

ENR 4.4.1 NAME-CODE DESIGNATORS FOR FRA SIGNIFICANT POINTS

Legend for FRA relevance: (E) = "Horizontal Entry point", (X) = "Horizontal Exit point", (I) = "Intermediate point", (A) = "Arrival Connecting point", (D) = "Departure Connecting point".

Name-code designator	Coordinates	ATS route or other route	FRA relevance	Remarks/Usage
1	2	3	4	5
ABETI	474040N 0170046E	Nil	(I)	Nil
ABONY	471615N 0195845E	Nil	(I)	Nil
ABULI	482903N 0202912E	Nil	(I) FL245-FL660	Nil
			(X) 9500 FT AMSL-FL245	EVEN FLs for all exiting aircraft
ALAMU	474413N 0181948E	Nil	(I) FL245-FL660	Nil
			(E) 9500 FT AMSL-FL245	ODD FLs for all entering aircraft
AMRAX	480529N 0192158E	Nil	(I) FL245-FL660	Nil
			(X) 9500 FT AMSL-FL245	EVEN FLs for all exiting aircraft
ANIWE	480930N 0212630E	Nil	Nil	LHNY TIZ2/RMZ2 ENTRY/EXIT point
ARSIN	473402N 0164513E	Nil	(ID)	(D): LOWW See AIP Austria
BABIT	455554N 0185544E	Nil	(EX)	EVEN FLs for all entering aircraft, ODD FLs for all exiting aircraft
BABOX	465345N 0194059E	Nil	(D)	Final point of the SID procedure for LHKE, (D): LHKE
BADOR	473425N 0220629E	Nil	(I) FL105-FL660	Nil
			(X) 9500 FT AMSL-FL105	Nil
BADOV	480116N 0184857E	Nil	(D)	Final Point of the SID procedure for LHBP, (D): LHBP, LHKE, LH TL
BALAP	480405N 0191500E	Nil	(I) FL245-FL660	Nil
			(E) 9500 FT AMSL-FL245	ODD FLs for all entering aircraft
BALUX	472027N 0190746E	Nil	(IA)	Mandatory waypoint for LOWW/LZIB ARR except from KEKED. Mandatory waypoint for LZIB ARR. See also ENR 6-LHCC-LINKS chart, (A): LOWW, LZIB
BAREB	454446N 0182448E	Nil	(EXD)	Mandatory waypoint for DEP LHBP, EVEN FLs for all entering aircraft, ODD FLs for all exiting aircraft, (D): LHBP

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1	2	3	4	5
BEGLA	474951N 0170652E	Nil	(I)	Nil
BETED	480500N 0201400E	Nil	(I)	First way point of the STAR for LHBP
BINKU	465534N 0202733E	Nil	(D)	Final Point of the SID procedure for LHKE, (D): LHKE
BODZA	473333N 0182549E	Nil	(I)	Mandatory waypoint for ARR LZIB
BOKSI	463807N 0194951E	Nil	(A)	First way point of the STAR for LHKE, (A): LHKE
BUDOP	464115N 0212948E	Nil	(I) FL105-FL660	Nil
			(EX) 9500 FT AMSL-FL105	Nil
BUZRA	471651N 0190346E	Nil	(I)	Only available and mandatory for DEP/ARR LHTL
DEGET	462937N 0211602E	Nil	(I) FL175-FL660	Nil
			(E) 9500 FT AMSL-FL175	EVEN FLs for all entering aircraft
DEMOP	481029N 0200325E	Nil	(I) FL245-FL660	Nil
			(EX) 9500 FT AMSL-FL245	EVEN FLs for all entering aircraft, ODD FLs for all exiting aircraft
DIMLO	464101N 0162522E	Nil	(I) FL125-FL660	ODD FLs for all entering aircraft, EVEN FLs for all exiting aircraft, Mandatory waypoint for DEP LOWW. See also ENR 6-LHCC-LINKS chart, (D): LOWW (AD): LJMB See AIP Slovenia
			(EX) 9500 FT AMSL-FL125; (AD): LJMB	
DODAR	471252N 0193139E	Nil	(I)	Nil
DUZLA	465725N 0184349E	Nil	(I)	Final point of the SID procedure for LHBP
EBAMO	464956N 0193533E	Nil	(A)	First way point of the STAR for LHBP, (A): LHBP
EBORO	462121N 0195915E	Nil	(I)	Nil
EDEMU	481028N 0194829E	Nil	(A)	First way point of the STAR for LHBP, (A): LHBP
EMBUT	472436N 0185409E	Nil	(I)	Only available and mandatory for DEP/ARR LHTL
EPARI	474111N 0185841E	Nil	(ID)	Mandatory waypoint for LOWW DEP entering BUDAPEST CTA via ALAMU. See also ENR 6-LHCC-LINKS chart (D): LOWW

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Name-code designator	Coordinates	ATS route or other route	FRA relevance	Remarks/Usage
1	2	3	4	5
ERGOM	474830N 0184359E	Nil	(I) FL245-FL660	Nil
			(E) 9500 FT AMSL-FL245	ODD FLs for all entering aircraft
ERGUZ	470304N 0194835E	Nil	(I)	Only available and mandatory for DEP/ARR LHKE
ETARO	473000N 0190000E	Nil	(I)	Nil
ETNOG	473938N 0215812E	Nil	(I)	Nil
FAHAZ	465319N 0190255E	Nil	(I)	Final point of the SID procedure for LHBP
FOGRE	472945N 0200720E	Nil	(I)	Only available and mandatory for DEP/ARR LHKE
GASNA	475359N 0170759E	Nil	Nil	Nil
GAZDA	464819N 0192349E	Nil	(I)	Final point of the SID procedure for LHBP
GELKA	480605N 0201359E	Nil	(I)	Nil
GEMTO	480800N 0223540E	Nil	(X)	ODD FLs for all exiting aircraft
GILEP	472900N 0181532E	Nil	(ID)	Final point of the SID procedure for LHBP, Mandatory waypoint for DEP LHBP. See also ENR 6-LHCC-LINKS chart. (D): LHBP
GITAS	470317N 0181027E	Nil	(I)	Nil
GOTAR	465952N 0161329E	Nil	(IAD)	(AD): LOWG See AIP Austria
IBLIZ	481844N 0204629E	Nil	(ID)	Mandatory waypoint for DEP LHBP. See also ENR 6-LHCC-LINKS chart. (D): LHBP
ILHAK	465807N 0192226E	Nil	(I)	Only available and mandatory for DEP/ARR LHKE
INVED	460928N 0202405E	Nil	(I) FL175-FL660	Nil
			(X) 9500 FT AMSL-FL175	ODD FLs for all exiting aircraft
JOZEP	471121N 0184425E	Nil	(IA)	Mandatory waypoint for ARR LZIB, Holding point for ARR LHBP, See also ENR 6-LHCC-LINKS chart, (A): LZIB
KARIL	474738N 0222632E	Nil	(I) FL105-FL660	Nil
			(EX) 9500 FT AMSL-FL105	Nil

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1	2	3	4	5
KEKED	483123N 0211729E	Nil	(I) FL245-FL660	Nil
			(EX) 9500 FT AMSL-FL245	ODD FLs for all entering aircraft, EVEN FLs for all exiting aircraft
KENIN	482142N 0215538E	Nil	(I) FL245-FL660	Nil
			(EX) 9500 FT AMSL-FL245	ODD FLs for all entering aircraft, EVEN FLs for all exiting aircraft
KEROP	461104N 0194148E	Nil	(XD)	Mandatory waypoint for DEP LHBP, ODD FLs for all exiting aircraft, (D): LHBP
KEZAL	470913N 0201353E	Nil	(A)	First way point of the STAR for LHBP, See also ENR 6-LHCC-LINKS chart, (A): LHBP
KOPRY	461425N 0165746E	Nil	(EXA)	ODD FLs for all entering aircraft, EVEN FLs for all exiting aircraft, (A): LHBP
KOVEK	475050N 0203010E	Nil	(I)	Nil
KUSIS	475218N 0222302E	Nil	(I)	For tactical re-routing in case TRA 32/33 active
KUVEX	475430N 0172615E	Nil	Nil	Nil
LAHOR	474954N 0194341E	Nil	(I)	Holding point for ARR LHBP
LATOF	481642N 0204802E	Nil	(AD)	Final point of the SID procedure for LZKZ, First waypoint of the STAR for LZKZ, (AD): LZKZ
LITKU	481350N 0193555E	Nil	(I) FL245-FL660	Final point of the SID procedure for LHBP
			(XD) 9500 FT AMSL-FL245	Final point of the SID procedure for LHBP, EVEN FLs for all exiting aircraft, (D): LHBP
LONLA	482024N 0221911E	Nil	(EX)	EVEN FLs for all entering aircraft, ODD FLs for all exiting aircraft
LUVEL	464600N 0212010E	Nil	(I)	For tactical re-routing in case TRA 32/33 active
MAVIR	462354N 0194931E	Nil	(ID)	Mandatory waypoint for DEP LHBP, Final point of the SID procedure for LHKE, (D): LHKE, LHBP
MEGIK	471230N 0215140E	Nil	(I) FL105-FL660	Nil
			(E) 9500 FT AMSL-FL105	Nil

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1	2	3	4	5
MIZOL	481215N 0201432E	Nil	(I)	Mandatory waypoint for DEP LHBP
MOPUG	460949N 0204229E	Nil	(I) FL175-FL660	Nil
			(E) 9500 FT AMSL-FL175	EVEN FLs for all entering aircraft
NALOX	465211N 0164912E	Nil	(IAD)	Final point of the SID procedure for LHSM / First waypoint of the STAR for LHSM, (AD): LHSM, (D): LOWW
NARKA	471454N 0215136E	Nil	(I) FL105-FL660	Nil
			(EX) 9500 FT AMSL-FL105	Nil
NATEX	474449N 0173000E	Nil	(I) FL245-FL660	(A): LOWW See AIP Austria
			(A) 9500 FT AMSL - FL245	
NEKIN	462426N 0164212E	Nil	(X)	Nil
NIKAB	463709N 0173244E	Nil	(I)	Nil
NIPUR	474302N 0200047E	Nil	(I)	For tactical re-routing in case TRA 32/33 active
NOHAT	464840N 0163735E	Nil	(ID)	Mandatory waypoint for DEP LOWW, See also ENR 6-LHCC-LINKS chart, (D): LOWW
NORAH	473658N 0194829E	Nil	(I)	Nil
OGVUN	472306N 0175120E	Nil	(IAD)	Mandatory waypoint for ARR LHBP, Final point of the SID procedure for LHPA / First waypoint of the STAR for LHPA, (AD): LHPA
OKORA	464559N 0182217E	Nil	(I)	Nil
OLATI	465914N 0172845E	Nil	(I)	Nil
ONNIS	475800N 0215800E	Nil	Nil	LHNY TIZ2/RMZ2 ENTRY/EXIT point
OSDUK	454715N 0180801E	Nil	(XD)	Mandatory waypoint for DEP LHBP, ODD FLs for all exiting aircraft, (D): LHBP
OSLEN	464336N 0202145E	Nil	(A)	First waypoint of the STAR for LHKE, (A): LHKE
PARAK	460950N 0200539E	Nil	(EXA)	Mandatory waypoint for ARR LHBP, EVEN FLs for all entering aircraft, ODD FLs for all exiting aircraft, (A): LHBP

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1	2	3	4	5
PATAK	480423N 0190738E	Nil	(I) FL245-FL660	Nil
			(X) 9500 FT AMSL-FL245	EVEN FLs for all exiting aircraft
PEJKO	473730N 0195136E	Nil	(I)	Only available and mandatory for DEP/ARR LHKE
PERIT	474718N 0213722E	Nil	(IAD)	First waypoint of the STAR for LHDC, Final point of the SID procedure for LHDC, (AD): LHDC
PESAT	474254N 0170311E	Nil	(I)	Nil
PIDON	460720N 0180410E	Nil	(IAD)	First waypoint of the STAR for LHPP, Final Point of the SID procedure for LHPP, (AD): LHPP
PITOK	481929N 0202218E	Nil	(I) FL245-FL660	Nil
			(EX) 9500 FT AMSL-FL245	ODD FLs for all entering aircraft, EVEN FLs for all exiting aircraft
PUCOG	472456N 0183531E	Nil	(I)	Mandatory waypoint for ARR LZIB
PUSTA	470908N 0184432E	Nil	(I)	Nil
RAKFA	471140N 0182740E	Nil	(I)	Nil
RIGSA	480952N 0204506E	Nil	(IA)	Mandatory waypoint for ARR LHBP. See also ENR 6-LHCC-LINKS chart, (A): LHBP
ROMKA	481319N 0215025E	Nil	(I)	Mandatory in case of LHTRA32B and LHTRA33B active
SASAL	471705N 0162828E	Nil	(I)	Nil
SIRDU	471517N 0171955E	Nil	(IAD)	Mandatory waypoint for ARR LHBP, Mandatory waypoint for DEP LZIB via VAMOG, See also ENR 6-LHCC-LINKS chart, (A): LHBP, (D): LZIB
SOGMO	463637N 0174103E	Nil	(I)	Nil
SOPRO	473516N 0164809E	Nil	(EX)	Only below 9500 FT AMSL, ODD FLs for all entering aircraft, EVEN FLs for all exiting aircraft
STEIN	472539N 0163559E	Nil	(ID)	(D): LOWW See AIP Austria
SUBES	472516N 0172536E	Nil	(I)	Nil

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1	2	3	4	5
SUFAX	481336N 0212349E	Nil	(AD)	Final point of the SID procedure for LZKZ, First waypoint of the STAR for LZKZ, (AD): LZKZ
SUNIS	470831N 0162059E	Nil	(I)	Nil
SUNOR	462847N 0171750E	Nil	(AD)	Final point of the SID procedure for LHSM, First waypoint of the STAR for LHSM, (AD): LHSM
TEGRI	461546N 0210616E	Nil	(I) FL175-FL660	Nil
			(X) 9500 FT AMSL-FL175	ODD FLs for all exiting aircraft
TEKNO	473726N 0172432E	Nil	(I)	Nil
TONDO	460250N 0192121E	Nil	(E)	EVEN FLs for all entering aircraft
TORNO	473223N 0182924E	Nil	(IA)	Mandatory waypoint for ARR LOWW, LZIB. See also ENR 6-LHCC-LINKS chart. (A): LOWW, LZIB
ULZAK	465939N 0183401E	Nil	(I)	First waypoint of the STAR for LHBP
UVERA	471200N 0202547E	Nil	(I)	For tactical re-routing in case TRA 32/33 active
VAJDI	472232N 0181709E	Nil	(I)	First waypoint of the STAR for LHBP
VAMOG	474714N 0173945E	Nil	(I) FL245-FL660	Nil
			(EX) 9500 FT AMSL-FL245	ODD FLs for all entering aircraft, EVEN FLs for all exiting aircraft
VEBAL	455929N 0171748E	Nil	(EXD)	Mandatory waypoint for DEP LHBP, ODD FLs for all entering aircraft, EVEN FLs for all exiting aircraft, (D): LHBP
VEBOS	471823N 0183814E	Nil	(I)	Nil
VERIG	471020N 0214329E	Nil	(IAD)	First waypoint of the STAR for LHDC Final point of the SID procedure for LHDC, (AD): LHDC
VETIK	472110N 0201357E	Nil	(D)	Final point of the SID procedure for LHBP, (D): LHBP
WITRI	480854N 0200712E	Nil	(I)	Final point of the SID procedure for LHBP

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1	2	3	4	5
XOMBA	474524N 0180343E	Nil	(I) FL245-FL660	Nil
			(EX) 9500 FT AMSL-FL245	Mandatory waypoint for ARR LZIB, See also ENR 6-LHCC-LINKS chart, ODD FLs for all entering aircraft, EVEN FLs for all exiting aircraft
ZOLKU	473326N 0174830E	Nil	(ID)	Mandatory waypoint for DEP LHBP via GILEP, See also ENR 6-LHCC-LINKS chart, (D): LHBP
ZURFA	472352N 0195045E	Nil	(I)	Holding point for ARR LHBP