AVID - RED Linking and Transcoding workflow for Creating Offline Edit Project

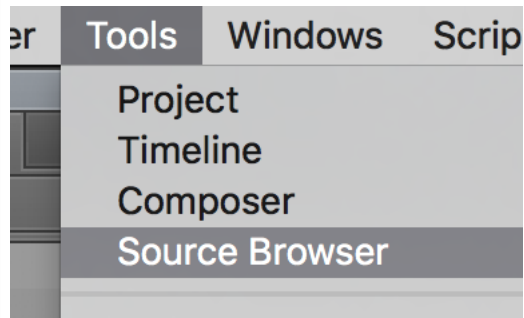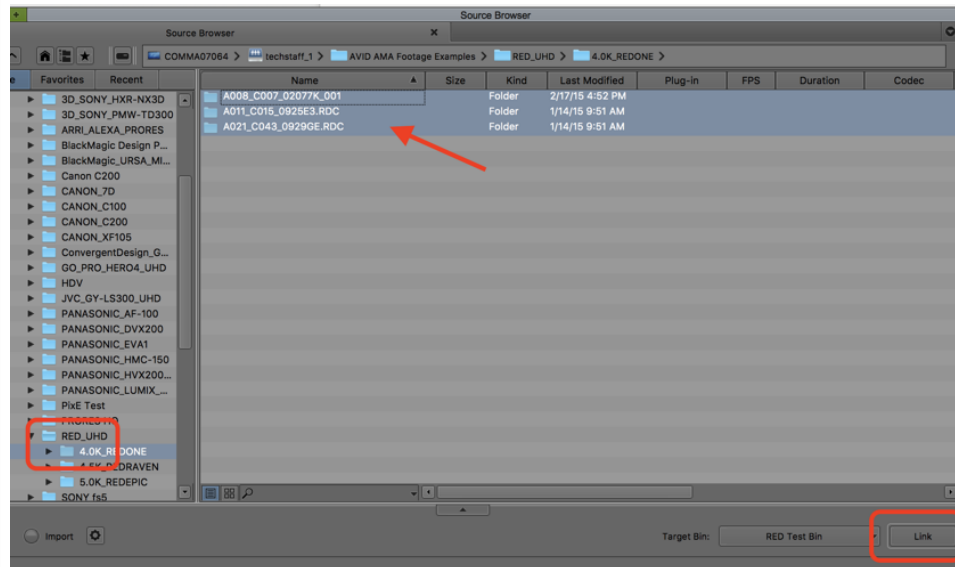|	
Step one is to create a AVID Project This window will allow you to set where you are setting the AVID project Choose the folder icon to select where the project will go Recommended - choose External and save to your external hard drive.	**Select Project** User: avid6 Folder: /Volumes/STORAGE 1/sktest/ User Profile: avid6 Select a Project: 23 98 red test batch capture Test ○ Private ○ Shared ● External New Project OK Quit
Create a "New Project" Name the project Choose the "Format" This MUST match what you shot If you shot 23.98 choose 23.98 if you shot 24 choose 24 IF YOU DON'T KNOW PLEASE ASK FOR HELP FIGURING THIS OUT. Choosing the wrong frame rate will cause failure of relinking to r3d files in Online.	**New Project** Project Name: New Project Format: 1080p/23.976 Aspect Ratio: 16:9 Color Space: YCbCr 709 Raster Dimension: 1920x1080 Stereoscopic: Off ☐ Film The selected raster dimension supports the following raster types: – Standard – XDCAM EX OK Cancel

In AVID Choose >Tools>Source Browser	
Choose your folder on the card or hard drive that has the RED footage and choose Link	
The files will load into a BIN Next access the source settings Right click the files in the bin and select Set Source setting	
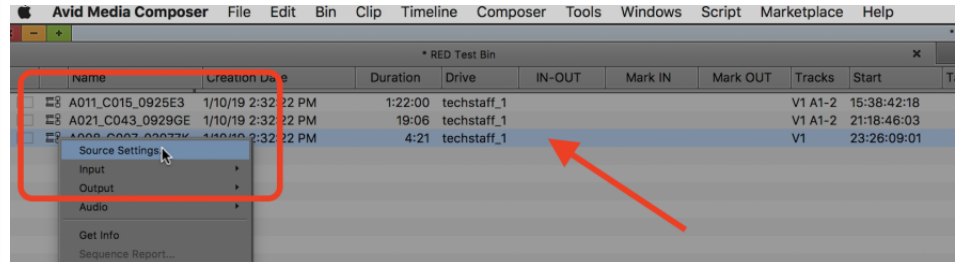
Set a lower R3D Source Quality Setting.

Choose Low Debayer Detail to speed up the transcode

You can manipulate the look of the file but it doesn't change the original files just adjusts the offline file

Click OK

Select all your clips in the bin to transcode

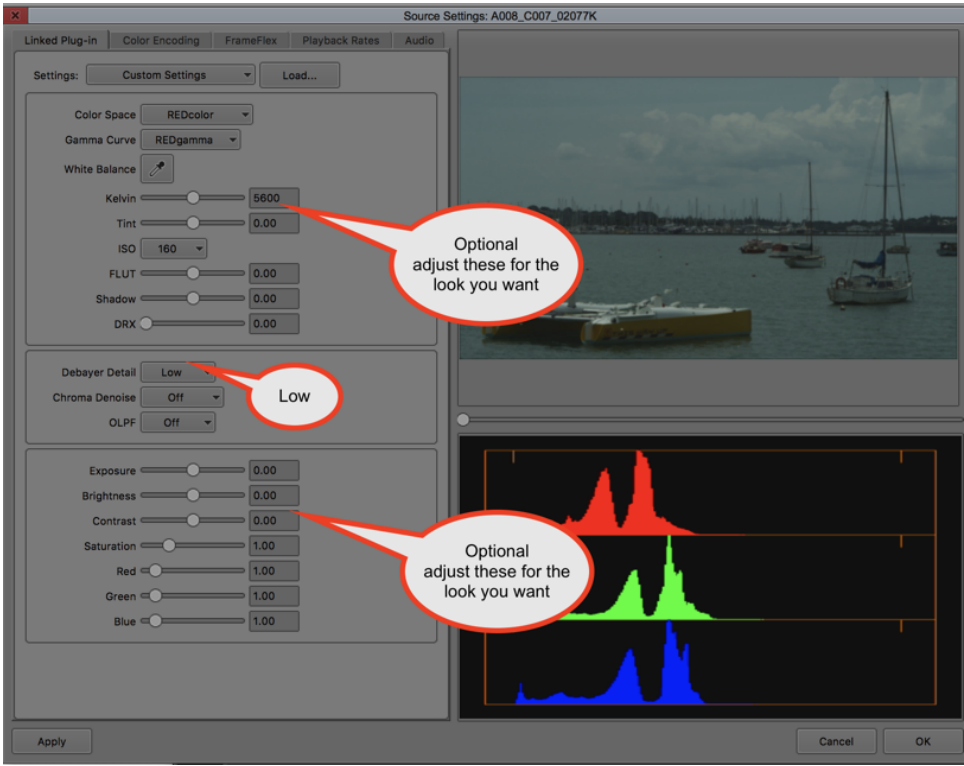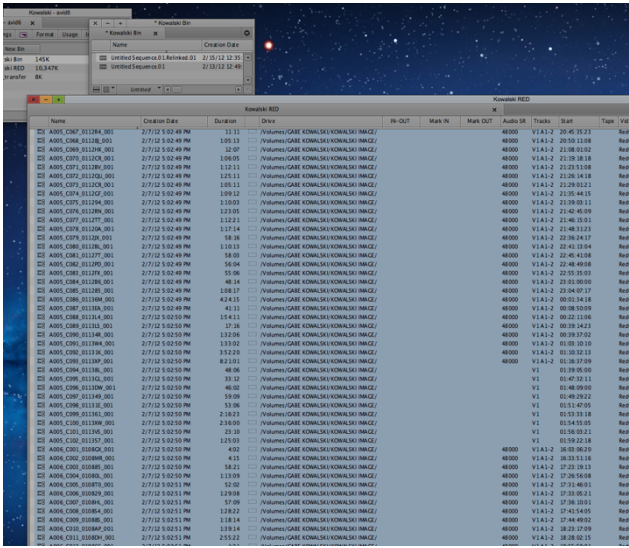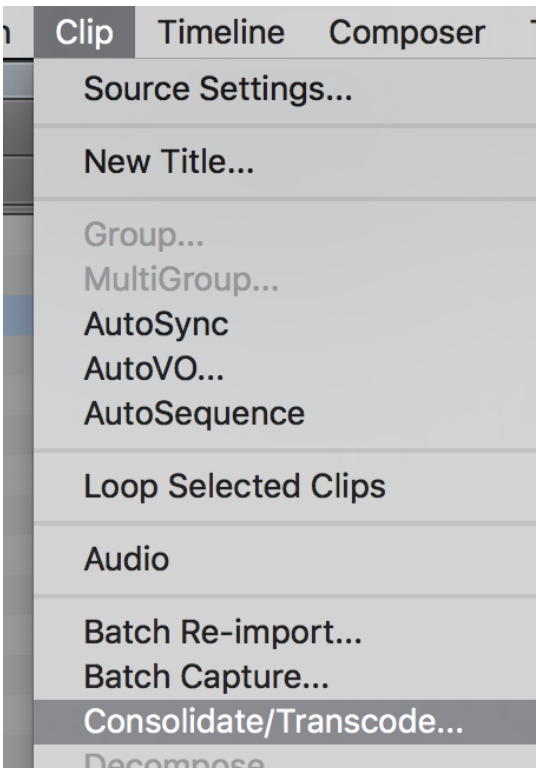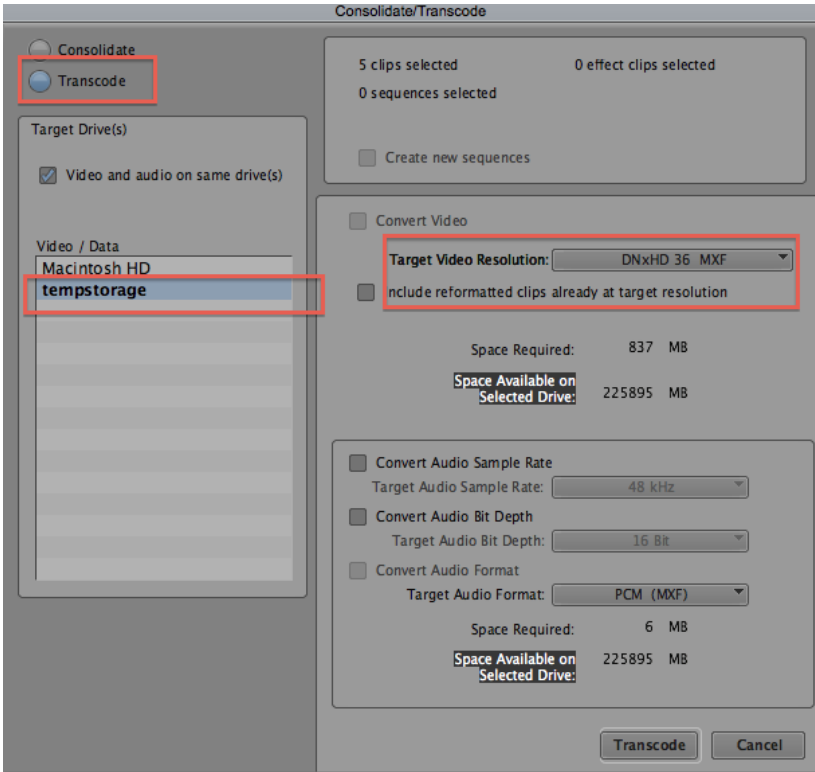|	
Go to >Clip >Consolidate /Transcode	**Clip** Timeline Composer Source Settings... New Title... Group... MultiGroup... AutoSync AutoVO... AutoSequence Loop Selected Clips Audio Batch Re-import... Batch Capture... Consolidate/Transcode... Decompose
Choose to "Transcode" Pick a drive to save the files to under the "Video/Data" setting Choose the "Target Video Resolution" Choose DnxHD 36 for offline quality Click "Transcode" to start transcoding After the transcode process is complete, new master clips are created in the bin that point to the transcoded media. Now you can edit your offline media.	**Consolidate/Transcode** ○ Consolidate ● Transcode 5 clips selected 0 effect clips selected 0 sequences selected Target Drive(s) ☑ Video and audio on same drive(s) ☐ Create new sequences Video / Data Macintosh HD **tempstorage** ☐ Convert Video Target Video Resolution: DNxHD 36 MXF ▼ ☐ Include reformatted clips already at target resolution Space Required: 837 MB Space Available on Selected Drive: 225895 MB ☐ Convert Audio Sample Rate Target Audio Sample Rate: 48 kHz ▼ ☐ Convert Audio Bit Depth Target Audio Bit Depth: 16 Bit ▼ ☐ Convert Audio Format Target Audio Format: PCM (MXF) ▼ Space Required: 6 MB Space Available on Selected Drive: 225895 MB [Transcode] [Cancel]
The Resulting clips will have the following settings. DNxHR LB is the codec and the clip aspect ratio is 2048 x 1080 at 23.976 fps. This is the original aspect ratio of the clip.	Name	Raster Dimension	Project	Format	Video A014C005_151214U2.new.01	2048x1080p	23891080	2048x1080p/23.976	DNxHR LB A014C017_1512158E	2048x1080p	23891080	2048x1080p/23.976	XAVC 4K Intra VBR Class 100 A014C015_151315OO	2048x1080p	23891080	2048x1080p/23.976	XAVC 4K Intra VBR Class 100

Move all the transcoded files to their own bin and close the AMA linked files bin because we will use that bin when we do the final conform to the "Native" files.	The next step is to organize the files by shoot day then use this wiki to sync the footage. https://wikis.utexas.edu/display/comm/AVID+-+Syncing+Audio
NOTE THIS IS THE OFFLINE PROJECT SETUP - YOU WILL NEED TO READ THIS WIKI FOR RELINKING TO THE "UNCOMPRESSED" FILES FOR FINAL CONFORM	AVID – How To Export an .aaf and QuickTime export to Davinci Resolve After Relinking to 2K or 4K Native files