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| **Joint Collaborative Team on 3D Video Coding Extension Development**  **of ITU-T SG 16 WP 3 and ISO/IEC JTC 1/SC 29/WG 11**  2nd Meeting: Shanghai, CN, 13–19 Oct. 2012 | Document: JCT3V-B0024 |

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| *Title:* | **CE4 Summary Report : RD-Optimization** | | |
| *Status:* | Input Document | | |
| *Purpose:* | Report | | |
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| *Source:* | CE coordinators | | |

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# Abstract

A summary of proposals and cross-check results of CE4 is reported.

# Introduction

A summary of proposals and cross-check results of CE4 is reported.

## Mandates

The mandates of this core experiment were as follows:

1. To find out optimal values for the weighting factors in the proposal JCT2-A0119, the SW implementation of which will be provided in the 3DV-HTM.
2. To investigate ways to further improve the anchor RD-optimization scheme (i.e., VSO ) by combining the scheme proposed in JCT2-A0057.

## Participants

Participants with proposals or cross-checks at this meeting in CE4 are as follows:

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| --- | --- | --- |
| ***Participant*** | ***Contact*** | ***Email*** |
| LG | Jiwook Jung  Sehoon Yea | [jiwook.jung @lge.com](mailto:sehoon.yea@lge.com)  [sehoon.yea@lge.com](mailto:sehoon.yea@lge.com) |
| MERL | Tian Dong | [tian@merl.com](mailto:tian@merl.com) |

# List of input documents

A total of 2 input contributions were gathered in this category, among which was 1 proposal.

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| **Participants** | **Doc No.** | **Title** | **Type** |
| LG | [JCT-3V-B0131](http://phenix.it-sudparis.eu/jct2/doc_end_user/current_document.php?id=19) | CE4.h Results on Depth distortion metric with a weighted depth fidelity term | Proposal |
| MERL |  |  | Cross-Check |
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# Summary of proposals & results

# Closing Remarks

It is recommended the CE be continued and investigate proposed designs in further details.