

**From:** Johnny Stigler <jstigler@swbell.net>  
**Sent:** Sunday, February 09, 2014 4:24 PM  
**To:** 'Mark Ballinger'  
**Subject:** RE: Frequency coordination of NAVMAR tests at Ft Still

This unit has 16 presets so you can get a laptop and speak to it if needed to add new channels. Here is the MRC Law guy that you can lean on for advice.

Glenn Patterson

[glenn.patterson@vislink.com](mailto:glenn.patterson@vislink.com)

(512) 639-4772 cell

Lives in Austin TX

I have known Glenn for years and he was at my retirement party recently

JohnnyS.

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**From:** Mark Ballinger [<mailto:markballinger@navmar.com>]  
**Sent:** Sunday, February 09, 2014 1:52 PM  
**To:** 'Johnny Stigler'  
**Subject:** RE: Frequency coordination of NAVMAR tests at Ft Still

Vislink HDT-1000 6.4-7.1GHz

Mark Ballinger  
Senior Program Manager  
Combat Systems Development & Support Sector  
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**From:** Johnny Stigler [<mailto:jstigler@swbell.net>]  
**Sent:** Sunday, February 09, 2014 11:59 AM  
**To:** 'Mark Ballinger'  
**Subject:** RE: Frequency coordination of NAVMAR tests at Ft Still

The band is 6425 – 6525 so it should work.

What is the model of the transmitter?  
JohnnyS.

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**From:** Mark Ballinger [<mailto:markballinger@navmar.com>]  
**Sent:** Sunday, February 09, 2014 10:43 AM  
**To:** 'Johnny Stigler'  
**Subject:** RE: Frequency coordination of NAVMAR tests at Ft Still

After looking at these, I'll have to check to see if I can tune to these frequencies. I noticed they are all 3 MHz higher than the 8 MHz channels, ie, 6438 MHz.

Mark Ballinger  
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**From:** Johnny Stigler [<mailto:jstigler@swbell.net>]  
**Sent:** Saturday, February 08, 2014 8:39 PM  
**To:** 'Mark Ballinger'  
**Subject:** RE: Frequency coordination of NAVMAR tests at Ft Still

As an alternate on the frequency:

Ch10 6505

Ch11 6513

Ch12 6521 Used by most Law folks

These are in the broadcasters Ch14 25MHz Plan In case there are any issues

I have a contact that will make you a good consultant on airborne RF. He did all the TXDOT Helicopters and is the best in the industry. I had him stop by our hanger and in 2 hrs we got calibrated and have never seen better HD RF from the sky.

Ron Magocsi

Helinet  
[rmagocsi@helinet.com](mailto:rmagocsi@helinet.com)  
(818) 902-0229  
11 Vista Way  
Port Washington, NY 11050

Johnny Stigler  
WFAA-TV Retired  
214-236-0222

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**From:** Mark Ballinger [<mailto:markballinger@navmar.com>]  
**Sent:** Saturday, February 08, 2014 4:22 PM  
**To:** 'John Poray'; [anthony.serafini@fcc.gov](mailto:anthony.serafini@fcc.gov); 'Benedict, Raymond C'; [dennis.wallace@mswdtv.com](mailto:dennis.wallace@mswdtv.com); [sbottkol@sbgvtv.com](mailto:sbottkol@sbgvtv.com); [jstigler@swbell.net](mailto:jstigler@swbell.net)  
**Cc:** Carm Finocchiaro  
**Subject:** RE: Frequency coordination of NAVMAR tests at Ft Still

Gentlemen,

Thank you for helping me with this. I spoke with Johnny Stigler of Dallas and Steve Bottkol of Oklahoma City this week. Johnny suggested I use 6438 MHz and that the range from Lawton/Fort Sill to Dallas would prevent interference. Also, the local signals would be much stronger. Steve Bottkol agreed adding that the intervening terrain would also limit signal propagation.

For background I wanted to let you know that the transmitter was selected to not interfere with the device under test. We expect to conduct testing 3-4 times for one week periods over the next two years. All the flights will be conducted in Restricted Area 5601 at Fort Sill.

I would like to resubmit the FCC form 442 for the specific frequency and a backup frequency, 6430 and 6438. The transmitter I use has these as preset channels. I'm also flexible if you have other frequencies you would rather we use. I will also inform Johnny and Steve 30 days before any future testing, and provide direct contact numbers to myself and the base frequency manager should we need to terminate transmissions at any time.

If this is acceptable, I will resubmit this coming week.

Please let me know if I can provide any further information.

Mark

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**From:** John Poray [<mailto:jporay@sbe.org>]  
**Sent:** Tuesday, February 04, 2014 6:49 AM  
**To:** [markballinger@navmar.com](mailto:markballinger@navmar.com)  
**Cc:** [anthony.serafini@fcc.gov](mailto:anthony.serafini@fcc.gov); 'Benedict, Raymond C'; [dennis.wallace@mswdtv.com](mailto:dennis.wallace@mswdtv.com)  
**Subject:** Frequency coordination of NAVMAR tests at Ft Still

To: Mark Ballinger

Ray Benedict of CBS asked me to send you the names and contact information of the local SBE frequency coordinators for the Dallas/North Texas and Oklahoma City areas. Please contact them to help coordinate frequency use for your upcoming tests at Ft. Sill. Feel free to contact me if you have any questions.

Oklahoma City  
Below 1 GHz - Patrick Roberts 405 728-7425 [radiowaves@hotmail.com](mailto:radiowaves@hotmail.com)  
Above 1 GHz – Steve Bottkol 405 475-9134 [sbottkol@sbgvtv.com](mailto:sbottkol@sbgvtv.com)

Dallas-Ft. Worth/North Texas Johnny Stigler 214 236-0222 [jstigler@swbell.net](mailto:jstigler@swbell.net)

Best regards,  
John Poray

John L. Poray, CAE  
Executive Director | [Society of Broadcast Engineers](http://www.societyofbroadcastengineers.org)  
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**From:** Mark Ballinger <[markballinger@navmar.com](mailto:markballinger@navmar.com)>  
**Date:** February 3, 2014 at 15:49:53 EST  
**To:** Tony Serafini <[anthony.serafini@fcc.gov](mailto:anthony.serafini@fcc.gov)>  
**Cc:** Raymond C Benedict <[rcbenedict@cbs.com](mailto:rcbenedict@cbs.com)>  
**Subject:** Request for Information on recent Form 442 application

Tony,

Ken Lewko gave me your email address. Navmar has recently submitted a Form 442 for a video transmitter to be used during a test at Fort Sill, OK. The frequency range is 6.4-7.1 GHz.

I was contacted today by Ray Benedict of CBS. He said we would have problems using this on an unmanned aircraft near any metropolitan area. I need help knowing what the limitations are and if I can negotiate a single frequency to use for this test.

I would be glad to limit the test and coordinate with the local frequency managers.

Please let me know what you think.

Mark

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