

## Mark Ballinger

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**From:** John Dehnel <jdehnel@ksl.com>  
**Sent:** Thursday, June 26, 2014 10:32 AM  
**To:** Mark Ballinger  
**Subject:** RE: Navmar Broadcast License

Hi Mark,

I can only speak to the TV broadcasters licensed in part 74. There are, of course, a bunch of business/industrial systems in the area since it's shared spectrum but I only keep track of the broadcasters and the BI users that are near the broadcast channels.

KJZZ-TV's STL is on 6437.5 which might be a little close but probably OK since you are at Dugway. There is another Farnsworth Peak transmitter on 6.585 but that shouldn't be an issue.

The 6.505, 6.513 & 6.521 look OK as far as broadcast goes.

Good luck!

John Dehnel  
Frequency Coordinator, SBE Ch 62  
Director of Engineering  
Bonneville Radio, Salt Lake City  
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**From:** Mark Ballinger [mailto:markballinger@navmar.com]  
**Sent:** Thursday, June 26, 2014 10:45 AM  
**To:** John Dehnel  
**Subject:** FW: Navmar Broadcast License

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**From:** Mark Ballinger [mailto:markballinger@navmar.com]  
**Sent:** Monday, June 23, 2014 11:24 AM  
**To:** 'kvoss@karlvoss.com'; 'john.dehnel@ksl.com'  
**Cc:** Carm Finocchiaro (finocchiaro@navmar.com)  
**Subject:** RE: Navmar Broadcast License

Karl, John,

In Sept 2014 and for a two year period after that we will be conducting a test for the Air Force Research Laboratory (AFRL) that uses a broadcast transmitter, a Vislink HDT-1000. We received FCC approval to use this transmitter at Fort Sill, OK but are now moving to either Yuma Proving Ground or Dugway Proving Ground. I had previously coordinated with the North Texas and Oklahoma SBE coordinators to find an operating frequency that would not interfere with local broadcasts. Attached is the FCC Station License for Fort Sill and the test description.

We had planned to use 6.438 GHz as a primary frequency and had chosen some secondary frequencies that we could shift to if there were interference issues.

I will be making a new application for YPG and DPG and would like to use frequencies that will not cause interference in your areas.

I will be working closely with each range frequency coordinator as well.

Will the following frequencies be appropriate? We can tune from 6.4 to 7.5 GHz

Frequency Tolerance (+/-)	Station Class	Emission Designator	Authorized Power	Frequency
6.438 GHz	MO	10M0W7D	5 W (ERP)	2.5
%				
6.505 GHz	MO	10M0W7D	5 W (ERP)	2.5
%				
6.513 GHz	MO	10M0W7D	5 W (ERP)	2.5
%				
6.521 GHz	MO	10M0W7D	5 W (ERP)	2.5
%				

I expect our tests to last one week twice a year for 2 years. I would notify you of our test dates 30 days in advance and will provide you with contact numbers that would allow you to call and have us stop transmitting and shift to a different frequency.

Please let me know what other information you would like me to provide.

Mark

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**From:** John Poray [<mailto:jporay@sbe.org>]  
**Sent:** Monday, June 23, 2014 10:34 AM  
**To:** 'Mark Ballinger'  
**Cc:** 'Tony Serafini'; [kvoss@karlvoss.com](mailto:kvoss@karlvoss.com); [john.dehnel@ksl.com](mailto:john.dehnel@ksl.com)  
**Subject:** RE: Navmar Broadcast License

Hello, Mark.

The coordinator for all of Arizona is Karl Voss. You can reach Karl at [kvoss@karlvoss.com](mailto:kvoss@karlvoss.com) or 602 989-2283.  
The coordinator in Salt Lake City is John Dehnel. You can reach him at [john.dehnel@ksl.com](mailto:john.dehnel@ksl.com) or 801 575-5555.

The full list of SBE and allied frequency coordinators can be found at the SBE website; [www.sbe.org](http://www.sbe.org). Click on Frequency Coordination on the red menu bar.

Best regards,  
John Poray

John L. Poray, CAE  
Executive Director | [Society of Broadcast Engineers](http://www.sbe.org)  
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**From:** Mark Ballinger [<mailto:markballinger@navmar.com>]  
**Sent:** Monday, June 23, 2014 11:57 AM  
**To:** John L. Poray  
**Cc:** Tony Serafini  
**Subject:** Navmar Broadcast License

John,

Earlier this year you helped me get in touch with the Dallas and Oklahoma City broadcast frequency managers so that we could work out a plan that would allow us to test at Fort Sill, OK and not interfere. Due to circumstances beyond our control, our test at Fort Sill has been cancelled and we will have to move to another location.

Could you help me again by providing me contacts at both Yuma, AZ and Salt Lake City, UT? We are going through the approval process now for testing at both the Yuma Proving Ground and the Dugway Proving Ground. I will need to reapply to the FCC for approval of our broadcast transmitter.

Mark

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