

**ENR 3.7**  
**ATS-Fernmeldeeinrichtungen – Strecke**  
**ATS Communication Facilities – Enroute**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
<b>Bremen</b>				
FIS	BREMEN INFORMATION	125.100* 340.600 119.825* 376.400 132.650* 251.375	H24  H24  H24	* En + Ge      AIRMET and SIGMET: s. GEN 3.5
ACC	BREMEN RADAR	121.500 243.000 133.725* 127.675 362.300 265.050	H24  H24  H24 H24	Emergency frequencies for all services  * Alternate frequency for ACC services  NATO combined channel 6 Guard frequency for ACC
MRZ		124.175 363.575 337.925 134.650 373.975 126.075 376.100	H24 H24 H24 O/R O/R O/R O/R	Alternate frequencies
MAR		136.050 396.975 126.075 376.100	H24 H24 O/R O/R	Alternate frequencies
BOR		123.225 284.825 125.300 240.975	H24 H24 O/R O/R	Alternate frequencies
FLG		136.450 369.300 125.300 240.975	H24 H24 O/R O/R	Alternate frequencies
FRIE		124.800 336.450 124.075 259.550	H24 H24 O/R O/R	Alternate frequencies
ALEHE		123.925 337.950 127.675	H24 H24 O/R	Alternate frequency
HAMWB		134.250 338.000 127.675	H24 H24 O/R	Alternate frequency
HAMEB		136.675 338.000 127.675	H24 H24 O/R	Alternate frequency
HEIE		125.850 377.475 127.675	H24 H24 O/R	Alternate frequency
EMSE		125.025 372.550 133.725	H24 H24 O/R	Alternate frequency
DSTE		128.750 283.950 133.725	H24 H24 O/R	Alternate frequency
HANB		131.325 118.050 259.725 118.150	H24 H24 H24 O/R	Alternate frequency
HRZE		126.650 372.300 120.350	H24 H24 O/R	Alternate frequency

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<b>Bremen</b>				
EIDE		371.750 313.225 120.225 124.075	H24 H24 H24 O/R	Alternate frequency
ALELB		125.650 377.525 124.650	H24 H24 O/R	Alternate frequency Berlin arrivals south
DBAS	BREMEN RADAR	126.425 398.575 119.500	H24 H24 O/R	Alternate frequency Berlin arrivals north
DBAN		119.625 398.575 119.500	H24 H24 O/R	Alternate frequency Berlin departures
DBAD		120.625 313.500 119.500	H24 H24 O/R	Alternate frequency
DBANT	BERLIN DIRECTOR	136.100 398.575 119.500	H24 H24 O/R	Alternate frequency
DBAST		121.125 398.575 119.500	O/R H24 O/R	Alternate frequency
DHAT	HAMBURG DIRECTOR	118.200 124.625 338.000	H24	
DVAT	HANNOVER DIRECTOR	119.600 259.725	H24	
TRAMON	BREMEN TRAMON	369.000 375.025 280.700 311.675	* * * *	ED-R 201 N ED-R 201 S ED-R 202 ED-R 206 * During ED-R operating hours
Inmarsat satellite			H24	Use No. 421102 for phone calls from aircraft. Non-routine flight safety calls only. BREMEN ACC supervisor

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
<b>Karlsruhe</b>				
UAC	RHEIN RADAR	121.500 243.000 362.300 128.075 284.300 134.955+ 356.325 136.030+ 356.400	H24 H24 H24 O/R O/R O/R O/R O/R O/R	Emergency frequencies for all services  NATO combined channel 6 Alternate frequencies East Sectors  Alternate frequencies West Sectors  Alternate frequencies Central Sectors
NTM 1E	RHEIN RADAR	132.080+ 378.225	H24 H24	Nattenheim 1 (Low) Sector FL 245 – FL 325 (– FL 355) <sup>2)</sup>
NTM 2E		132.780+ 296.675	H24 H24	Nattenheim 2 (High) Sector FL 325 – FL 660
NTM 3E		136.480+ 376.350	<sup>2)</sup> <sup>2)</sup>	Nattenheim 3 (Top) Sector FL 355 – FL 660, <sup>2)</sup> on demand
W OE		387.150 387.800	<sup>1)</sup> <sup>1)</sup>	West OAT Sector FL 245 – FL 660 <sup>1)</sup> Mon – Fri 0630 (0530) – 2130 (2030) other times O/R
SLN 1E		120.930+ 313.625	H24 H24	Söllingen 1 (Low) Sector FL 245 – FL 335
SLN 2E		124.035+ 284.050	H24 H24	Söllingen 2 (High) Sector FL 335 – FL 660
TGO 1E		132.405+ 355.850	H24 H24	Tango 1 (Low) Sector FL 245 – FL 335
TGO 2E		133.280+ 341.675	H24 H24	Tango 2 (High) Sector FL 335 – FL 660
TGO OE		282.700 240.475	H24 H24	Tango OAT Sector and W of E 009 00 00
FFM 1E		132.330+ 372.125	H24 H24	Frankfurt 1 (Low) Sector FL 245 – FL 345 (– FL 315) <sup>2)</sup>
FFM 2E		128.830+ 280.200	H24 H24	Frankfurt 2 (High) Sector FL 345 – FL 660 (– FL 315 – FL 660/– FL 355) <sup>2)</sup>
FFM 3E		133.340+ 388.550	<sup>2)</sup> <sup>2)</sup>	Frankfurt 3 (Top) Sector FL 355 – FL 660, (– FL 385) <sup>2)</sup>
FFM 4E		135.955+ 388.550	<sup>2)</sup> <sup>2)</sup>	Frankfurt 4 (Mega Top) Sector FL 660 – UNL, <sup>2)</sup> on demand
X OE		308.875 371.950	H24 O/R	Central EBG OAT Sector and E of E 009 00 00 FL 245 – FL 660
WUR 1E		134.085+ 387.325	H24 H24	Würzburg 1 (Low) Sector FL 245 – FL 345 (– FL 315) <sup>2)</sup>
WUR 2E		133.835+ 277.600	H24 H24	Würzburg 2 (High) Sector FL 325 – FL 660 (– FL 315 – FL 660/– FL 355) <sup>2)</sup>
WUR 3E		134.065+ 379.100	<sup>2)</sup> <sup>2)</sup>	Würzburg 3 (Top) Sector FL 355 – FL 660, (– FL 385) <sup>2)</sup>
WUR 4E		133.815+ 308.875	<sup>2)</sup> <sup>2)</sup>	Würzburg 4 (Mega Top) Sector FL 385 – FL 660, <sup>2)</sup> on demand
FUL 1E		133.650 373.525	H24 H24	Fulda 1 (Low) Sector FL 245 – FL 345
FUL 2E		134.690+ 314.325	H24 H24	Fulda 2 (High) Sector FL 345 – FL 660
ERL 1E		136.405+ 359.700	H24 H24	Erlangen 1 (Low) Sector FL 315 – FL 365
ERL 2E		126.265+ 357.025	H24 H24	Erlangen 2 (High) Sector FL 365 – FL 660
OSE 1E		133.235+ 258.925	H24 H24	Ostsee 1 (Low) Sector FL 285 – FL 660
HVL 1E		128.235+ 293.475	H24 H24	Havel 1 (Low) Sector FL 285 – FL 660 (– FL 355) <sup>2)</sup>
HVL 2E		133.760+ 293.475	<sup>2)</sup> <sup>2)</sup>	Havel 2 (High) Sector FL 355 – FL 660, <sup>2)</sup> on demand  + 8,33 kHz Channel

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Karlsruhe				
SAL 1E		133.860+ 249.800	H24 H24	Saale 1 (Low) Sector FL 315 – UNL, (– FL 365) <sup>2)</sup>
SAL 2E		122.635+ 249.800	) )	Saale 2 (High) Sector FL 365 – FI 660 <sup>2)</sup> on demand
SPE 1E		133.285+ 281.375	H24 H24	Spree 1 (Low) Sector FL 315 – FL 660 + 8,33 kHz Channel
TRAMON	RHEIN MONITOR	388.250 374.825 356.150	* * *	ED-R 305 (TRA Lauter 2) ED-R 306 (TRA Mecklenburg 2) ED-R 308 (TRA Sachsen 2) * during ED-R operating hours
Inmarsat satellite			H24	Use No. 421106 for phone calls from aircraft. Non-routine flight safety calls only. RHEIN UAC supervisor

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
<b>Langen</b>				
FIS	LANGEN INFORMATION	123.525	H24	En + Ge, FIS W + N + E Class C Airspace around EDDF, GND – FL 100
		128.950	H24	En + Ge, FIS S + E Class C Airspace around EDDF, GND – FL 100
		119.150 359.300	SR-30 – SS+30	En + Ge, FIS and initial call for flights in Class C Airspace around EDDF; 40 NM, FL 100
		129.875	SR-30 – SS+30	En + Ge, for flights in Class C Airspace including Terminal FIS Düsseldorf  AIRMET and SIGMET: s. GEN 3.5
ACC	LANGEN RADAR	121.500	H24	Emergency frequencies for all services
		243.000 362.300 127.925 130.975 135.725 136.625 399.550	H24 H24 O/R O/R O/R O/R O/R	Guard frequency for all services Alternate frequencies
SIG		124.900	H24	Approaches EDGS
GIN		258.900		
		124.725 264.800	H24	Approaches EDFQ
HEF		127.725 379.900	H24	
GED		124.425	H24	
		368.800		
TAU		127.625 285.100	H24	
RUD		124.475	H24	
		275.300		
KIR		124.375	H24	
		275.300		
EIF		125.600	H24	Approaches EDFH
		375.700		
MANH		119.675 279.050	H24	
BAD		127.050	H24	
		279.050		
LBU		131.300	H24	
		278.450		
PFA		129.675	H24	Approaches EDDR, EDRZ
		256.675		
NKRL		129.350	H24	Approaches EDFM, ETOR
		299.950		
NKRH		127.500	H24	
		279.050		
KNG		125.675	H24	
		398.650		
DKB		125.200	H24	
		398.650		
PSA		125.400	H24	
		363.650		
KTG		120.575	H24	
		363.650		
HAB		134.200	H24	
		297.900		
STG		125.050	H24	Approaches EDTY, EDDS
		340.425		
REU		119.200	0500 – 2100	Approaches EDDS
		340.425	(0400 – 2000)	
DSAT	STUTTGART DIRECTOR	119.850	0500 – 2100	
		280.800	(0400 – 2000)	

Service designation	Call sign	Frequency	Hours of operation	Remarks
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<b>Langen</b>				
HMMM	LANGEN RADAR	129.175 378.825	H24	
PADH		135.650 375.100	H24	
HMML		129.300 387.825	H24	Approaches EDDG
PADL		125.225 342.025	H24	Approaches EDLW, EDLP
NNA		387.000	0445 – 2145 (0345 – 2045)	Mil procedures
DKAW		126.325 135.350 344.550 371.325	H24	Approaches EDDK
DKAE		118.750 359.875	H24	Alternate frequency Approaches EDDK
DKAT	KÖLN/BONN DIRECTOR	121.050 389.525	H24	
DLDN		128.500 337.850	H24	Approaches EDLN, EDLV, ETNG, ETNN
DLDS		133.775 275.800	0445 – 2130 (0345 – 2030)	Departures EDDL
DLA		128.550 372.825	H24	Approaches EDDL
DLAT	DÜSSELDORF DIRECTOR	128.650	0445 – 2130 (0345 – 2030)	
TRAMON	LANGEN MONITOR	373.625 281.175	*	ED-R 203 (TRA Münsterland) ED-R 205 (TRA LAUTER 1) * During hours of operation
Inmarsat satellite			H24	Use No. 421103 or 421104 for phone calls from aircraft. Non-routine flight safety calls only. LANGEN ACC supervisor

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
<b>Maastricht</b>				
UAC	MAASTRICHT RADAR	121.500	H24	Emergency frequencies for all services
		134.705+ 136.465+ 133.215+ 371.775	* H24	Jever High, FL345 – FL 660 Jever Sector Deco Sector Reserve * weekdays: 1600 (1500) – 2000 (1900) weekends: 1500 (1400) – 2000 (1900)
		120.935 132.865+ 133.955+ 312.350	H24 H24 H24	Holstein Sector Celle High, FL 335 – FL 660 Celle Sector
		135.490+ 132.615+ 311.750	H24 H24 H24	Ruhr High FL 335 – FL 660 Ruhr Sector
		135.310+ 133.855+ 311.750	H24 H24 H24	Münster High FL 335 – FL 660 Münster Sector
		131.380+ 134.710+ 312.350	H24 H24 H24	Solling High, FL 335 – FL 660 Solling Sector
		135.980+ 127.840+ 312.350	H24 H24 H24	Flevo Sector, FL 345 – FL 660 Reserve Hannover Sectors + 8,33 kHz Channel
UAC	LIPPE RADAR	121.500	H24	Emergency frequencies for all services
		243.000 362.300 138.575 337.700 313.200 131.080 314.600 373.450	H24 H24 H24 H24 H24 H24 H24 H24	Mil guard frequencies for all services Initial contact frequency north sector North sector 2 Initial contact frequency south sector South sector 2
TRAMON	LIPPE MONITOR	345.150	**	ED-D 100 (above FL 245) and ED-D 101B ED-R 302 (TRA Weser 2) ** During TRA activation times
Inmarsat satellite			H24	Use No. 00871761619227 for phone calls from aircraft. Non-routine flight safety calls only. MAASTRICHT UAC supervisor

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
<b>München</b>				
FIS	MÜNCHEN INFORMATION			* En + Ge Flight Information Service
MMC1I		126.950* 120.650 262.750 131.225	H24 H24  O/R	Southern part of München FIR up to FL 100 / FL 135  For flights within airspace class C around EDDM; 25 NM, FL 100
MMC2I		125.800 372.225	H24	Northern part of München FIR up to FL 100  AIRMET and SIGMET: s. GEN 3.5
ACC	MÜNCHEN RADAR	121.500 243.000 126.450 368.950 124.125 338.575	H24 H24 H24 H24 H24 H24	Emergency frequencies for all services  Alternate frequency FIR (Southern part)  Alternate frequency FIR (Northern part)
INN		124.050 378.450	H24	
KPTN		133.550 378.450	H24	
KPTS		134.150 378.450	H24	
CHIL		133.675 378.450	H24	
LCH		129.450 259.000	H24	
WLD		124.825 284.200	H24	
NDG		136.225 284.200	H24	
ALB		129.100 284.200	H24	
IGL		136.525 242.200	H24 H24	
RDG		132.550 371.700	H24	
EGG		129.550 371.700	H24	
FRKL		129.525 298.825	H24	Approaches EDQC, EDQD, EDQM, EDDN
TRGL		126.175 379.925 386.775	H24 H24 H24	Approaches EDDP, EDAC, EDDE
SASL		125.625 264.925	H24 H24	Approaches EDDC, EDAB
UAC	MÜNCHEN RADAR	128.975 375.250	HX HX	to be assigned to be assigned
ALPT		127.310+ 357.000	H24 H24	
KPTH		127.290+ 357.000	H24	
CHIH		128.815+ 280.350	H24 H24	
DONU		132.730+ 375.250	H24 H24	
ALPU		132.140+ 357.000	H24 H24	
ISAU		133.755+ 280.350	H24 H24	
ISAT		122.665+ 280.350	H24 H24	+ 8,33 kHz Channel
DONT		133.360+ 375.250	H24 H24	+ 8,33 kHz Channel
FRKH		122.680+ 369.800	H24 H24	



Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
<b>München</b>				
FRKU		132.155+ 399.300	H24 H24	+ 8,33 kHz Channel
TRGHN		118.235+ 247.675	H24 H24	+ 8,33 kHz Channel
TRGHS		133.230+ 338.575	H24 H24	+ 8,33 kHz Channel
SASH		131.055+ 296.775	H24 H24	+ 8,33 kHz Channel
TRAMON (MMC1S)	MÜNCHEN MONITOR	277.725	*	ED-R 207 a/b and 307 * During TRA activation times
TRAMON (MMC2S)		250.850	**	ED-R 208 (TRA-Sachsen 1) ** During ED-R operating hours
ALLOCATOR (MMC2J)		356.725		Military VFR/IFR Contact
Inmarsat satellite			H24	Use No. 421105 for phone calls from aircraft. Non-routine flight safety calls only. MÜNCHEN ACC/UAC supervisor