CLAIMS

~~What is claimed is:~~

1. A method for coding video data, executable by a processor, comprising:

receiving video data comprising a current picture and one or more other pictures;

checking a first flag corresponding to whether the current picture is referenced by the one or more other pictures in a decoding order;

checking a second flag corresponding to whether the current picture is output; and

decoding the video data based on values corresponding to the first flag and the second flag, wherein a value of the second flag is inferred based on a value of the first flag.

2. The method of claim 1, wherein the first flag and the second flag are signaled in a picture header or a slice header associated with the video data.

3. The method of claim 1, wherein the current picture is discarded based on the first flag being set to one and the second flag being set to zero.

4. The method of claim 1, wherein the first flag corresponds to whether the current picture is referenced for motion compensation or parameter prediction.

5. The method of claim 1, wherein the second flag corresponds to whether the current picture cropped and output for display or other purposes.

~~6. The method of claim 1, wherein a value of the second flag is inferred based on a value of the first flag.~~

~~7~~6. The method of claim ~~6~~1, wherein the value of the second flag is inferred at the encoder side or at the decoder side.

~~8~~7. A computer system for coding video data, the computer system comprising:

one or more computer-readable non-transitory storage media configured to store computer

program code; and

one or more computer processors configured to access said computer program code and operate as instructed by said computer program code, said computer program code including:

receiving code configured to cause the one or more computer processors to receive video data comprising a current picture and one or more other pictures;

first checking code configured to cause the one or more computer processors to check a first flag corresponding to whether the current picture is referenced by the one or more other pictures in a decoding order;

second checking code configured to cause the one or more computer processors to check a second flag corresponding to whether the current picture is output; and

decoding code configured to cause the one or more computer processors to decode the video data based on values corresponding to the first flag and the second flag, wherein a value of the second flag is inferred based on a value of the first flag.

~~9~~8. The computer system of claim ~~8~~7, wherein the first flag and the second flag are signaled in a picture header or a slice header associated with the video data.

~~10~~9. The computer system of claim ~~8~~7, wherein the current picture is discarded based on the first flag being set to one and the second flag being set to zero.

~~11~~10. The computer system of claim ~~8~~7, wherein the first flag corresponds to whether the current picture is referenced for motion compensation or parameter prediction.

~~12~~11. The computer system of claim ~~8~~7, wherein the second flag corresponds to whether the current picture cropped and output for display or other purposes.

~~13. The computer system of claim 8, wherein a value of the second flag is inferred based on a value of the first flag.~~

~~14~~12. The computer system of claim ~~13~~7, wherein the value of the second flag is inferred at the encoder side or at the decoder side.

~~15~~13. A non-transitory computer readable medium having stored thereon a computer program for coding video data, the computer program configured to cause one or more computer processors to:

receive video data comprising a current picture and one or more other pictures;

check a first flag corresponding to whether the current picture is referenced by the one or more other pictures in a decoding order;

check a second flag corresponding to whether the current picture is output; and

decode the video data based on values corresponding to the first flag and the second flag, wherein a value of the second flag is inferred based on a value of the first flag.

~~16~~14. The computer readable medium of claim ~~15~~13, wherein the first flag and the second flag are signaled in a picture header or a slice header associated with the video data.

~~17~~15. The computer readable medium of claim ~~15~~13, wherein the current picture is discarded based on the first flag being set to one and the second flag being set to zero.

~~18~~16. The computer readable medium of claim ~~15~~13, wherein the first flag corresponds to whether the current picture is referenced for motion compensation or parameter prediction.

~~19~~17. The computer readable medium of claim ~~15~~13, wherein the second flag corresponds to whether the current picture cropped and output for display or other purposes.

~~20. The computer readable medium of claim 15, wherein a value of the second flag is inferred based on a value of the first flag~~