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KTECH ANNOUNCES DTV TRANSLATOR TESTING PROGRAM

Field Trial of DTV Translator now available

Chatsworth, CA – February 24, 2003 – KTech Telecom, a leader in the DTV technology, today announced the DTV Translator Testing Program to assist US Broadcasters with DTV translator testing and field trial needs. This program will commence on March 15th, 2003 and end on September 15th, 2003.

The first ten customers chosen by KTech will receive DTV translators at 50 watts average PA output power (power level may be different depending on the customer's requirement; higher power level also available). The Program is subject to availability of the equipment and signing of an STA (Special Temporary Authorization). The DTV translator in this Program will be housed in a 72" rack with an 8-VSB Receiver (including VCT updater), an 8-VSB Exciter, a Power Amplifier (50W DTV average), lightning protector, remote monitoring, power meter, and a DTV mask filter. Deliveries will be made in approximately 45 days from authorization. The Program requires a signed agreement for testing and evaluation for up to 12 months. At the end of the Program, customers may return the equipment to the factory or purchase them at a reduced price. At the start of the Program, issuance of a Purchase Order is required.

The Program signifies the need for DTV signals to reach rural America as more and more television stations put DTV signals over the air as mandated by the Federal Communications Commission. According to Romeo Castillo, Sales Director at KTech Telecom, KTech offers a cost effective DTV translator solution and this program further encourages DTV broadcasters to repeat their signals to cover a wider area of potential customers. The need for translators in the USA is mostly in the hilly terrain areas of the states according to the trade organization, [National Translator Association](#).

Interested DTV Broadcasters and DTV Translator stations can reach KTech's Sales Director, Romeo Castillo, via phone at (818) 773-0333 or at his e-mail at: rcastillo@ktechtelecom.com

Application for a DTV Translator

Using 8-VSB terrestrial signal as its source, DTV translator extends coverage of DTV by remodulating the signal to a different channel while updating PSIP information (Virtual

Channel Table's (VCT) Station ID, Major and Minor Channel Numbers). Original 8-VSB terrestrial signal will be received by KTech's RF signal receiver, and then it will be remodulated to a new IF channel using the internal modulator. The upconverted RF output is then amplified and then goes through the DTV mask filter before the signal is sent to the antenna. Because the stream remains digital from reception to retransmission, station coverage is extended with no loss of quality.

About KTech Telecom

Since 1995, privately held KTech Telecom has been producing quality broadcast products such as an 8-VSB modulator, a Static PSIP Generator, a 100W - 3KW DTV Transmitter, an 8-VSB Translator, a DTV null packet generator, an 8-VSB Professional Receiver, and an MPEG2 transport stream generator/recorder. KTech representatives can be reached by phone at (818) 773-0333 or by e-mail at sales@ktechtelecom.com KTech's website is at : <http://www.ktechtelecom.com>