

**WPHS-FM
89.1 MHz
Warren Consolidated Schools
Warren, Michigan**

EXHIBIT – 23

International Borders (Canada)
US – Canadian Agreement

WPHS is located 18 km from the US/Canadian Border. WPHS occupies an allocation listed in table B of the US – Canadian Working Agreement at channel 206A in Warren, Michigan. The designation 206A(*12) is assigned indicating a short spaced limitation of 2kW with antenna HAAT of 30.5 meters. The proposed facilities differ from this agreement. Therefore, this application needs to be forward to the Canadian authorities.

This proposal is short spaced with a new station in Chatham Ontario on 89.3 MHz (first adjacent) and CIMX-FM on 89.7 MHz (second adjacent) in Windsor Ontario. The interference zones have been plotted in Exhibit-23A & 23B in accordance to the US – Canadian Working Agreement. These contour plots overlay a map (Detroit Aeronautical Sectional) for which the contrast has been reduced to better show contour lines.

New Chatham Station, 89.3 MHz Chatham, Ontario (Operational) :

In the Case of the New Chatham Station, there is one interference zone. Exhibit –23A shows the interference zone (in blue) that will be received by WPHS to the East and cause by the New Chatham Station Operation to the east as defined in the US – Canadian Working Agreement. Also, there will be interference caused to the new Chatham station over Lake St. Clair. This interference area is indicated (in red) Exhibit - 23A. In the US – Canadian Agreement, the Chatham allocation (207B) has the short spaced designation of 207(*12) which is limited to 40kW with an HAAT of 122 meters. The plotted contour assumes the actual conditions of the New Chatham Station Operation (using an ERP of 16.7 kW with an HAAT of 133m). The vast majority of the interference received by WPHS is contained within the US border as indicated in Exhibit-23A. There is interference caused to from the New Chatham Station Operation within Canadian territory. However, the vast majority of the interference lies over a large body of water, Lake St. Clair.

Though not applicable to the US – Canadian Working Agreement, the plot on Exhibit – 23B was produced using the rules in section 73.509. In this case, there is prohibited overlap received as indicated in the US rules. A waiver of the rules is requested to operate under these conditions.

CIMX-FM 88.7 MHz Windsor, Ontario (Operational):

CIMX – FM is operating on the channel indicated in the US – Canadian agreement under the designation 204C1(*#). In the case of CIMX-FM 88.7 MHz (second adjacent), there will be an interference zone caused to CIMX-FM 88.7 MHz near the WPHS transmitter site as defined in the US – Canadian Working Agreement shown in red. Interference received from CIMX to WPHS is shown in blue. The overlap is shown in Exhibit -23C. Nearly all interference is within US territory. Some of the interference lies over a large body of water, Lake St. Clair. Only a very small amount of interference will overlap into Canadian territory. This interference is entirely within a large body water over Lake St. Clair and is received by WPHS. There is no interference caused to CIMX–FM within the Canadian territory.

Although not applicable to the US – Canadian Working Agreement, the plot on Exhibit – 23D was done using the rules in section 73.509. Notice there is a very small area of interference from WPHS caused to CIMX-FM (relative to 73.509) within US territory.

The actual interference should be minimum in both cases. Due to advancements in receiver technology in recent years, the actual adjacent channel interference received will be minimized. Most consumer electronics, such as home stereo receivers, automobile receivers and most portable receivers use digital syntheses, which is referenced to a quartz crystal. This eliminates problems such as AFC (Automatic Frequency Control) capture that was present in most older technology receivers. However, some older technology receivers may still exist and experience this problem. However for the most part, newer technology receivers have mostly replaced them.

In general, this application meets the conditions set forth in the US – Canadian Agreement Treaty. However, we are requesting to operate short spaced with these two stations. We are requesting this application be referred to the Canadian authorities as needed for review and concurrence to any action by the FCC.

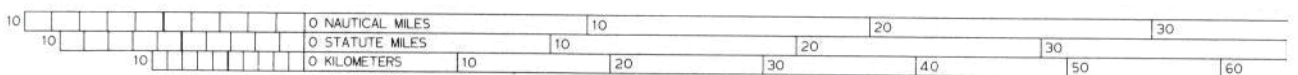
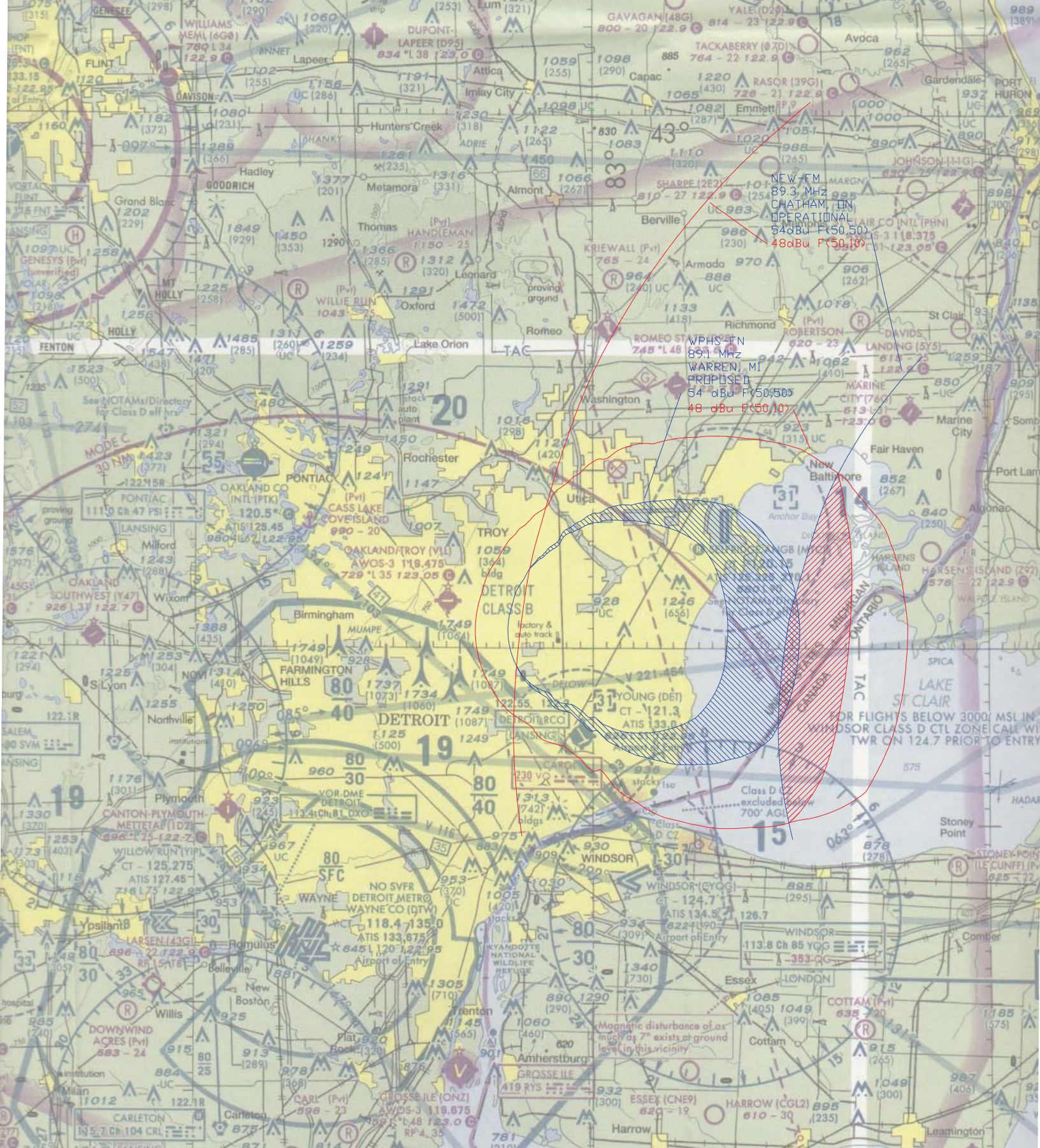


Exhibit - 23A

WPHS-FM
89.1 FM Warren, MI
Warren Consolidated Schools

NEW-FM 89.3 Mhz, First Adjacent
Chatham, ON
OPERATIONAL
Keith Frealey

US - Canadian Working Agreement

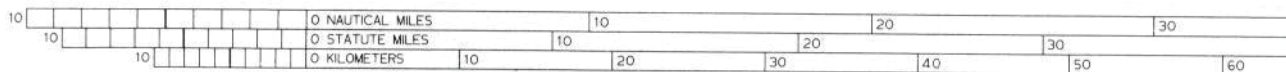
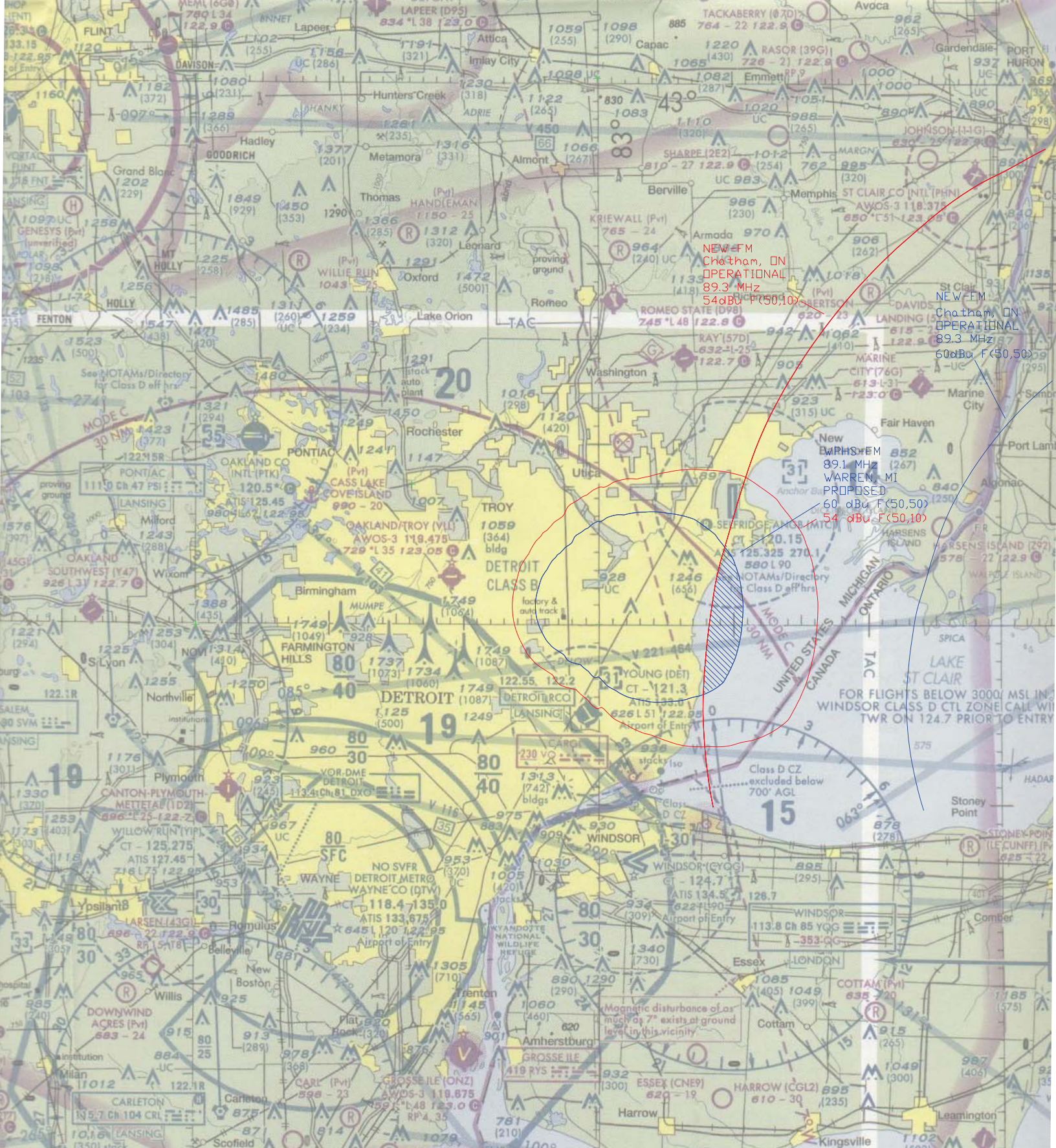
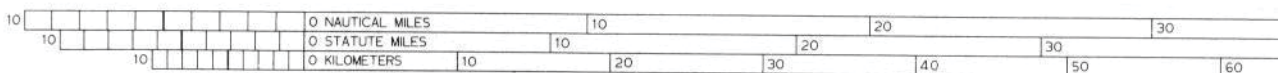


Exhibit - 23B

WPHS-FM
89.1 FM Warren, MI
Warren Consolidated Schools

NEW-FM 89.3 Mhz, First Adjacent
Chatham, ON
OPERATIONAL
Keith Freley



CIMX 88.7 Mhz, Second Adjacent
Windsor, ON
Operational Keith Fraley



Exhibit - 23D

73.509

WPHS-FM
 89.1 FM Warren, MI
 Warren Consolidated Schools

CIMX 88.7 Mhz, Second Adjacent
 Chatham, ON
 Operational Keith Fraley