CONSTRAINTS ON REFERENCE PICTURE LISTS

CROSS REFERENCE TO RELATED APPLICATIONS

[001] This application is based on International Patent Application PCT/US2021/027963, filed on April 19, 2021, which claims the priority to and benefits of U.S. Provisional Patent Application No. 63/012,713, filed on April 20, 2020. All the aforementioned patent applications are hereby incorporated by reference in their entireties.

TECHNICAL FIELD

[002] This patent document relates to image and video coding and decoding.

BACKGROUND

[003] Digital video accounts for the largest bandwidth use on the internet and other digital communication networks. As the number of connected user devices capable of receiving and displaying video increases, it is expected that the bandwidth demand for digital video usage will continue to grow.

SUMMARY

[004] The present document discloses techniques that can be used by video encoders and decoders for processing coded representation of video using various rules of syntax.

[005] In one example aspect, a video processing method is disclosed. The method includes performing a conversion between a video comprising one or more pictures comprising one or more subpictures and a bitstream of the video, wherein the bitstream conforms to a format rule that specifies that a subpicture cannot be a random access type of subpicture in response to the subpicture not being a leading subpicture of an intra random access point subpicture, and wherein the leading subpicture precedes the intra random access point subpicture in output order.

[006] In another example aspect, a video processing method is disclosed. The method includes performing a conversion between a video comprising one or more pictures comprising a plurality of subpictures and a bitstream of the video, wherein the bitstream conforms to a format rule that specifies that a first subpicture precedes a second subpicture in a recovery point picture in an