AVID - Stereoscopic - How to AutoSync (Sync) 3D clips

File ingested media must be named appropriately with **left eye and right eye** and **S3D Channel and S3D group Name** information and **S3D Inversion** prior to transcoding
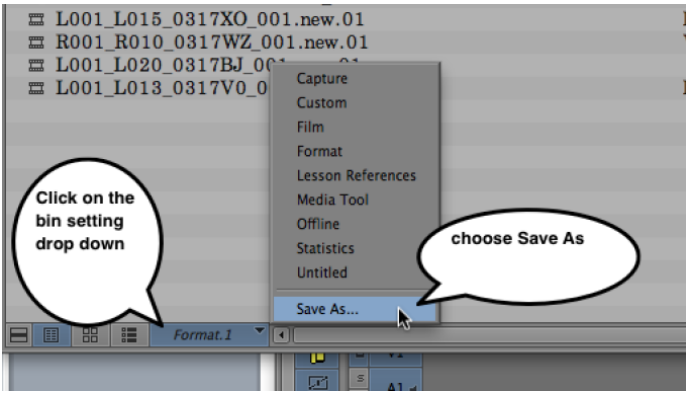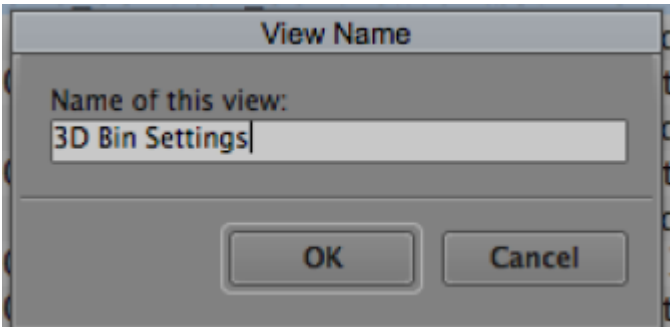In Master Clip Bin set up a bin setting that has all the S3D settings turned on
Text View

Bin>Choose Columns	
Choose All/None so that "None" settings are selected	
Next choose all the S3D settings available. *Optional* - You may also choose other columns that you want to add.	
Save as a bin setting to save time to use throughout your project Click on the bin settings and select "Save As"	
Save Bin setting as 3D Bin Settings or whatever you choose Click OK	

Now you can select the 3D settings on any bin	March 27 2PM Final Revision_1 .001_L015_0317XO_001.new.01 R001_R010_0317WZ_0 **3D Bin Settings** .001_L020_0317BJ_00 Capture .001_L013_0317V0_0 Custom Film Format Lesson References Media Tool Offline Statistics Untitled Save As... 3D Bin Settings ▾
Next set the "S3D channel " to left eye or right eye depending on the clip	at **S3D Channel** S3D Left Eye None Right Eye None Right Eye None Left Eye None Right Eye None Left Eye None Right Eye None
Make sure the root name of the clips is the same. Followed by -L or –R or Left or Right	**Name** 8A/1 8A/3 25B/5 SCENE 8A TAKE 1 – Right SCENE 8A TAKE 1_ – Left SCENE 8A TAKE 3 – Left SCENE 8A TAKE 3 – Right SCENE 25B TAKE 5 – Right SCENE25B TAKE 5 – Left
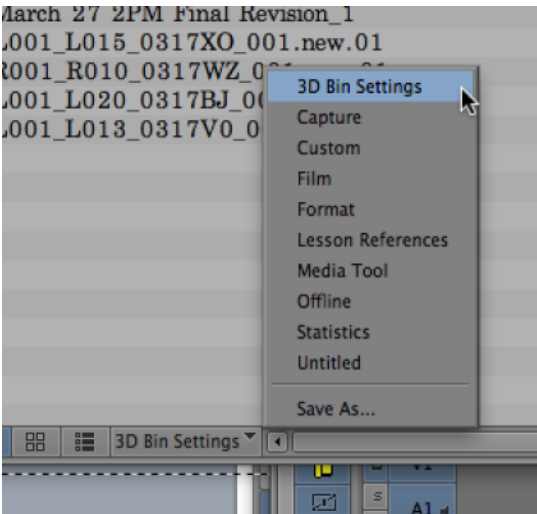
Select all the clips in the Master Clips bin and choose to Populate S3D Group Name automatically – this only works if you have left, right after the same clip root name.
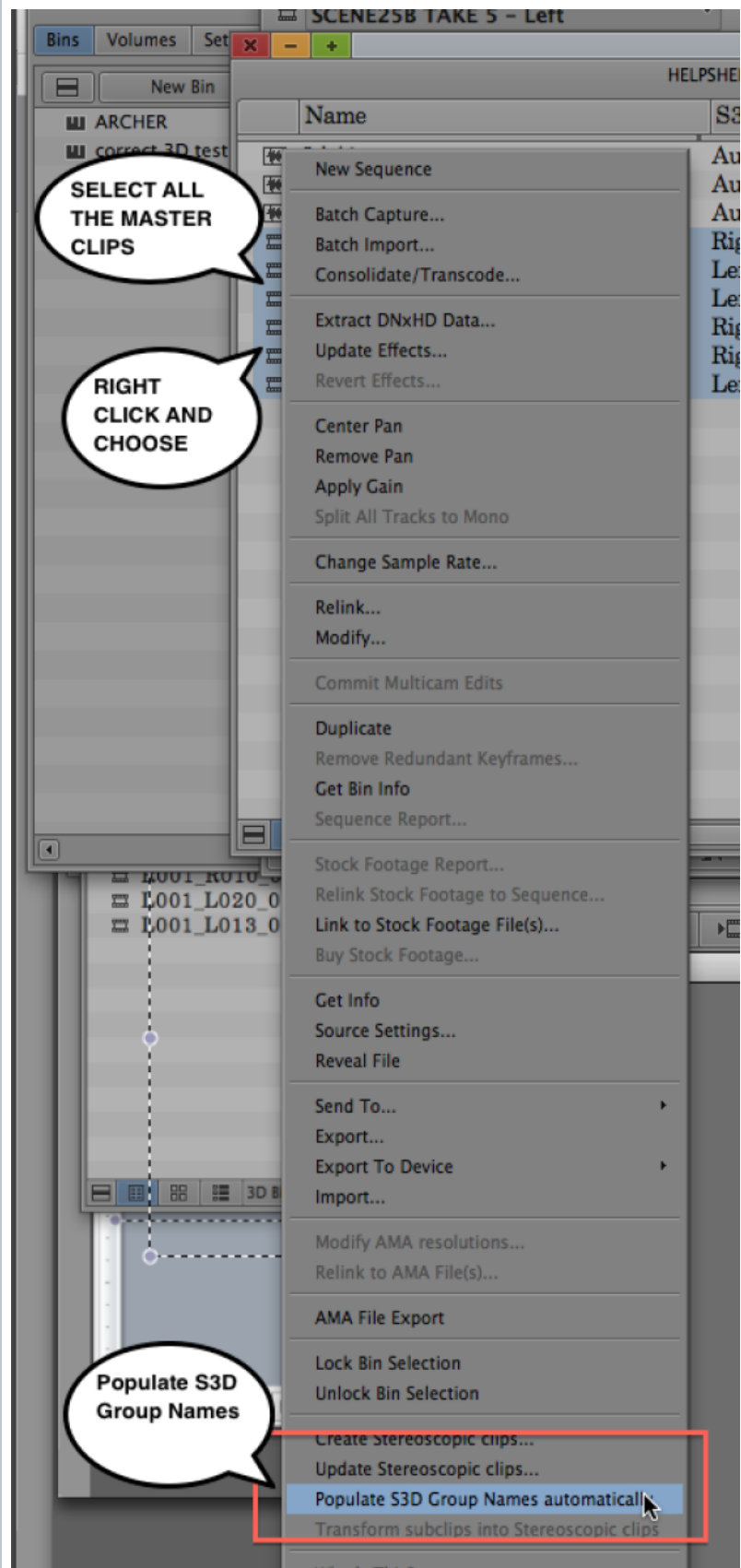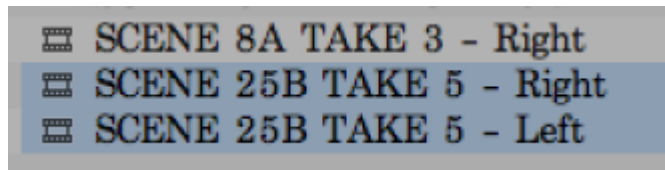
If you get this error then you names are not correct on the master clips. Double check the root names match	**Avid Media Composer** Unable to populate the stereoscopic group name on the clips Please refer to the console window for more details about the failure. OK
And then you might have to do this step matching pairs at a time. Ex: only do Scene 25B Take 5 Left and Right – Then S3d names should populate.	SCENE 8A TAKE 3 – Right SCENE 25B TAKE 5 – Right SCENE 25B TAKE 5 – Left
Make sure the .S3D Group names are all populated	**S3D Group Name** SCENE 8A TAKE 1 – Right.s3d SCENE 8A TAKE 1 – Right.s3d SCENE 8A TAKE 3 – Left.s3d SCENE 8A TAKE 3 – Left.s3d SCENE 25B TAKE 5 – Right.s3d SCENE 25B TAKE 5 – Right.s3d
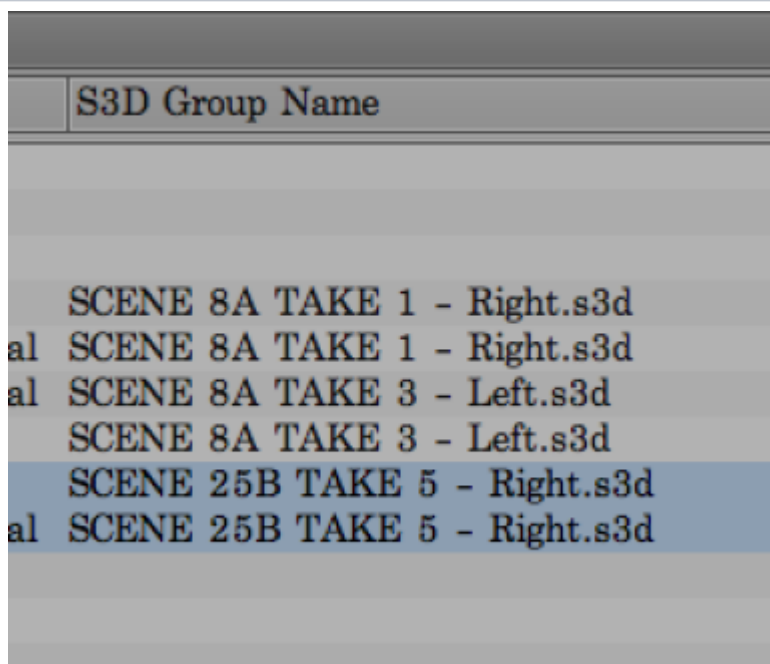
The Next step is to Consolidate and or Transcode your AMA footage

Select all your clips in the bin to Consolidate	
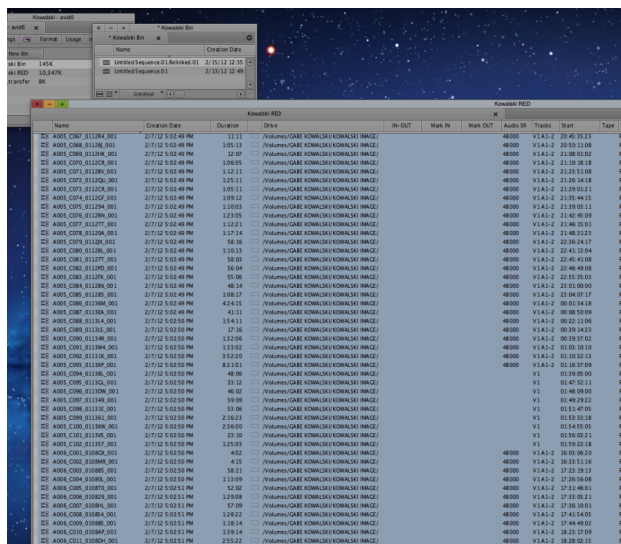
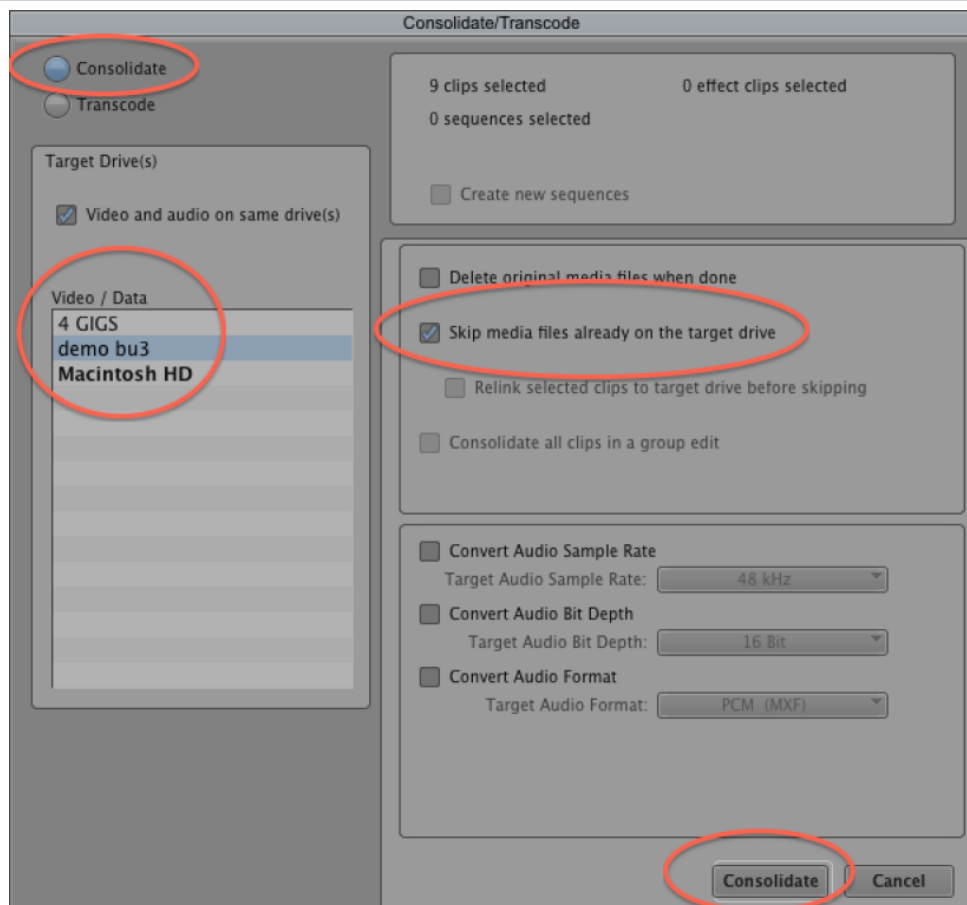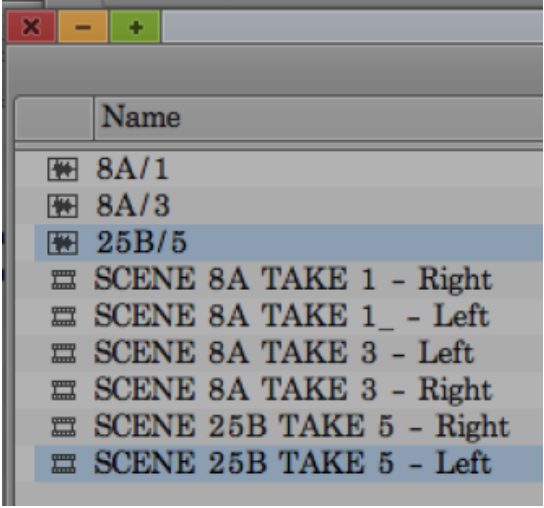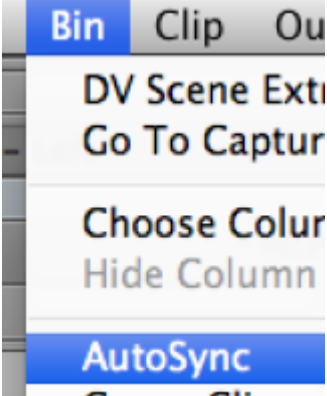|	
Go to >Clip >Consolidate/Transcode	**Clip** Output Special Tools Wind New Sequence ⇧⌘N New Video Track ⌘Y New Audio Track ▶ New Meta Track New Data Track New Title... Freeze Frame ▶ Center Pan Remove Pan Apply Gain Batch Capture... Batch Import... **Consolidate/Transcode...**
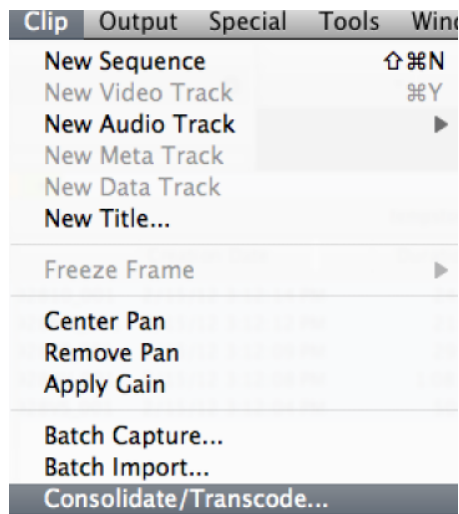
Choose to "Consolidate"
 	
Pick a drive to save the files to under the
"Video/Data" setting
 	
Choose the "Skip media already on the target drive"
 	
Click "Consolidate" to start processing of .mxf rewrap
 	
After the process is complete, new master clips are created in the bin that point to the "Consolidated" media.
At this point, you can take your original media offline by unmounting the AMA folder containing the source media.
Select File > Unmount.
	Consolidate/Transcode
	
	◉ Consolidate 9 clips selected 0 effect clips selected
	◯ Transcode 0 sequences selected
	
	Target Drive(s) ☐ Create new sequences
	
	☑ Video and audio on same drive(s)
	
	☐ Delete original media files when done
	Video / Data
	4 GIGS ☑ Skip media files already on the target drive
	demo bu3
	Macintosh HD ☐ Relink selected clips to target drive before skipping
	
	☐ Consolidate all clips in a group edit
	
	☐ 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)
	
	         Consolidate Cancel

Choose to Relink Master Clips to media on the target drive Click OK	 **Copying Media Files** ○ Keep Master clips linked to media on the original drive. ○ Relink Master clips to media on the target drive. Selected master clips will be relinked to the new media on the target drive. Master clips with a '.old' extension will be created and linked to the original media OK Cancel
AutoSync your "Leading Eye or Left Eye" ONLY with the double system workflow	Click Here to access the workflow for how to AutoSync
Sync only the Left Eye of all the clips and the corresponding audio	 Name 8A/1 8A/3 25B/5 SCENE 8A TAKE 1 – Right SCENE 8A TAKE 1_ – Left SCENE 8A TAKE 3 – Left SCENE 8A TAKE 3 – Right SCENE 25B TAKE 5 – Right SCENE 25B TAKE 5 – Left
Both clips need to be in the same bin and select both video and audio clips and choose > Bin > AutoSync	 **Bin** Clip Ou DV Scene Ext Go To Captur Choose Colur Hide Column AutoSync

In our example the timecode matches on both video and audio however ordinarily you will use in points	

Resulting will be a synced clip like this	

Change the S3D channel so that we will use the left eye that was just synced with the audio	

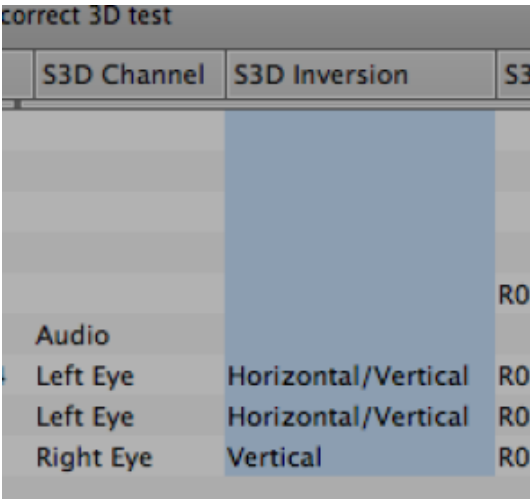|	
Next change the group name to the same group name of the "Right" eye. Right click on the S3D group name and copy it	

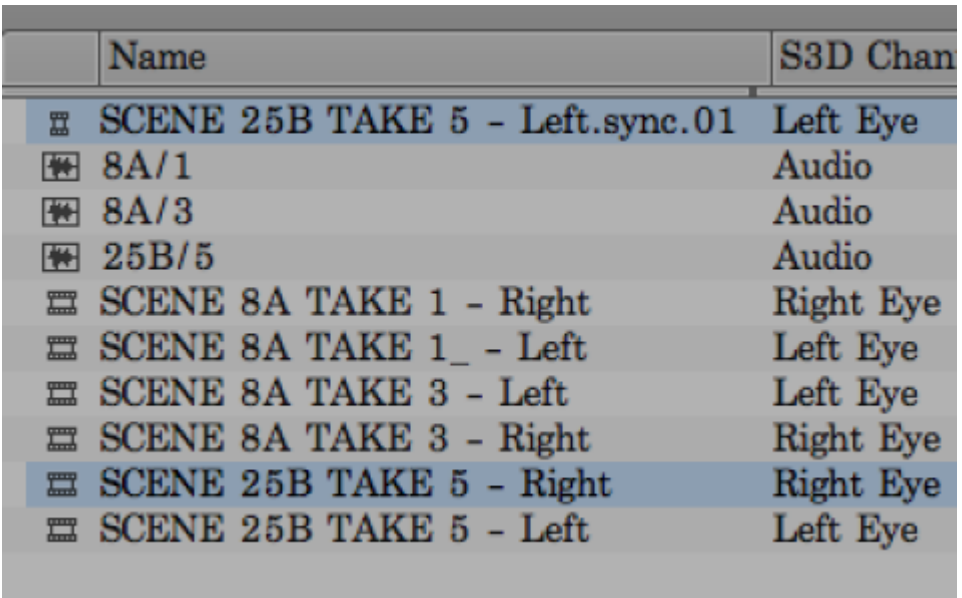|	
Paste the name in the autosynced subclips S3D group name so both the newly created "Left" eye synced with audio has the same group name as the "Right" eye	**HELPSHEET** ✕ ersionR S3D Inversion S3D Group Name S31 *paste the name in the autosynced subclips S3D Group Name* Undo ⌘Z Redo ⇧⌘Z Cut ⌘X Copy ⌘C Paste ⌘V Delete Select All ⌘A SCE SCE Horizontal/Vertical SCE Vertical SCE Vertical SCE Horizontal/Vertical SCE
Change the "S3D Inversion" Vertical and Horizontal if you shot with a Stereoscopic Rig Left change to Horizontal/Vertical Right change to Vertical	correct 3D test | S3D Channel	S3D Inversion	S3
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		RO
Audio		
Left Eye	Horizontal/Vertical	RO
Left Eye	Horizontal/Vertical	RO
Right Eye	Vertical	RO	
Select the autosynced "Left" eye and the matching "Right" eye		Name	S3D Chan
⊞ SCENE 25B TAKE 5 – Left.sync.01	Left Eye
✳ 8A/1	Audio
✳ 8A/3	Audio
✳ 25B/5	Audio
⊞ SCENE 8A TAKE 1 – Right	Right Eye
⊞ SCENE 8A TAKE 1_ – Left	Left Eye
⊞ SCENE 8A TAKE 3 – Left	Left Eye
⊞ SCENE 8A TAKE 3 – Right	Right Eye
⊞ SCENE 25B TAKE 5 – Right	Right Eye
⊞ SCENE 25B TAKE 5 – Left	Left Eye	
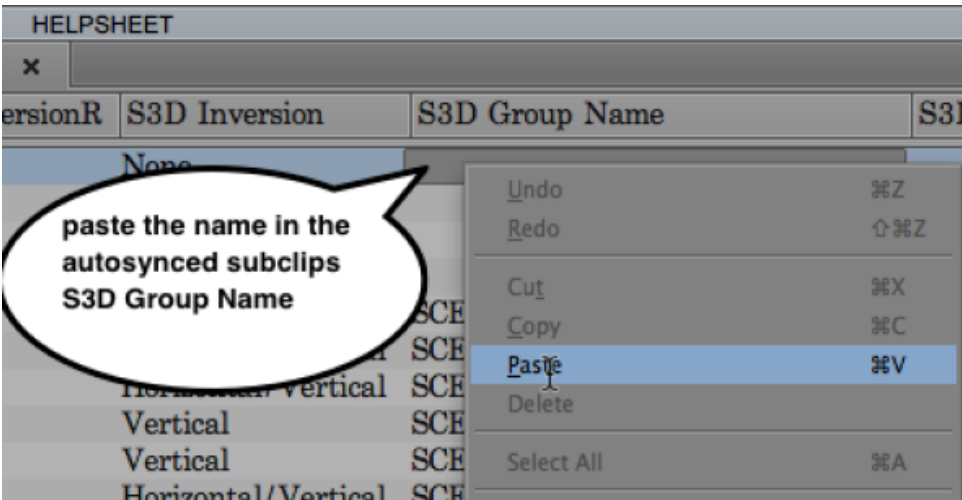
Right click on selected master clips in the bin and choose to "create stereoscopic clips"

Name

New Sequence

Batch Capture...
Batch Import...
Consolidate/Transcode...

Extract DNxHD Data...
Update Effects...
Revert Effects...

Center Pan
Remove Pan
Apply Gain
Split All Tracks to Mono

Change Sample Rate...

Relink...
Modify...

Commit Multicam Edits

Duplicate
Remove Redundant Keyframes...
Get Bin Info
Sequence Report...

Stock Footage Report...
Relink Stock Footage to Sequence...
Link to Stock Footage File(s)...
Buy Stock Footage...

Get Info
Source Settings...
Reveal File

Send To...   ▶
Export...
Export To Device   ▶
Import...

Modify AMA resolutions...
Relink to AMA File(s)...

AMA File Export

Lock Bin Selection
Unlock Bin Selection

Create Stereoscopic clips...
Update Stereoscopic clips...
Populate S3D Group Names automatically
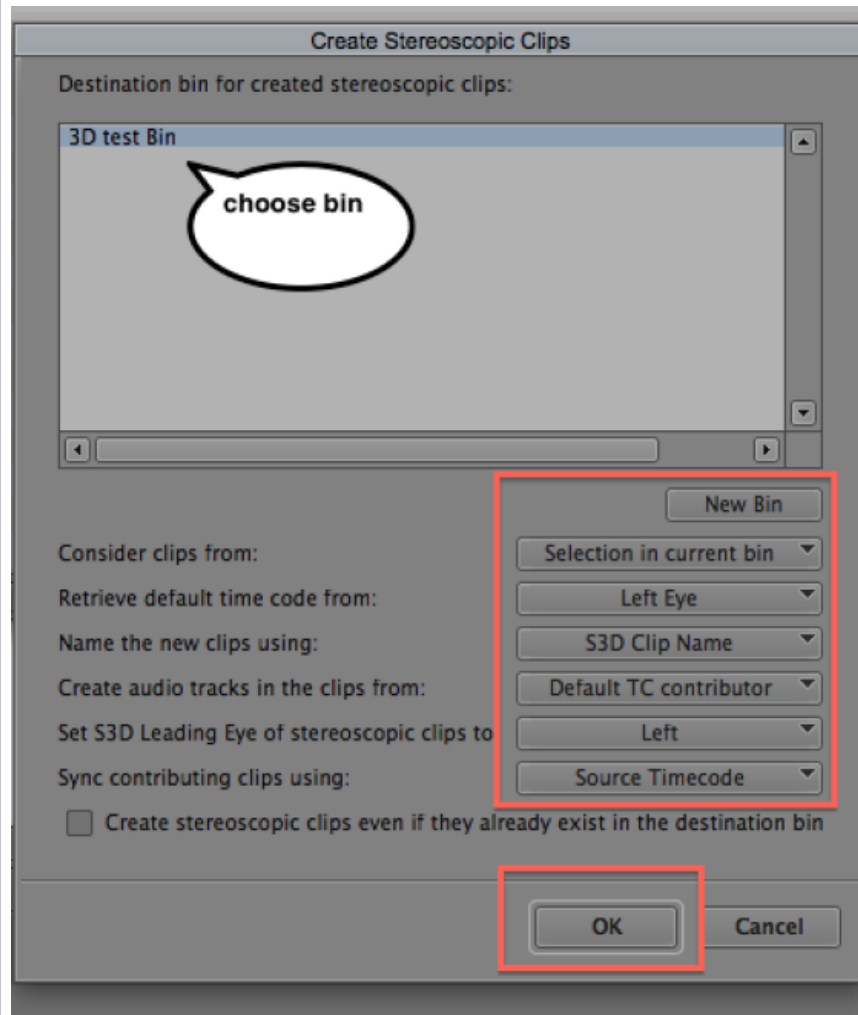
Chose a Bin to save the stereoscopic clips Match all the settings in this frame grab Name new clips using S3D Clip Name Leading Eye is Left and sync clips using Source Timecode Create audio from default TC Contributor Click OK	

That is it a stereoscopic clip or clips are made continue to use these clips as you would use any master clip in AVID.