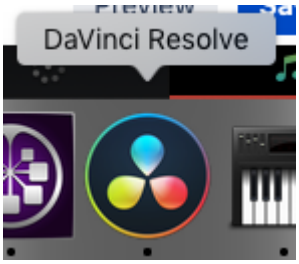
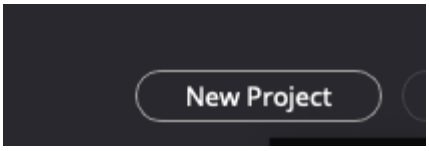
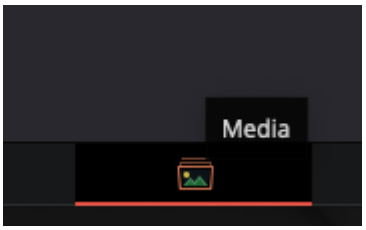
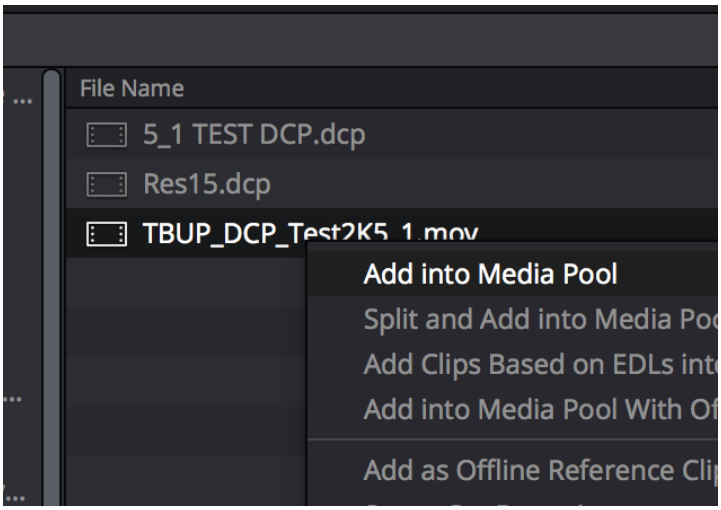
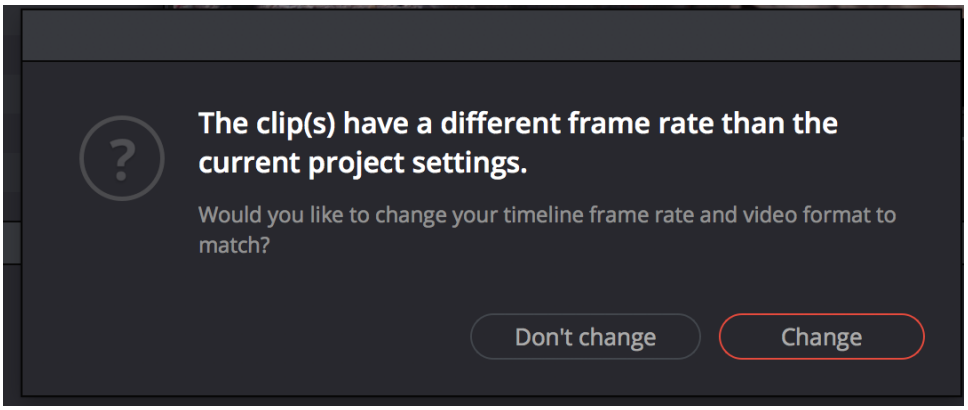
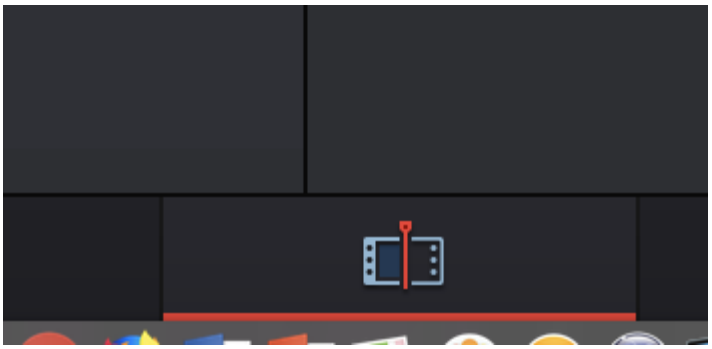
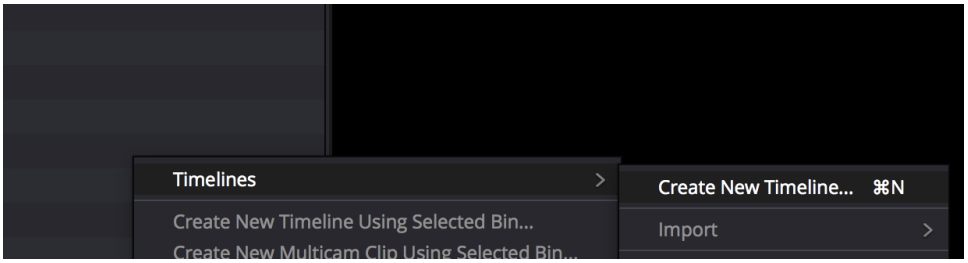
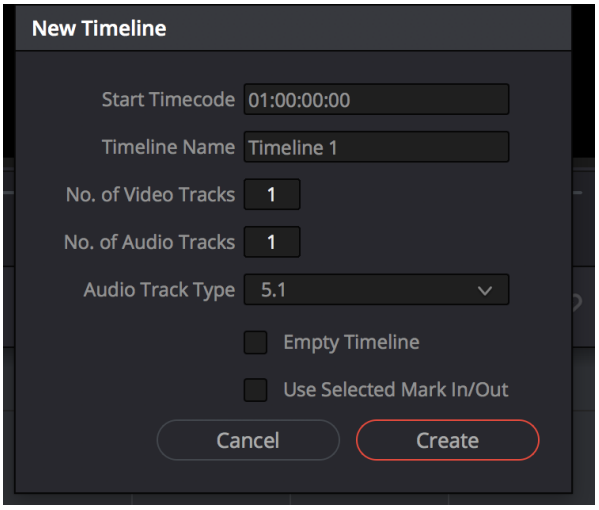
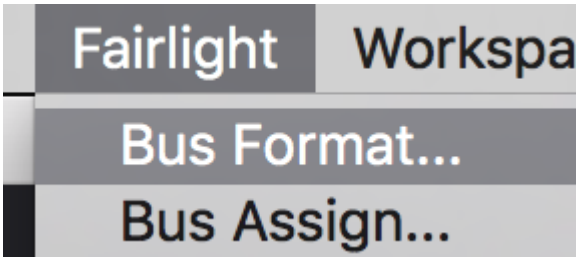
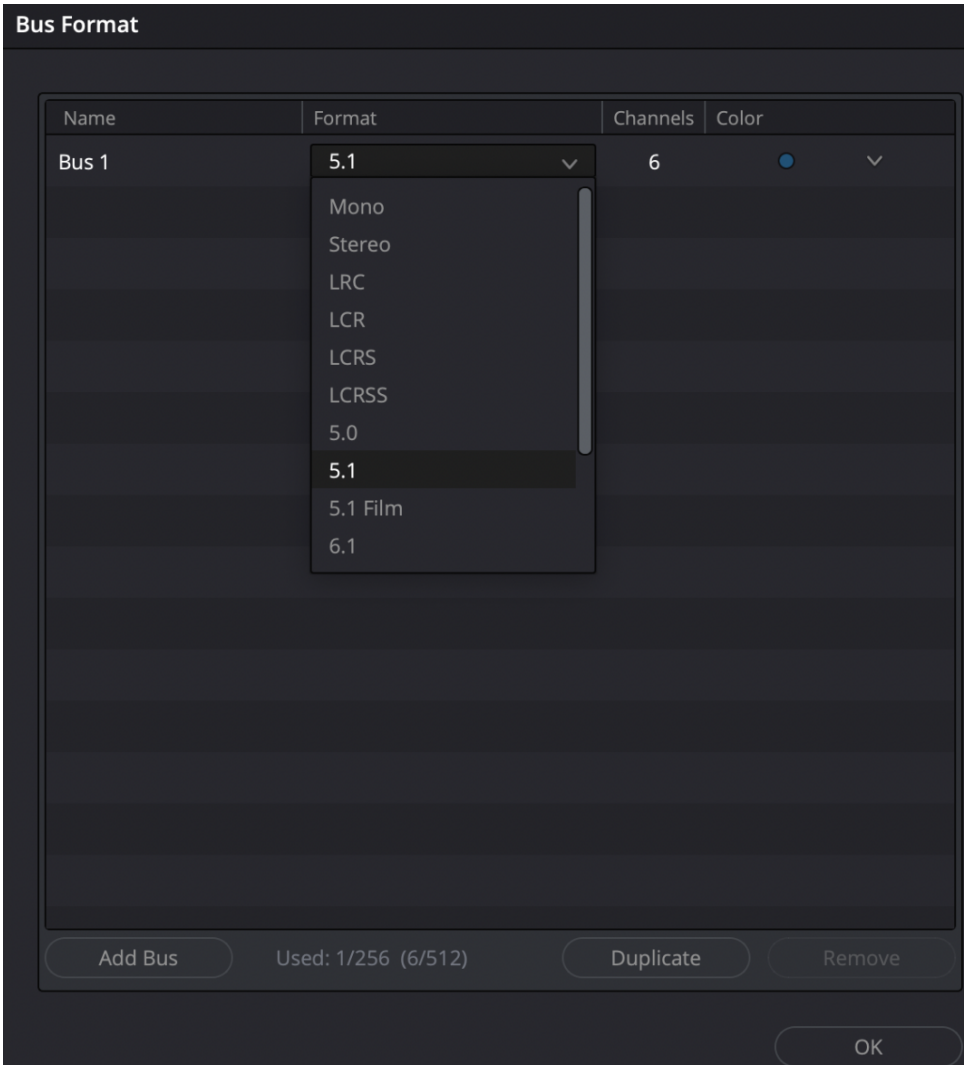
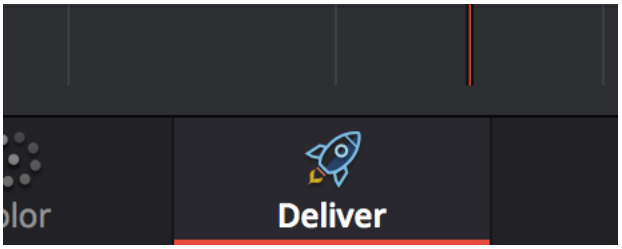
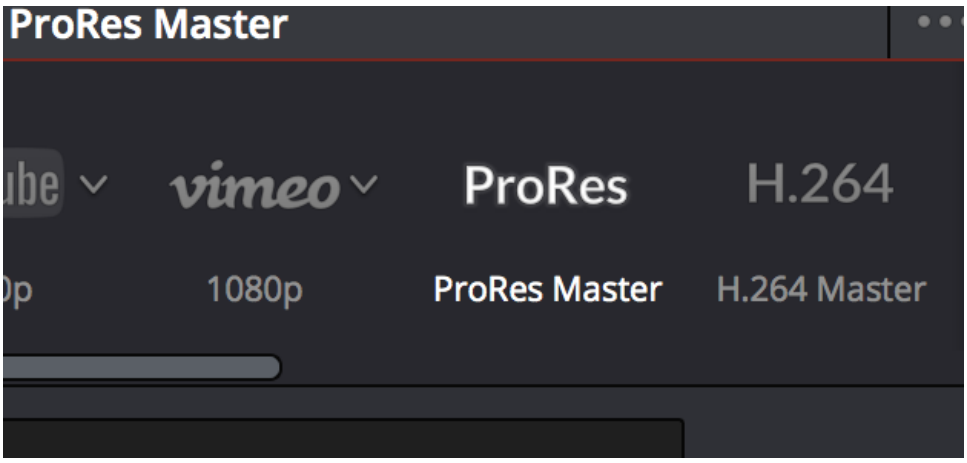
Davinci Resolve - Surround Sound Audio Import and Export

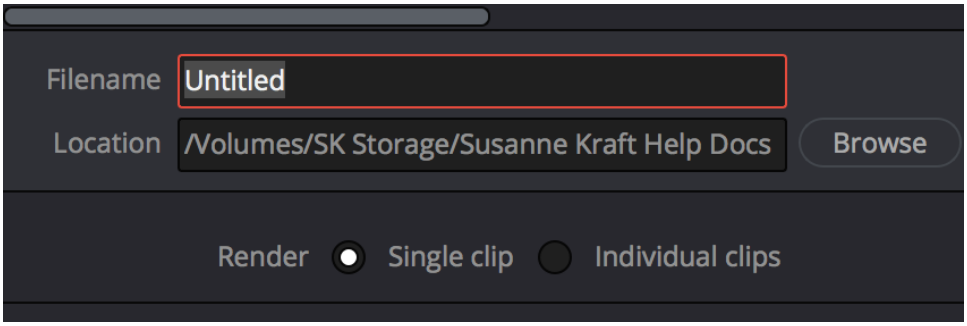
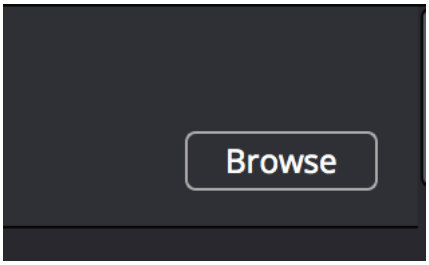
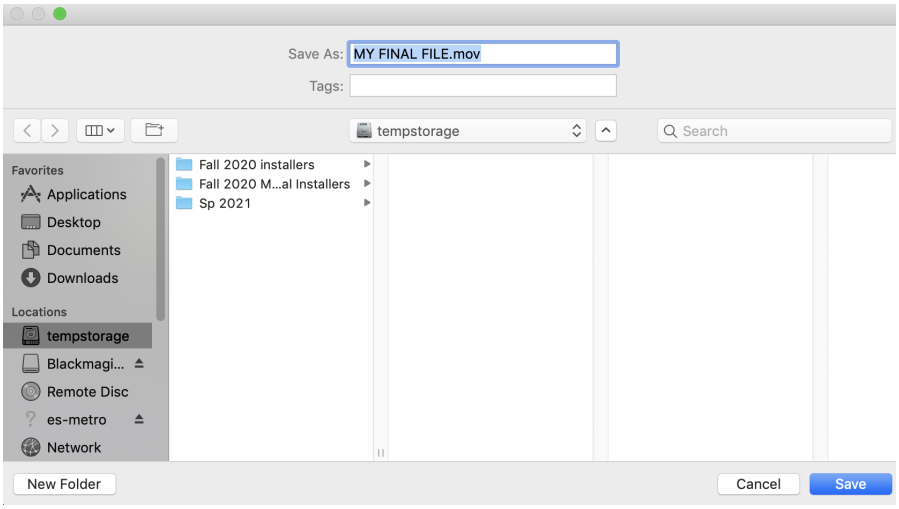
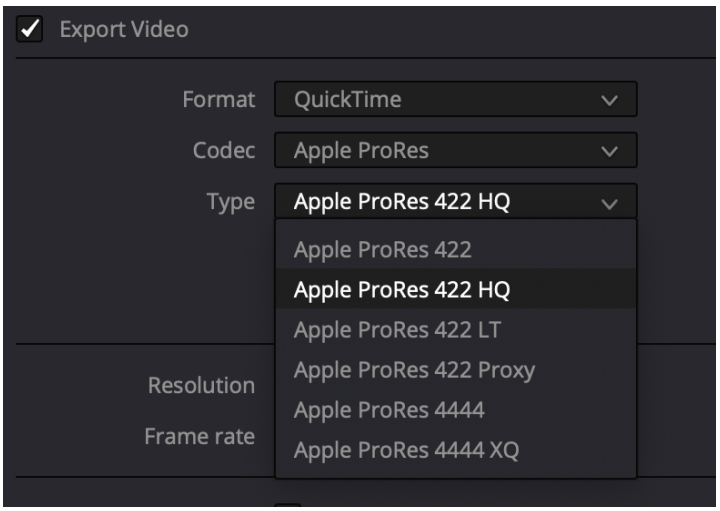
See this wiki for projects that have existing timelines in resolve and you just want to add your surround mix and export

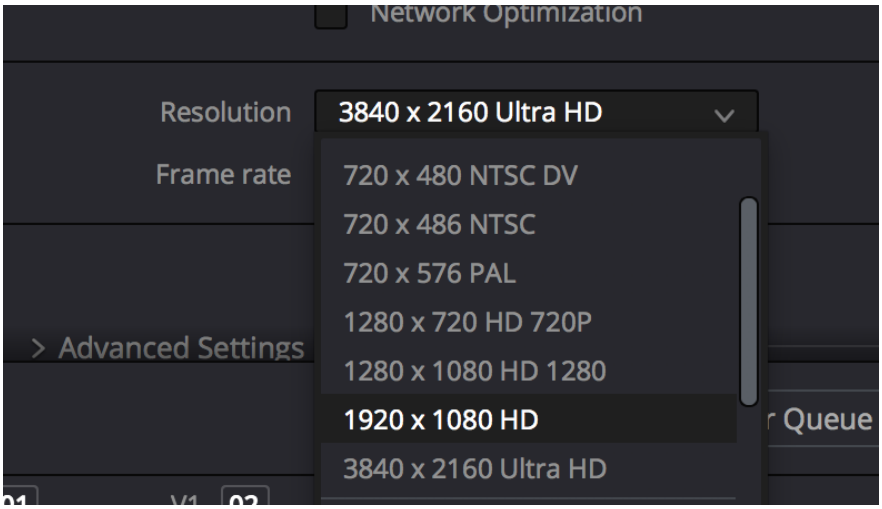
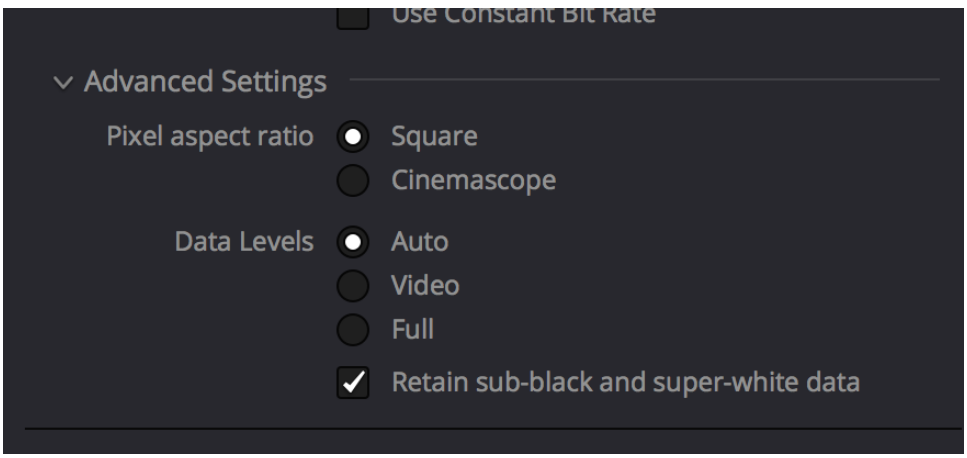
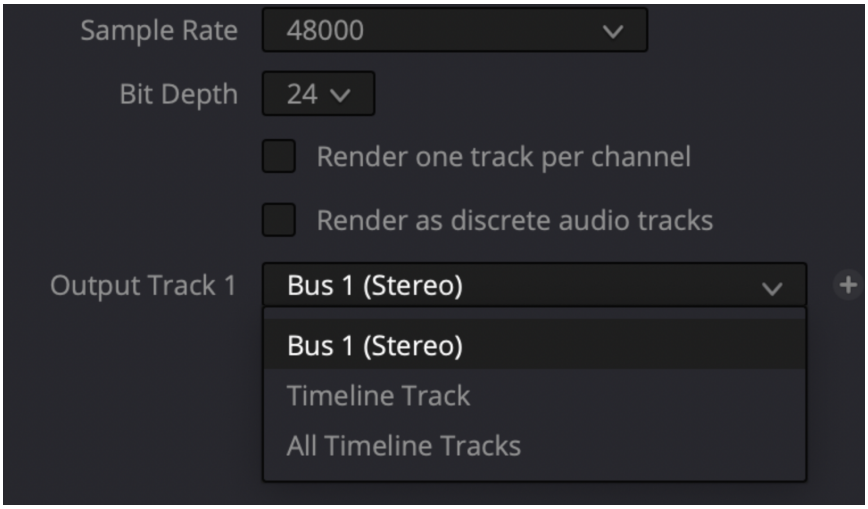
Davinci Resolve - How to Import Surround Sound Mix and Export Surround File

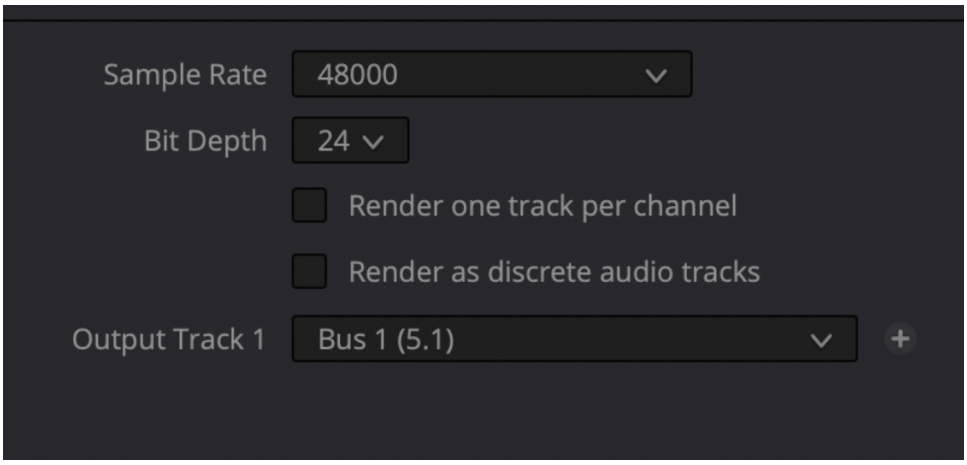
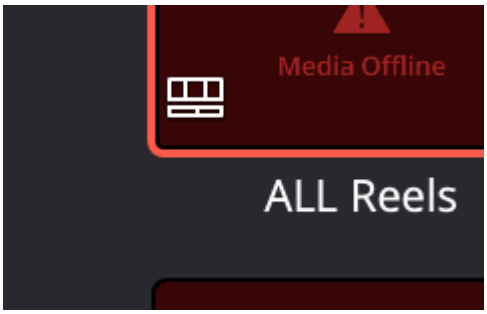
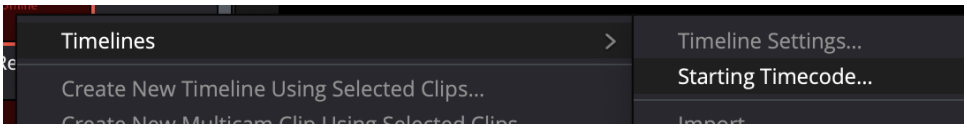
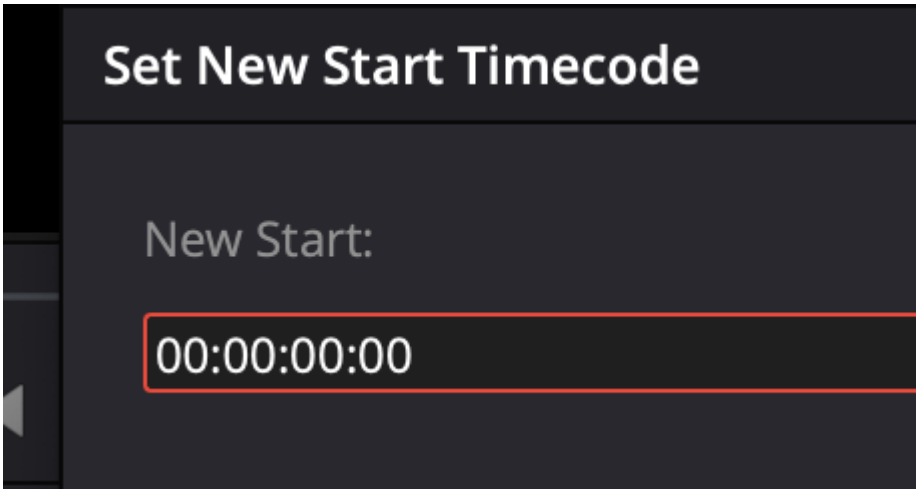
Open Davinci Resolve	
When you get trough the prompts Open a New Project or Existing Project	
Click on Media Tab and add 5.1 audio clip to media pool	
Find the clip with the 5.1 interleaved audio that was exported Right click it and choose "Add into Media Pool"	
Choose to Change the frame rate Click "Change"	

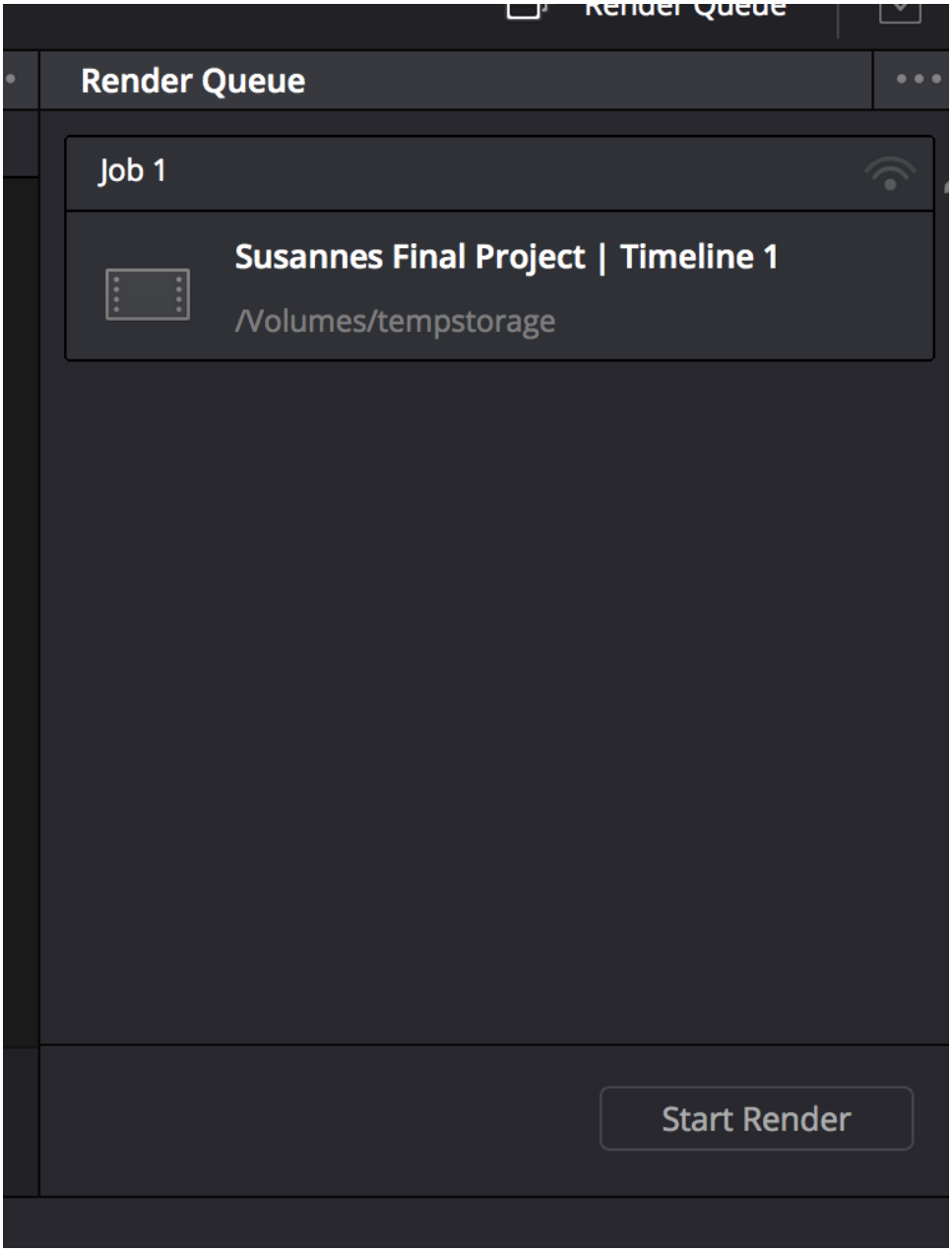
Next - Go to the Edit Tab	
Right click in the Media Pool area >Choose >Timeline>CreateNew Timeline	
Set the Timeline to be 1 Video Track 1 audio track that is 5.1 Uncheck Empty Timeline Click on "Create" Now add you video on to the timeline with the surround sound audio file set to 5.1	
Next go to >Fairlight>Bus Format	

Bus 1 Choose Format 5.1 Click on OK	
To Start the Self Contained QuickTime export of the Final Resolve Project click on the Deliver Tab	
In the upper left corner click on Render Settings Choose >ProRes>ProRes Master	

Make Sure Single Clip is selected and Title the Filenmae and choose a location to save the file	
Click Browse to navigate to the folder you want to save the QuickTime	
Pick a Storage Drive and folder to save the file Click OK	
Make sure the Export Video is checked Choose Format=QuickTime Codec Apple ProRes 422 HQ (use for RTF Screenings) Or what ProRes Codec you'd rather use for lower or higher quality 1920 x 1080 HD (use for RTF Screenings)	

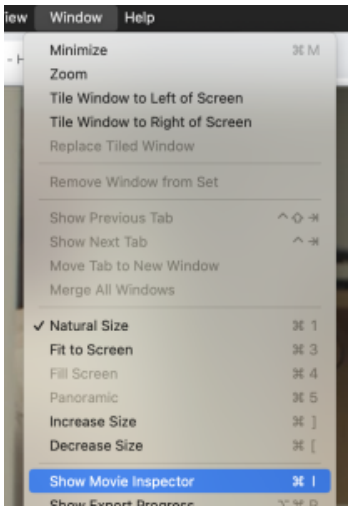
Or if you would like to export a UHD 3840 x 2160 version choose that setting FPS 23.976 (or 24 or whatever frame rate your timeline is)	
Choose Advanced Settings Make sure Retain Sub-black and Super White Data is checked	
Scroll back up in the tool and choose the Audio Tab Check the Export Audio box and set to Linear PCM, 24 Bit and Bus 1 stereo	

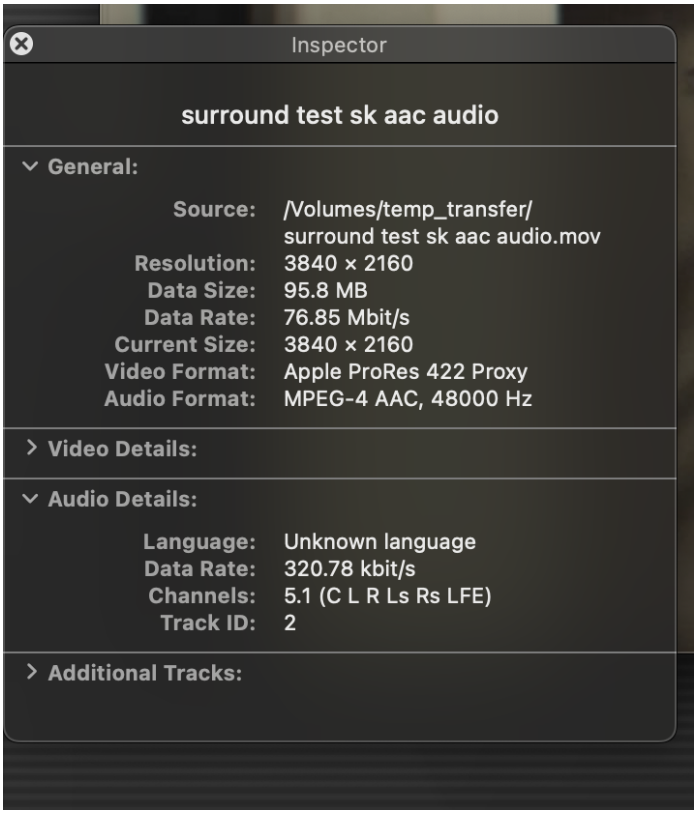
Audio tab set to Bus1 5.1	
Finally, if you are trying to **playout via VLC OR ARE ADDING CAPTIONS** you will need to change the timeline **Start Timecode** setting to start playback at 0 hour. Go to DaVinci Resolve locate the sequence you want to change in the Bin	
Right click it and >Timelines>Starting Timecode	
Set TimeCode to 00:00:00:00	

Choose to Start Render to create the QuickTIme	

Once the file renders open in Quicktime and choose

>Window>Show Movie Inspector



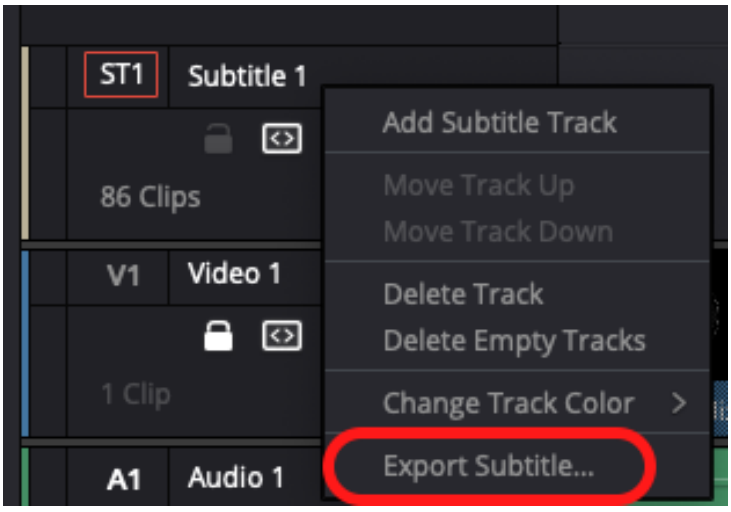
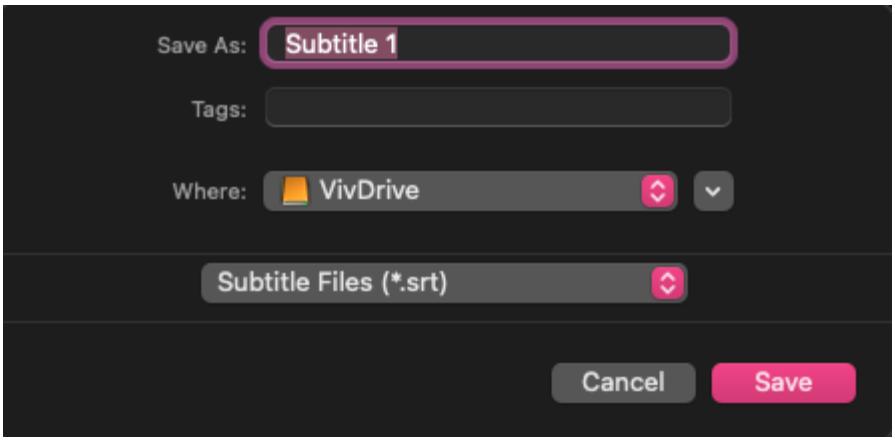


Should see audio settings as surround 5.1 (C, L, R, Ls, Rs, LFE)

Back in your timeline...

To export the generated subtitles as a .srt file, navigate to the subtitle track and right click

Click on Export Subtitle...



This menu should be called up Name your file and make sure you're saving it to the right destination Click Save