



Letter of Agreement (LoA)

Bordeaux ACC (LFBB)

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1. PURPOSE

The purpose of this Letter of Agreement (LoA) is to define the coordination procedures to be applied within **Bordeaux ACC** when providing Air Traffic Services (ATS) under IFR or VFR flight rules.

The content of the agreement is approved by the concerned ATC Operations Department and FIR Chiefs and its application is mandatory for all IVAO members providing ATS within an active position concerned by this LoA.

2. GENERAL PROCEDURES

Traffic in sequence at the same flight level shall be handed over with minimum spacing of 10 NM.

Traffic in sequence shall be handed over with minimum spacing of 5 NM.

This separation must be constant (aircrafts restrained to the same speed) or increasing (following traffic is slower than leading traffic).

Coordination of speed control should be granted via entries in radar labels and does neither need approval nor acknowledgement by receiving sector.

Traffic shall be handed over **as soon as practical and, whenever possible, at latest 3000 ft before reaching the cleared flight level**. In case the transfer point is not defined within this LoA, traffics should be transferred at the latest ten (10) miles before the limit of the area of responsibility.

Traffic in sequence shall be handed over properly separated and clear of any conflict. The receiving ATC unit cannot issue a clearance modifying the traffic's route, altitude, or speed (unless by direct coordination between ATC units) until it enters his sector and therefore leaves the area of responsibility from the transferring ATC unit, which remains responsible for separation.

Free Route Airspace in Bordeaux UTA (LFFRASW) is defined from FL195 to FL660.

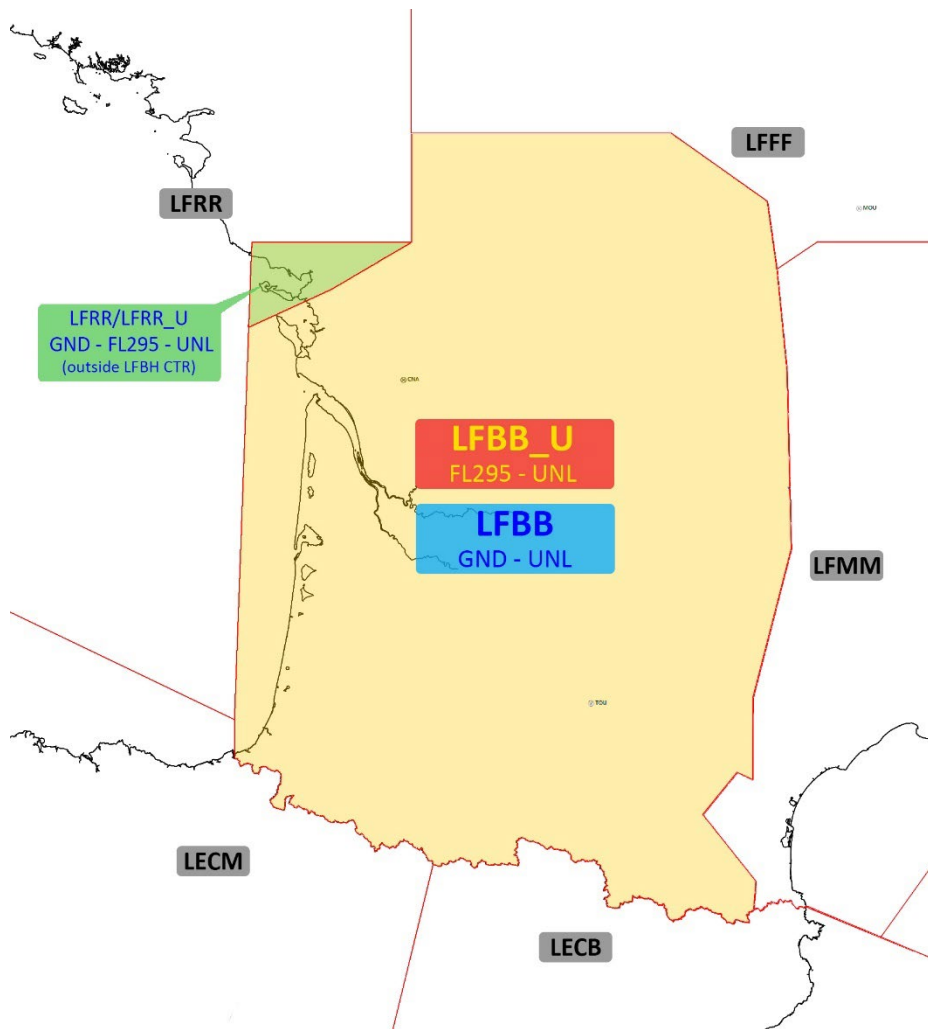
Free Route Airspace (FRA) is a specified airspace within which users may freely plan a route between a defined entry point and a defined exit point, with the possibility of routing via published intermediate significant points, without reference to the ATS route network.

3. ATS UNIT DESCRIPTION

3.1. ACC POSITIONS

The ATC unit in charge of the airspaces under the responsibility of Bordeaux ACC is **Bordeaux Control** and consists in one primary sector: LFBB_CTR. This ATC unit may be split into two different subsectors : LFBB_CTR and LFBB_U_CTR, according the conditions defined by [ATC rule 4.3](#).

The lateral and vertical boundaries of the airspace under the responsibility of the ACC are indicated in the images and tables below.



Positions ATC	Callsign	Freq.	Notes
<i>Primary sectors</i>			
Bordeaux Control	LFBB_CTR	125.105	SFC-UNL; SFC-FL295 if LFBB_U_CTR is active
<i>Secondary sectors</i>			
Bordeaux Control	LFBB_U_CTR	127.675	FL295-UNL

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Whenever an ACC position (CTR) requires a specific sector split, it will be decided on a case-by-case basis by the FIR Chiefs and the ATC Department. An ATC briefing will be provided to the relevant controllers.

Within the French Division, the highest position receives any underlying positions by delegation when these are not active on the network.

The distribution of APP positions in function of ACC positions is done as follows:

ATC Positions	Callsign	Delegated positions
Bordeaux Control	LFBB_CTR	Cazaux APP and underlying positions Aquitaine APP and underlying positions Cognac APP and underlying positions La Rochelle APP and underlying positions Poitiers APP and underlying positions Limoges APP and underlying positions Marsan APP and underlying positions Toulouse APP and underlying positions Pyrénées APP and underlying positions Dax APP and underlying positions Biarritz APP and underlying positions Avord APP and underlying positions
Bordeaux Control (Upper)	LFBB_U_CTR	None

As a reminder, ACC positions provide Flight Information Service (FIS) in the airspaces which are delegated to them (including aerodromes with an AFIS position) within the boundary of their skills and actual traffic load. If the controller is not able to provide flight information service, he will indicate so in his ATIS.

Likewise, the delegation of APP positions implies the control of the applicable **TWR and GND position**.

However, an ACC controller can limit the services he provides to **essential clearances** (start-up, taxi, take-off, landing) and transfer traffics on UNICOM **when they're not conflicting** with other traffics.

3.2. TERMINAL POSITIONS

The frequencies of the positions listed below can be found by [clicking on this link](#).

Whenever a terminal position (APP or DEP) requires a specific sector split, it will be decided on a case-by-case basis by the FIR Chiefs and the ATC Department. An ATC briefing will be provided to the relevant controllers.

Whenever an *approach position « A »* is delegated to an **approach position « B »**, it must be assumed that all the airspaces normally under the responsibility of *approach « A »* are delegated to **approach « B »** whenever *approach « A »* is not active.

One or more *specific airspaces* could also be delegated to an **approach position « B »** whenever *approach « A »*, who would normally be responsible, is not active.

Airspaces under the responsibility of approach positions (APP) or airspaces delegated to approach positions (APP) are described in the following table :

ATC Positions	Callsign	AoR	Underlying positions	Airspace delegations
Aquitaine Sector				
Cazaux	LFBC_APP	LF-R31 A1-A4 LF-R31 B LF-R31 H-HZ	LFBC_TWR	<i>Cazaux APP</i> is delegated to Aquitaine APP
Aquitaine	LFBD_APP	TMA 1-10 SIV 1-2 CTA 1-2 Bordeaux	LFBD_TWR LFBE_TWR LFBS_TWR LFBX_FIS_TWR LFCH_FIS_TWR LFCY_FIS_TWR	<i>Cazaux APP, Cognac APP and La Rochelle APP</i> are delegated to Aquitaine APP <i>SIV 2 AQUITAINE</i> is delegated to La Rochelle APP
Cognac	LFBG_APP	CTA Cognac	LFBG_TWR	<i>Cognac APP</i> is delegated to Aquitaine APP <i>Aquitaine APP, Limoges APP and Poitiers APP</i> provide FIS inside CTA COGNAC within their airspaces
La Rochelle	LFBH_APP	TMA 1-4 SIV 1-2	LFBH_TWR LFDN_FIS_TWR	<i>La Rochelle APP</i> is delegated to Aquitaine APP <i>SIV 2 AQUITAINE</i> is delegated to La Rochelle APP <i>TMA 1 LA ROCHELLE</i> is delegated to Nantes APP <i>SIV 1 LA ROCHELLE and SIV 2.1 & 4 NANTES</i> airspace delegations are covered in LOA-FR-LFBB-LFRR LoA
Limoges-Poitiers Sector				
Poitiers	LFBI_APP	TMA 1-5 SIV	LFBI_TWR LFBN_FIS_TWR LFLX_FIS_TWR	<i>Poitiers APP</i> provides FIS inside CTA COGNAC within its airspace
Limoges	LFBL_APP	TMA 1-6 SIV CTA Limoges	LFBK_FIS_TWR LFBL_TWR LFBU_FIS_TWR LFSL_FIS_TWR	<i>Avord APP</i> is delegated to Limoges APP <i>Limoges APP</i> provides FIS inside CTA COGNAC within its airspace
Avord	LFOA_APP	TMA 1-2	LFLD_FIS_TWR LFOA_TWR LFQG_FIS_TWR	<i>Avord APP</i> is delegated to Limoges APP

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Toulouse Sector

Toulouse	LFBO_APP	TMA 1-6 CTA 1-4 SIV LTA France 5.1-5.2	LFBA_TWR LFBF_FIS_TWR LFBO_TWR LFBR_TWR LFCI_FIS_TWR LFCK_FIS_TWR LFCL_TWR LFDJ_FIS_TWR LFMK_TWR	<i>Toulouse APP provides FIS inside LTA FRANCE 5.1 and 5.2 within its airspace</i>
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Pyrénées Sector

Marsan	LFBM_APP	TMA 1-3	LFBM_TWR	<i>Marsan APP is delegated to Pyrénées APP</i>
Pyrénées	LFBP_APP	TMA 1-8 SIV LTA France 5.1	LFBP_TWR LFBT_TWR LFDH_FIS_TWR	<i>Marsan APP is delegated to Pyrénées APP Pyrénées APP provides FIS inside LTA FRANCE 5.1 within its airspace</i>
Dax	LFBY_APP	LF-R40 A-B	LFBY_TWR	<i>Dax APP is delegated to Biarritz APP</i>
Biarritz	LFBZ_APP	TMA 1-9 SIV LTA France 5.1	LFBZ_TWR	<i>Dax APP is delegated to Biarritz APP Biarritz APP provides FIS inside LTA FRANCE 5.1 within its airspace</i>

3.3. AERODROME POSITIONS

The frequencies of the positions listed below can be found by [clicking on this link](#).

Whenever an aerodrome position (TWR, GND or DEL) requires a specific sector split, it will be decided on a case-by-case basis by the FIR Chiefs and the ATC Department. An ATC briefing will be provided to the relevant controllers.

The ATC units responsible for the airspaces related to aerodromes are described in the following table :

Positions ATC	Indicatifs	Remarques
Agen	LFBA_TWR	-
Cazaux	LFBC_TWR	Closed to public air traffic
Mérignac	LFBD_TWR LFBD_GND	Manages HARC (Arcachon CH), HBHL (Haut Lévêque CH), HBOR (Pellegrin CH) and HBO2 Robert Picqué CH)
Bergerac	LFBE_TWR	-
Francazal	LFBF_FIS_TWR	-
Cognac	LFBG_TWR	Restricted use
La Rochelle	LFBH_TWR	Manages HLRC (La Rochelle CH)
Poitiers	LFBI_TWR	Manages HPOI (Poitiers CH)
Montluçon	LFBK_FIS_TWR	-
Limoges	LFBL_TWR	Manages HANG (Angoulême CH)
Marsan	LFBM_TWR	Closed to public air traffic
Niort	LFBN_FIS_TWR	-
Blagnac	LFBO_TWR LFBO_GND LFBO_DEL	Manages HTPP (Purpan CH) and HTRP (Rangueil CH)
Pau	LFBP_TWR LFBP_GND	Manages HPAU (Pau CH) and LFJV (Lasclaveries)
Muret	LFBR_TWR LFBR_GND	-
Biscarrosse	LFBS_TWR	-
Lourdes	LFBT_TWR LFBT_GND	-
Angoulême	LFBU_FIS_TWR	-
Périgueux	LFBX_FIS_TWR	-
Dax	LFBY_TWR LFBY_GND	Manages HDAX (DAX CH)
Biarritz	LFBZ_TWR LFBZ_GND	Manages HBAY (Bayonne CH)
Arcachon	LFCH_FIS_TWR	-
Albi	LFCI_FIS_TWR	-
Castres	LFCK_FIS_TWR	-
Lasbordes	LFCL_TWR	-
Royan	LFCY_FIS_TWR	Manages HRYN (Royan CH)
Auch	LFDH_FIS_TWR	-
Pamiers	LFDJ_FIS_TWR	-
Rochefort	LFDN_FIS_TWR	-
Bourges	LFLD_FIS_TWR	-

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Châteauroux	LFLX_TWR	Manages HCTX (Châteauroux CH)
Carcassonne	LFMK_TWR	Manages HCAM (Carcassonne CH)
Avord	LFOA_TWR	Closed to public air traffic
Nevers	LFQG_FIS_TWR	-
Brive	LFSL_TWR	-

4. ATS DELEGATION

No ATS delegation is applicable.

5. COORDINATION PROCEDURES – DEP & ARR

Coordination procedures between the ACC positions of Bordeaux and the underlying approach positions (APP) are defined as follows. They represent a general framework that does not replace the coordination between ATC. Any coordination procedure not mentioned in this LoA must be established on a case-by-case basis.

The coordination between approach positions (APP) and tower positions (TWR) is left at the controllers' initiative.

Some of the transfer scenarios below have been simplified for clarity. Depending on the airspace structure around a position, it could be that a traffic must be transferred to a third-party position which is not listed in the table.

When no direct is defined for departures in the table below, it can be assumed that the controller can give a direct to the first en-route FIX.

5.1. CAZAUX APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBC	-	-	-	LFBC_APP → LFBB_CTR	Coordinate with Aquitaine APP

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFBC	-	-	-	LFBB_CTR → LFBC_APP	Coordinate with Aquitaine APP

5.2. AQUITAINE APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBD	-	FL140	-	LFBD_APP → LFBB_CTR	-
LFBE	-	FL140	-	LFBD_APP → LFBB_CTR	-

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFBD	BCG/MIRBA/ VELIN	FL150	LIBRU	LFBB_CTR → LFBD_APP	-
	CNA/LMG		VAGNA		
	ROYAN		ETPAR		
	VAVIX		DIRAX		
LFBE	-	FL150	IAF	LFBB_CTR → LFBD_APP	-
LFBS	-	FL150	IAF	LFBB_CTR → LFBD_APP	-
LFBX	-	FL150	IAF	LFBB_CTR → LFBD_APP	-
LFKY	-	FL150	IAF	LFBB_CTR → LFBD_APP	-

5.3. COGNAC APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBG	-	FL60	-	LFBG_APP → LFBB_CTR	-

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFBG	-	FL70	IAF	LFBB_CTR → LFBG_APP	-

5.4. LA ROCHELLE APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBH	LUSON	FL110	-	LFBH_APP → LFBB_CTR	Cf. LOA-FR-LFBB-LFRR
	OLERO	FL140	-		-
LFDN	-	FL140	-	LFBH_APP → LFBB_CTR	-

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFBH	Nord	FL120	IAF	LFBB_CTR → LFBH_APP	Cf. LOA-FR-LFBB-LFRR
	Sud	FL150	IAF		-
LFDN	-	FL150	IAF	LFBB_CTR → LFBH_APP	-

5.5. POITIERS APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBI	-	FL140	-	LFBI_APP → LFFF_CTR	-
LFLX	-	FL140	-	LFBI_APP → LFFF_CTR	-

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFBI	-	FL150	IAF	LFFF_CTR → LFBI_APP	-
LFBN	-	FL150	IAF	LFFF_CTR → LFBI_APP	-
LFLX	-	FL150	IAF	LFFF_CTR → LFBI_APP	-

5.6. LIMOGES APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBL	-	FL140	-	LFBL_APP → LFFF_CTR	-
LFBU	-	FL140	-	LFBL_APP → LFFF_CTR	-

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFBK	-	FL150	IAF	LFFF_CTR → LFBL_APP	-
LFBL	-	FL150	IAF	LFFF_CTR → LFBL_APP	-
LFBU	-	FL150	IAF	LFFF_CTR → LFBL_APP	-

5.7. AVORD APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFOA	-	FL060	-	LFOA_APP → LFBB_CTR	-
LFLD	-	FL060	-	LFOA_APP → LFBB_CTR	-
LFQG	-	FL060	-	LFOA_APP → LFBB_CTR	-

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFOA	-	FL070	IAF	LFBB_CTR → LFOA_APP	-
LFLD	-		IAF		-
LFQG	-		IAF		-

5.8. TOULOUSE APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBA	-	FL140	-	LFBO_APP → LFBB_CTR	-
LFBF					
LFBO					
LFBR					
LFCI					
LFCK					
LFDJ					
LFMK					

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes	
LFBA	-	FL150	IAF	LFBB_CTR → LFBO_APP	-	
LFBO LFBF	AFRIC / ORBIL		ADIMO		-	
	NARAK		NARAK			
	SECHE		14 : AGN			
	ASPET / LMB / TOPTU		32: AGENO			
LFBR	-		14 : SURAS		32 : OGRIL	-
LFCI	-		IAF		-	
LFCK	-		IAF		-	
LFDJ	-		IAF		-	
LFMK	-		-		-	-

5.9. MARSAN APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBM	-	-	-	LFBM_APP → LFBB_CTR	Coordinate with Pyrénées APP

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFBM	-	-	-	LFBB_CTR → LFBM_APP	Coordinate with Pyrénées APP

5.10. PYRENEES APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBP	-	FL140	-	LFBP_APP → LFBB_CTR	-
LFBT					
LFDH					

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFBP	TOU / AGN	FL150	TEPTI	LFBB_CTR → LFBP_APP	-
LFBT	SOVOS		ARSIG		
LFDH	-		IAF		

5.11. DAX APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBY	-	-	-	LFBM_APP → LFBB_CTR	Coordinate with Biarritz APP or Marsan APP

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFBY	-	-	-	LFBB_CTR → LFBM_APP	Coordinate with Biarritz APP or Marsan APP

5.12. BIARRITZ APP & BORDEAUX ACC

Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFBZ	-	FL140	-	LFBZ_APP → LFBB_CTR	Coordinate with Biarritz APP

Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFBZ	-	FL150	-	LFBB_CTR → LFBZ_APP	Coordinate with Biarritz APP

6. CONTRIBUTIONS

This document has been drafted in coordination between the French ATC Operations Department and Bordeaux FIR staff.

7. CHANGELOG

Version	Date	Changes
7.0	16/05/2024	<ul style="list-style-type: none">- New format- Update LFBO STAR- Update Toulouse APP AoR- Update Limoges APP AoR- Update La Rochelle APP AoR