

From: Jack Smith [jsmith2@mdp.com]
Sent: Thursday, June 28, 2001 5:41 PM
To: AlexL@UniqueSys.com
Subject: Re: FW: Frequency co-ordination with NAB at Las Vegas to use either
Ch 64 or CH68 for temporary experimental license

Alex:
Consider it coordinated. Please confirm your choice of frequencies when you make
the decision.

Thanks
Jack Smith
Director of Engineering
KVVU TV5
Las Vegas, NV

Alexander Lee <AlexL@UniqueSys.com> 06/28/01 02:12PM >>>
Dear Mr. Smith

My previous msg has typo errors :

CH64 should read 770 - 776 Mhz (not 779 -776 MHz).
CH68 should read 794-800 Mhz (not 794-900 MHz).
Corrected version is attached below.

Alex

-----Original Message-----

From: Alexander Lee
Sent: Thursday, June 28, 2001 4:59 PM
To: 'jsmith2@kvvu.com'
Cc: Robert Golden; 'kriddle@ci.las-vegas.nv.us'; 'lousb@lvcm.com';
'karen.koetz@mikohn.com'
Subject: Frequency co-ordination with NAB at Las Vegas to use either
Ch 64 or CH68 for temporary experimental license

Mr. Jack Smith
Chief Engineer

This refers to our phone conversation today regarding our application for
temporary experimental license to do a field trial using either CH 64
(770-776 MHz) or CH68 (794-800 MHz) at Las Vegas within 8-10 Km range of
Fire Hall 42 (Cheyenne and Tennayer) Las Vegas for 60-90 days.

Max ERP 5 watts, one way wireless video from ambulance.

Please confirm by return e-mail that you have no objection to our
temporary experimental license application to use either CH 64 or CH 68.
Our FCC data base search confirmed CH64 to CH68 is not used at Las Vegas.

We would like to start our test SAP, in early July if possible.

Thank you and Kind Regards

Alex Lee
Unique Broadband Systems
Manager Product Marketing and Sales Engineering
Ph (905) 669-8533 Ext 199

E-Mail: alexl@uniquesys.com

General Application Description:

a. System Description: Experimental field trial of a COFDM (Coded Orthogonal Frequency Division Multiplex) transmission system to transmit live video from a moving ambulance back to a Fire Station 42, then to Mountain View Medical Center via VPN (Virtual Private Network). The wireless portion is between the ambulance and Fire Hall No. 42 . Only one ambulance is equipped for the field trial.

Duration of Trial: 60-90 days commencing SAP in July 2001..

b. Transmitter: Ambulance within 8-10 km range of Fire Station 42.,
One way video only.
Transmitted power: 5 Watt ERP
Omni directional antenna, mounted on ambulance roof 10 ft
AGL

c. Receiver: Fire Station 42, Tennaya and Cheyenne, Las Vegas.
Omni directional receive only antenna, antenna
height 115 ft AGL.

d. Frequency: Either CH 64 (770-776 MHZ) or CH 68 (794-800 MHZ)

Our FCC Data base search found these two channels are not in use at present. No application pending neither.

FCC data base searched are Mass Media Data Base, Experimental Data Base, IBFS data base, and ULS Data base.

FCC data base search found CH 63 already licensed, and CH69 pending, at Las Vegas:

CH 63 (764-770) licensed to Kaleidoscope Affiliates of Las Vegas, expiration date Oct 1 2006.

CH 69 , (800-806 MHZ) FCC status pending, Turnpike Television, call sign 930402SU; and Communication Engineering
Call Sign 891208NN .

e. Modulation: COFDM in QPSK mode, 6 MHz band width for field trial..

e. Operation Mode : Temporary experimental field trial for 60-90 days, Transmitter will be on intermittent duty, turned on only during trail runs.

Please contact me if additional information is required.

Alex Lee
Unique Broadband Systems
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e mail: alexl@uniquesys.com