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# Introduction

This document summarises the slide deck prepared by the BBC for an overview of the Hybrid Log-Gamma (HLG) transfer function for high dynamic range imaging. The HLG system has already been introduced in documents m36249 and briefly summarised in document m36976. HLG defines an OETF and EOTF where the OETF is standardised as ARIB standard STD-B67. During the last meeting in Geneva the breakout group asked the BBC to have an overview presentation about the HLG technology as well as to study the whole associated processing chain. For the latter purpose, Core Experiment 7 (CE7, “Investigating how to generate compressed HDR/SDR video using HLG and HEVC”) was established and is running during this meeting cycle. For the former, a slide desk attached to this document has been provided and will be presented during the interim meeting. The presentation covers the following topics:

1. Design motivation for HLG
2. Overview on opto-optic transfer functions
3. Difference between scene-referred and display-referred systems
4. Latest results associated with the HLG technology
5. Distribution of HLG signals

These points will be matter of discussion during the interim meeting and the review of the experimental results.