideo For 5.1 DCP
Tags: 
Where: tempstorage

File Format: Video Files (*.MXF)
When that is finished you are going to reimport that file back into Premier.
Import the file you just exported back into your project.

Live Options

Linda Final Cut DCP

Gregory Scope DCP 1

JUNE 24 FINAL.mov
Import the 5.1 Interleaved File into your Premiere Project

Select the file and import. Choose the Interleaved 5.1.wav

Next need
to check the sync in your final timeline. Locate the final picture locked timeline in your project and make a copy of it by right-clicking on it.
round interleaved mix with the timeline. You just loaded by dragging it into your picture backed timeline and check for sync.
the track with the small 5.1 on it that is your mix. Adjust by slipping the mix in the timeline if needed. You should not have to do anythi
ng if you didn't change your timeline after you exported for them ... If you didn't have to slip it to get in sync, note that number of fra
You slipped them in.
Once the mix is in sync with the video go on to the next step.
Click on the New Item and choose Sequence.

Sequence...
- Offline File...
- Adjustment Layer...
- Title...
- Bars and Tone...
Click on the Tracks Tab and then delete the audio tracks Audio 2 - 4

Put a check box on the tracks 2-4

Click on the "-" minus button to delete the tracks

This will leave just one audio track

DON'T HIT OKAY YET
Set Video to 1 track
And change Master from Stereo to Multichannel and set Number of tracks to 6

Change the Track Type of the one audio track left to 5.1

Title the sequence and click OK
Drag the imported 5.1 Sound file to the timeline so the beginning is at the beginning of the timeline.

Slip the mix the number of frames you figured out earlier in the wiki. Only if you need to if it was in sync your fine don't change anything.

Make a video only edit on to your timeline on top of the 5.1 audio and make sure they line up.

Make sure your movie is in sync you will be only able to check tracks 1 and 2 so you won’t hear dialog but hopefully you can tell well enough.

The final check will be the QuickTime you will make next.

Export the QuickTime
File>Export>Media
Click on the Sequence to export and choose >File>Export>Media or click "Command M"

Choose Format QuickTime

Choose to Export Video and Export Audio

Preset Settings won't work we will have to make a custom setting.
But in the meantime choose GoPro whatever so we can modify it

Choose Video Codec > Apple ProRes 422
DONT CLICK EXPORT YET

Click on Audio tab and choose
Audio Codec - Uncompressed

Sample Rate 48
Sample Size 24

Audio Channel Configuration
Output Channels
5.1 L,R,C, LFE, Ls, Rs
Click on the Blue Output Name and this is where you choose to save the file on your hard drive

Choose a destination for your file that is going to be exported

Choose Export

You may find other ways to do this on the internet. Ways that may seem legit, from legit organizations, like this one:
(+)http://blogs.saic.edu/fvnmatech/2016/06/27/creating-a-master-file-for-5-1-surround-sound-dcp/
But if you follow this workflow, your mix will be wrong. Aren't you glad your attending UT.