

VATUSA KANSAS CITY ARTCC AND VATUSA MINNEAPOLIS ARTCC

LETTER OF AGREEMENT

EFFECTIVE: 04/03/2021

SUBJECT: INTERFACILITY COORDINATION

1. **PURPOSE:** This agreement establishes coordination procedures and defines delegation of airspace between VATUSA Kansas City ARTCC (ZKC) and VATUSA Minneapolis ARTCC (ZMP). This agreement is supplemental to procedures contained within FAA Order 7110.65.
2. **DISCLAIMER:** Information contained herein is designed and specifically for use in a virtual air traffic control environment. It is not applicable, nor should it be referenced for live operations in the National Airspace System (NAS).
3. **CANCELLATION:** VATUSA Kansas City ARTCC and VATUSA Minneapolis ARTCC Letter of Agreement dated June 8, 2020.
4. **PROCEDURES:**
 - a. Each ARTCC must route/restrict aircraft in accordance with Attachment B.
 - b. The receiving ARTCC may assume control for beacon code changes and control for turns, on aircraft at or above 10,000 feet MSL, when aircraft are within 20 nautical miles of the common ZMP/ZKC ARTCC boundary. The maximum turn must not exceed 20 degrees and must not affect another sector without proper coordination.
 - c. Aircraft landing within 60 miles of the boundary must enter the receiving ARTCC's airspace AOB FL230, and the receiving ARTCC must have control for descent and turns.
 - d. Data Block Coordination and Interim Altitude Procedures.
 - (1) Data blocks must reflect the aircraft's assigned altitude at the time of handoff.
 - (2) Handoffs must be directed to the appropriate sector for the aircraft's altitude assignment. Acceptance of a radar handoff constitutes approval coordination for that aircraft to climb or descend to the displayed altitude.
 - (3) Use of interim (temp) altitudes is authorized between Kansas City ARTCC and Minneapolis ARTCC and must represent valid altitude coordination. Use of interim altitudes must not be authorized to coordinate Inappropriate Altitude for Direction of Flight (IAFDOF), or to supersede altitude restrictions established within this Letter of Agreement.
 - (4) When unable to approve the automated altitude, the receiving controller must verbally coordinate with the transferring controller prior to acceptance of the handoff.
 - e. Aircraft unable to comply with required routes or altitudes must be coordinated with the receiving ARTCC on an individual basis.
5. **ATTACHMENTS:**
 - a. Attachment A – Radar Sectors
 - b. Attachment B – Route/Altitude Restrictions

_____/s/
Dhruv Kalra
Air Traffic Manager
VATUSA Minneapolis ARTCC

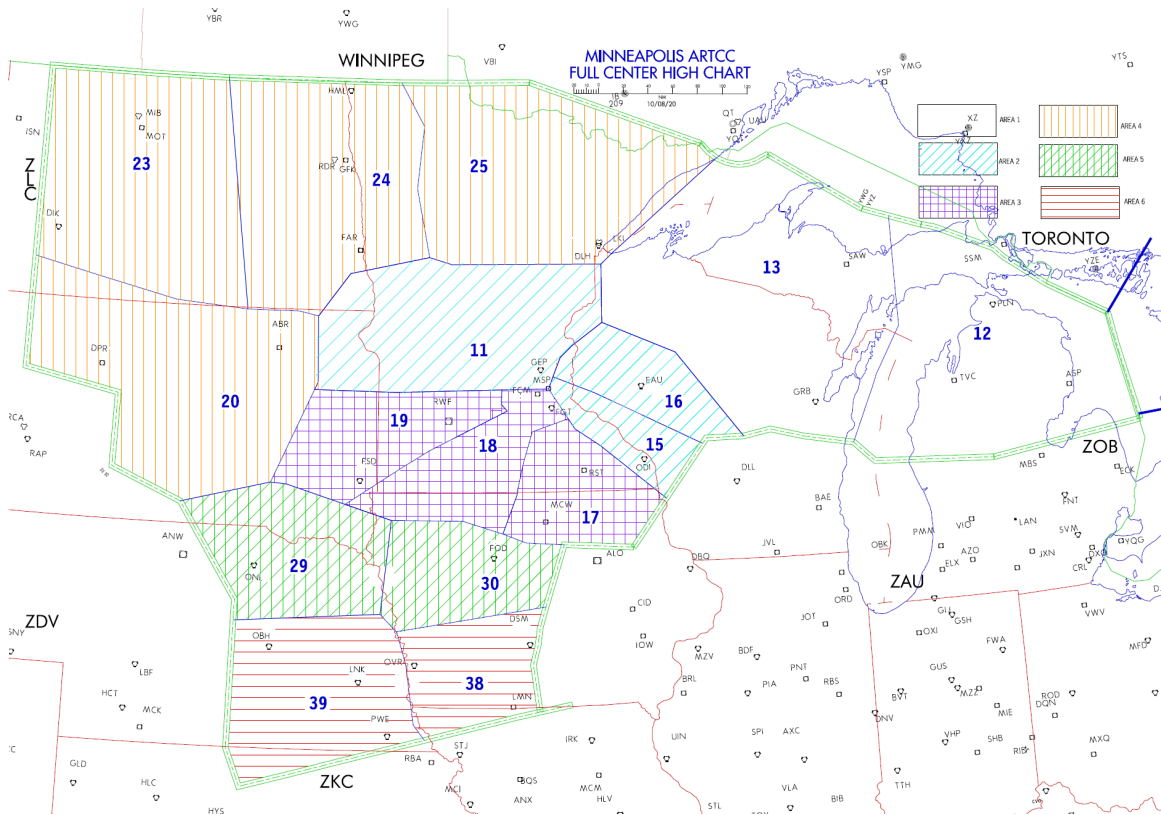
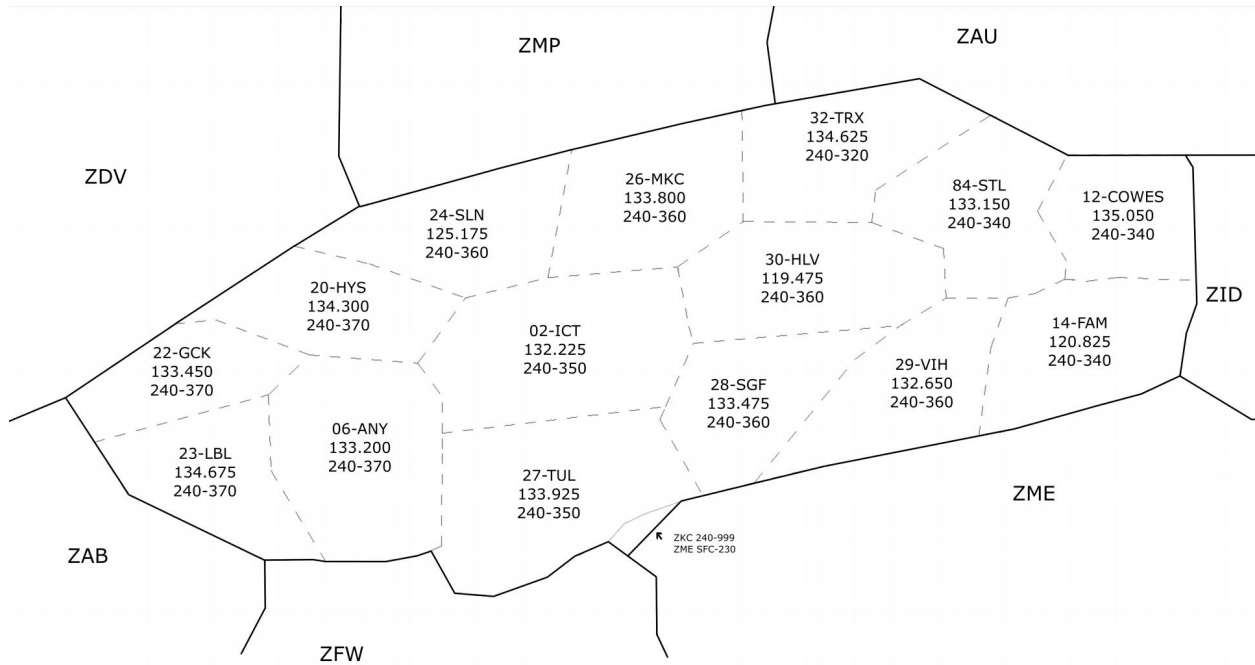
_____/s/
Kyle Kaestner
Air Traffic Manager
VATUSA Kansas City ARTCC

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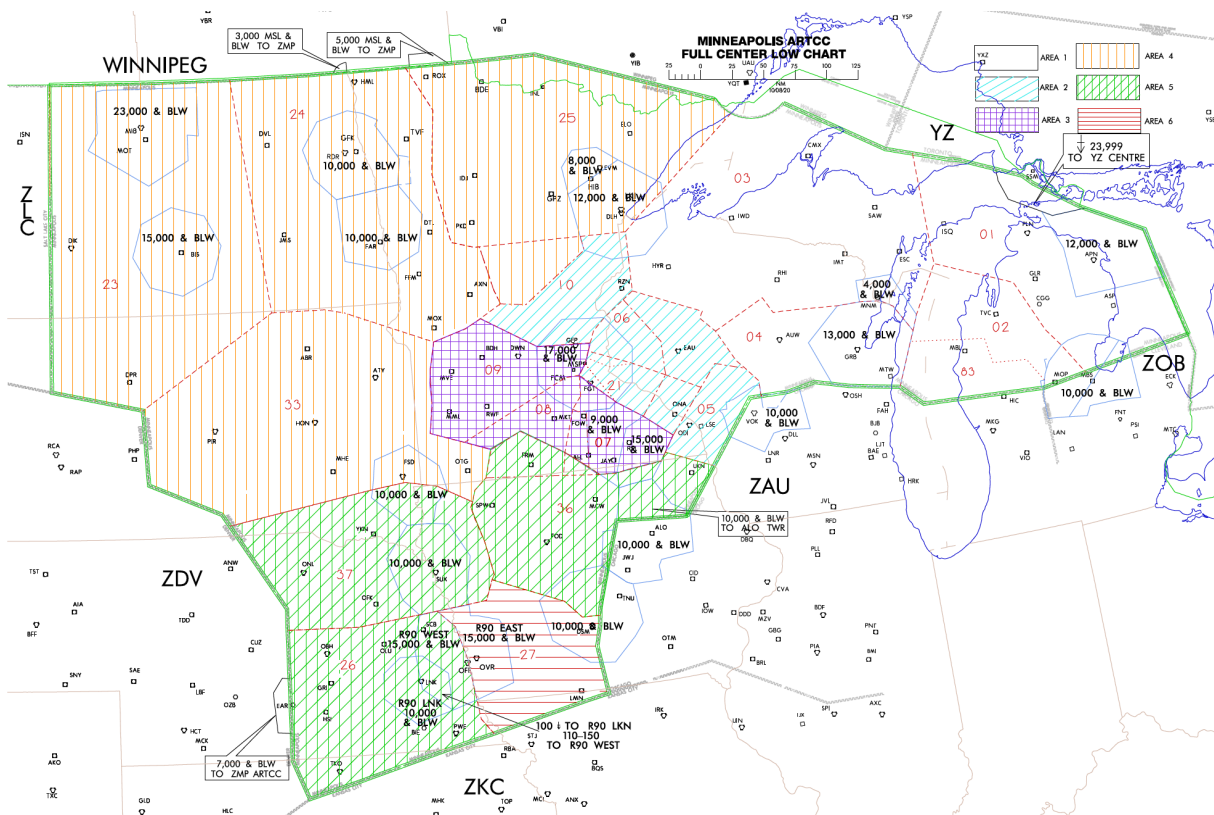
ATTACHMENT A – RADAR SECTORS

HIGH ALTITUDE (FL240+)



For VATSIM Use Only

LOW ALTITUDE (SFC-FL230)



For VATSIM Use Only

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LETTER OF AGREEMENT

ATTACHMENT B – ROUTES/ALTITUDE RESTRICTIONS

FROM ZKC TO ZMP

Arrival Airport(s)	Qualifier	Route Via	Altitude (Cross ZKC/ZMP Boundary, unless otherwise noted)
MSP	Turbojets	ROKKK.NITZR STAR (RNAV) or FOD.KASPR STAR	
	Turboprops	FOD..KASPR.KASPR STAR	
	All STL Departures	MNOSO.BLUEM STAR (RNAV) or ALO.KASPR STAR	
MSP Satellites (ANE FCM LVN MIC STP) ¹	All	FOD.TWOLF STAR	
OMA/OFF	AOA 16,000 MSL	PWE or MARWI STARs ²	East of BACNN: AOB FL320 ³ West of BACNN: AOB FL280 ⁴
LNK	AOA 16,000 MSL		East of BACNN: AOB FL320 ³ West of BACNN: AOB FL280 ⁴
DSM	AOA 11,000 MSL		AOB FL280 ⁴

¹ MSP satellite arrivals must enter ZMP either in-trail with or below MSP arrivals

² MARWI STAR arrivals may be routed direct MARWI without coordination.

³ ZKC releases control for descent to FL240 20NM from the ZMP/ZKC common boundary.

⁴ Aircraft must be descending to FL240 at pilot's discretion.

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LETTER OF AGREEMENT

FROM ZMP TO ZKC

Arrival Airport(s)	Qualifier	Route Via	Altitude (Cross ZKC/ZMP Boundary, unless otherwise noted)
MCI ¹	All	JSONN STAR or BQS STAR	JSONN STAR cross ASIIX/DPEAK AOB FL230
MCI Satellites (MKC OJC FLV IXD) ¹	All	ASIIX/DPEAK JSONN JUDAA or BQS STAR ²	ASIIX/DPEAK AOB FL230
STL	All	RIVRS/LORLE STAR ³	

¹ ZKC must have control for descent of all MCI TRACON arrival aircraft 20NM from the ZMP/ZKC common boundary.

² Turboprops may be cleared via direct JUDAA or direct BQS.

³ STL arrivals entering ZKC west of J21 may be cleared via ANX.KOOOP/KAYLA STAR