

Letter of Agreement Between Edmonton FIR and Winnipeg FIR

Document Information

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Version	2.0
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Authority	Edmonton and Winnipeg FIR Chiefs
Prepared by	Thomas Smith and Nate Power
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Revision Record

DATE	REVISION BY	VER	NOTES
December 18, 2018	Owen Kane	1.0	Initial document
July 1, 2019	Owen Kane	1.3	Update CZWG frequencies and callsigns, section 5.2
December 3, 2021	Todd Blanchette	–	LOA terminated
November 1, 2022	Thomas Smith	2.0	LOA revised and reinstated

Section 1: Purpose

This Letter of Agreement (LOA) defines the ownership hierarchy for providing ATC services to the Thompson, Hudson, and Severn high-level sectors (FL290 and above).

This change reflects the real-world ownership of this airspace.

Section 2: Description of the Airspace

The airspace described below delegated to the Edmonton FIR by the Winnipeg FIR is also illustrated in Appendix B.

Transferred Sectors or Airspace Defined by Bounding and Geographic Coordinates			
Airspace/Sector	Bounding In	Geographic Coordinates	
Thompson	Polygon Lines	N055.12.27.440 W107.39.26.010 N053.00.00.000 W102.00.00.000 N053.00.00.000 W102.00.00.000 N052.27.00.000 W101.00.00.000 N052.27.00.000 W101.00.00.000 N052.47.00.000 W099.07.00.000 N052.47.00.000 W099.07.00.000 N052.20.00.000 W095.00.00.000 N052.20.00.000 W095.00.00.000 N052.00.00.000 W093.00.00.000 N052.00.00.000 W093.00.00.000 N057.30.00.000 W090.45.00.000 N057.30.00.000 W090.45.00.000 N061.00.00.000 W098.00.00.000 N061.00.00.000 W098.00.00.000 N055.12.27.440 W107.39.26.010	
Severn	Polygon Lines	N052.00.15.912 W093.00.42.305 N057.30.21.339 W090.45.12.802 N057.30.21.339 W090.45.12.802 N058.30.12.997 W080.01.09.036 N058.30.12.997 W080.01.09.036 N053.29.12.090 W079.59.14.535 N053.29.12.090 W079.59.14.535 N050.08.31.484 W085.37.58.294 N050.08.31.484 W085.37.58.294 N052.00.15.912 W093.00.42.305	
Hudson	Polygon Lines	N061.00.00.000 W098.00.00.000 N063.00.00.000 W091.00.00.000 N063.00.00.000 W091.00.00.000 N064.45.00.000 W080.00.00.000 N064.45.00.000 W080.00.00.000 N064.02.00.000 W074.00.00.000 N064.02.00.000 W074.00.00.000 N062.45.00.000 W080.00.00.000 N062.45.00.000 W080.00.00.000 N058.30.00.000 W080.00.00.000 N058.30.00.000 W080.00.00.000 N057.30.00.000 W090.45.00.000 N057.30.00.000 W090.45.00.000 N061.00.00.000 W098.00.00.000	

Section 3: Ownership Hierarchy

Edmonton (CZEG) and Winnipeg (CZWG) are responsible for providing air traffic control services (ATC) within their respective FIRs in accordance with Nav Canada boundaries and VATSIM COC/COR and VATCAN policies, and local SOPs. The ownership of the sectors pertaining to this LOA is detailed in the table below.

Sector	Owner
Thompson (FL290 and above)	CZEG
Hudson (FL290 and above)	CZEG
Severn (FL290 and above)	CZEG

CZEG will assume responsibility for providing air traffic services for high-level sectors (FL290 and above) Thomson, Hudson and Severn.

Section 4: Inter-FIR Operational Procedures When Both FIRs are Operating

Unless otherwise coordinated, Edmonton and Winnipeg ACCs are responsible for the relay of IFR and CVFR flight plan data between adjacent ACCs for all flights crossing the common control boundary.

As defined by Euroscope and normal practice within VATCAN, established procedures will be followed by the respective ACCs for transfer of control (TOC) defined as handoffs, transfers or releases.

Section 4.1: Edmonton Controller Frequencies

Winnipeg controllers should refer to the following table when initiating a TOC of an aircraft inbound to, or entering, the Edmonton FIR when an CZEG_FSS or CZEG_CTR is online.

Edmonton Controllers to Transfer to When Aircraft Enter Edmonton Sectors					
Position	Callsign	Code	Freq	Altitude	Notes
CZEG_FSS	Edmonton CTR	ZFS	135.025	FL290 to FL600	Traffic transiting or climbing into the Northern Control Area (NCA) from Severn, Thompson and Hudson.
CZEG_FSS	Edmonton CTR	ZFS	135.025	GND to FL600	Traffic in the Souther Control Area (SCA) leaving CZWG to enter CZEG airspace.
CZEG_CTR	Edmonton CTR	QC	135.75	GND to FL600	When CZEG_FSS is offline, CZEG_CTR does NOT assume control of traffic entering the NCA from Severn, Hudson or Thompson.

Section 4.2: Winnipeg Controller Frequencies

Edmonton controllers should refer to the following table when initiating a TOC of an aircraft inbound to Calgary when an Edmonton Controller is online.

Edmonton Controllers To Transfer To When Aircraft Enters Winnipeg Sectors					
Position	Callsign	Code	Freq	Altitude	Notes
CZWG_CTR	Winnipeg CTR	HD	124.00	GND to FL 600	Covering all CZWG airspace defined as south of Thompson and Severn boundaries.

Section 5: Sector File Changes

Changes required to implement this letter of agreement will be performed on CZWG's sector files as follows:

High-level Sectors in the Winnipeg FIR Affected by the LOA			
Sector	Thompson	Hudson	Severn
Floor:Ceiling	28500:60000	28500:60000	28500:60000
Owner	CZEG_FSS	CZEG_FSS	CZEG_FSS

Within the CZEG sector files, Winnipeg Centre is defined as WPC operating on a frequency of 124.00. Winnipeg FIR will advise the Edmonton FIR if additional Ownership Hierarchy and Controller Positions are to be added.

No further sector file changes are required prior to the signing of this agreement. However, both FIR Chiefs will ask their respective Facility Engineers to discuss any inter-FIR changes and additions which could improve the workflow for this LOA.

Section 6: Delegation of Signing Authority

The signing authority to amend any portion of this LOA, including attachments, is delegated to the CZWG and CZEG FIR Chiefs or their designated representatives. All amendments must follow the proper review and validation process and must have received approval from both FIRs.

Section 7: Annual Reviews and Initial Six-month Evaluation

It is agreed that at six months from the initial effective date and on an annual basis from the effective date of November 2, 2022, an evaluation will be conducted for the purposes of assessing the outcome on the implementation of this LOA.

CZEG and CZWG FIR Chiefs or delegates will communicate with all parties, including but not limited to CZUL, CZZY, VOLANTA, VATSPY and SIMAWARE about these changes to ensure proper coordination and TOC between FIRs and to minimize pilot confusion when transiting this airspace.

Section 8: Communication

Communication of the implementation of this Letter of Agreement, or termination thereof, must be sent by both FIR Chiefs, or their assigned delegates, to the respective certified controllers and posted on the respective FIR websites and VATCAN forums.

Section 9: Appendices

Appendices from the original LOA between CZEG and CZWG from 26 May 2016 are relevant for the purposes of this Letter of Agreement and are included as part of the LOA.

The following appendices are included on separate pages following:

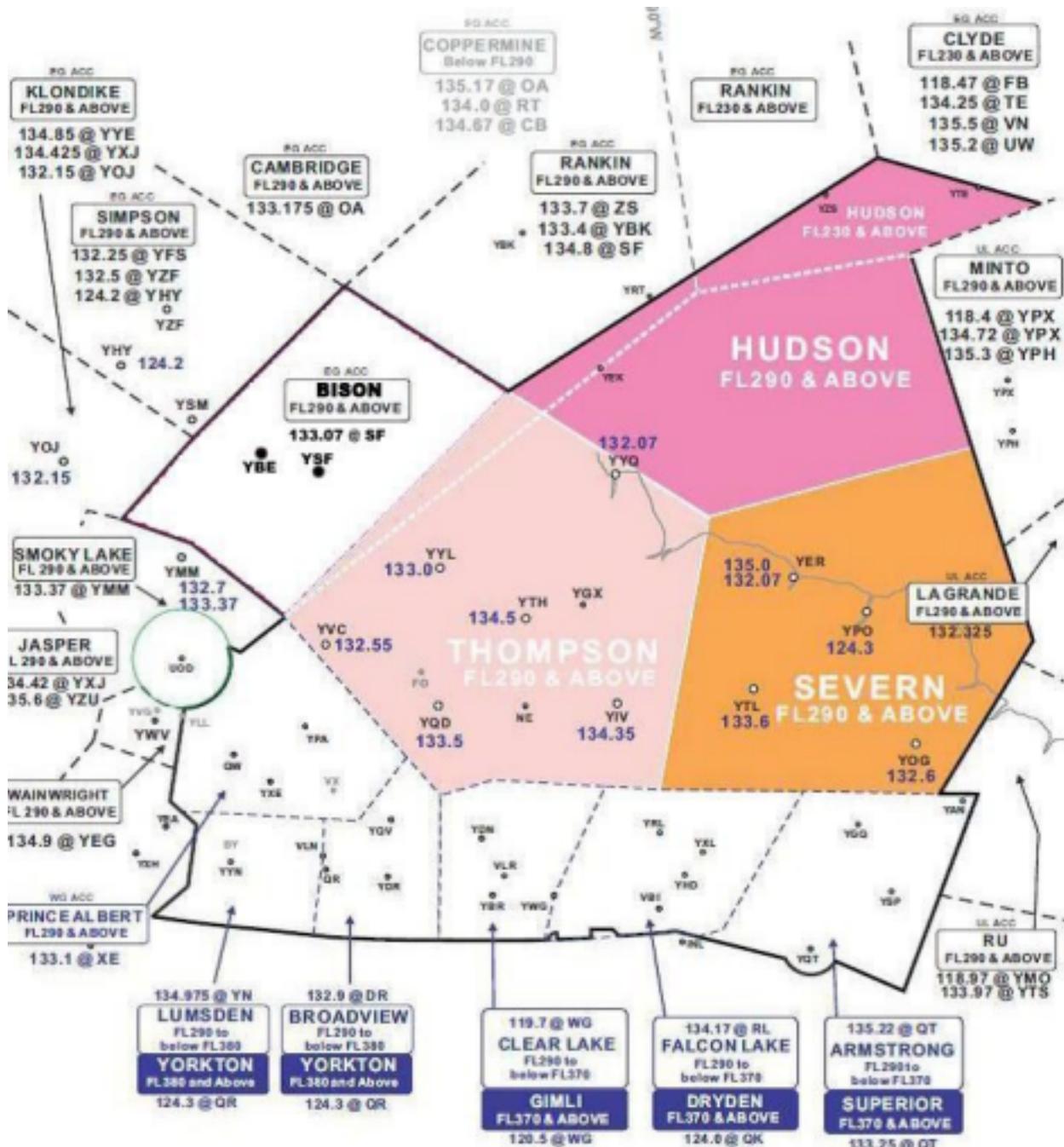
Appendix A: Sectors in Colour Delegated by Winnipeg ACC to Edmonton ACC.

Appendix B: Edmonton Airspace with High and Low Sectors and Surrounding FIRs and ARTCCs

Appendix C: Winnipeg High Sectors FL290 and Above

Appendix D: Winnipeg Low Sectors FL290 and Above

Appendix A: Sectors in Colour Delegated by Winnipeg ACC to Edmonton ACC.



Appendix B: Edmonton Airspace with High and Low Sectors and Surrounding FIRs and ARTCCs



Section 11: Authorizing Signatures

<i>Thomas Smith</i>		
CZEG FIR Chief November 2, 2022		CZWG FIR Chief November 2, 2022