Letter of Agreement

Between

Belux vACC

And

The French vACC

On the matter of standard cross border ATC procedures

French vACC

Belux vACC

Version: 2012/01

Approved by:

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Next planned revision:

Nil

Change control

Version	Change
2012/01	Reformatting, adding SORAL delegation, updated transfer levels

Generalities

This Letter of Agreement details the conditions and requirements agreed by the **French vACC** and **Belux vACC** for the transfer of traffic between the following FIRs:

- ➔ **LFEE**
- ➔ **LFFF**
- ➔ **EBBU**
- ➔ **EDYY**

Upon transfer, IFR aircraft are to conform to ICAO standard cruising levels (or agreed levels if these are different), incorporating the implementation of Reduced Vertical Separation Minima (RVSM). Parity of levels shall follow published airways parity, or failing that:

1. The semicircular rule in FIRs of EBBU, EDYY.
2. The north-south rule in France, where flights going north (heading between 271 and 089) shall be at even levels, and flights going south (heading between 090 and 270) shall be at an odd flight level.

The originating sector is responsible for executing the parity change.

IFR traffic is limited to airways, as published on the appropriate charts. Aircraft may only be transferred between the above FIRs off route with prior coordination and agreement (at least 5 minutes before the FIR boundary crossing). If traffic cannot be accepted off route it must be re-routed via the existing airways pattern.

Aircraft are to be transferred no later than 3 minutes before the FIR boundary, or earlier than this where stated below. Upon transfer, unless agreed otherwise, traffic is released to continue their climb to RFL should they were already climbing.

Lateral standard en route separation minima is 5nm.

Silent handoffs (SHO) are standard. The originating sector must not wait for the digital acceptance of the flight before passing the frequency on to the pilot. The receiving sector will assume the flight when the pilot checks in on the frequency. Adjacent sectors will make every effort to inform each other in good time if they go offline so no more flights are passed.

If a translated version of this Letter of Agreement is available in a language other than English, when there is a difference in interpretation, the English version will be the overriding authority.

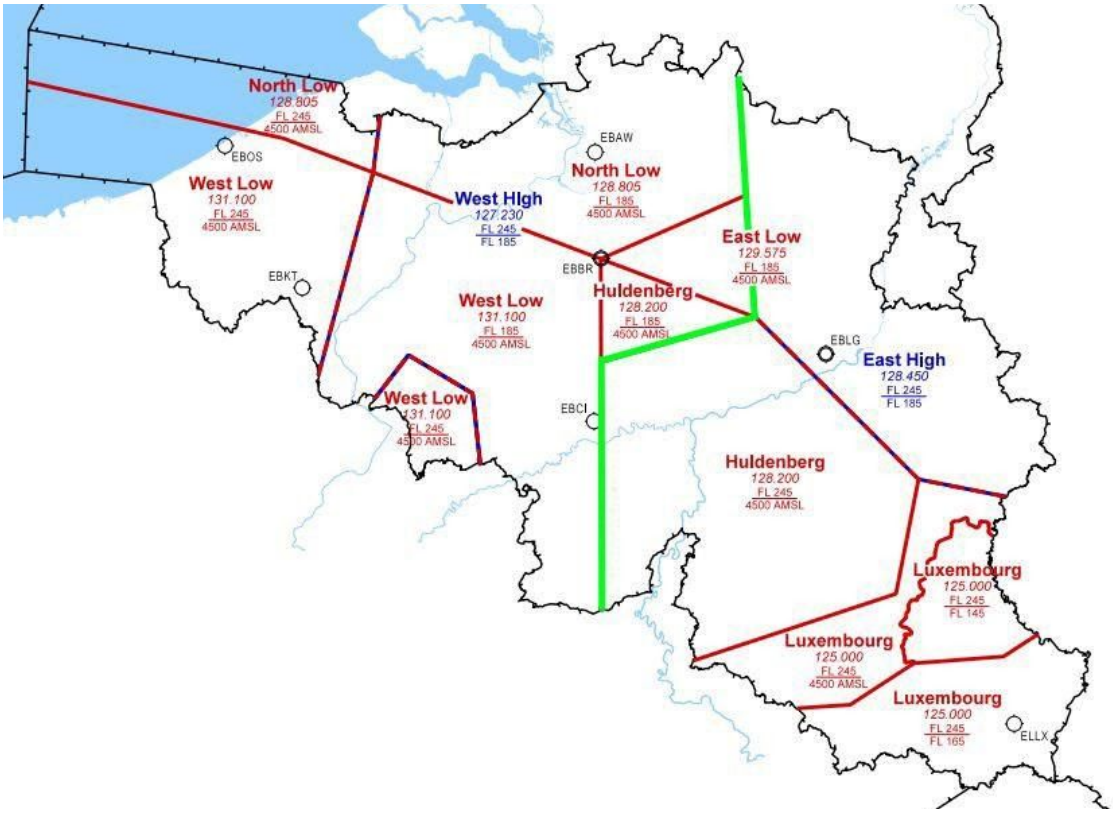
Control sectors

1. General note

Control sectors may be deviated against for specific, time limited events, after prior coordination.

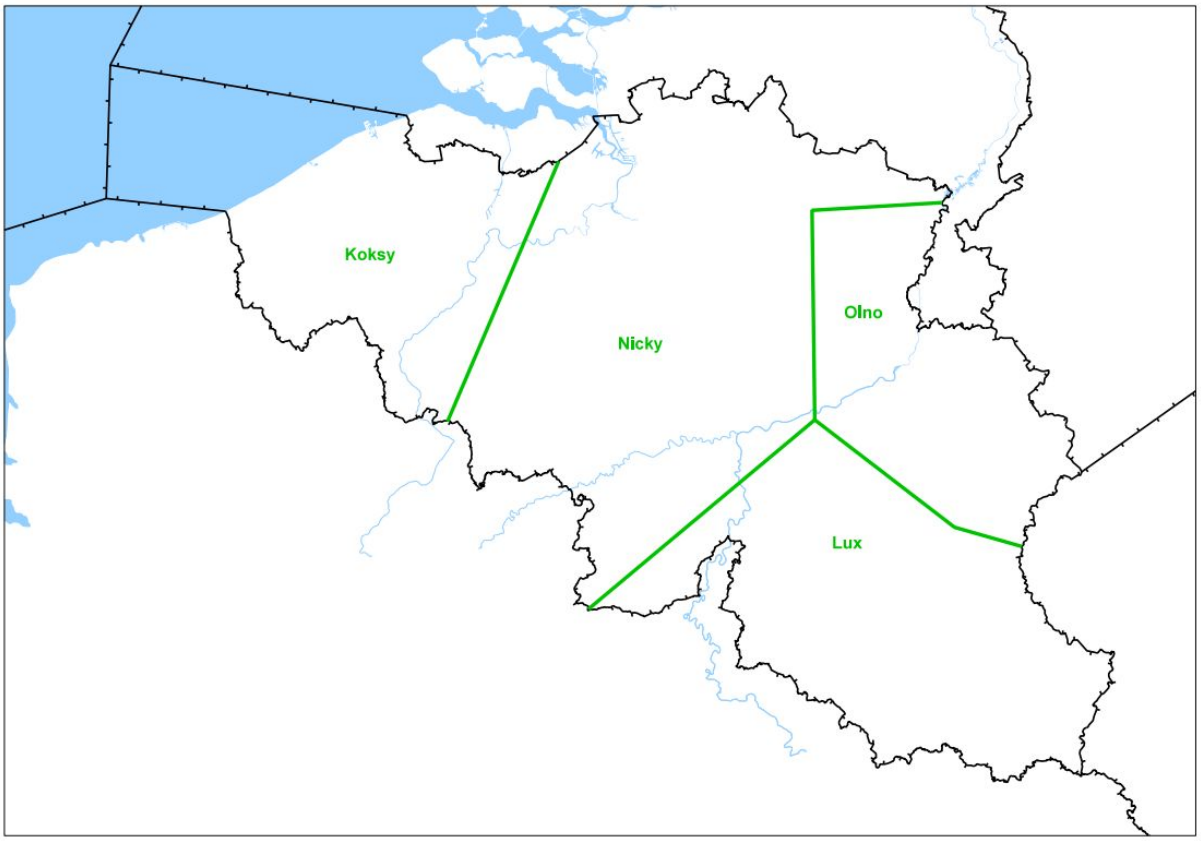
2. Control sectors of EBBU

Callsign	Frequency	Floor	Ceiling	Ownership	Comment
EBBU_(W_)CTR	131.100	000	245	EBBU_E_CTR	Bandbox to all sectors including EDYY
EBBU_E_CTR	129.575	000	245	EBBU_(W_)CTR	Bandbox to all sectors including EDYY
EBBU_U_CTR	127.225	245	660	EBBU_(W_)CTR EBBU_E_CTR	All EDYY sectors if offline
ELLX_APP	118.900	000	165	EBBU_E_CTR EBBU_(W_)CTR	See TMA definition of ELLX



3. Control sectors of EDYY

Callsign	Frequency	Floor	Ceiling	Ownership	Comment
EDYY_K_CTR	132.200	245	660	EDYY_K_CTR EDYY_N_CTR EBBU_U_CTR EBBU_(W_)CTR EBBU_E_CTR	
EDYY_N_CTR	135.975	245	660	EDYY_N_CTR EBBU_U_CTR EBBU_(W_)CTR EBBU_E_CTR	Covers _K_ if offline
EDYY_L_CTR	133.350	245	660	EDYY_L_CTR EBBU_U_CTR EBBU_(W_)CTR EBBU_E_CTR	



4. Control sectors of LFFF

Callsign	Frequency	Floor	Ceiling	Ownership	Comment
LFFF_CTR	128.100	000	295		Bandbox to all sectors including LFEE >FL145
LFFF_N_CTR	128.875	000	295	LFFF_CTR	
LFQQ_APP	126.475	000	115	LFFF_CTR	See TMA definition of LFQQ

Sector diagrams can be found at the link below:
LFFF + LFEE Lower (SFC-FL295)
LFRR + LFEE Upper Sectors (>FL295)

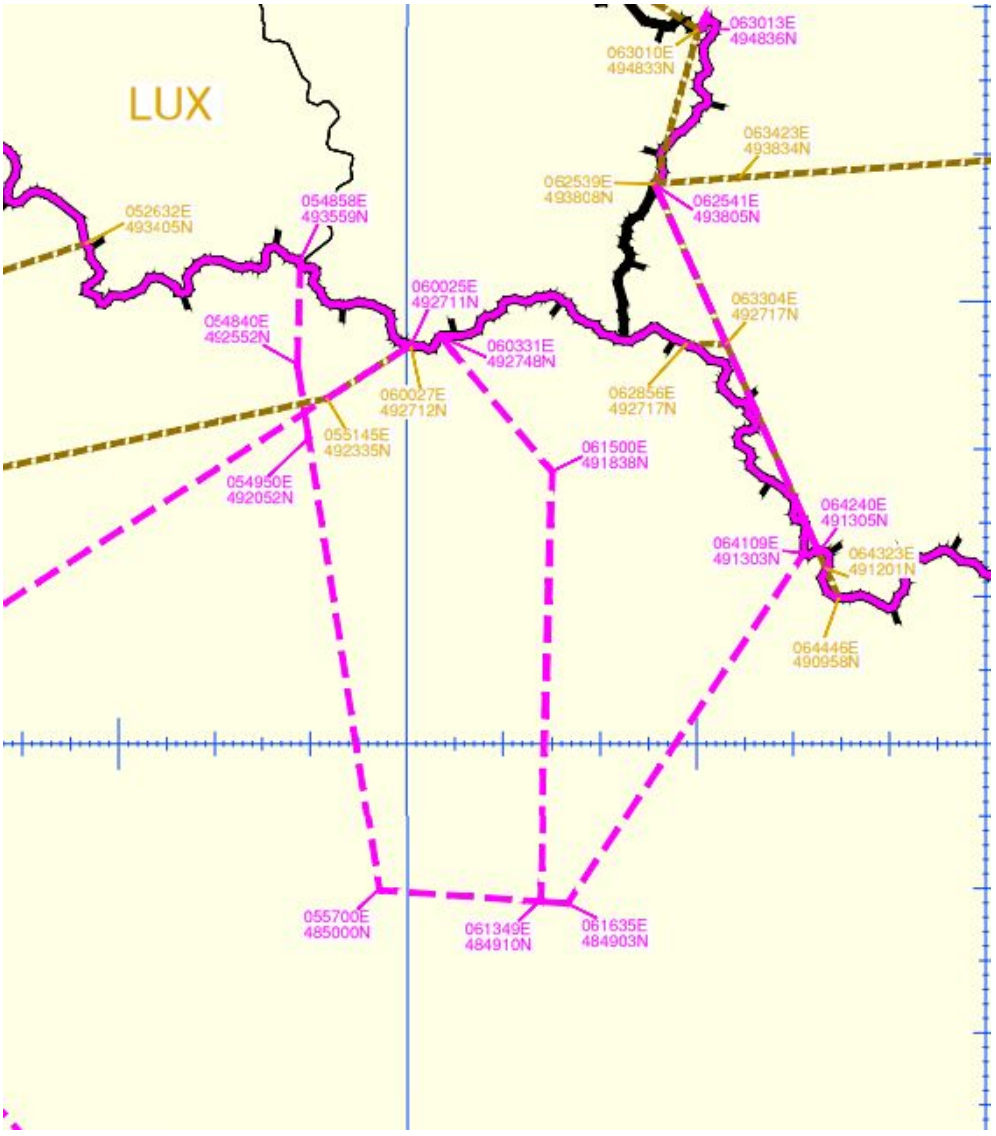
5. Control sectors of LFEE

Callsign	Frequency	Floor	Ceiling	Ownership	Comment
LFEE_CTR	128.300	295	660	LFFF_CTR	Bandbox to all sectors
LFEE_N_CTR	127.550	000	295	LFEE_CTR LFFF_CTR	
LFEE_S_CTR	135.100	145	295	LFEE_CTR LFFF_CTR	
LFST_APP	120.700	000	145	LFEE_CTR	See TMA definition of LFST

Sector diagrams can be found at the link below:
LFFF + LFEE Lower (SFC-FL295)
LFRR + LFEE Upper Sectors (>FL295)

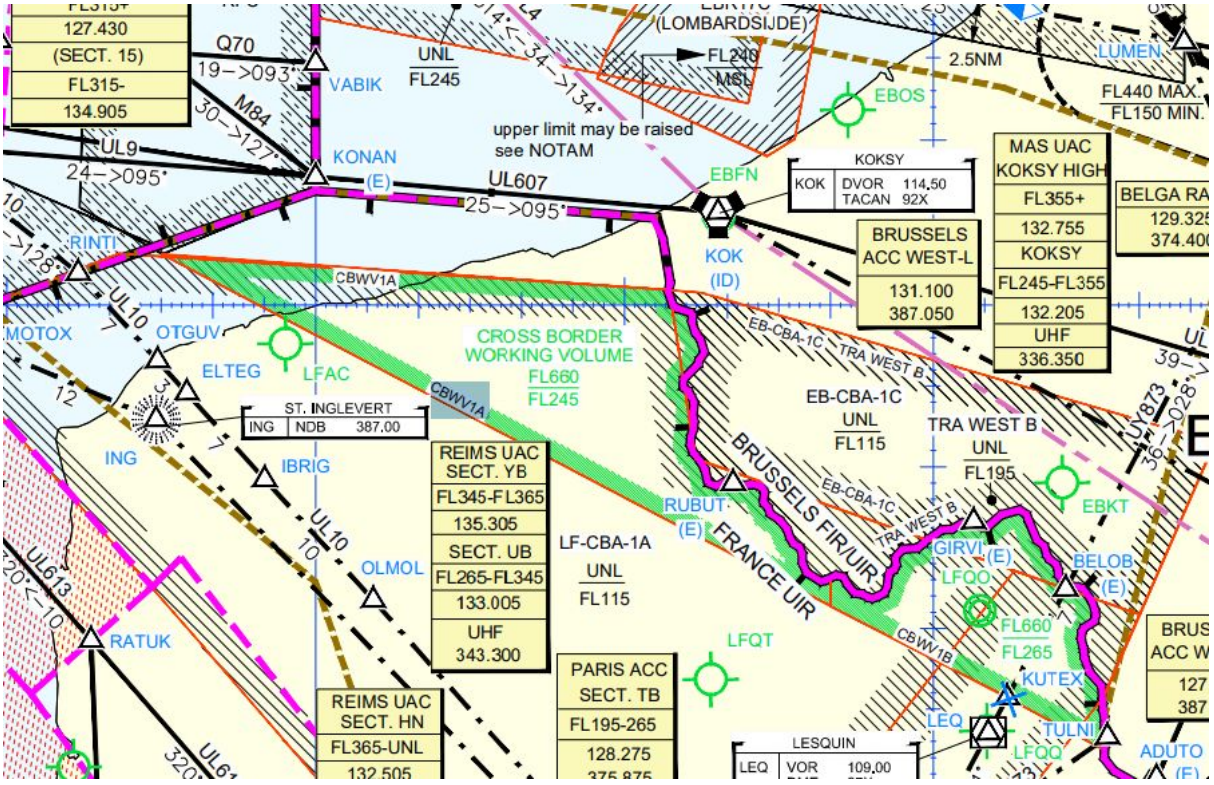
Delegations

1. SORAL Delegation



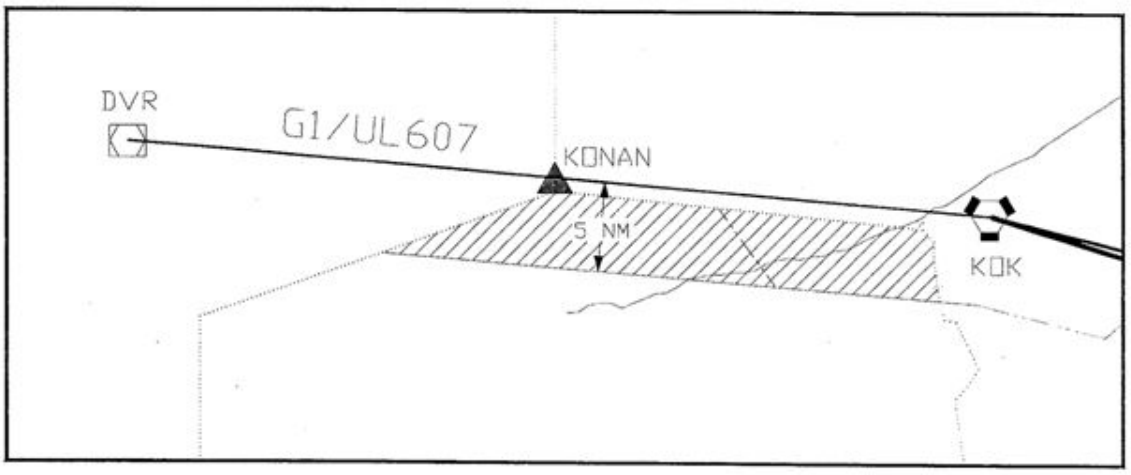
Delegation name	Activated	Floor	Ceiling	Delegated to
SORAL triangle	H24	245	660	EDYY_L_CTR

2. Cross-border working volume 1A and 1B



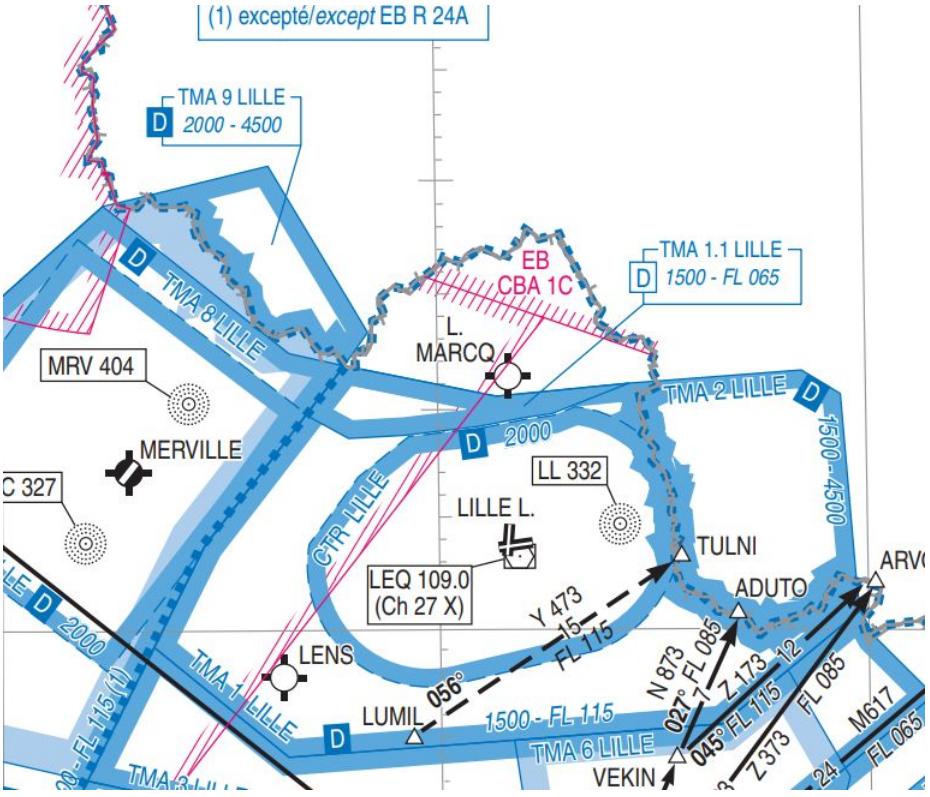
Delegation name	Activated	Floor	Ceiling	Delegated to
CBWV1A	H24, can be deactivated on request of LFEE or LFFF	245	660	EDYY_K_CTR
CBWV1B	H24, can be deactivated on request of LFEE or LFFF	245 (Simplification for VATSIM)	660	EDYY_K_CTR

3. UL607



Delegation name	Activated	Floor	Ceiling	Delegated to
UL607 Area	H24	245	660	EDYY_K_CTR

4. LFQQ TMA 9 and 2



Delegation name	Activated	Floor	Ceiling	Delegated to
TMA 9 Lille	H24	2000	4500	LFQQ_APP
TMA 2 Lille	H24	1500	4500	LFQQ_APP

Agreed transfers

1. Definition

Paris group: LFPB PG PN PO PT PV
Bruss group: EBBR MB AW CV

Cell colour is a reference to executing sector:

LFEE_N_CTR	LFEE_CTR	LFEE_S_CTR	LFFF_CTR	LFFF_N_CTR

2. LFFF/LFEE to EBBU

	Route	COP	Level	COMM HO	Comment
↓ EHAM	N873	ADUTO	FL300	VEKIN	rel for descent
↓ EHEH			FL240		
↓ EHRD					
↓ EBOS			FL180 or below		rel desc FL120
↓ EBKT			FL140 or below		
↓ Bruss group		VEKIN	FL220 or below	abeam CMB	rel desc FL120 rel TURN 20° L & R
↓ EBCI		ARVOL	FL160 or below	VEKIN	rel desc FL120
↓ EBLG	(U)M617	ROBAL	FL220 or below	abeam VEKIN	
↓ EHBK					
↓ EHBD					
↓ ELLX	Z110	VAVOT	FL160 or below	MMD	Transfer to ELLX_APP sector
↓ EDFH					
↓ EDDR					
↓ EDRZ					
↓ ETAR					
↓ ETAD					

↑ LFQQ	M617	ROBAL	FL110 or below	abeam VEKIN	rel climb
↑ LFQT					
↑ LFAC					
↑ LFAV					

3. EBBU to LFFF

	Route	COP	Level	COMM HO	Comment
↓ LFOB	M617	ROBAL	odd FL170 or below	CIV	
↓ LFOP					
↓ LFQQ			odd FL110 or below		
↓ LFAC					
↓ LFAV					
↓ LFAT					
↓ LFQT					
↓ Paris group	Y50	IDOKO	odd FL190 or below		
	UY131/UZ319	MOPIL	FL260 or below	abeam CIV	
		RAPOR		abeam TILVI	
↑ Bruss group	(U)N872	MEDIL	min FL200 climb 240	CIV	
↑ EBCI			Climbing to FL190		
↑ ELLX		TILVI	below FL135	TILVI	rel climb after TILVI

4. LFEE to EBBU

	Route	COP	Level	COMM HO	Comment
↓ ELLX	(U)N852/ V36	AKELU	FL160	AKELU	to ELLX_APP sector
↓ EDFH					
↓ ETAR					
↓ ETAD					
*			even from FL165 to FL245		to EBBU_E_CTR
	UN853	GIVOR	above FL245	Standard	to EDYY_L_CTR
	UM624	NANCY		Standard	

5. EBBU to LFEE

	Route	COP	Level	COMM HO	Comment
↑ ELLX	On SID	FIR BDRY	FL140	Before BDRY	
↑ EDFH	(U)N852	SUTAL	climbing to FL230	LIMGO	
↓ LFJL	On STAR	FIR BDRY	odd FL150 or below	Before BDRY	from ELLX_APP sector
↓ LFST	N852	SUTAL	odd FL170 or below	LIMGO	
↓ LFGA					
↓ EDTL					
↓ LFSO	(U)N852		odd FL210 or below		
↓ LFSN					
↓ LFSG					
↓ EDSB					

6. City pairs

from	to	CAP
Paris group	EDDF	Below FL245
	EDDK	
	EDDL	
EDDF	Paris Group	Below FL245
EDDK		
EDDL		
EDFH		
EHRD		
EHEH		
EBBR		Below FL195
EBMB		
EBAW		

Other procedures

N/A