

TECHNICAL REQUIREMENTS: STANDARD DEFINITION

TAPE MEDIUM:

We request programs be delivered in an anamorphic 16x9 standard ([see glossary](#)), however, the broadcast ratio we will use for telecast will be confirmed by the CBC Creative Head or their delegate.

If your program will be delivered in a standard other than anamorphic 16x9, please confirm an acceptable standard with CBC Creative Head or their delegate in advance of delivery.

From The Toronto Broadcast Centre, our programming is broadcast on SONY DIGITAL BETACAM tapes or its equivalent. If you intend to deliver your program in another standard please contact us in advance of your delivery date. Please send only your final broadcast tape to the CBC; do not send VHS or other non-broadcast tapes to this office.

TIME CODE:

Drop-frame time code is the standard used at CBC, since it allows tape time to run perfectly in sync with real time. On tapes delivered to CBC, time code must be continuous and uninterrupted beginning at 10:00:00:00 (hours, minutes, seconds, frames).

AUDIO:

The CBC standard audio level is -20 dbfs (full scale). Currently we broadcast the majority of our programming in stereo. For regions of the country that cannot receive a stereo feed, the two stereo tracks are collapsed to a mono track during transmission. For transmission purposes please provide the main audio tracks on channel one and two. The audio channels should be configured as follows:

- » Channel 1 – Stereo Left
- » Channel 2 – Stereo Right
- » Channel 3 – Blank (mono Described Video)
- » Channel 4 – Blank

If your production is not available in stereo, please deliver the show with the same mono signal on channel one and two as follows:

- » Channel 1 – Mono
- » Channel 2 – Mono
- » Channel 3 – Blank
- » Channel 4 – Blank

DESCRIBED VIDEO:

We accept delivery with the mono described video signal recorded on Channel 3 of your master tape.

VERTICAL INTERVAL:

No data or test signals shall be encoded on either field of vertical interval lines 7 through 22 inclusive without prior consent of CBC. Permitted exceptions are vertical interval time code on lines 12 through 17 inclusive and line 21 field 1 which may be used for English language CC1 captions. Text and XDS data are not permitted without prior consent.

CLOSED CAPTIONING:

When Closed Captioning is part of delivery requirements, closed captions must meet CBC technical standards. The base of the captioning signal must rest between 0 and 2 IRE (digital or analog). In addition, the captions must decode correctly when using any of our benchmark decoders: EEG EN270-600 (or higher), EEG EN470, Evertz 8074. Failure to decode correctly on any of these decoders will delay program acceptance.