

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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CISCO SYSTEMS, INC., DISH NETWORK, LLC, COMCAST CABLE COMMUNICATIONS, LLC, COX COMMUNICATIONS, INC., TIME WARNER CABLE ENTERPRISES LLC, VERIZON SERVICES CORP., and ARRIS GROUP, INC.,  
Petitioner,

v.

TQ DELTA, LLC,  
Patent Owner.

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Case IPR2016-01021<sup>1</sup>  
Patent 8,718,158 B2

Before SALLY C. MEDLEY, TREVOR M. JEFFERSON, and, MATHEW R. CLEMENTS, *Administrative Patent Judges*.

MEDLEY, *Administrative Patent Judge*.

**UPDATE TO THE ARRIS GROUP, INC. PETITIONER'S  
MANDATORY NOTICES PURSUANT TO 37 C.F.R. § 42.8(A)(3)**

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<sup>1</sup> DISH Network, L.L.C., who filed a Petition in IPR2017-00255, and Comcast Cable Communications, L.L.C., Cox Communications, Inc., Time Warner Cable Enterprises L.L.C., Verizon Services Corp., and ARRIS Group, Inc., who filed a Petition in IPR2017-00417, have been joined in this proceeding.

Pursuant to 37 C.F.R. § 42.8(a)(3) the ARRIS Group, Inc. Petitioner submits the following Mandatory Notice:

**DESIGNATION OF A REAL PARTY IN INTEREST**

ARRIS Group, Inc. supplements its mandatory notices by further identifying Ruckus Wireless, Inc. as a real party in interest. Ruckus Wireless, Inc. became a real party in interest due to a merger effective March 31, 2018.

Respectfully submitted,

ARRIS Group, Inc.  
Petitioner

Date: April 20, 2018

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**CERTIFICATE OF SERVICE**

The undersigned hereby certifies that the foregoing update to the ARRIS GROUP, INC. PETITIONER'S MANDATORY NOTICES PURSUANT TO 37 C.F.R. § 42.8(A)(3) was served electronically via e-mail on April 20, 2018 in its entirety to the following:

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