

**Exhibit Regarding Local Broadcasters' Consent
 for RF Immunity Testing in the Broadcast Bands**

The instant amendment also seeks FCC authorization to conduct RF immunity testing on the frequencies of the following radio and television stations that have consented to Caterpillar's proposed operation. The listed stations operate in the vicinity of the Caterpillar proving ground in Peoria, IL, where the proposed EMC testing will occur. Copies of the consent letters are attached hereto.

Call sign	Channel No.	Community of License	Frequency band (MHz)
Television frequencies			
WCCU	27	Urbana, IL	548-554
W48CK	48	Sterling, IL	674-680
W51CT	51	Bloomington, IL	692-698
WRSP-TV	55	Springfield, IL	716-722
Radio frequencies			
WTRX-FM	229	Pontiac, IL	93.7
WJEZ	255	Dwight, IL	98.9
WBNQ	268	Bloomington, IL	101.5
WCSJ-FM	276	Morris, IL	103.1
WBWN	281	Le Roy, IL	104.1
W298AP	298	Springfield, IL	107.5

kwqc.com

805 Brady Street
Davenport, Iowa 52803
563.383.7000

JOHN HEGEMAN
OPERATIONS/ENGINEERING DIRECTOR
PHONE: 563-383-7132
FAX: 563-383-7165

DATE: MAY 9, 07

NUMBER OF PAGES (INCLUDING COVER SHEET): 4

TO: Andy KNUTT

COMPANY NAME: CAT ELECTRONICS

FAX NUMBER: 309-578-1383

RE: TESTING REQUEST

MESSAGE: Thanks - John Hegeman





Caterpillar Inc.

Cat Electronics
P. O. Box 610
Mossville, IL 61552-0610

5/7/2007

Doug Bierman – Chief Engineer
KWQC
805 Brady St.
Davenport, IA 52803

Dear Mr. Bierman:

This letter follows-up on our earlier telephone conversation. On behalf of Caterpillar, Inc. ("Caterpillar"), this letter requests the consent of Young Broadcasting of Davenport, Inc., licensee of television station KWQC at Davenport, IA for Caterpillar to conduct short (less than 10 seconds), low power radiofrequency ("RF") immunity testing on frequencies within your station's channel of operation at Caterpillar's proving grounds near Washington, Illinois. It is expected that the proposed RF immunity testing would occur no more than ten times per year.

The technical details of Caterpillar's proposed RF immunity testing are set forth in the attached technical information pages. Some background information on Caterpillar's need to conduct this testing is provided below. We are asking for your concurrence because your station is the channel 56 authorization nearest to our Peoria proving grounds location.

Please review this letter and the attached technical information page. If Caterpillar's proposed testing is acceptable, please sign at the bottom of this letter where indicated and fax a copy to the undersigned.

Background: Caterpillar is a world-leading manufacturer of heavy construction equipment with corporate headquarters in Peoria, IL. During development, our products are subjected to extensive testing to ensure product quality and to demonstrate compliance with numerous international and domestic regulations and standards. In particular, RF immunity testing is required for product safety and to meet several European Union Directives. RF immunity testing involves subjecting a machine's control system electronics to an electromagnetic field to ensure that such fields do not affect the operation of the electronics and/or machine. This testing is very important due to the proliferation of wireless devices and services that could possibly interfere with Caterpillar's machine electronics.

In the past, it has been possible to perform the majority of this RF immunity testing indoors at the component or subsystem level. However, as machines have become more electrically complex, it is difficult or impossible to test certain subsystems apart from the machine. In these cases, machine-level RF immunity testing is required. In many cases, these machine level tests can be performed indoors in a shielded chamber. However, in a few cases, due to the size of some of our products, it is not always possible to find a chamber large enough in which to test the machine. The only practical way to test this subset of machines is to conduct the tests outdoors. This type of outdoor testing is viewed as an option of last resort, and as such, is conducted infrequently (several times per year at most).

Outdoor RF immunity testing consists of irradiating a machine with an electromagnetic field across a wide frequency range (typically 30 MHz to 2 GHz). Required field strengths range from 10 V/m to 100 V/m or more, depending on the standard in question. To produce the field, an antenna is placed in close proximity to the machine, with a signal generator and amplifier being used to produce the RF energy. The antenna utilized is typically a highly directional wideband log periodic antenna, which is pointed at the machine under test. Typical output power from the amplifier is less than .5 kW, depending on antenna efficiency at the frequency in question. Starting at the lowest frequency of interest, the signal generator is stepped through the frequency range in increments of several MHz, dwelling on any particular frequency for a duration of less than 10 seconds. The transmitted signal is either an unmodulated carrier or 80 percent AM modulated at 1 kHz.

Request: Caterpillar is in the process of obtaining an experimental license from the FCC for the purpose of conducting outdoor RF immunity testing at our two proving ground locations in the United States (near Green Valley AZ, and Peoria, IL). As an interim measure, Caterpillar has recently been granted a Special Temporary Authority (STA) by the FCC (callsign WC9XWS) to conduct the required testing at its two proving ground locations until such time as a grant of experimental license is obtained. This STA, however, excludes authorization to transmit on all frequencies used by FM radio and television facilities. To secure consent to operate on these broadcast frequencies, it was recommended that we coordinate locally with broadcast licensees to secure permission to conduct the RF immunity tests on these frequencies.

We believe that Caterpillar's RF immunity testing transmissions will not result in harmful interference to your station for the following reasons:

- The distance between your station and our proposed test location is such that the risk of harmful interference is minimal
- The proposed outdoor tests occur infrequently (once every several months at most)

- The dwell time at any particular frequency during testing is less than 10 seconds
- The power levels being transmitted during testing are low (.5 kW ERP max)
- The transmitting antenna will be in close proximity to ground level, which will greatly limit the range of the transmitted signal, and will be located in the center of Caterpillar property
- The transmitted signal will have a very narrow bandwidth (2 kHz max), which in itself reduces potential interference to television stations
- We propose to make these narrowband transmissions 2 kHz above the bottom of the channel edge, so as to further minimize interference potential to analog and digital TV stations
- Preliminary interference studies have shown that the probability of interference to the stations in question will be extremely low (see attached technical documentation)

Detailed technical information about our proposed operation, along with preliminary interference analysis, is attached.

If this request seems reasonable, we respectfully request that you sign at the bottom of this document where indicated and return a copy to the undersigned via facsimile and mail.

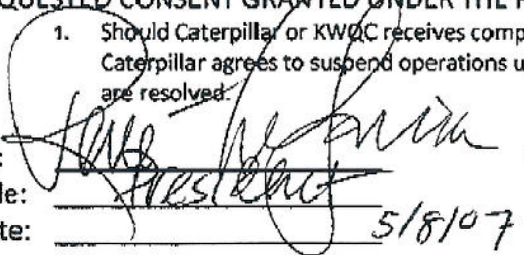
Thank you for your consideration. Please contact me if you have any questions about Caterpillar's proposed RF immunity testing.

Sincerely,

Andy Knitt
Cat Electronics Advanced Engineering
knitt_andrew_a@cat.com
309-578-2724 Phone
309-578-1383 Fax

REQUESTED CONSENT GRANTED UNDER THE FOLLOWING CONDITIONS:

1. Should Caterpillar or KWQC receives complaints from viewers due to Caterpillar's operations, Caterpillar agrees to suspend operations upon notification from KWQC until such complaints are resolved.

By: 
Title: President
Date: 5/8/07

**EXECUTED APPROVAL PAGE
W298AP, 107.5 MHz, SPRINGFIELD, IL**

- The dwell time at any particular frequency during testing is less than 10 seconds
- The power levels being transmitted during testing are low (.5 kW ERP max)
- The transmitting antenna will be in close proximity to ground level, which will greatly limit the range of the transmitted signal, and will be located in the center of Caterpillar property
- The transmitted signal will have a very narrow bandwidth (2 kHz max), which in itself reduces potential interference to FM radio stations
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Detailed technical information about our proposed operation, along with preliminary interference analysis, is attached.

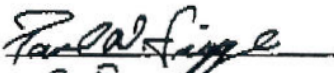
If this request seems reasonable, we respectfully request that you sign at the bottom of this document where indicated and return a copy to the undersigned via facsimile and mail.

Thank you for your consideration. Please contact me if you have any questions about Caterpillar's proposed RF immunity testing.

Sincerely,

Andy Knitt
Cat Electronics Advanced Engineering
knitt_andrew_a@cat.com
309-578-2724 Phone
309-578-1383 Fax

REQUESTED CONSENT GRANTED:

By: 
Title: C.E.
Date: 4-23-07

- The dwell time at any particular frequency during testing is less than 10 seconds
- The power levels being transmitted during testing are low (.5 kW ERP max)
- The transmitting antenna will be in close proximity to ground level, which will greatly limit the range of the transmitted signal, and will be located in the center of Caterpillar property
- The transmitted signal will have a very narrow bandwidth (2 kHz max), which in itself reduces potential interference to television stations
- We propose to make these narrowband transmissions 2 kHz above the bottom of the channel edge, so as to further minimize interference potential to analog and digital TV stations
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Thank you for your consideration. Please contact me if you have any questions about Caterpillar's proposed RF immunity testing.

Sincerely,

Andy Knitt
 Cat Electronics Advanced Engineering
 knitt_andrew_a@cat.com
 309-578-2724 Phone
 309-578-1383 Fax

REQUESTED CONSENT GRANTED:

By: A. C. Ellis
 Title: C.H. Eng W48CK
 Date: 5/2/07

**EXECUTED APPROVAL PAGE
WCSJ-FM, 103.1 MHZ, MORRIS, IL**

- The dwell time at any particular frequency during testing is less than 10 seconds
- The power levels being transmitted during testing are low (.5 kW ERP max)
- The transmitting antenna will be in close proximity to ground level, which will greatly limit the range of the transmitted signal, and will be located in the center of Caterpillar property
- The transmitted signal will have a very narrow bandwidth (2 kHz max), which in itself reduces potential interference to FM radio stations
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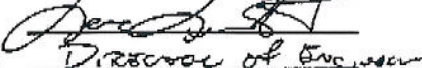
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Thank you for your consideration. Please contact me if you have any questions about Caterpillar's proposed RF immunity testing.

Sincerely,

Andy Knitt
Cat Electronics Advanced Engineering
knitt_andrew_a@cat.com
309-578-2724 Phone
309-578-1383 Fax

REQUESTED CONSENT GRANTED:

By: 
Title: Director of Engineering
Date: 04-18-07

**Caterpillar Inc.**

Cat Electronics
P. O. Box 610
Mossville, IL 61552-0610

6/15/2007

Rick Serre – Chief Engineer
WQAD-TV-DT NewsChannel8
3003 Park 16th Street
Moline, IL 61265

Dear Mr. Serre:

This letter follows up on a voicemail that I left you earlier today. On behalf of Caterpillar, Inc. ("Caterpillar"), this letter requests the consent of Local TV LLC, licensee of television station WQAD-TV at Moline, IL for Caterpillar to conduct short (less than 10 seconds), low power radiofrequency ("RF") immunity testing on frequencies within your station's channel of operation at Caterpillar's proving grounds near Washington, Illinois. It is expected that the proposed RF immunity testing would occur no more than ten times per year.

The technical details of Caterpillar's proposed RF immunity testing are set forth in the attached technical information pages. Some background information on Caterpillar's need to conduct this testing is provided below. We are asking for your concurrence because your station is the channel 38 authorization nearest to our Peoria proving grounds location.

Please review this letter and the attached technical information page. If Caterpillar's proposed testing is acceptable, please sign at the bottom of this letter where indicated and fax a copy to the undersigned.

Background: Caterpillar is a world-leading manufacturer of heavy construction equipment with corporate headquarters in Peoria, IL. During development, our products are subjected to extensive testing to ensure product quality and to demonstrate compliance with numerous international and domestic regulations and standards. In particular, RF immunity testing is required for product safety and to meet several European Union Directives. RF immunity testing involves subjecting a machine's control system electronics to an electromagnetic field to ensure that such fields do not affect the operation of the electronics and/or machine. This testing is very important due to the proliferation of wireless devices and services that could possibly interfere with Caterpillar's machine electronics.

In the past, it has been possible to perform the majority of this RF immunity testing indoors at the component or subsystem level. However, as machines have become more electrically complex, it is difficult or impossible to test certain subsystems apart from the machine. In these cases, machine-level RF immunity testing is required. In many cases, these machine level tests can be performed indoors in a shielded chamber. However, in a few cases, due to the size of some of our products, it is not always possible to find a chamber large enough in which to test the machine. The only practical way to test this subset of machines is to conduct the tests outdoors. This type of outdoor testing is viewed as an option of last resort, and as such, is conducted infrequently (several times per year at most).

Outdoor RF immunity testing consists of irradiating a machine with an electromagnetic field across a wide frequency range (typically 30 MHz to 2 GHz). Required field strengths range from 10 V/m to 100 V/m or more, depending on the standard in question. To produce the field, an antenna is placed in close proximity to the machine, with a signal generator and amplifier being used to produce the RF energy. The antenna utilized is typically a highly directional wideband log periodic antenna, which is pointed at the machine under test. Typical output power from the amplifier is less than .5 kW, depending on antenna efficiency at the frequency in question. Starting at the lowest frequency of interest, the signal generator is stepped through the frequency range in increments of several MHz, dwelling on any particular frequency for a duration of less than 10 seconds. The transmitted signal is either an unmodulated carrier or 80 percent AM modulated at 1 kHz.

Request: Caterpillar is in the process of obtaining an experimental license from the FCC for the purpose of conducting outdoor RF immunity testing at our two proving ground locations in the United States (near Green Valley AZ, and Peoria, IL). As an interim measure, Caterpillar has recently been granted a Special Temporary Authority (STA) by the FCC (callsign WC9XWS) to conduct the required testing at its two proving ground locations until such time as a grant of experimental license is obtained. This STA, however, excludes authorization to transmit on all frequencies used by FM radio and television facilities. To secure consent to operate on these broadcast frequencies, it was recommended that we coordinate locally with broadcast licensees to secure permission to conduct the RF immunity tests on these frequencies.

We believe that Caterpillar's RF immunity testing transmissions will not result in harmful interference to your station for the following reasons:

- The distance between your station and our proposed test location is such that the risk of harmful interference is minimal
- The proposed outdoor tests occur infrequently (once every several months at most)

- The dwell time at any particular frequency during testing is less than 10 seconds
- The power levels being transmitted during testing are low (.5 kW ERP max)
- The transmitting antenna will be in close proximity to ground level, which will greatly limit the range of the transmitted signal, and will be located in the center of Caterpillar property
- The transmitted signal will have a very narrow bandwidth (2 kHz max), which in itself reduces potential interference to television stations
- We propose to make these narrowband transmissions 2 kHz above the bottom of the channel edge, so as to further minimize interference potential to analog and digital TV stations
- Preliminary interference studies have shown that the probability of interference to the stations in question will be extremely low (see attached technical documentation)

Detailed technical information about our proposed operation, along with preliminary interference analysis, is attached.

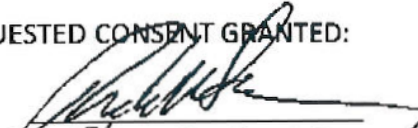
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Thank you for your consideration. Please contact me if you have any questions about Caterpillar's proposed RF immunity testing.

Sincerely,

Andy Knitt
 Cat Electronics Advanced Engineering
 knitt_andrew_a@cat.com
 309-578-2724 Phone
 309-578-1383 Fax

REQUESTED CONSENT GRANTED:

By: 
 Title: Chief Engineer - WQAD-TV
 Date: 7/12/2007

PERMISSION GRANTED FOR
 1 YEAR - TO 7/12/2008
 IF DURING THAT TIME WE
 DETERMINE NO HARMFUL
 INTERFERENCE HAS HAPPENED
 THEN THE PERMISSION WILL
 BE EXTENDED -



FOX 55 27 ILLINOIS



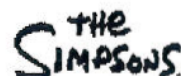
From: Jack Richardson WRSP/WCCU Television

To: Andy Knitt Cat Electronics Adv. Engineering

Date: April 16, 2007

Fax #: 309-578-1383

Pages (including this one): Two (2)



Good luck in your testing!

Jack



FOX 55/27 Illinois
3003 Old Rochester Rd.
Springfield, IL 62703

Phone: (217) 523-8855 Fax: (217) 523-4410

www.foxillinois.com

BONES



HOUSE M.D.

- The transmitting antenna will be in close proximity to ground level, which will greatly limit the range of the transmitted signal, and will be located in the center of Caterpillar property
- The transmitted signal will have a very narrow bandwidth (2 kHz max), which in itself reduces potential interference to television stations
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- Preliminary interference studies have shown that the probability of interference to the stations in question will be extremely low (see attached technical documentation)

Detailed technical information about our proposed operation, along with preliminary interference analysis, is attached.

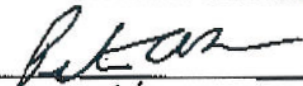
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Thank you for your consideration. Please contact me if you have any questions about Caterpillar's proposed RF immunity testing.

Sincerely,

Andy Knitt
 Cat Electronics Advanced Engineering
 knitt_andrew_a@cat.com
 309-578-2724 Phone
 309-578-1383 Fax

REQUESTED CONSENT GRANTED:

By: 
 Title: VP/CA
 Date: 4/16/07

NetworkKnowledge

WMEC / WQEC / WSEC

PUBLIC TELEVISION FOR WEST CENTRAL ILLINOIS

FACSIMILE TRANSMITTAL SHEET

TO: Andy Knitt	FROM: Rich Plotkin
Company: Cat Electronics Advanced Engineering	Date: 5/11/2007
FAX NUMBER: 309.578.1383	TOTAL NO. OF PAGES INCLUDING COVER: Four (4)
PHONE NUMBER: 309.578.2724	RE: Testing Agreement

URGENT FOR REVIEW AS REQUESTED PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS:

Andy,

Here's the consent form for your RF testing on Channel 14. Good luck with the process ... please feel free to contact me should you require any further information about our facility.

Regards,

Rich Plotkin, V.P. Engineering, Operations & Production
 Phone: 217-483-7887 x235 // Facsimile: 217-483-1112
WMEC / WQEC / WSEC
 1475 East Plummer Blvd
 Chatham, Illinois 62629



Caterpillar Inc.

Cat Electronics
P. O. Box 610
Mossville, IL 61552-0610

4/24/2007

Mr. Rich Plotkin – VP of Operations and Engineering
WSEC
P.O. Box 6248
Springfield, IL 62708

Dear Mr. Plotkin:

This letter follows-up on our earlier telephone conversation. On behalf of Caterpillar, Inc. ("Caterpillar"), this letter requests the consent of the West Central Illinois Educational Telecommunications Corp., licensee of television station WSEC at Jacksonville, Illinois for Caterpillar to conduct short (less than 10 seconds), low power radiofrequency ("RF") immunity testing on frequencies within your station's channel of operation at Caterpillar's proving grounds near Washington, Illinois. It is expected that the proposed RF immunity testing would occur no more than ten times per year.

The technical details of Caterpillar's proposed RF immunity testing are set forth in the attached technical information pages. Some background information on Caterpillar's need to conduct this testing is provided below. We are asking for your concurrence because your station is the channel 14 authorization nearest to our Peoria proving grounds location.

Please review this letter and the attached technical information page. If Caterpillar's proposed testing is acceptable, please sign at the bottom of this letter where indicated and fax a copy to the undersigned.

Background: Caterpillar is a world-leading manufacturer of heavy construction equipment with corporate headquarters in Peoria, IL. During development, our products are subjected to extensive testing to ensure product quality and to demonstrate compliance with numerous international and domestic regulations and standards. In particular, RF immunity testing is required for product safety and to meet several European Union Directives. RF immunity testing involves subjecting a machine's control system electronics to an electromagnetic field to ensure that such fields do not affect the operation of the electronics and/or machine. This testing is very important due to the proliferation of wireless devices and services that could possibly interfere with Caterpillar's machine electronics.

In the past, it has been possible to perform the majority of this RF immunity testing indoors at the component or subsystem level. However, as machines have become more electrically complex, it is difficult or impossible to test certain subsystems apart from the machine. In these cases, machine-level RF immunity testing is required. In many cases, these machine level tests can be performed indoors in a shielded chamber. However, in a few cases, due to the size of some of our products, it is not always possible to find a chamber large enough in which to test the machine. The only practical way to test this subset of machines is to conduct the tests outdoors. This type of outdoor testing is viewed as an option of last resort, and as such, is conducted infrequently (several times per year at most).

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Request: Caterpillar is in the process of obtaining an experimental license from the FCC for the purpose of conducting outdoor RF immunity testing at our two proving ground locations in the United States (near Green Valley AZ, and Peoria, IL). As an interim measure, Caterpillar has recently been granted a Special Temporary Authority (STA) by the FCC (callsign WC9XWS) to conduct the required testing at its two proving ground locations until such time as a grant of experimental license is obtained. This STA, however, excludes authorization to transmit on all frequencies used by FM radio and television facilities. To secure consent to operate on these broadcast frequencies, it was recommended that we coordinate locally with broadcast licensees to secure permission to conduct the RF immunity tests on these frequencies.

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Thank you for your consideration. Please contact me if you have any questions about Caterpillar's proposed RF immunity testing.

Sincerely,

Andy Knitt
 Cat Electronics Advanced Engineering
 knitt_andrew_a@cat.com
 309-578-2724 Phone
 309-578-1383 Fax

REQUESTED CONSENT GRANTED:

By: 
 Title: VP- ENG & OPS
 Date: 5/11/2007

Radio
Bloomington

AM 1230
WJBC
THE VOICE OF MCLAREN COUNTY

10.5
WBNG
Today's Best Music

B104
CONTINUOUS COVERAGE

102.5
ROCK
91.5 FM



Fax Transmittal Form

To: Andy Knitt
CAT. Electronics
Phone:

From: Ron Schott

Phone #: 309-829-1221

Fax #: 309-578-1383

Fax #: 309-827-8071

Date Sent: 4-23-07

Number of Pages (Including Cover):

2

Andy

Attached is the signed form
if you need a mailed copy also as it
says, let me know

Ron

256 Greenwood Avenue
Bloomington IL 61704
Ph: (309) 829-1221
Fax: (309) 827-8071

- The dwell time at any particular frequency during testing is less than 10 seconds
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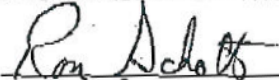
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Sincerely,

Andy Knitt
Cat Electronics Advanced Engineering
knitt_andrew_a@cat.com
309-578-2724 Phone
309-578-1383 Fax

REQUESTED CONSENT GRANTED:

By: 
Title: Engineer
Date: 4-23-07



Caterpillar Inc.

Cat Electronics
P. O. Box 610
Mossville, IL 61552-0610

4/13/2007

Charlie Boyd - Chief Engineer
WWTO
420 E. Stevenson Rd.
Ottawa, IL 61350

Dear Mr. Boyd,

This letter follows-up on our earlier telephone conversation. On behalf of Caterpillar, Inc. ("Caterpillar"), this letter requests the consent of TCCSA, Inc., D.B.A. Trinity Broadcasting Network, licensee of television stations WWTO at LaSalle, Illinois, W29BG at Decatur, Illinois, and W51CT at Bloomington, Illinois for Caterpillar to conduct short (less than 10 seconds), low power radiofrequency ("RF") immunity testing on frequencies within your stations' channels of operation at Caterpillar's proving grounds near Washington, Illinois. It is expected that the proposed RF immunity testing would occur no more than ten times per year.

The technical details of Caterpillar's proposed RF immunity testing are set forth in the attached technical information pages. Some background information on Caterpillar's need to conduct this testing is provided below. We are asking for your concurrence because your stations are the channel 10, 29, and 51 authorizations nearest to our Peoria proving grounds location.

Please review this letter and the attached technical information page. If Caterpillar's proposed testing is acceptable, please sign at the bottom of this letter where indicated and fax a copy to the undersigned.

Background: Caterpillar is a world-leading manufacturer of heavy construction equipment with corporate headquarters in Peoria, IL. During development, our products are subjected to extensive testing to ensure product quality and to demonstrate compliance with numerous international and domestic regulations and standards. In particular, RF immunity testing is required for product safety and to meet several European Union Directives. RF immunity testing involves subjecting a machine's control system electronics to an electromagnetic field to ensure that such fields do not affect the operation of the electronics and/or machine. This testing is very important due to the proliferation of wireless devices and services that could possibly interfere with Caterpillar's machine electronics.

In the past, it has been possible to perform the majority of this RF immunity testing indoors at the component or subsystem level. However, as machines have become more electrically complex, it is difficult or impossible to test certain subsystems apart from the machine. In these cases, machine-level RF immunity testing is required. In many cases, these machine level tests can be performed indoors in a shielded chamber. However, in a few cases, due to the size of some of our products, it is not always possible to find a chamber large enough in which to test the machine. The only practical way to test this subset of machines is to conduct the tests outdoors. This type of outdoor testing is viewed as an option of last resort, and as such, is conducted infrequently (several times per year at most).

Outdoor RF immunity testing consists of irradiating a machine with an electromagnetic field across a wide frequency range (typically 30 MHz to 2 GHz). Required field strengths range from 10 V/m to 100 V/m or more, depending on the standard in question. To produce the field, an antenna is placed in close proximity to the machine, with a signal generator and amplifier being used to produce the RF energy. The antenna utilized is typically a highly directional wideband log periodic antenna, which is pointed at the machine under test. Typical output power from the amplifier is less than .5 kW, depending on antenna efficiency at the frequency in question. Starting at the lowest frequency of interest, the signal generator is stepped through the frequency range in increments of several MHz, dwelling on any particular frequency for a duration of less than 10 seconds. The transmitted signal is either an unmodulated carrier or 80 percent AM modulated at 1 kHz.

Request: Caterpillar is in the process of obtaining an experimental license from the FCC for the purpose of conducting outdoor RF immunity testing at our two proving ground locations in the United States (near Green Valley AZ, and Peoria, IL). As an interim measure, Caterpillar has recently been granted a Special Temporary Authority (STA) by the FCC (callsign WC9XWS) to conduct the required testing at its two proving ground locations until such time as a grant of experimental license is obtained. This STA, however, excludes authorization to transmit on all frequencies used by FM radio and television facilities. To secure consent to operate on these broadcast frequencies, it was recommended that we coordinate locally with broadcast licensees to secure permission to conduct the RF immunity tests on these frequencies.

We believe that Caterpillar's RF immunity testing transmissions will not result in harmful interference to your station for the following reasons:

- The proposed outdoor tests occur infrequently (once every several months at most)
- The dwell time at any particular frequency during testing is less than 10 seconds

- The power levels being transmitted during testing are low (.5 kW ERP max)
- The transmitting antenna will be in close proximity to ground level, which will greatly limit the range of the transmitted signal, and will be located in the center of Caterpillar property
- The transmitted signal will have a very narrow bandwidth (2 kHz max), which in itself reduces potential interference to television stations
- We propose to make these narrowband transmissions 2 kHz above the bottom of the channel edge, so as to further minimize interference potential to analog and digital TV stations
- Preliminary interference studies have shown that the probability of interference to the stations in question will be extremely low (see attached technical documentation)

Detailed technical information about our proposed operation, along with preliminary interference analysis, is attached.

If this request seems reasonable, we respectfully request that you sign at the bottom of this document where indicated and return a copy to the undersigned via facsimile and mail.

Thank you for your consideration. Please contact me if you have any questions about Caterpillar's proposed RF immunity testing.

Sincerely,

Andy Knitt
 Cat Electronics Advanced Engineering
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 309-578-2724 Phone
 309-578-1383 Fax

By: Charles Boyd
 Title: C.E.
 Date: 4-13-07