VIDEO CAMERA SETTINGS AND DELIVERABLES

CAMERA SETTINGS

* 16X9 4K MINIMUM (6K/8K/12K optional)
	+ 4096 x 2160 4K DCI
	+ 3840 x 2160 UHD
* RECORDING IN
	+ RAW: PRORES RAW (12 BIT), REDCODE RAW (16-BIT), BRAW (12-BIT); 5:1 to 8:1 RATIOS)
	+ LOG, S-LOG, C-LOG (if RAW not an option)
	+ If RAW or LOG not an option, then PRORES 422 HQ (10 bit)

* 10 BIT Color Depth MINIMUM (4:2:2), 12BIT or higher also an option;
* 8 BIT Color Depth (4.2.0 / 4.1.1) NOT preferred for capture

FRAME RATE:

* 24 FPS - MOST CINEMATIC
* 23.976 FPS – DROP-FRAME CINEMATIC
* 29.97 FPS DROP-FRAME BROADCAST STANDARD
* 60, 120, 240, etc. SLO MOTION FPS– i.e. Ski Jumping, Water Skiing, Mountain Biking)

SHUTTER SPEED:

* 180° Shutter Angle - ALSO referred to as 1/48 OR 1/60 depending upon SHOOTING FRAME RATE commonly seen as:

AUDIO

* B-ROLL: Record natural sound on both channels with peaks at -18 dBFS (or 0dB -depending on the scale used) set to 48K/24bit or 48K/16bit if 24bit not available
* INTERVIEWS: using a suitable LAV mic or ShotGun mounted specifically for recording interviews
	+ Record interview Sound from LAV on channel 1 with peaks at -18 dBFS
	+ Record interview Natural Sound from Camera Mic on channel 2 with peaks at -18 dBFS

NAMING CONVENTION

EDITED FILES

Naming Convention: SEASON \_LOCATION\_EXPERIENCE\_4K/6K/HD.FORMAT

Examples:

* BRoll: Summer\_Drumheller\_Cenozoic The Rise of Mammals\_Royal Tyrrell Museum\_4K.MOV
* Commercials: Winter\_Métis Crossing\_TV30\_30 \_4K.FORMAT

RAW SHOOT FILES

Folder NAME: DATE\_ SEASON \_LOCATION\_ EXPERIENCE\_4k/6k/HD . FORMAT

RAW Camera Files in native format and convention as shot by camera.

Example:

* 22-01-22\_Winter\_Pincher Creek\_Snowshoeing\_4K
* 22-01-24\_Winter \_SOUTHERN ALBERTA \_4K
	+ /DAY\_01\_Castle Mountain
		- /Card\_01
		- /Card\_02
		- /Drone\_Card\_01
		- /Stills\_Card\_01

DELIVERABLES

COLOR GRADE

Final edits will be COLOR GRADED/CORRECTED to acceptable standards that suit the location/experience. All Proofs will have, at minimum, light color correction applied.

TIMECODE SCREENERS

All interview Screeners for clip selection purposes will have the video FILE NAME & TIMECODE burned onto the screen. All Final Deliverables should not have any Timecode Burn.

METADATA

Add KEYWORD & METADATA using ADOBE Bridge, Photoshop, Premiere, (XMP) etc. and include:

SEASON, LOCATION, EXPERIENCE / ACTIVITY:

* KEEP ANY EXIF CAMERA and GPS DATA WHEN EXPORTING
* Add in ANY Keywords regarding the activity / experience
	+ Example: SPRING, WATERTON, RED ROCK CANYON, HIKING
* ADD THE FOLLOWING METADATA (IPTC / Dublin Core):
	+ CREATOR Details
	+ DESCRIPTION of Video
	+ LOCATION where video shot

FOR BROADCAST: (MOST COMMON AT BROADCAST FACILITIES)

* 29.97fps Drop Frame
* Safe title: 90%
* MXF (0Pa1) (.mxf) XDCAM, HD422 @ 50Mbps AUDIO:PCM, 48kHz, 24-bit Stereo MINIMUM
* 8 CHANNEL Track allocation: 1:L 2:R 3:C 4:LFE 5:Ls 6:Rs 7:DV-L 8:DV-R (If no DV is available, a stereo mix of the commercial is required on tracks 7 and 8)
* QuickTime (.mov)-XDCAM, HD422 @ 50Mbps AUDIO:PCM, 48kHz, 24-bit Stereo MINIMUM, 8 CHANNEL: Track allocation: 1:L 2:R 3:C 4:LFE 5:Ls 6:Rs 7:DV-L 8:DV-R (If no DV is available, a stereo mix of the commercial is required on tracks 7 and 8)
* CLOSED CAPTION: 608 & 708 (29.97 DF) Embedded Preferred, Sidecar acceptable if embedding not an option.
* Colour space in compliance with Rec. ITU-R BT.709
* Audio commercial loudness: -24LKFS +/-1LU

FOR MML/DAM

EDITED Masters:

Naming Convention: SEASON \_LOCATION\_EXPERIENCE\_4K/6K/HD.(MOV)

APPLE PRORES 422 HQ

FOR YouTube, IG, SOCIAL MEDIA

Naming Convention: SEASON \_LOCATION\_EXPERIENCE\_SOCIAL\_SIZE.(mp4)

Format typically H264/265/MP4

1X1 = 1080X1080 MINIMUM

9X16 = 1080X1920 MINIMUM

Please include SRT file if asset contains voiceover

* Winter\_Métis Crossing\_Wildlife Viewing\_IG \_1x1.FORMAT

FOR PROOFING EDITS:

OPTIONS:

* Dropbox OR OTHER FILE SHARING LINK
* FRAME.IO (BUILT IN TO THE ADOBE CC SUITE NOW – Cloud-based collaboration platform)