

Letter of Agreement

within Langen ACC

between

Langen-North
(EDLL RG)

and

Langen-South
(EDFF RG)

EDLL RG and EDFF RG agree to the following procedures to maintain separation of traffic flows with effectiveness of AIRAC 0909.

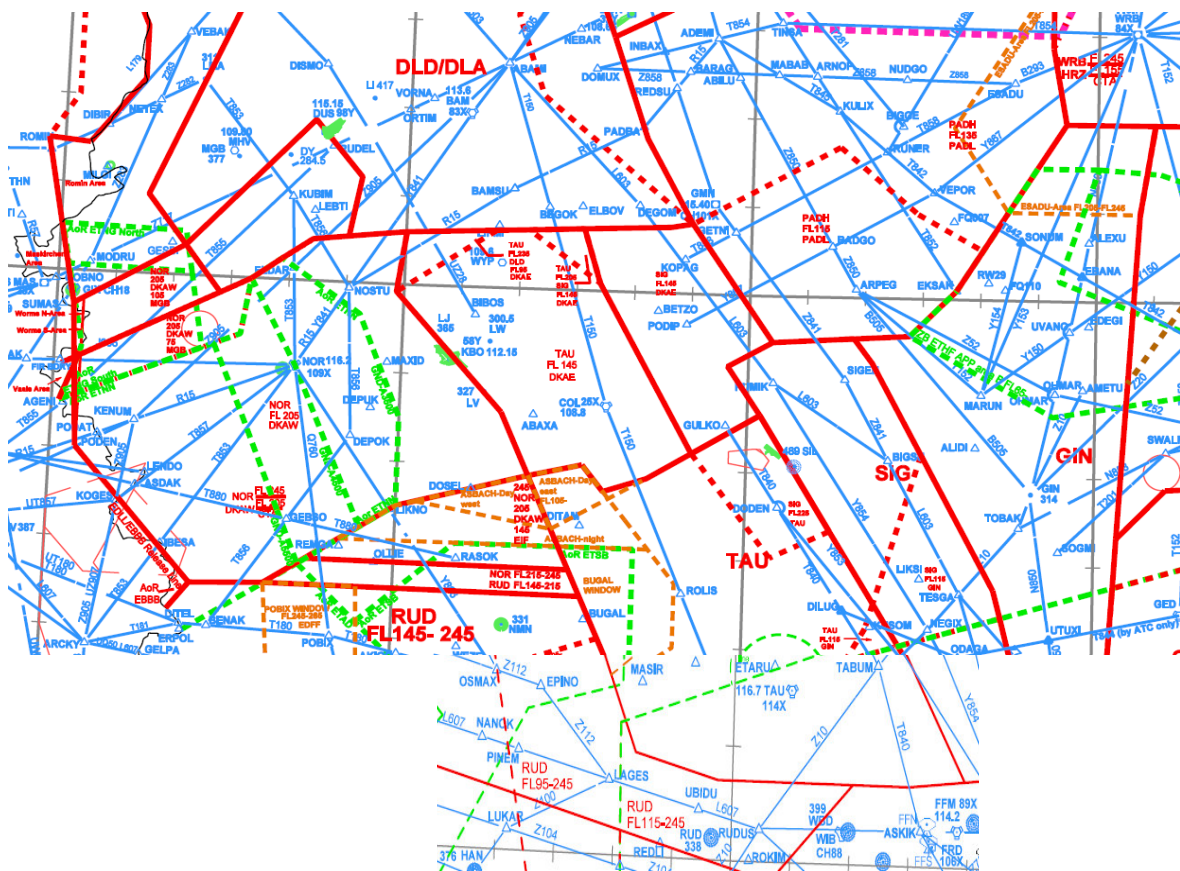
I. Available Radio-Facilities

Collective Langen Facilities					
EDGG_CTR		GGC		124.370	
EDGG_I_CTR		GGI		128.950	
EDLL Facilities			EDFF Facilities		
EDGG_N_CTR	GGCN	135.350	EDGG_S_CTR	GGCS	127.500
EDGG_P_CTR	GGCP	135.650	EDGG_G_CTR	GGCG	127.970
EDGG_H_CTR	GGCH	129.170	EDGG_O_CTR	GGCO	125.570
			EDGG_K_CTR	GGCK	129.670
EDLL_U_CTR	LLCU	133.850	EDGG_M_CTR	GGCM	128.950
			EDUU_CTR	EDUU	133.650
EDDL_APP	DLA	128.550	EDDF_N_APP	DFAN	120.800
			EDDF_S_APP	DFAS	125.320
EDDK_APP	DKA	118.750			
EDDK_W_APP	DKAW	126.320	EDFH_APP	FHA	125.600
EDLP_APP	LPA	125.220			

II. Delegation of Airspace

According to the Agreement with effectiveness of AIRAC 0711

- Langen-North is responsible for ex EDDF-RG Sector TAU (used to be called ROLIS in Vatsim environment) from GND – FL245 (FL115 – FL245 above sector DFAN), in order to minimize coordination for EDDK arrivals.
- Langen-South is responsible for Airspace corridor south of ELBOV (EDDL DODEN SID) and DEGOM (L603, EDDL, EDDK KUMIK SID) from FL145 – UNL (sector SIG – called GEDERN in Vatsim environment) in order to minimize numerous short frequency changes



- DFAN (EDDF_N_APP) will handoff all departing traffic out of EDDF – except BIBOS SID – direct to the relevant Langen-South sector to avoid numerous short frequency changes. All Traffic – except BIBOS SID – is released for climb up to FL170, provided that Langen-South sector personell is responsible for separation to other traffic within the sector TAU (ex ROLIS, now NOR in VATSIM environment)..
- DKA (EDDK_APP) will handoff PODIP departures out of EDDK direct to the relevant Langen-North sector to avoid numerous short frequency changes. This traffic is released for climb up to FL170 within the border of SIG sector (GED sector in VATSIM environment), provided that Langen-North sector personell is responsible for separation to other traffic within the sector

III. Flights from Langen-North sectors to Langen-South sectors

Generally aircraft shall be cleared via published ATS routes, STARs and SIDs. Deviations shall be coordinated between the respective sectors. Unless otherwise depicted below, transfer of control takes place, when the aircraft is within 10 NM range to the boundary of the area of responsibility.

	<u>Routing</u>	<u>COPX</u>	<u>FL</u>	<u>Remarks</u>
DEP EDDL, EDLN	SID DODEN	ELBOV	climbing FL200	Released for climb and released for turns after passing FL245
	SID KUMIK	DEGOM	FL150	Released for climb and released for turns after passing FL245
	GMH Z841 RFL140-	GETNI	at RFL max FL110	
	NOR Q760 RFL250+	Inb. POBIX	at FL190	
DEP EDDK	via Y866 to EDDF	Inb. LIKNO	at RFL min. FL150, max. FL190	Released for descent and turns
	SID KUMIK	Inb. KUMIK	Climbing RFL max. FL140	Released for climb and released for turns after passing FL245
DEP EDLW, EDLP, EDLA, EDLE, EDLM	via GMH Z841 RFL 160+	GETNI	at RFL, climbing RFL, max. FL190	
Dest. EDDF	ROLIS	ROLIS	descending FL110	Cleared "ROLIS DCT ETARU" (ETARU ins Scratchpad)
Dest. EDFH	STAR NOR	Inb. HAN	FL130	"Cleared NOR2R Arrival"

IV. Flights from Langen-South sectors to Langen-North sectors

Generally aircraft shall be cleared via published ATS routes, STARs and SIDs. Deviations shall be coordinated between the respective sectors. Unless otherwise depicted below, transfer of control takes place, when the aircraft is within 10 NM range to the boundary of the area of responsibility.

	<u>Routing</u>	<u>COPX</u>	<u>FL</u>	<u>Remarks</u>
Dest. EDDL	SODNA T842	SODNA	at FL200 or above, max. FL280	FL240+ preferred
	ARPEG Z850	ARPEG	at FL200 or above, max. FL280	
	EKSAK T852	EKSAK	at FL200 or above, max. FL280	
	EDEGA UL604	EDEGA	at FL260	
Dest. EDDK	via T840 GULKO	ASKIK	at FL180 or above, max. FL240	FL240 preferred
	via T842 RUNER	SODNA	at FL130 or below	FL130 preferred
	via T844 GULKO	ODAGA	at FL200 or below	FL200 preferred
	via Y852 DODEN	GIGET	Descending FL240	
	via Y853 DODEN	BOMBI	Descending FL240	
Dest. EDDK, EDKB, EDDL	via Q760	POBIX	max. FL140	
Dest. EDLW, EDLA, EDKZ	via B505 / T842	ARPEG	at FL110 or below	
Dest. EDLP	via T842	EBANA or sector border	at FL110 or below	may be cleared DCT PAD
DEP EDDF	RWY 07 SID BIBOS	ODAGA	at FL100	
	RWY 25/18 SID BIBOS	MASIR	at FL110 or below	