**Shell Tube - Specs**

Audio and video media files are played through a HTML5 Player.

Shell Tube player supports files with following properties:

* Video: .MP4
* Audio: .WMA
* Video Codec: H-264-MPEG-4 AVC
* Audio Codec: MPEG AAC Audio (mp4a)
* Maximum file size: 100 MB

**Recommended Settings**

**Video**

* Video Resolution: 1024\*576
* Data rate: 1967kbps (approx.)
* Total bitrate: 2094kbps(approx.)
* Frame rate: 25 frames/second
* Video Codec : H-x264
* Decoded Format: Planar 4:2:0 YUV
* Video should be set in Web Optimised mode i.e. "FastStart" option for the video should be enabled \*\*\*

**Audio**

* Bit rate: 129kbps/126kbps/128kbps
* Codec: MPEG AAC audio(mp4a)
* Sample rate:44100 Hz​

\* Files with other formats may not be stored in Shell Tube and will be deleted.

\*\* The video/audio file limit is 100 mb due to accessibility and environmental constraints. This maximum file size is a standard one for SharePoint portals in Shell. There’s no workaround that would allow uploading a bigger file. You need to encode video anew in a smaller size that meets requirements of Shell Tube. You can find out [here](http://sww.shell.com/help/shell_tube/video_audio_help.html#_Encoding_Videos) how to do it.

\*\*\* MP4 video file as progressive download in that the moov atom needs to be located at the beginning of the file, or else the entire file will have to be downloaded before it begins playing. The moov atom is a part of the file that holds index information for the whole file. Any Video /DVD Converter new version add Flatten and add Faststart to MP4 file option to play back MP4 video in the stream way. With this function, the moov atom is located at the beginning of the file which can let the video begin playing before the entire video will to be downloaded​

**Captions (vtt file):**

Any videos on Shell websites require close captions. English captions are the standard for corporate or global initiatives.

The .vtt extension and contain caption information relating to a video file – vtt file can be edited with text editor (such as Notepad) and contain time values (in ms) that specify when each caption should be display.

Naming convention for vtt file: Do not include white spaces or special characters in the filename. Use underscores if needed.

**Accessibility transcript:**

All video’s (no exceptions) must be accompanied by an accessibility transcript. Format text file.