DASH Patent Portfolio License Briefing*

*This presentation is for information purposes only. Actual license agreements provide the only definitive and reliable statement of license terms.
Objective

- Offer an alternative license for the convenience of users enabling them to acquire patent rights necessary for the DASH Standard (see slide 3) from multiple patent holders in a single transaction as an alternative to negotiating separate licenses
Coverage

- **DASH Standard as defined in**
  - Guidelines for Implementation: DASH-IF Interoperability Points, Version 3.0, April 7, 2015;
  - Guidelines for Implementation: DASH-IF Interoperability Points, Version 3.2, December 24, 2015; and
Coverage

• Each patent is essential to the DASH Standard (see slide 3)

• Patent holders submitted patents for evaluation of their essentiality by independent patent experts

• Worldwide coverage (including essential counterparts)

• Licensors include all essential patents
Coverage

- Patent List (Attachment 1) to the License is updated regularly
  - Coverage from first release date of DASH specification
  - New Licensors and essential patents may be added at no additional royalty during the current term
Current Patent Owners

- Amotech Co., Ltd.
- AVerMedia Technologies, Inc.
- Cable Television Laboratories, Inc.
- Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
- Helios Streaming, LLC
- JVC KENWOOD Corporation
- Lough Corrib Intellectual Property Limited
- Maxell, Ltd.
- Nippon Telegraph and Telephone Corporation (NTT)
- SK Planet Co., Ltd.
- The Netherlands Organisation for Applied Scientific Research – TNO
- The Trustees of Columbia University in the City of New York*

*Up to and through date of last patent expiration
License Grants and Royalties

- **DASH Clients** (products capable of parsing a Media Presentation Description or using the parsing from a Media Presentation Description to access and/or play a DASH Segment)
  - 0 - 100,000 units/year = no royalty (available to one Legal Entity in an affiliated group)
  - US $0.05 per unit after first 100,000 units each year

- **Related Terms**
  - Maximum annual royalty payable by an Enterprise (Legal Entity and Affiliates) is $0 for 2015 and 2016, $2.5M for 2017 and 2018, and $5M for 2019 through 2022
  - Royalties payable for products from January 1, 2017 forward
  - Includes right to make, use and sell
Term

- Current Term through December 31, 2022
- Renewable for successive 5-year periods for the life of any Portfolio patent on reasonable terms and conditions
- Rate Protection on Renewal – royalties for specific royalty products and license grants will not increase by more than 20% at each renewal
Other Important Provisions

- Most Favorable royalty rates clause
- Licensee data is protected as confidential
- Grant-back on essential patents similar in scope to license grants