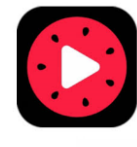


JVET-AD0127

Non-EE2: Harmonization between IBC HMVP and IBC-LIC

Na Zhang, Kai Zhang, Li Zhang
ByteDance Inc.



Summary

■ Motivation

- *In ECM, the inter LIC flag can be inherited from a HMVP candidate.*
- *However, the IBC-LIC flag is not inherited from an IBC HMVP candidate.*

■ Proposed method

- *The IBC-LIC flag can be inherited from an IBC HMVP candidate to harmonize IBC HMVP and IBC-LIC similar to the inter LIC case.*

Simulation results

	All Intra Main 10				
	Over ECM-8.0				
	Y	U	V	EncT	DecT
Class F	-0.31%	-0.30%	-0.21%	99%	101%
Class TGM	-0.05%	0.00%	0.00%	101%	101%
	Random Access Main 10				
	Over ECM-8.0				
	Y	U	V	EncT	DecT
Class F	-0.26%	-0.48%	-0.24%	99%	99%
Class TGM	-0.02%	0.01%	0.00%	100%	99%

Conclusion

- The proposed method can bring some coding gain with almost no coding time change.
- It is simple and direct.
- It is recommended to adopt this method into the next version of ECM.