

LETTER OF AGREEMENT

between

München FIR (EDMM)

and

VACC Austria (LOVV)

Version 2.0

2008-05-25

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GENERAL REGULATIONS

- **RFL = requested flight level**
- **Handoffs** (including transfer of communication) shall be made **latest 10 NM** prior the respective boundary (FIR border, APP airspace, delegated airspace). After handoff, traffic is **NOT** released for climb, descent or turns unless otherwise specified in the regulations below.
- **Traffic overflying EDMM and/or LOVV** shall be handed off on a valid ATS route at **RFL** using the semicircular cruising level system (even/odd). Direct routings shall be coordinated.
- **Spacing** between two aircraft on same level and same routing shall be at least **10 NM** if the speed of the succeeding traffic is equal or less than the speed of the preceding traffic, otherwise at least **15 NM**. Spacings deviating from this regulation shall be coordinated.
- Traffic shall be handed off at the levels defined in the regulations below. If a specified level restriction cannot be met due to a lower RFL, traffic shall be handed off **AT RFL**, if this does not cause a conflict with any other traffic. Otherwise traffic shall be coordinated.
- If a traffic situation is not covered herein, **individual coordination** between the concerned sectors shall be made.
- **âFLxxx / áFLxxx** means „descending / climbing to a specified FL“, without any further restriction. Any required crossing/speed restriction shall be added separately.

AIRSPACE DELEGATION

- Generally the airspace west of the Rocky-Line
465604n 115030e – 472551n 115624e – 473709n 120341e – 474225n 124440e –
473310n 125112e – 475637n 123749e – 480250n 122727e – 480309n 123045e –
480850n 124245e – 481451n 124034e – 481559n 124150e – 481549n 130545e –
481747n 131053e – 484948n 134711e
is permanently delegated from LOVV to EDMM, except the AoR Innsbruck.
- Generally the airspace east of the Rocky-Line
472551n 115624e – 473709n 120341e – 474225n 124440e – 473310n 125112e –
475637n 123749e – 480250n 122727e – 480309n 123045e – 480850n 124245e –
481451n 124034e – 481559n 124150e – 481549n 130545e – 481747n 131053e –
484948n 134711e
is permanently delegated from EDMM to LOVV.
- The airspace overhead the EDMM sectors C, E, K and R is permanently delegated from EDUU to EDMM, expanding these sectors up to UNL.
- The airspace overhead the Area Königssee
473904n 120659e – 475637n 123749e – 474320n 125205e – 474225n 124440e –
473757n 120951e
is permanently delegated from EDMM to LOWS_APP GND-FL125.

ATC POSITIONS

EDMM_U_CTR	München Radar (upper)	128.970	FL316-UNL
EDMM_C_CTR	München Radar (CHI)	133.670	GND-FL315
EDMM_E_CTR	München Radar (EGG)	129.550	GND-FL315
EDMM_K_CTR	München Radar (KPT)	124.050	GND-FL315
EDMM_R_CTR	München Radar (RDG)	132.550	GND-FL315
EDDM_N_APP	München Arrival (north)	128.020	GND-FL195
EDDM_S_APP	München Arrival (south)	120.770	GND-FL195
LOVV_CTR	Wien Radar	134.350	FL166-FL245
LOVV_L_CTR	Wien Radar (lower)	129.200	GND-FL125/165
LOVV_U_CTR	Wien Radar (upper)	131.350	FL246-UNL
LOWI_APP	Innsbruck Radar	119.270	GND-FL165
LOWS_APP	Salzburg Radar	123.720	GND-FL125
LOWL_APP	Linz Radar	129.620	GND-FL165

- EDMM_R_CTR will be responsible for all EDMM_x_CTR sectors if no other EDMM_x_CTR is online.
- EDMM_U_CTR covers sectors C, E, K and R above FL316. If it is not online, those sectors expand to UNL.
- If EDMM_E_CTR is not online, EDMM_R_CTR will be responsible for the respective airspace.
- If EDMM_C_CTR is not online, EDMM_K_CTR will be responsible for the respective airspace.
- If EDDM_S_APP is not online, EDDM_N_APP will be responsible for the respective airspace.
- LOVV_CTR will be responsible for all LOVV_x_CTR sectors if no other LOVV_x_CTR is online.
- If LOWI_APP is not online, LOVV_L_CTR will be responsible for the respective airspace.
- If LOWS_APP is not online, LOVV_L_CTR will be responsible for the respective airspace.
- If LOWL_APP is not online, LOVV_L_CTR will be responsible for the respective airspace.

Flights from München FIR to FIR Wien

EDDM DEPARTURES

Traffic departing from EDDM shall be routed via...

- **MEBEK Y105 KIRDI**
Level: áFL190
Release: released for climb
Handoff: EDDM_S_APP à LOVV_CTR

LOWI ARRIVALS

Traffic arriving at LOWI shall be routed via...

- **TULSI DCT RTT (on STAR)**
Level: âFL130, TULSI at FL150
Release: released for descent and turns after passing release line
Handoff: EDMM_C_CTR à LOWI_APP
- **ALGOI DCT KTI (on STAR)**
Level: âFL150 (FL180 at ALGOI)
Release: descent and turns after passing release line
Handoff: EDMM_K_CTR à LOWI_APP

LOWK ARRIVALS

Traffic arriving at LOWK shall be routed via...

- **UNKEN UL603 or LIZUM UL74/UL607**
Level: FL330
Release: none
Handoff: EDMM_C_CTR à LOVV_U_CTR

LOWL ARRIVALS

Traffic arriving at LOWL shall be routed via...

- **ESEGA L605 or PASAU T703**
Level: âFL110
Release: none
Handoff: EDMM_E_CTR à LOWL_APP
- **INSOL U/L725**
Level: FL270 at INSOL
Release: none
Handoff: EDMM_C_CTR à LOVV_U_CTR

LOWS ARRIVALS

Traffic arriving at LOWS shall be routed via...

- **MEBEK T702**
Level: âFL070 (FL090 at MEBEK)
Release: descent and turns after passing the release line
Handoff: EDDM_S_APP à LOWS_APP
Note: EDDM_S_APP may clear dct SBG without coordination
- **TITIG L173**
Level: FL070 at TITIG
Release: descent and turns after passing the release line
Handoff: EDDM_S_APP à LOWS_APP
Note: EDDM_S_APP may clear dct SBG without coordination
- **EGG T700**
Level: âFL080 (FL100- at EGG)
Release: descent after passing EGG
Handoff: EDMM_E_CTR à LOWS_APP
- **CHIEM T701**
Level: FL120 at CHIEM
Release: descent and turns after passing the release line
Handoff: EDMM_C_CTR à LOWS_APP

Flights from FIR Wien to München FIR

LOWI DEPARTURES

Traffic departing from LOWI shall be routed via...

- **KOGOL M726**
Level: áFL160
Release: released for climb
Handoff: LOWI_APP à EDMM_C_CTR
Note: LOWI_APP may clear DCT KOGOL and flights with destination EDDM DCT ANDEC without coordination
- **KOGOL L608 KPT**
Level: áFL120
Release: none
Handoff: LOWI_APP à EDMM_C_CTR
Note: SID strictly for A/C unable to climb higher than FL120
- **LEMSO Y703 KPT or MOGTI L12 KPT**
Level: áFL160
Release: released for climb
Handoff: LOWI_APP à EDMM_K_CTR

LOWL DEPARTURES

Traffic departing from LOWL shall be routed via...

- **RENKA L610 or LAMSI L604 or SUBEN T161**
Level: áFL120
Release: released for climb
Handoff: LOWL_APP à EDMM_E_CTR

LOWS DEPARTURES

Traffic departing from LOWS shall be routed via...

- **TITIG L173 or NAPSA**
Level: áFL090
Release: released for climb after passing L856
Handoff: LOWS_APP à EDDM_S_APP
- **TRAUN L856**
Level: áFL120
Release: released for climb
Handoff: LOWS_APP à EDMM_C_CTR
Note: LOWS_APP may clear direct ROTIN without coordination
- **SIMBA Y700**
Level: áFL110
Release: released for climb
Handoff: LOWS_APP à EDMM_E_CTR

EDDM ARRIVALS

Traffic arriving at EDDM shall be routed via...

- **MODSA Q112 NAPSA**
Level: FL140 at MODSA
Release: descent to FL100 and turns after MODSA
Handoff: LOVV_CTR à EDDM_S_APP
- **AMADI Q113 NAPSA**
Level: FL130 at AMADI
Release: descent to FL100 and turns after AMADI
Handoff: LOVV_CTR à EDDM_S_APP

EDDN ARRIVALS

Traffic arriving at EDDN shall be routed via...

- **SUBEN T161**
Level: FL300
Release: none
Handoff: LOVV_U_CTR à EDMM_E_CTR

EDDS ARRIVALS

Traffic arriving at EDDS shall be routed via...

- **SBG U/L173**
Level: FL280
Release: none
Handoff: LOVV_U_CTR à EDMM_C_CTR
Notes: LOVV_U_CTR may clear direct MUN without coordination

EDMA/EDMO ARRIVALS

Traffic arriving at EDMA or EDMO shall be routed via...

- **SBG L173**
Level: FL150
Release: descent to FL100 and turns after SBG
Handoff: LOVV_CTR à EDDM_S_APP

LSZH/LSMD ARRIVALS

Traffic arriving at LSZH or LSMD shall be routed via...

- **SBG L/UL856**
Level: RFL
Release: none
Handoff: LOVV_U_CTR à EDMM_C_CTR
- **ERKIR L/UL608**
Level: FL320
Release: none
Handoff: LOVV_U_CTR à EDMM_K_CTR

EDNY/EDJA/LSZR ARRIVALS

Traffic arriving at EDNY, EDJA or LSZR shall be routed via...

- **SBG L/UL856**
Level: FL300
Release: none
Handoff: LOVV_U_CTR à EDMM_C_CTR
- **ERKIR L/UL608**
Level: FL260
Release: none
Handoff: LOVV_U_CTR à EDMM_K_CTR

This Letter of Agreement will be valid as of **2008-07-03**.

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