



## Deliverables

Please contact [Featurespost@imax.com](mailto:Featurespost@imax.com) with any questions you may have.

### **SPECIFICATIONS FOR VISUALLY-IMPAIRED/AUDIO DESCRIPTION (AD) FILES:**

- .WAV files
- Standard: 24 bit / 48 KHz
- **Include 8 seconds of leader at the head and 2-pop at the tail**
- Frame Rate: 24-FPS film speed (NOT VIDEO SPEED)

### **SPECIFICATIONS FOR LIBRA FILES**

- .WAV files. **We cannot accept MP4 files. We can only accept wav files**
- Standard: 24 bit / 48 KHz
- **Include 8 seconds of leader at the head**
- Frame Rate: 24-FPS film speed (NOT VIDEO SPEED)

### **XML SUBTITLE SPECIFICATIONS:**

- XML delivery must adhere to the SMPTE 428-7:2010 or SMPTE 428-7:2014 standard
  - We cannot accept deliveries of SMPTE 428-7:2007 standard
- For 2D, **only 4K** PNG XML files are acceptable, see attached 2D example 4K PNG XML
- For 3D, **only 4K** PNG XML files with Z-Axis information are acceptable, see attached 3D 4K example PNG XML
- Timecodes in the file must reflect a start time from 00:00:00:00 as first frame of action, no 8 second leader should be included
- Each reel must have its own XML subtitle file
- Reel number in the "ReelNumber" XML header tag needs to reflect each actual reel number
- Unique UUID for each XML
- Frame rate must be 24fps
- For versions that require more than one language to be on screen at the same time (e.g. Chinese and English), both languages should be contained in the same PNG image
- Filenames should be lowercase and not contain any spaces (use an underscore instead) nor special characters like a period (.)
- We recommend providing a PDF of the dialogue script in conjunction with your delivery

### **Vertical Subtitle Requirements**

Depending on the IMAX picture aspect ratio when compared to the non-IMAX picture aspect ratio (regular digital cinema), there will be different requirements for the vertical sub position. Below is the table that outlines them. Prior to a title beginning versioning, IMAX will let the studio or the vendor know what it requires.

IMAX Aspect Ratio	Digital Cinema Aspect Ratio	IMAX Vertical Subtitle Positioning
Scope	Scope	Regular Digital Cinema Positioning
Flat	Flat	10% bottom align inside the XML.  QTs from IMAX should not be required since our picture aspect ratios match, but if you need them, please let us know.
IMAX Expanded Aspect Ratio to 1.90 ONLY (Scope 2.39/Flat 1.90 or the movie is entirely all Flat 1.90 in IMAX only)	Scope	1.90 flat picture: subs must be at 10% inside the XML.  2.39 scope picture: subs must be at 14% inside the XML.  IMAX will send QTs since our picture aspect ratios are different. Vendors must ensure subtitles do



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		not overlap against burned-in subtitles, locater cards, and important on-screen text/graphics.
IMAX Expanded Aspect Ratio to 1.43 laser squeeze ONLY (Scope 2.39/IMAX 1.43 or all IMAX 1.43).	Scope or Flat	<p>1.43 picture: subs must be at 7% in a 1.90 container inside the XML. If the filmmaker or production wants to position the subs higher, they can, but they should not go below 7%.</p> <p>2.39 scope picture: subs must be at 14% inside the XML.</p> <p>IMAX will send 1.90 QTs since our picture aspect ratios are different. Any picture in the 1.90 QT that expands to 1.90 should be considered 1.43 picture.</p> <p>Vendors must ensure subtitles do not overlap against burned-in subtitles, locater cards, and important on-screen text/graphics.</p>

### **CCAP SPECIFICATIONS:**

- SMPTE 428-7:2010 or SMPTE 428-7:2014 standard Time-Text files, w/font file. **For CCAP, we cannot accept PNGs w/ XML.**
- Separate font file for each reel.
- Timecodes in the file must reflect a start time from 00:00:00:00 as first frame of action, no 8 second leader should be included.
- Reel number in the "ReelNumber" XML header tag needs to reflect each actual reel number. Unique UUID for each XML
- Frame rate must be 24fps

### **INDIA SMOKING/DRINKING WARNINGS SPECIFICATIONS:**

- Please deliver India smoking and/or drinking warnings as a subtitle XML with timecodes included in the XML that match the specifications for subtitles listed above.
- The warnings should be delivered as a 4K PNG per the above subtitle spec requirements.
- If English subtitles are a requirement for a title's version release in India, the smoking/drink warnings should be merged with English subtitles as a single XML file.
- If the above requests are not completed, the distributor will be charged \$195 per hour for tech labor.

### **KAZAKHSTAN AND RUSSIAN FORCED NARRATIVES SPECIFICATIONS:**

- For full feature Kazakhstan subtitles, if IMAX is requested to merge Russian forced narratives with Kazakhstan subtitles, the distributor will be charged \$195.

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### **Delivery Contact for all picture and XML elements:**

For electronic delivery via IMAX Post's Aspera Dropbox:

[https://faspex.imax.com:443/aspera/faspex/send/to/shared\\_inbox/features\\_post\\_dropbox](https://faspex.imax.com:443/aspera/faspex/send/to/shared_inbox/features_post_dropbox)

Notification emails to: [featurespost@imax.com](mailto:featurespost@imax.com), [io@imax.com](mailto:io@imax.com), [dmr@imax.com](mailto:dmr@imax.com)