



Aviation Spectrum Resources Inc. ♦ 180 Admiral Cochrane Drive ♦ Suite 300 ♦ Annapolis, MD 21401  
Phone: 410-266-6030 ♦ Fax: 443-951-0349 ♦ <http://www.asri.aero>

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9/10/2019

Byron T Moore  
Boeing Company  
Electromagnetic Test & Evaluation  
Global Spectrum Management

Dear Ms. Moore;

Aviation Spectrum Resources Inc. (ASRI) concurs with the request by The Boeing Company to renew and modify your experimental license, subject to the conditions described below, under FCC call sign WG2XYQ for developmental testing of VHF datalink radio equipment.

**Transmitter locations:**

Oklahoma City OK                      35 24 14 N / 097 24 27 W

**VHF Frequencies (MHz):**

131.550            (ACARS - emission 13K0A2D)  
136.500            (VDL Mode 2 emission – 14K0G1D)  
136.600            (VDL Mode 2 emission – 14K0G1D)  
136.975            (VDL Mode 2 - emission 14K0G1D)  
129.675            (Voice operations – 6K00A3E)

ASRI concurs with use the specified frequencies by the Boeing Company with the following conditions:

- All emissions are limited to 25 Watts EIRP for the 25 kHz channels.
- Only the emissions specified above may be transmitted on the respective frequencies.
- There shall not be any harmful interference, or unnecessary traffic with detrimental performance effects, to existing datalink networks or adjacent frequency voice users because of this concurrence.
- Radios operated on the above frequencies shall only connect to existing datalink networks operated by currently licensed VHF and HF service providers, the Boeing Company may not create or operate its own independent datalink network.
- Before operation, valid service agreements shall be in place with the affected service providers to ensure testing is coordinated and complies with all service provider requirements for network access (including relevant ICAO, RTCA and AEEC radio standards and protocols).

Mr. Byron T Moore  
The Boeing Company  
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- The Boeing Company shall cease operations immediately if interference or adverse network effects are reported by existing users.
- Voice operations are secondary to existing and future users.
- An emergency stop contact is provided to affected users.

If you should have any questions regarding this letter of concurrence, please contact me at telephone number 443-951-0344, or at e-mail at ccw @asri.aero.

Sincerely,

Christopher Wheatley  
Aviation Spectrum Resources Inc.  
Frequency Management