

# NATIONAL FOOTBALL LEAGUE

Super Bowl, February, 2006

## Special Temporary Authorization Request

This STA request will facilitate the operation of the Super Bowl in Detroit, Michigan, and the operations and logistics of arrangements before and after the event.

The STA proposes the use of television broadcast channels 15 (476-482 MHz) and 16 (482-488 MHz). Similar STA grants have been made by the Commission in past years (See, e.g. WB9XOU, file numbers 0496-EX-ST-2003, 0002-EX-ST-2005).

All operation will be coordinated in advance, as are all radio frequency operations in and around the event, by the Society of Broadcast Engineers, Inc. and the National Football League, working cooperatively.

A search of the Commission's Media Bureau Database by Engineer Karl Voss, the SBE/NFL Frequency Coordinator for this event shows the following television or other United States licensees authorized to use the subject channels and adjacent channels within a 100 km radius of the venue (Ford Field in Detroit, 42-20-24N, 083-02-44W and a 20 km radius around those center coordinates):

- Channel 14 WKBD-DT, 16.8 miles from venue.
- Channel 15 Land Mobile (no licenses listed).
- Channel 16 Land Mobile (no licenses listed).  
Application, 33.6 miles from venue, Chatham, Ontario.
- Channel 17 WTOL-DT, 49 miles from venue, Toledo, OH.  
Application, 42 miles from venue in Sarnia, Ontario

Due to the presence of DTV stations on adjacent channels, applicant proposes to use a 500 kHz "guard band" to protect both DTV viewers and the proposed STA operation from interference. This frequency separation, and the low transmit power to be used in and around the stadium, should be sufficient to prevent interaction between television viewers and STA operations.

The STA application does not specify a maximum number of units to be deployed, but the number will be less than 250. That maximum number of units was granted by the Commission last year for the Super Bowl in Jacksonville, Florida and the year before in Houston, Texas.

The active participation at the event by the NFL Frequency Organization Group, headed by Mr. Voss, has avoided RF interference complaints at the past 9 Super Bowls through active, advance and real-time frequency coordination. The participation of the local SBE frequency coordinators will insure that there is no interference at this upcoming event. Any interference that cannot be immediately resolved will result in cessation of operation of the affected mobile operations on site.

Mr. Voss' contact information on-site is by cellphone at 602-989-2283. Otherwise, any information can be obtained from counsel for the applicant:

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