



1501 Moran Road
Dulles, Virginia 20166
Telephone 703 450 5680
Fax 703 450 4706

July 6, 1999

Federal Communications Commission
Equipment Approval Services
P.O. Box 358320
Pittsburgh, PA 15251-5320

By Courier

care of:

Mellon Bank
Three Mellon Bank Center
525 William Penn Way
P.O. Box 358320
27th Floor, Room 153-2713
Pittsburgh, PA 15251-5320

**Attn: Federal Communications Commission
Wholesale Lockbox Supervisor**

**Re: CRSI, Inc.
Request for Special Temporary Authorization**

Dear Sir or Madam:

Pursuant to Section 5.61 of the Commission's rules, 47 C.F.R. § 5.61, CRSI, Inc., ("CRSI") requests special temporary authorization to operate in the manner described below, beginning on August 7, 1999 and continuing through February 7, 2000. An affiliate of CRSI currently conducts design and testing activities on many of the requested frequencies in Illinois, pursuant to authority granted to COMSAT RSI, Wireless Antennas (Call Sign WA2XNC, File No. 5812-EX-PL-97), effective September 24, 1997. The Illinois operations will be transferred to the Arcola, VA site and will be conducted by CRSI. This request for special temporary authority is needed to permit CRSI to maintain scheduled antenna design and testing activities, which in turn will enable CRSI to meet customer deadlines with minimal interruptions and delays.

In accordance with the FCC's Fee Schedule (Fee Code EAE), a check for \$45.00 is enclosed. Certification pursuant to 47 C.F.R. § 1.2002 is included herewith.

CRSI requests special temporary authority to cover operations related to the design, assembly, and testing of antennas for customers.

In support of this request, the following is shown:

- 1) Applicant's name, address, phone and facsimile numbers, and email address:

CRSI, Inc.
1501 Moran Road
Sterling, VA 20166

Contact: Bill Klimczak
703-406-6583 (voice)
703-450-0454 (fax)
Bill.Klimczak@rsicom.com

- 2) Why the STA is needed:

An affiliate of CRSI currently conducts design and testing activities on many of the requested frequencies in Illinois, pursuant to authority granted to COMSAT RSI, Wireless Antennas (Call Sign WA2XNC, File No. 5812-EX-PL-97), effective September 24, 1997. The Illinois operations will be transferred to the Arcola, VA site and will be conducted by CRSI. Rapid approval of this request for special temporary authority is needed to permit CRSI to maintain scheduled antenna design and testing activities, which in turn will enable CRSI to meet customer deadlines with minimal interruptions and delays.

- 3) Operation to be conducted and its purpose:

This STA will permit CRSI to test and design antennas.

- 4) Time and dates of proposed operation:

Full time; August 7, 1999 through
February 7, 2000.

- 5) Class of station:

Experimental; fixed

- 6) Location and geographical coordinates of operation:

Arcola (38° 59' 40" N; 77° 31' 00" W) NAD-83

- 7) Equipment to be used: TX: HP 8753C or equivalent for 2K00A2N emissions (VSWR testing).

TX: HP 8672A signal generator transmitting unmodulated carrier (N0N) only.

- 8) Frequencies desired:

See Attachment A.

- 9) Power:

See Attachment A.

- 10) Emission:

2K00A2N and N0N at all frequencies requested.

- 11) Overall height of antenna structure above the ground:

Testing at the Arcola site employs highly directional radiators mounted at 19 meters or less above the ground and pointed at the horizon.

- 12) 47 C.F.R. § 1.2002 Certification:

CRSI, in accordance with Sections 1.2001-1.2003 of the Commission's rules, 47 C.F.R. §§ 1.2001-1.2003, hereby certifies that it, its officers and directors, and any party with a five percent or greater interest in this request for special temporary authorization is not subject to a denial of the Federal benefits requested herein pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988. *See* 21 U.S.C. § 862.

If there are any questions about the foregoing, please contact Chip Yorkgitis of Kelley Drye & Warren at 202-955-9668.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "William Klimczak", with a long horizontal flourish extending to the right.

William Klimczak
Director of RF Engineering
Authorized Representative of the Applicant

cc: Douglas Young
Experimental Licensing Branch
Office of Engineering and Technology
Federal Communications Commission
The Portals
445 12th Street, S.W.
Washington, D.C. 20554

Attachment A
Request for Special Temporary Authority
CRSI, Inc.
Items 8, 9
July 7, 1999

<u>Frequency (MHz)</u>	<u>Power</u>
397.7-399.9	4W
614.0-959.5	4W
1350.0-1400.0	4W
1427.0-1435.0	4W
10550.0-10680.0	158.5W
17700.0-19700.0	158.5W
21200.0-23600.0	4W
37000.0-40000.0	4W