

# **LETTER OF AGREEMENT**

### between

München ACC

and

Karlsruhe UAC

**Branch South** 

**Branch Upper** 

Effective: June 12, 2025 (AIRAC 2506)

### 1 General

# 1.1 Purpose

The purpose of this Letter of Agreement is to define the coordination to be applied between München ACC and Karlsruhe UAC when providing ATS to air traffic on the VATSIM network.

All information and procedures described in this Letter of Agreement shall not be used for real world purposes.

# 1.2 Operational Status

All operational significant information and procedures contained in this Letter of Agreement shall be distributed to all concerned controllers by appropriate means. This Letter of Agreement itself constitutes public information.

### 1.3 Validity

This LoA becomes effective June 12, 2025 and supersedes revision 4.1 dated April 17, 2025.

### 1.4 Revision control

Revision	Date	Author
1.0	06.01.2022	Jannik Vogel
1.1	11.08.2022	Jannik Vogel
2.0	23.03.2023	Jannik Vogel
3.0	30.11.2023	Jannik Vogel, Hannes Altmann, Konstantin Eierhoff
4.0	28.11.2024	Jannik Vogel
4.1	17.04.2025	Jannik Vogel
4.2	12.06.2025	Jannik Vogel

# 2 Areas of Responsibility for the provision of ATS

# 2.1 Areas of Responsibility

The lateral and vertical limits of the respective areas of responsibility are as follows:

# 2.1.1 <u>München ACC</u>

München FIR and Rhein UIR as described in AIP Germany.

Vertical limits: GND – FL245 (München FIR)

FL245 – FL315 (Rhein UIR)

## 2.1.2 Karlsruhe UAC

Rhein UIR as described in AIP Germany.

Vertical limits: FL245 - FL660

## 2.2 Sectorization

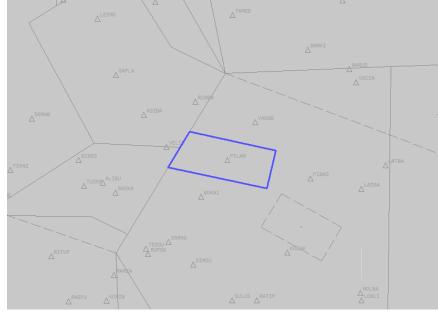
For detailed information about sectorization, see: vats.im/sectors-edmm and vats.im/eduu.

# 2.3 Delegation of the responsibility for the provision of ATS.

## 2.3.1 <u>Delegation of ATS from München ACC to Karlsruhe UAC.</u>

Within Rhein UIR the responsibility for the provision of ATS is performed by Karlsruhe UAC within the following area defined as PILAM-Area:

Vertical limits: FL295 - FL315



PILAM Area depicted as solid blue line.

# 2.3.2 <u>Delegation of ATS from Karlsruhe UAC to München ACC.</u>

Within Rhein UIR the responsibility for the provision of ATS is performed by München ACC within the following area defined as Ansbach (ANS) Area:

Vertical limits: FL245 - FL305



ANS Area depicted as solid blue line.

## 3 Procedures for Coordination

### 3.1 Definitions

A release is an authorization for the accepting ATS unit to climb, descend and/or turn (by no more than 45°) a specific aircraft before the transfer of control point. The transferring ATS unit remains responsible for separation within its Area of Responsibility unless otherwise agreed.

Wherever VATSIM callsigns are used to describe the terms of a certain procedure, this procedure is also applicable for all higher stations that take over the responsibilities of said station. E.g., procedures for an APP-stations are also applicable for the respective CTR station fulfilling the duties of said APP station.

The use of VATSIM callsigns in this document includes any variation of said callsign. E.g. any procedure applicable for EDMM\_CTR may also be used by EDMM\_X\_CTR.

### 3.2 General Conditions

Coordination of flights shall take place via the agreed coordination points (COP).

Coordinated flights shall be handed off via a valid COP. Any deviation shall be coordinated verbally, by text or by Euroscope inter-sector coordination.

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 or closely matching a covered one, individual coordination between the concerned sectors shall be made.

After Transfer of communications, traffic is NOT released for climb, descent or turns until Transfer of control or otherwise specified in this Letter of Agreement.

↓FLxxx / ↑FLxxx means "descending / climbing to a specified FL", without any further restriction. Any required crossing/specified restriction shall be added separately. At level means that the aircraft shall be in level flight on a published flight level and in accordance with east/ west odd/even policy.

# 3.3 Flights from Karlsruhe UAC West and Central Sectors to Munich ACC

# 3.3.1 <u>Arrivals</u>

Destination AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector
LOWI, LOWS	T104- <b>DKB</b>	WUR1	At FL310 or below	WLD
LOWI, LSZS, LSZA, LSZL, LIPB	M738/DCT-BATUB	TGO1	At FL310 or below	FUE
EDDP, EDAC	T279/T278- <b>TAMEB</b>	FUL1	5NM before TAMEB at FL250	GER
EDDP	FEDZA-T957		FL260	HAL
EDDP	IBAGA-T435	WUR1	At FL310	BBG
EDBM	FEDZA-N858	FUL1	At FL250	HAL
LKKV, EDMS	L984- <b>KOMIB</b>	WUR1	At FL250	BBG
LKKV, EDIVIS	L604-GASKA	FUL1	ALFL250	BBG
EDDM	T107- <b>GESLU</b>	TGO1	Descending FL250, to cross 5NM before GESLU at FL250 (*1)	NDG
	T104- <b>DKB</b>	WUR1	FL250 at DKB	WLD

<sup>(\*1)</sup> Note: Released for descent to FL240.

# 3.3.2 <u>Departures</u>

Departure AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector
EDDF	DINKU-L603	WUR1	Climbing FL290 out of FL230 (*1)	WLD
EDDF, EDFE, ETOU, EDFB	Y161- <b>ELVAG</b> -RIDAR		Climbing FL310 out of FL240	NDG
	FEDZA-N858			HAL
EDDF, EDFE, ETOU, EDFB, EDFZ	<b>FEDZA</b> -Y172	<b>-</b>	FL290	
	<b>TAMEB</b> -T278	FUL1	(*1)	055
EDDF	MAGES-TAMEB DCT NEVKO			GER
ETAR, ETOU	BARSU-Z12-SULUS	WUR1	FL270	<b>DD</b> 0
EDVK	GASKA-GORKO- SULUS	FUL1	FL270	BBG

(\*1) Note: Released for climb to FL310.

#### 3.4 Flights from Karlsruhe UAC East Sectors to Munich ACC

#### 3.4.1 <u>Arrivals</u>

Destination AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector
EDIMO	L856/M725/DCT- <b>KOBUS</b>		KOBUS FL320	
EPWR	BEBKU DCT LASIS	SPE1	abeam KOBUS FL320	MEI
EDDO	KOBUS-P31	0, 2,	KOBUS FL320	···L·
EPPO	KOBUS DCT POZUM		KOBUS FL320	
EDDB, EDAY, EDAZ	<b>RELKO</b> -T728		RELKO FL320	
LDDD, LDX1, LDX2	T202- <b>GOLAT</b> -T202	SAL1	GOLAT FL320	CED
EDDN, EDQD, EDQM, EDQC, EDQK, EDQT,	TOGRO T202		TOGRO FL320	GER
EDQG, EDQA, ETIC	VEVAS L87 TOGRO		VEVAS FL300	
EDDN, EDQD, EDQM, EDQC, EDQK, EDQT, EDQG, EDQA, ETIC	MAG M736 GALMA	HVL1	MAG FL300	HAL
EDDW, EDDV, ETNW	DCT/M726- <b>OKKOC</b> - M726	SAL1	NARUS FL320	GER
EDVE, EDBM	DCT/M726- <b>LASGA</b> - M726		LASGA FL320	BBG
EDDC, EDAB	Z715/L984- <b>KULOK</b> - Z715	ERL1	10 NM prior KULOK at FL320	HOF
	BAROB-Z35		TONSU FL320	
LKPR, LKKB, LKCS,	TALEG-L620		FL320 at boundary	GER MEI
LKVO, LKPD, LKCV, LKHK, LKMH	OSTRA-Z21		SAL/SPÉ	
,	EBASA-M725	SPE1	EBASA FL320	
	OSKAN-M748		OSKAN FL320	
EDDN, EDDS, EDJA	NOKSI-Z715		20NM before NOKSI FL320	
EDMS, ETHN, ETIN, LKKV	<b>GALMA</b> -M736	SAL1	GALMA FL320	HAL
LKPM  EDQD, EDQM, EDQC, EDQK, EDQT, EDQG,	BEBKU-Z36	SPE1	BEBKU FL320	MEI
EDQA, ETIC, ETIN, ETHN, LKKV, LKCS	KOBUS-P31		KOBUS FL320	
ELLX	MAG-Z20	HVL1	MAG FL300	
	DCT NIMAB T171	SAL1	NIMAB FL320	
EDDF, ETOU, EDFE,	T178 <b>OSKAT</b> T178	OAL I	OSKAT FL320	HAL
EDFZ, EDFQ	TOPDI DCT NIMAB T171	HVL1	TOPDI FL300	
	<b>DIDGI</b> DCT NIMAB T171	∏VL1	DIDGI FL300	

Destination AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector
EDDF, ETOU, EDFE, EDFZ, EDFQ	SULED DCT ROBEL		abeam NAMUB FL320	
ETSI, ETSN	SULED-T202		SULED FL320	
ETGI, ETGIN	RELKO-M736		RELKO FL320	GER
EDDR, EDDS, EDFM, EDFV, EDJA, EDRY, EDRZ, EDTL, EDTY, EDSB, EDTM, ETAR	SULED DCT BAMKI	SAL1	SULED FL320	
EDDM, EDMA, EDMO	SODRO-T703		15NM before SODRO FL320	HOF
	<b>NURGO</b> -T170		NURGO FL320	1101
EDDF	SODRO DCT KODUK	ERL1	SODRO FL320 Handover at SODRO, but COP KODUK	BBG
EDDF, ETAR	UNAVI-Z93		UNAVI FL320	HOF

# 3.4.2 <u>Departures</u>

Not applicable.

#### 3.5 Flights from Karlsruhe UAC South Sectors to Munich ACC

#### 3.5.1 <u>Arrivals</u>

Destination AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector
LIMC, LIML, LIME	M738 MADEB		MADEB at FL320	ZUG
LIPZ, LIPH, LIPX, LIPO, LIPA	DCT BERAS M736	ALP1	BERAS at FL320	
LSZS, LSZA, LIPB	M736 <b>TULSI</b>	CHI1	MANAL / abeam MANAL at FL320	TEG
LIPZ, LIPH, LIPX, LIPO, LIPA	M738/N871 <b>MADEB</b>		MADEB at FL320	ZUG
LFST, LSZB	KPT L856 RAVED		KPT at FL320	
LFST, LFGA, LFJL	KPT L608 TEDGO		30NM prior KUNOD at FL320	FUE
LSZH	P66 <b>KPT</b>	ALP1	20NM prior KPT at FL320	
EDDS	P66/L12 <b>MOGTI</b> P66		10NM prior MOTGI at FL320	ZUG
EDSB, LSZS, EDFM, ETAR, EDTD, EDTL, EDRY	P66/L856 <b>KPT</b> RAVED		15NM prior KPT at FL320	FUE
EDSB, EDDR, EDRY, EDRZ, EDFM, ETAD, ETAR	L173 <b>MAH</b> L173 RIDAR	ISA1	OTT at FL320	NDG
EDDF	Q163 <b>NIKWU</b> Q163	ALP1	NIKWU at FL320	FUE
EDDF	ERKIR UQ863 GESUC	ISA1	GESUC at FL320	NDG
EDSB, EDRY, EDFM	M726 <b>KOGOL</b>	CHI1	KOGOL at FL320	STA
EDDS, EDSB, EDRY, EDTY, EDFM	L608 <b>KPT</b>		30NM prior KPT at FL320	
LFSB, LFGA, LFGB, LFSC, LFSM, EDTG, LSGC, LSZ_ (excl. LSZH), LSM_ (excl. LSMD)	P66/L608/L856 <b>KPT</b>	ALP1	KPT at FL320	FUE
LSZH, LSMD	L856/L608 <b>KPT</b>		30NM prior KPT at FL320	
LOWE	L607 MOMUK		15NM prior BEMKI at FL320	ZUG
LOWS	T703 <b>TIVDA</b>	DON1	ARMUT at FL320	RDG
	L603 BESNI	ISA1	BESNI at FL320	NDG
LOWL	DCT <b>TULSI</b> N871	CHI1	TULSI at FL320	TEG
	T703 <b>TIVDA</b>	DON1	ARMUT at FL320	RDG
EDDN, EDDS, EDTY, EDQD, EDQM, EDQC, EDQK, EDQT, EDQG, EDQA	M726 <b>KOGOL</b>	CHI1	NORIN at FL320	STA

Destination AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector
LOWI	M736 RUDNO	DON1	RUDNO at FL320	RDG
EDDC, EDAB	L132 <b>RUDNO</b>		10NM prior RUDNO at FL320	RDG
	L132 MAMOR	DON1	MAMOR at FL320	
LKPR, LKPD, LKKB, LKCV, LKHK, LKMH,	N871/Y700 <b>NENUM</b> UZ39		NENUM at FL320	EGG
LKVO	GAMSA DCT STAUB		STAUB at FL320	RDG
LKKV	<b>MAH</b> L132	ISA1	MAH at FL320	NDG
ETAR, EDGS, EDRK	M726 <b>MAH</b>	10/1	WAIT at FL320	NDG
EDDF	M726 <b>ERNAS</b> / T161 GOLMO T161		GOLMO / abeam GOLMO at FL320 (*1)	
EDDF, ETOU, EDFE, EDFZ	M726 <b>ERNAS</b> Y101 TALAL		TALAL at FL320	ALB
2512	AKINI T159 <b>TALAL</b>			
EDDF	Q162 <b>ERMEL</b>	DON1	10NM prior ERMEL at FL320	
EDQG	L610 <b>STAUB</b>		STAUB at FL320	RDG
EDSB, EDDR, EDRZ	L610 <b>UNKUL</b> Z744 PETIX		UPALA at FL320	
EDDP, EDAC, EDDE, EDFQ, EDVK	DCT / M726 UPALA		10NM before UPALA at FL320	ALB
EDFQ, EDGS, EDDE, EDDP, EDVK	L604 RUDNO		RUDNO at FL320	RDG
LKCS	AMDID N871	CHI1	AMDID at FL320	TRU

<sup>(\*1)</sup> Note: Flights are released for descent and turn within DON sector. If spacing cannot be accomplished by DON, successive arrivals may be revised at FL330.

# 3.5.2 <u>Departures</u>

Not applicable.

# 3.6 Flights from München ACC to Karlsruhe UAC West and Central Sectors

# 3.6.1 <u>Arrivals</u>

Destination AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector
LFST, LFGA, LFJL	KPT-L608 KUNOD L608	FUE	at FL280 or below	TGO1
EDDK, EDLW, EDLA, EDKZ, EDLP, EDLI	L604 <b>GASKA</b> Y102/T852 <b>TESDU</b>		at FL300 or below (1)	
EDDK, EDLW, EDLA, EDKZ, EDLP, EDLI, EDFQ, EDDL	PILAM T843	BBG	at FL300 or below (if RFL < FL315)	FUL1
EDSB, EDDR, EDRZ	PETIX Z744 COSJE	ALB	at FL280 or below	WUR1

<sup>(1)</sup> Released for descent FL280 when passing Z94.

# 3.6.2 <u>Departures</u>

Departure AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector
EDDP, EDAC	Z94-KOMIB		at FL300	
EDDP, EDAC	Y231- <b>ALAXA</b> Y231		at FL310	WUR1
EDDE	Z94-KOMIB	220	at FL260	WURI
EDDE	Y231- <b>ALAXA</b> Y231	BBG	at FL310	
EDDN	L604-GASKA		FL260, GASKA@	FUL1
EDDM	L604-GASKA		at FL300	1021
EDDM, EDMA, EDMO	Y101-AMOSA- Y101/L610 IBAGA DCT MASEK Y101-INBED DCT REKDI	ALB	climbing FL300, latest IBAGA/REKDI at FL300	WUR1
EDMS	L610 <b>INBED</b> DCT REKDI		at FL300	
EDDM	Z714- <b>PELOG</b> - UM164-UTABA	FUE	at FL260 (1)	TGO1
LKKV, EDQD, EDQM	L984-SULUS-T852- TESDU L984-SULUS-L604- GASKA	BBG	at FL260 (2)	FUL1
LINIV, EDQD, EDQIVI	L984-KOMIB			
	Z715-ALAXA/N869 AMOSA	ALB	at FL260 (2)	WUR1
EDDP	Y225-TAMEB-DCT	GER	2NM before TAMEB @FL260 (2)	FUL1

<sup>(1)</sup> FUE may transfer flights at higher FL, whenever possible.

<sup>(2)</sup> Flights may be revised at FL280 / FL300.

#### 3.7 Flights from München ACC to Karlsruhe UAC East Sectors

#### 3.7.1 <u>Arrivals</u>

Not applicable.

#### 3.7.2 **Departures**

Departure AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector
EDDE	N858 <b>DIDGI</b>			HVL1
EDDV, EDDG, EDVE, ETNW	Z94- <b>GALMA</b> - T703/M736/Z21			
EDLP, EDDK, EDDL, EDLW,	BIRKA-Z21- <b>GALMA</b> - N858/Z21			
EDVK	BIRKA-L602- <b>SUVUT</b>	HAL		
EDDB	Z115/Z117- <b>ORTAG</b> DCT BAMKI	TIAL		
	Z207- <b>SONDU</b>			SAL1
EDAY, EDAZ	M736- <b>GALMA</b>			JALI
EDDF, EDFE, EDFZ, ETOU	Y172- <b>SISMI</b>			
EDDB	Z117-MIPSI DCT KEGOS			
EDDE	TAMEB DCT <b>NEVKO</b> DCT LASIS/GOVEN	GER	FL310	
EDDF	TAMEB DCT <b>NEVKO</b> DCT GOLAT DCT EKPEK			
EDDD	M725-KOBUS			
EDDB	Z36- <b>BEBKU</b>	MEI		
EDAC	P31- <b>KOBUS</b> -M725			SPE1
EPPO	KORUP DCT/P31-KOBUS			SFET
LFFO	L735- <b>LUROS</b>			
EPWR	Z348- <b>IVDUF</b>			
EDDC, EDAB	Z715- <b>UNAVI</b> -Z93/Z715			
EDDO, EDAD	T843- <b>RONTU</b>	HOF		
EDBM	M736- <b>RONIG</b> -M736			ERL1
EDBIVI	Z94- <b>RATIP</b> -Y231	BBG		
EDDP, EDVK	M736- <b>RONIG</b> -M736/DCT	HOF		
EDDV, EDVE, ETNW	Y800- <b>TADUV</b> -Z21-OSTRA	GER		SAL1
EDDE	Z21- <b>RISVA</b>			
LUDE	L620- <b>EKPEK</b>	NAIT-1		ODE4
LKPR, LKKB, LKVO	Y621- <b>GARKI</b>	MEI		SPE1
LKPD, LKCV, LKHK, LKCS	M725- <b>KOBUS</b>			

Departure AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector		
LKPR, LKKB, LKVO, LKCV, LKHK, LKPD, LKCS	M748-RENDO	MEI		SPE1		
LKPR, LKKB, LKVO, LKCS, EDDC	L602-SODRO	HOF		SAL1		
LKKV	L602- <b>SODRO</b>			<i>57</i> (= )		
LINIXV	L132- <b>ABKIS</b> -L132	MEI		SPE1		
EDDN, ETIC, EDQD, EDQM, EDQC, EDQK, EDQT,	L132- <b>ABKIS</b> -L132	IVILI		OI LI		
EDQG, EDQA	M726- <b>OKKOC</b>	GER		SAL1		
EDDF, ETOU, EDFE, EDQG,	L984- <b>KULOK</b>					
ETHN, ETAR	Z650- <b>NOGRA</b>	HOF				
EDDS, EDSB, EDTY, EDVK	Z715-KULOK	HOF	ПОГ			
LDDS, LDSB, LDTT, LDVK	Z650- <b>NOGRA</b>		FL310			
EDDM, EDMO, EDMA,	Y102-ALAXA	BBG				
EDMS, ETSI, ETSN	M726- <b>LONLI</b>					
ED.14	M726- <b>LONLI</b>				ERL1	
EDJA	Z715- <b>ERETO</b> - Z715/Z650					
EDMO	Z109- <b>BAMAS</b> - Z109/L604					
	L984-KULOK-Z715- ERETO					
LKPR, LKKB, LKVO, LKCS	Z93-UNAVI	1105				
	T843-RONTU	HOF				
EDDF, EDFE, LSZH, EDDS, EDSB, EDTY, EDDM	Z715(L132)- <b>ABKIS</b> - L132	MEI		SPE1		
EDDF, ETOU, EDFM, EDDS, EDSB, EDTY, LSZH	M726- <b>OKKOC</b>	GER		SAL1		
EDDM	Z109- <b>BAMKI</b>	<u> </u>		J, (2.1		

#### 3.8 Flights from München ACC to Karlsruhe UAC South Sectors

#### 3.8.1 **Departures**

Departure AD	Route of Flight and ACT COP (bold)	Transferring Sector	Entry Conditions	Accepting Sector
LIPB	M726 KOGOL	STA		CHI1
LIPB	P66 <b>KPT</b>	FUE		AL D4
LOWI	L608 <b>KPT</b>	FUE		ALP1
LOWI	M726 <b>MAH</b>	NDG		ISA1
LOWS	L610 MAMOR  NENUM DCT EPTEU L604  RUDNO	RDG		DON1
	L856 <b>KPT</b>			ALP1
	KONIN DCT AMEXO	FUE		ISA1
	L856 <b>KONIN</b>	STA		CHI1
LOWL	L610 MAMOR	RDG		DON1
	L604 RUDNO			
EDDS, EDTY	RIDAR Z98/DCT MIQ DCT <b>ALUTU</b>	NDG		ISA1
EDDF, EDSB, ETAR, EDF*, EDG*, EDDR, EDRZ, EDRY	Z98 -> L605/Y161 <b>REDVO</b>	NDG	FI 040	ISA1
	L603 <b>BESNI</b> L605		FL310	
EDDF	MIQ DCT <b>ALUTU</b> DCT BIBAG (slow climber)	EGG		DON1
ETAR, EDSB, LFST, EDDS	N871 <b>MADEB</b> N871/N606	ZUG		ALP1
, - , - ,	L607 <b>BEMKI</b>	FUE		
EDDS, EDDN,EDTY, EDQD,	L173/L603 <b>ROTAX</b>	TRU		
EDQM, EDQC, EDQK, EDQT, EDQG, EDQA	M867 TAKEX			CHI1
	M736 <b>TULSI</b>	TEG		
EDQD, EDQM, EDQC, EDQK, EDQT, EDQG, EDQA	L604 <b>LALIN</b>	EGG		DON1
EDAC, EDDE	M736 RUDNO	RDG		
LKPR, LKPD, LKKB, LKKV,	P31 <b>DEGIN</b>	EGG		DON4
LKVO	RUDAP DCT MAMOR	RDG		DON1
LKCS	P31 DOSEL DCT EBEDA	TRU		CHI1
LFSB, LSZB, LSZC, LSZG, LSZS, LSMA, LSME	N871 <b>MADEB</b> N871/N606	ZUG		ALP1

LSZS	Z209, M726 <b>INN</b>	STA	FL310	
EDJA, EDNY, LSZR, LSZH (slow climber only)	L725 <b>ZUREX</b>	TRU		CHI1
	N871 <b>ATLOL</b>			
LSZH	N871 <b>SUGIB</b>	STA		ALP1
	Z2 TUNUM	TEG		

# 4 Special Procedures

4.1.1 The following tactical directs may be used without prior coordination provided those waypoints are on FPL route and traffic remains clear of adjacent sectors/centers:

Transferring sector (unit)	Waypoint
BBG (EDMM)	HLZ, KUMER, ABGUS, ZUCKA
HAL/GER (EDMM)	HLZ, KUMER, ZUCKA
HOF (EDMM)	VEMUT, OKG, KATCE
MEI (EDMM)	OMELO, MAREM, HDO
SAL (EDUU)	SODRO, LALUK, LASIS
SPE (EDUU)	LALUK, LASIS
FUL (EDUU)	TAMEB

### 4.2 Enroute Traffic

4.2.1 Traffic between München ACC and Karlsruhe UAC sector TGO along L608 may be cleared from ERKIR/MANAL direct TEDGO.

## 4.3 Departures

4.3.1 Routing ERMEL – Y101 – INBED

WUR1 accepts these flights climbing max. FL300 to be latest IBAGA/REKDI at level.

Departures EDMM FIR may be cleared direct IBAGA/REKDI by ALB sector. Departures EDMM FIR are released by ALB sector

- for climb to FL310 and
- for turns passing/reaching FL300 or INBED/abeam INBED whichever is earlier.
- 4.3.2 Departures EDDN and EDDM L604-MASEK are released for climb from BBG.

# 4.4 Arrivals

- 4.4.1 Arrivals EDDP via FEDZA-T957 are released from FUL.
- 4.4.2 Sector ALP may clear flights direct TIRUL and BERAS.

## 4.5 Flights on transit

Flights via OTT-L173-EBEDA are released for turn from München ACC to CHI sector after passing OTT/abeam OTT.

Departures LSZH via Z2 XEBIX are accepted

- · DCT KOGOL by ALP and CHI sector,
- DCT BIRGI, GEDSO or UMVEG by ALP sector.

Arrivals EDSB, LSZS, EDFM, ETAR, EDTD, EDTL and EDRY via P66 are accepted DCT KPT.

### 5 Transfer of Control and Transfer of Communication

### 5.1 Transfer of Control

Transfer of Control shall take place at the AoR boundary, unless otherwise specified in paragraph 3.

If the downstream sector in EuroScope is set to >.break<, the procedure 5.4 is suspended and transfer of communication can only take place after the downstream sector has assumed the flight via the appropriate function of the radar client.

If it becomes necessary to reduce or suspend transfers, a 5 minute prior notification is required.

When transfers are suspended, the hand-off procedure (5.4) is suspended.

## 5.2 Silent transfer of control

The following values for silent transfer of control apply:

- If succeeding aircraft is not faster: 10 NM
- If succeeding aircraft is faster by 20kts/M0.05 or less: 20 NM
- If succeeding aircraft is faster by 40kts/M0.1 or less: 30 NM

### 5.3 Conditions for vertical entries

Silent radar transfer of vertical entries shall be carried out according to the conditions listed in Chapter 3.

### 5.4 Transfer of Communications

Transfer of Communications shall take place no later than Transfer of Control.

### 5.5 Hand-Off procedure

Unless otherwise agreed between stations online, the following hand-off procedure shall apply:

- The upstream sector sends the aircraft to the frequency of the downstream sector by voice or text.
- 2. The upstream sector initiates a transfer via the appropriate function of the radar client.
- 3. Upon initial call the downstream sector assumes the flight via the appropriate function of the radar client.

## 5.6 SSR Code Assignment

Both ATS units shall transfer flights on verified discrete SSR codes. Any change of SSR code by the accepting ATS unit may only take place after the transfer of control point.