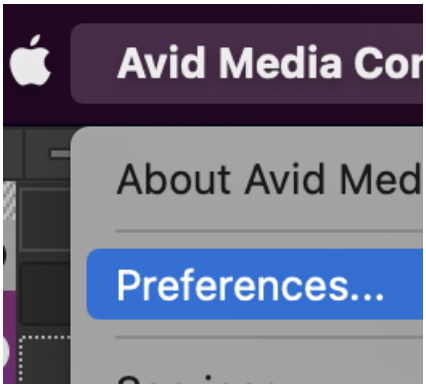
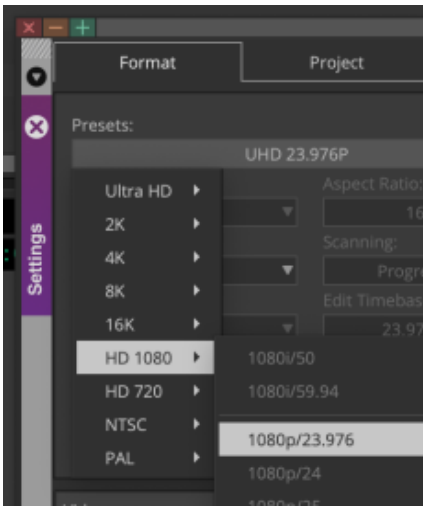
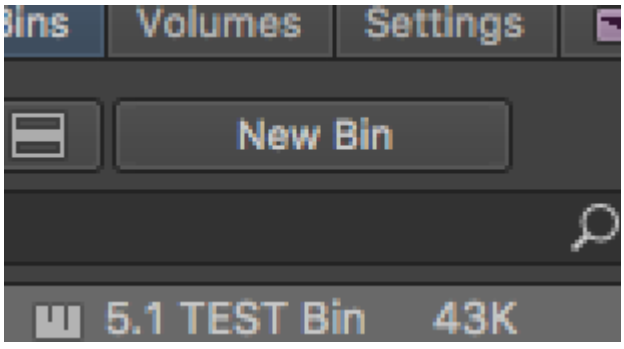
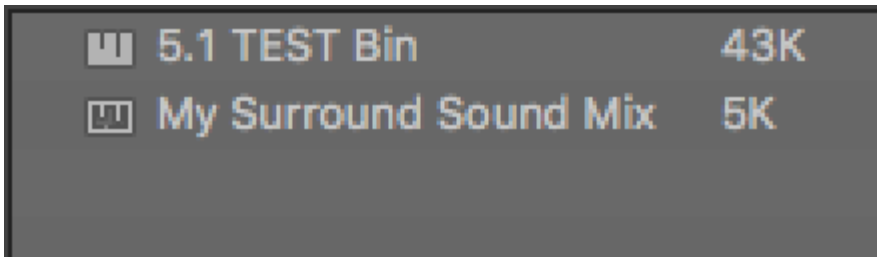
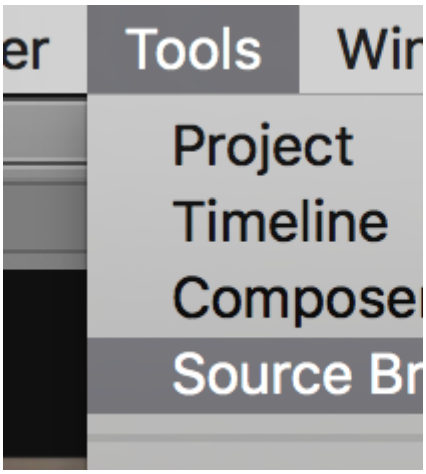
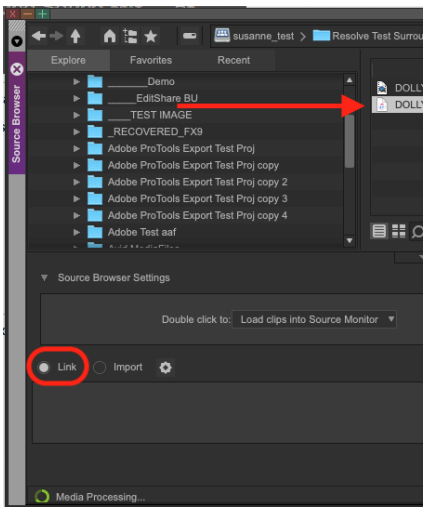
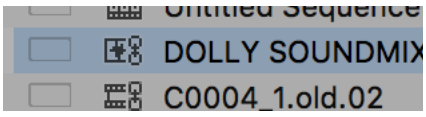
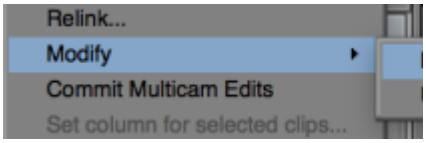
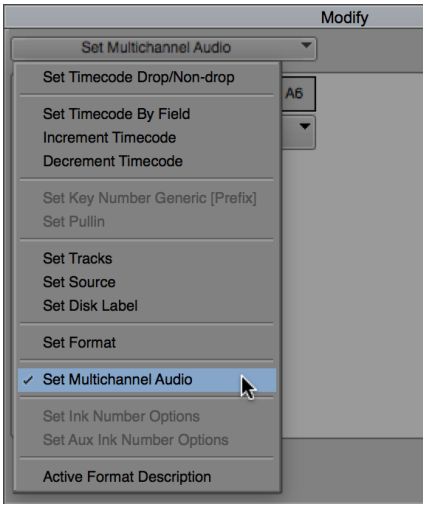
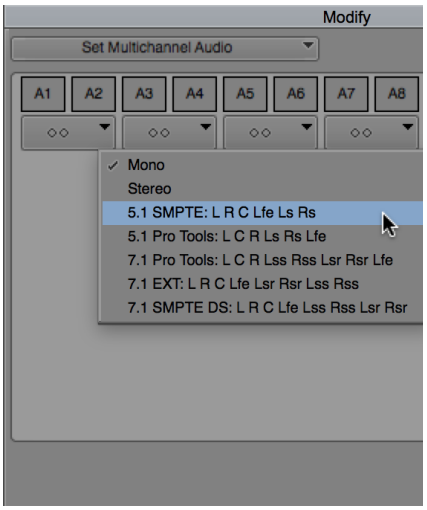
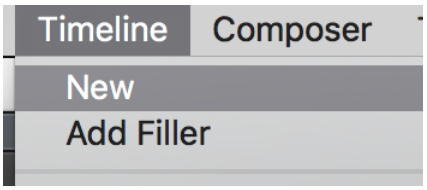
AVID - How to Make a 1080 Surround Sound QuickTime Using Your Interleaved Surround Sound Mix

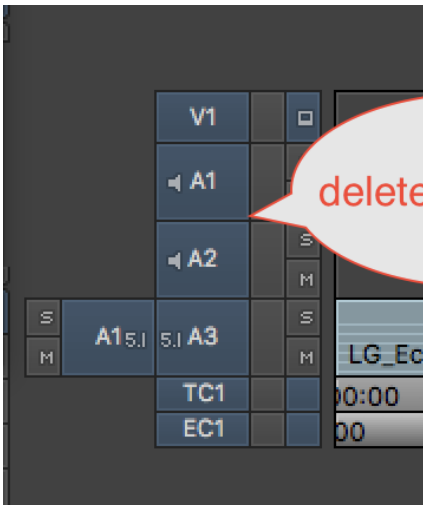
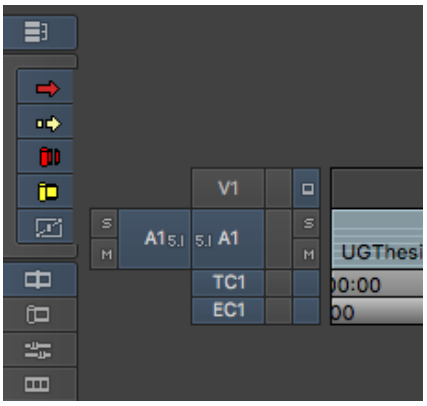
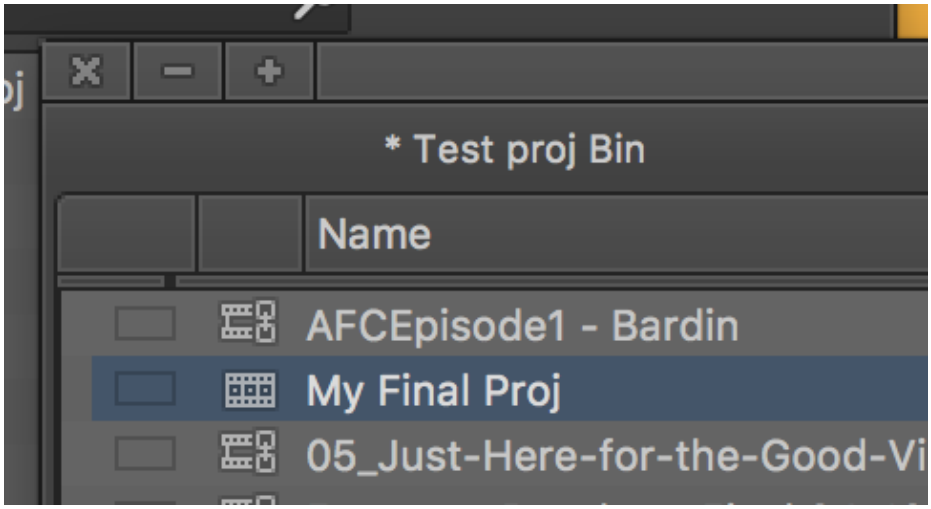
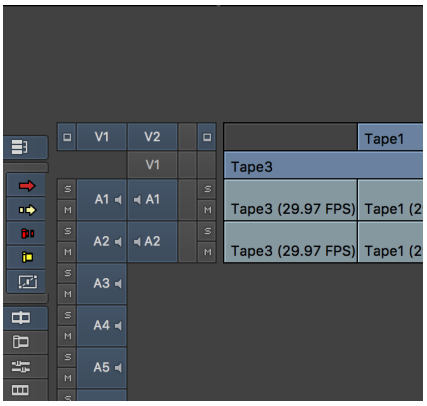
If your mixer did not give you "One" file that contains 6 channel but instead gave you 6 separate .wav files then use this workflow

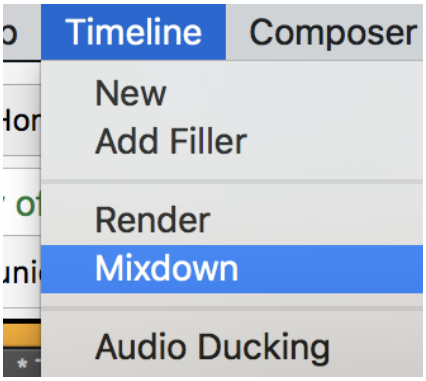
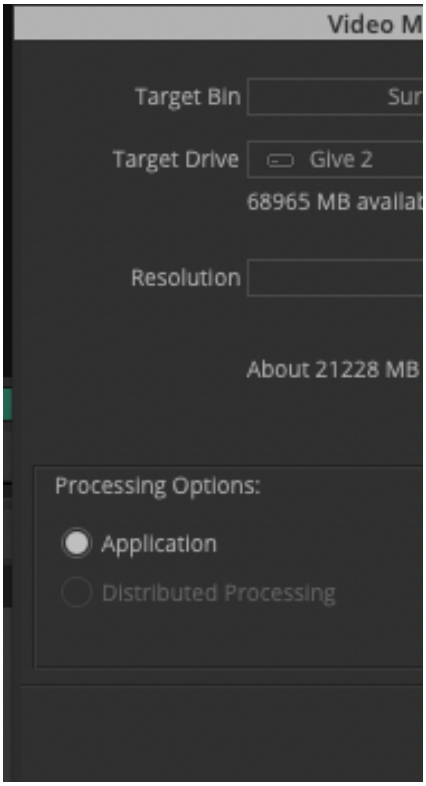
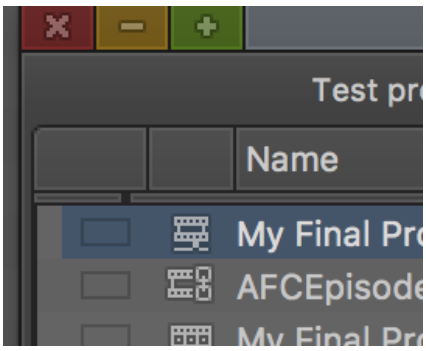
AVID - How to Make a 5.1 QuickTime Using 6 separate files Left, Right, Center, Lfe, Ls, Rs

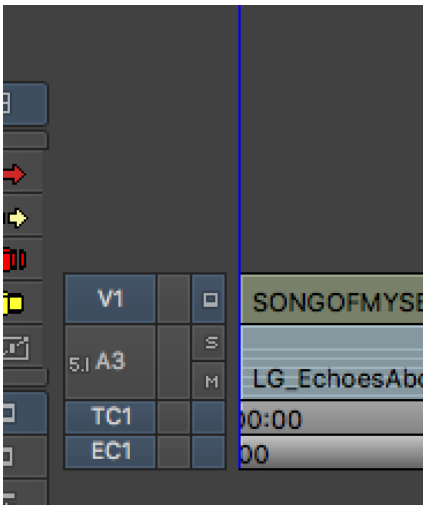
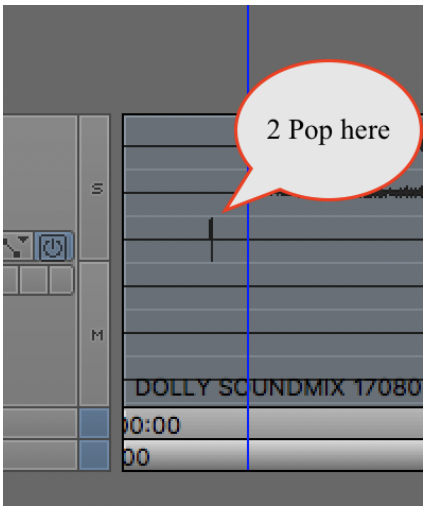
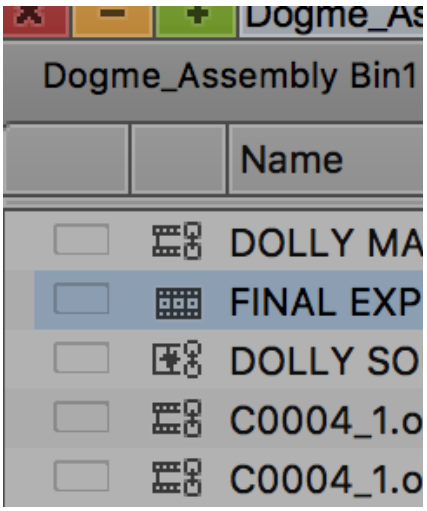
Open your AVID Project	
We need to change your project to 1080 resolution Go to AVID Media Composer>Preferences	
	
	Make a New Bin to import your surround sound

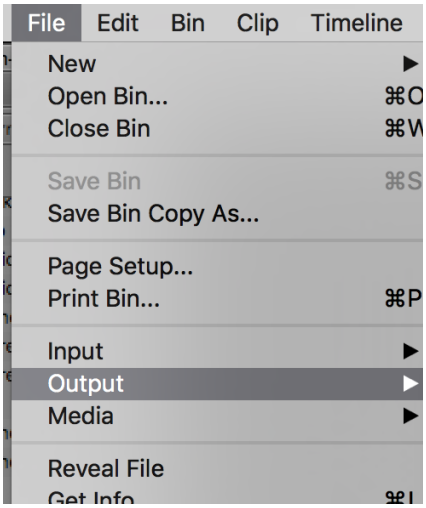
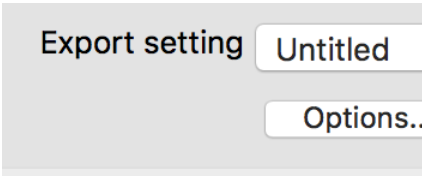
	Title the bin how you wish
Link to the Surround Interleaved file that you received from the mixer Go to >Tools>Source Browser>	
The file will be a 5.1 Full Mix.wav file Click on Link	
The file will appear in the bin	
Right click on that linked file in the bin and choose Modify > Modify Clip...	

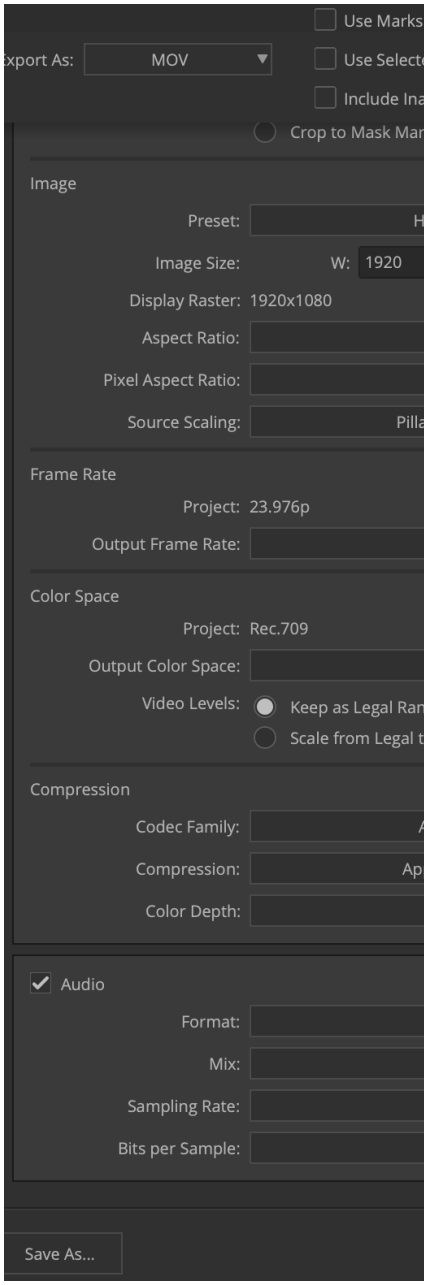
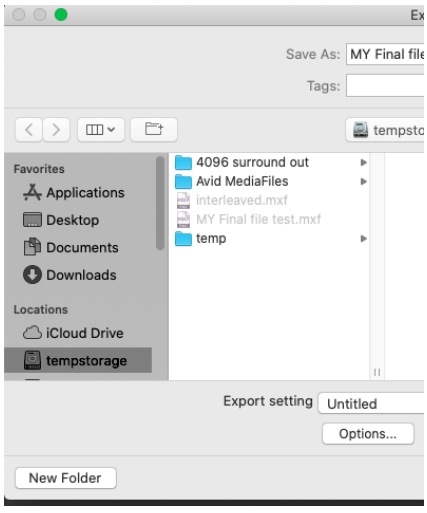
Choose Set Multichannel Audio from the drop down	
Choose 5.1 SMPTE: L R C Lfe Ls Rs	
When you load it into the source window the file will have a 5.1 icon on it shown here	
Create a new sequence and edit the 5.1 audio into the new timeline and then delete the other audio tracks that are automatically generated in the timeline	

delete the other audio tracks that are automatically generated in the timeline	
Edit the 5.1 audio file into this new timeline	
Next need to make your video file to overwrite the 5.1 audio file Select your final color corrected timeline in the bin and double click it to load it into the timeline interfacee 	

Next choose Timeline>Mixdown>Video	
Choose the bin in AVID you want to save the file Choose where the .MXF will be saved (your hard drive) Resolution DNxHD HQ	
You will end up with a file titled Video Mixdown after the title of your timelin	

Load that video mixdown clip into the source browser and edit that on to the newly created 5.1 timeline that contains the 5.1 audio.	
Check the Sync of the entire movie before exporting **Remove the 2POP from the timeline at the head and tail.**	
Export the timeline Select the Sequence to export that has the video mixdown with the 5.1 audio	

Go to >File>Output>Export to File	
Click on Options	

Choose mov Video choose HD 1920 x 1080 Frame Rate should be the frame rate of your project most common is 23.98 Color space Rec 709 Choose Keep at LegalRange Codec Apple ProRes 422 Audio choose 5.1 for surround sound Click Save	
Choose a place to save the file choose And Choose Save After the export please watch the file in a surround room to make sure the channels are routed properly. See this wiki How to Test a 5.1 QuickTime Movie in Surround Sound in Moody College