

# Edit/Convert Zoom Recording Using AVS Software

V1b Milo Schield 8/1/2020

## **EDIT ZOOM VIDEO USING AVS VIDEO EDITOR AND AVS VIDEO CONVERTER**

Zoom records MP4:

\* video at 264kbps data rate, 318kbps bitrate and 25 frames/second.

\* audio at 53kbps bit rate, 32kHz sample rate, mono (1 channel).

### **AVS Video Editor to edit Zoom file:**

1. Import Zoom recording: MP4 format.

2. Select Trim.

Set start and stop times of section to be retained.

3. Select Produce.

Select MP4. Select Advanced

Set frame size at 1080x1920

Set frame rate at 20 fps [40% reduction from 30 fps]

Set Audio at Mono 16Khz

Name output: trimmed-1080x1920-20fps-M16k

Creates output file with M4V format. File may be twice the size of the original.

### **Convert M4V to MP4 using AVS Video Converter**

Open AVS Video Converter

1. Import M4V file.

2. Select "To MP4" as output

3. Select output directory and file name.

4. Select Profile/Advanced.

4a. Select Video/Video Codec/Advanced.

Select frame size: 1920x1080

Set bit rate at 725

Accept frame rate. Original

4b. Audio

Sample rate: 16,000 hz

Channels: Mono

5. Press "Convert Now"

## **CONVERT ZOOM AUDIO FROM M4A to MP3 using AVS AUDIO CONVERT**

Zoom records M4A audio at a bit rate of 53kbps.

To verify, right click on M4A audio file; select Properties.

Scroll down to Audio section; look for Bit rate.

Open AVS Audio Converter 7.3

1. Drag or copy the M4A file into FILES Section. 33.4KB

2. In FORMATS section, Pulldown Profile menu. Select Quality:

For all menu options: Sample Rate: 44.1 KHz. Sample size: 16 bit.

2.1 Best quality: Bit rate 320Kbps, Stereo.

2.2 Good quality: Bit rate 192Kbps, Stereo.

2.3 Standard quality: Bit rate 128Kbps, Stereo.

2.4 Economic quality: Bit rate 64Kbps, Mono.

3. Size: 1Best (195K/33K=6X); 2Good (117K/33k=4X),

3Standard (78/33K=2X), 4Economic (39k/33K=1X).

4. Press "Convert Now!" command button.

### **CONCLUSION FOR AUDIO:**

Can't tell difference between Economic and Best for lecture speaking.

Economic seems adequate for Zoom lectures with no (minimal) music.