UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

DISH NETWORK L.L.C.,

Petitioner,

v.

ENTROPIC COMMUNICATIONS, LLC,

Patent Owner.

IPR2024-00393
U.S. Patent No.: 7,295,518 B1

PETITIONER'S UPDATED EXHIBIT LIST

LIST OF EXHIBITS

DISH-1001	U.S. Patent No. 7,295,518 to Monk et al. ("the '518 Patent")
DISH-1002	Excerpts from the Prosecution History of the '518 Patent ("the '518 Patent Prosecution History")
DISH-1003	The Prosecution History of U.S. Patent Application No. 10/230,687 to Monk et al. ("the '687 Patent Application Prosecution History")
DISH-1004	Declaration of Tim A. Williams, Ph.D.
DISH-1005	Tim A. Williams's Curriculum Vitae and Case History
DISH-1006	Declaration of June Munford
DISH-1007	U.S. Patent App. Pub. No. 2002/0069417 to Kliger et al. ("Kliger")
DISH-1008	U.S. Provisional Application No. 60/229,263 to Kliger et al. ("'263-Provisional")
DISH-1009	U.S. Provisional Application No. 60/230,110 to Kliger et al. ("'110-Provisional")
DISH-1010	U.S. Provisional Application No. 60/275,060 to Kliger et al. ("'060-Provisional")
DISH-1011	U.S. Provisional Application No. 60/291,130 to Kliger et al. ("'130-Provisional")
DISH-1012	U.S. Provisional Application No. 60/297,304 to Kliger et al. ("'304-Provisional")
DISH-1013	Int'l Pub. No. WO 1998/010545 to Isaksson et al. ("Isaksson")

DISH-1014	U.S. Patent No. 7,127,734 to Amit et al. ("Amit")
DISH-1015	U.S. Provisional Application No. 60/128,810 to Amit et al. ("Amit-Provisional")
DISH-1016	Jacobsen et al., *An Efficient Digital Modulation Scheme for Multimedia Transmission on the Cable Television Network*, 43rd Annual National Cable Television Association Convention and Exposition, New Orleans, LA. 1994 ("Jacobsen")
DISH-1017	Excerpts from Robert M. Gagliardi, *Introduction to Communications Engineering*, 2d ed., 1988 ("Gagliardi")
DISH-1018	U.S. Patent No. 5,822,372 to Emami ("Emami")
DISH-1019	Excerpts from Shlomo Ovadia, *Broadband Cable TV Access Networks*, 1d ed., March 2001 ("Ovadia")
DISH-1020	U.S. Patent No. 5,488,632 to Mason et al. ("Mason")
DISH-1021	Excerpts from Walter Y. Chen, *DSL: Simulation Techniques and Standards Development for Digital Subscriber Lines*, 1998 ("DSL Simulation Techniques")
DISH-1022	Excerpts from Dennis J. Rauschmayer, *ADSL/VDSL Principles*, 1999 ("ADSL/VDSL Principles")
DISH-1023	Jacobsen, Krista S., *Synchronized Discrete Multi-Tone (SDMT) Modulation for Cable Modems: Making the Most of the Scarce Reverse Channel Bandwidth*, WESCON/97 Conference Proceedings, Santa Clara, CA, USA, 1997 ("Jacobsen2")
DISH-1024	U.S. Patent No. 6,771,706 to Ling et al. ("Ling")
DISH-1025	Complaint from *Entropic Communications, LLC v. DISH Network Corporation et al.*, Case 2:23-cv-01043, ECF No. 1 (C.D. Cal. Feb. 10, 2023)

DISH-1026	Federal Court Management Statistics for September 2023 published by the Administrative Office of the U.S. Courts, retrieved from https://www.uscourts.gov/sites/default/files/data_tables/fcms_na_distcomparison0930.2023.pdf
DISH-1027	Order Granting Stipulation Setting Claim Construction Schedule, *Entropic Communications, LLC v. DISH Network Corporation et al*., Case 2:23-cv-01043-JWH-KES (CDCA)
DISH-1028	Proof of Service of Summons and Complaint on DISH Network Corporation in *Entropic Communications, LLC v. DISH Network Corporation et al.*, Case 2:23-cv-01043, ECF No. 14 (C.D. Cal. Feb. 23, 2023)
DISH-1029	LegalMetric Time to Trial Report, Central District of California, Patent Cases (Jan. 2021 – Nov. 2023
DISH-1030	Declaration of Michael J. Ballanco
DISH-1031	Walter Y. Chen, *DSL: Simulation Techniques and Standards Development for Digital Subscriber Lines*, 1998 ("DSL")
DISH-1032	U.S. Patent No. 7,099,349 to Phillips et al. ("Phillips")
DISH-1033	U.S. Patent No. 6,970,905 to Jeffery et al. ("Jeffery")
DISH-1034	Shlomo Ovadia, Broadband Cable TV Access Networks, 1d ed., March 2001 ("Ovadia")
DISH-1035	Second Declaration of June Munford
DISH-1036	Second Declaration of Tim A. Williams, Ph.D.
DISH-1037	George Lawton, *New Technologies Take the Network Home*, 1999

DISH-1038	Regis J. Bates, *Voice & Data Communications Handbook*, 4th ed., July 2001
DISH-1039	Deposition Testimony of Mr. Albert Garrett (January 15, 2025)
DISH-1040	Petitioner's Demonstratives

Respectfully submitted,

Dated: May 7, 2025

/Alyaman Amer/

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CERTIFICATE OF SERVICE

Pursuant to 37 CFR § 42.6(e), the undersigned certifies that on May 7, 2025, a complete and entire copy of this Petitioner's Updated Exhibit List and Demonstratives were provided via email to the Patent Owner by serving the email correspondence addresses of record as follows:

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