



## Letter of Agreement (LoA)

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### **Paris ACC (LFFF) and Brest ACC (LFRR)**

Name: LoA-FR-LFFF-LFRR\_EN

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## 1. PURPOSE

The purpose of this Letter of Agreement (LoA) is to define the coordination procedures to be applied between **Paris ACC** and **Brest 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.

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 Brest UTA (LFFRANW) is defined from FL195 until FL660.

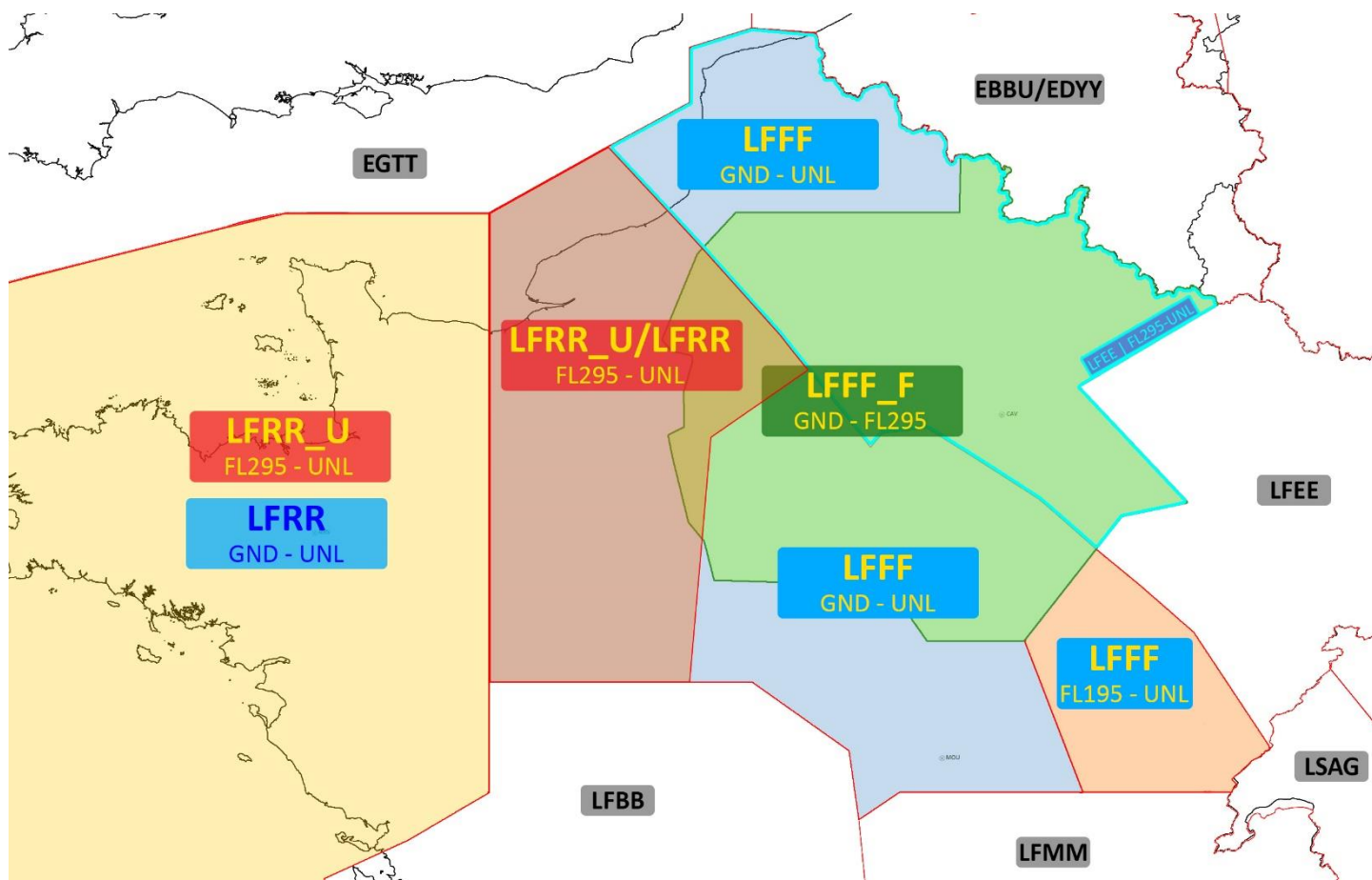
Free Route Airspace (FRA) is a specified airspace within which users may freely plan a route between a defined entry point and a defined exit point, with the possibility of routing via published intermediate significant points, without reference to the ATS route network.

### 3. ATS UNIT DESCRIPTION

The ATC unit in charge of the airspaces under the responsibility of Paris ACC is **Paris Control** and consists in two primary sectors : LFFF\_CTR and LFFF\_F\_CTR.

The ATC unit in charge of the airspaces under the responsibility of Brest ACC is **Brest Control** and consists in one primary sector : LFRR\_CTR. This ATC unit may be split into two different subsectors : LFRR\_CTR and LFRR\_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.



### 3.1. Paris ACC

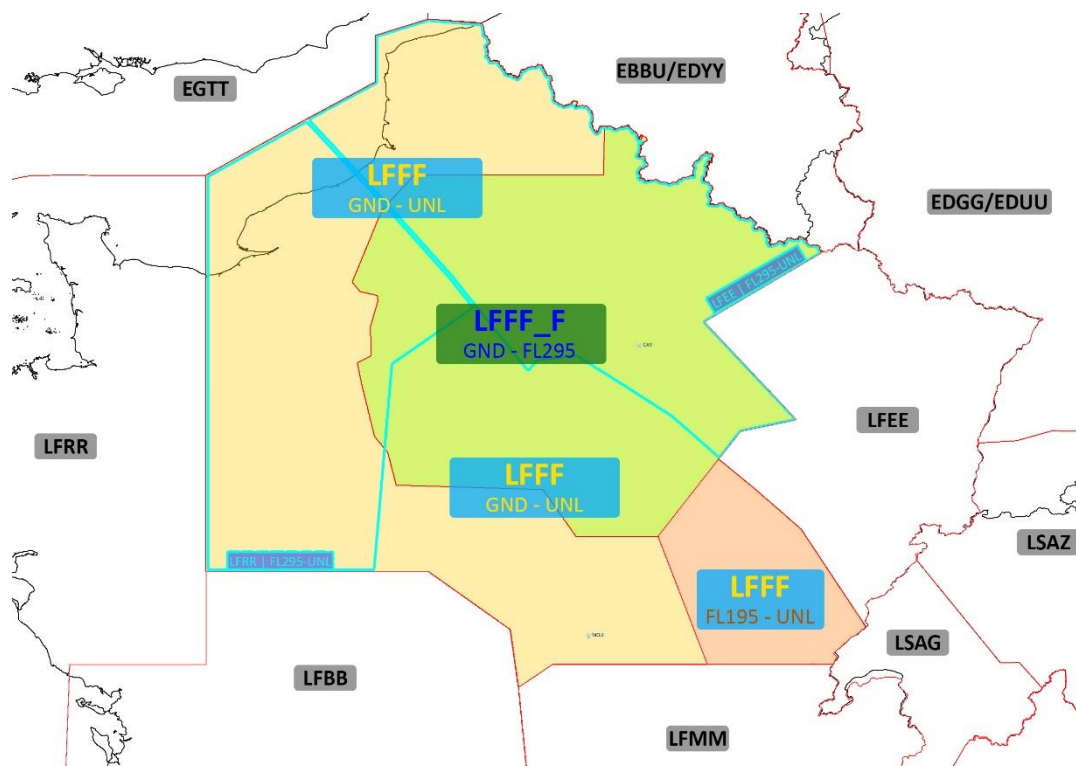
Positions ATC	Callsign	Freq.	Notes
<i>Primary sectors</i>			
Paris Control	LFFF_CTR	128.105	SFC-UNL; SFC-FL295 if delegations is active
Paris Control	LFFF_F_CTR	135.405	SFC-FL295

### 3.2. Brest ACC

Positions ATC	Callsign	Freq.	Notes
<i>Primary sectors</i>			
Brest Control	LFRR_CTR	119.825	SFC-UNL; SFC-FL295 if LFRR_U_CTR is active
<i>Secondary sectors</i>			
Brest Control	LFRR_U_CTR	129.505	FL295-UNL

## 4. ATS DELEGATION

### 4.1. PARIS UTA



The portion of Paris UTA airspace contained within the light-blue zone to the **West** as defined above is delegated to Brest ACC from FL295 to UNL whenever **Brest ACC is opened**.

The portion of Paris UTA airspace contained within the light-blue zone to the **East** as defined above is delegated to Reims ACC from FL295 to UNL whenever **Reims ACC is opened**.

When the ATCo of Brest/Reims ACC and the ATCo of Paris decide no to activate the delegation of airspace, the ATCo of Brest/Reims ACC will indicate in his ATIS : *"Delegated sector over Paris UTA is inactive"*.

### 4.2. RENNES SIV & TMA 5 and 6

The Rennes's TMA 5 and 6 and Rennes's SIV within Paris AoR are delegated to Paris ACC whenever **Brest ACC is closed**.

## 5. COORDINATION PROCEDURES – EN ROUTE

Coordination procedures between the ATC positions under the responsibility of the Paris ACC and those under the responsibility of the Brest ACC 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.

A direct further than the area of responsibility must be coordinated.

Whenever Brest ACC and Reims ACC are opened, traffics in the delegated airspace of Paris UTA (>FL295) are not transferred to Paris ACC. In that case, specific coordination procedures apply via the [LOA-FR-LFEE-LFRR](#).

### 5.1. FROM PARIS TO BREST (LFFF → LFRR)

#### 5.1.1. LOWER AIRSPACE (SFC-FL195)

RTE	DCT	XFER PT	XFER ATC	Restrictions
A5	DIDAK	AoR Boundary	LFRS_APP	If RFL >FL115
	LGL		LFRN_APP	If RFL <FL115
A34	BENAR			
A361	LGL		-	
	PEPAL		LFRN_APP	If RFL <FL115
A532	PEPON			If RFL >FL115
H34	SABLE		If RFL <FL115	
H20	LGL		If RFL >FL115	
H490	LGL		If RFL <FL115	
	ARGED		If RFL >FL115	
J55	LGL		If RFL <FL115	
N160	XOVPA		If RFL >FL115	
	LISEU		If RFL <FL115	
R50	CAN			
R111	CAN		If RFL >FL115	
	LGL		If RFL <FL115	
R491	GALBO		If RFL >FL115	
	LGL		If RFL <FL115	
V3	-		Controlled by Rennes APP if RFL <FL115	

### 5.1.2. UPPER AIRSPACE (FL195-UNL)

RTE	DCT	XFER PT	XFER ATC	Restrictions
UN160	IXINI	AoR Boundary	LFRR_CTR	-
UN491	GALBO			
UN502	ARGED			
UN872	DIDAK			ARR LFRS : DIDAK FL270
UT176	PEPON			-
UT300	RUBIX			
UZ15	DIDAK			ARR LFRS : DIDAK FL270



## 5.2. FROM BREST TO PARIS (LFRR → LFFF)

### 5.2.1. LOWER AIRSPACE (SFC-FL195)

RTE	DCT	XFER PT	XFER ATC	Restrictions				
A53	OBATO	AoR Boundary	LFFF_CTR	-				
H34	SABLE			LFFF_CTR	-			
J116	PEXIR				LFFF_CTR	-		
N160	LISEU			LFFF_CTR		Airways controlled by LFFF_CTR if RFL >FL115		
R50	DPE		LFQQ_APP		-			
R111	LGL		LFFF_CTR	LFFF_CTR	If RFL >FL115			
R491	GALBO				LFFF_CTR	LFFF_CTR	If RFL <FL115	
	LGL						LFFF_CTR	LFFF_CTR
V3	DVL							
V20	SABLE		LFFF_CTR	LFFF_CTR			-	

### 5.2.2. UPPER AIRSPACE (FL195-UNL)

RTE	DCT	XFER PT	XFER ATC	Restrictions																				
UL612	OGULO	AoR Boundary	LFFF_CTR	Entrée LFFRAAC																				
UL976	RONAX			LFFF_CTR	LFFF_CTR	-																		
UM25	INGOR					LFFF_CTR	LFFF_CTR	ARR LFPG : INGOR FL280																
UN160	IXINI							LFFF_CTR	LFFF_CTR	-														
UM163	TABOV									LFFF_CTR	LFFF_CTR	-												
UN482	ANG											LFFF_CTR	LFFF_CTR	ARR LFPO : ANG FL280										
UN491	LGL													LFFF_CTR	LFFF_CTR	-								
UN741	ANG															LFFF_CTR	LFFF_CTR	ARR LFPG : ANG FL280						
UN873	RONAX																	LFFF_CTR	LFFF_CTR	-				
UT188	CHW																			LFFF_CTR	LFFF_CTR	-		
UZ297	INGOR																					LFFF_CTR	LFFF_CTR	ARR LFOB/LFPB : INGOR FL200

## 6. COORDINATION PROCEDURES – DEP & ARR

Coordination procedures between the ACC positions of Paris and Brest and the adjacent 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.

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.

### 6.1. ZONE PARIS

#### Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFOB	-	FL290	-	LFFF_CTR → LFRR_CTR	-
LFPB			-		-
LFPG			-		-
LFPO			-		-
LFPV			-		-

#### Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFOB	PEXIR	FL200	INGOR	LFRR_CTR → LFFF_CTR	INGOR FL200
LFPB				LFRR_CTR → LFFF_CTR	
LFPG	KEPER	FL280	ANG	LFRR_CTR → LFFF_CTR	ANG FL280
	LUKIP	FL280	INGOR		INGOR FL280
	SABLE	-	SABLE		ARR LTA Anticipate transfer to LFFF ACC
LFPO	NIMER	FL280	ANG	LFRR_CTR → LFFF_CTR	ANG FL280

## 6.2. NANTES SIV

### Departures

AD	DEP	ALT/FL	DCT	XFER	Notes
LFRS	ANG	-	-	LFRR_CTR → LFFF_CTR	If CRZ FL < FL295

### Arrivals

AD	ARR	ALT/FL	DCT	XFER	Notes
LFRS	VALAX	FL270	DIDAK	LFFF_CTR → LFRR_CTR	-

## 6.3. RENNES SIV

### Départs

AD	DEP	ALT/FL	DCT	XFER	Notes
LFRN	-	-	-	LFRR_CTR → LFFF_CTR	If CRZ FL < FL295
LFRG LFRK	LGL / DPE / ELBOX / LISEU	FL110	-	LFRN_APP → LFFF_CTR	-

### Arrivées

AD	ARR	ALT/FL	DCT	XFER	Notes
LFRN	-	-	-	LFFF_CTR → LFRN_APP	-
LFRG LFRK	DPE / ROU / BERNO / LGL	FL120	-		Anticipate transfer to allow Approach to deal with STAR

## 7. CONTRIBUTIONS

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

## 8. CHANGELOG

Version	Date	Changes
8.0	11/04/2024	<ul style="list-style-type: none"><li>- Suppression of coordinations DEP &amp; ARR Deauville area after the takeback of Deauville by Rennes</li><li>- Update of ENR coordination with airspaces at AIRAC 2404</li><li>- Update of DEP &amp; ARR coordination in Rennes area</li></ul>