



Planning of navigation infrastructure for the 2nd half-year 2021 and outlook 2022

Version 28 May 2021 SIS/NT

ILS- and GBAS-facilities

Airport	Runway	Facility	Period of time	Measure	Effect
EDDV	27L	ILS	2021	Renewal of ILS transmitter LOC & GP	Shutdowns and flight inspections due to transition, after commissioning temporary downgraded to CAT I Level 1 (no autoland), replacement of the middle marker by frequency-paired ILS/DME will take place at a later date (in the course of the PBN introduction in EDDV)
EDDP	08L	ILS	2021	Renewal of ILS transmitter LOC & GP, replacement of middle marker with frequency-paired ILS/DME	Change of ILS-procedures EDDP to ILS/DME, measure is being carried out in the course of reconstruction on (closed) northern RWY, for recommissioning of the northern RWY expected 01 SEPT21) 08L CAT I (no autoland), expected CAT II/III by 01OCT21
EDDP	26R	ILS	2022	Renewal of ILS transmitter LOC & GP, replacement of middle marker with frequency-paired ILS/DME	Change to ILS approach procedures EDDP to ILS/DME, shutdowns and flight inspections due to transition, after recommissioning temporary downgraded to CAT I Level 1 (no autoland)



Airport	Runway	Facility	Period of time	Measure	Effect
EDDE	10 (in future 09)	ILS	2022	Renewal of ILS transmitter LOC & GP, replacement of middle marker with frequency-paired ILS/DME	Change to ILS approach procedures EDDE to ILS/DME, shutdowns and flight inspections due to transition, after recommissioning temporary downgraded to CAT I Level 1 (no autoland)
EDDE	28 (in future 27)	ILS	2022	Renewal of ILS transmitter LOC & GP, replacement of middle marker with frequency-paired ILS/DME	Change to ILS approach procedures EDDE to ILS/DME, shutdowns and flight inspections due to transition, after recommissioning temporary downgraded to CAT I Level 1 (no autoland)
EDDW	09	ILS	2022	Renewal of ILS transmitter LOC & GP	Shutdowns and flight inspections due to transition, after recommissioning temporary downgraded to CAT I Level 1 (no autoland), replacement of middle marker with frequency-paired ILS/DME will take place later (in the course of the PBN introduction in EDDW)



VOR-, DME-, and NDB-facilities:

Facility (Airport)	Ident	Facility	Period of time	Measure	Effect
EDDV	HBD	NDB	2021	Refurbishment	Shutdowns and flight inspections due to transition
Enroute, EDDV	SAS	DVORDME	2021	Shutdown VORDME Sarstedt (interim) SAS, Reconstruction of DVORDME	Shutdowns and flight inspections due to transition, change of IFR procedures expected,
EDDN	NUB	DVORDME	2021	Renewal, Reconstruction of CVOR as DVOR, DME (identifier NBI) is available during the conversion phase	Shutdowns and flight inspections due to transition, change of IFR procedures expected, no change of designator
EDDF EDFH	NTM	VORTAC	2021	Final deactivation of VORTAC (by AIRAC 15 JUL 2021)	Change of IFR procedures expected
Enroute EDDF EDQG	WUR	VOR	2021	Final deactivation of VOR (expected by end of 2021)	Change of IFR procedures expected
MIL	TGO	TACAN	2021	Final deactivation of TACAN	Modification of the TACAN route network
EDDK	KBO	DVORDME	2022	Renewal, Reconstruction of CVOR as DVOR, DME (identifier KID) is available during the conversion phase.	Shutdowns and flight inspections due to transition, change of IFR procedures expected, no change of designator
Enroute, EDDF	FKS	DVORDME	2022	Reconstruction (distance approx. 2 km from DVORDME RID), facility name "Frankenstein", designator FKS (RID will continue to operate for a short time until IFR procedures at Mannheim EDFM are changed and then switched off)	Change of IFR procedures expected
Enroute, EDDL	BAM	DVORDME	2022	Renewal	Shutdowns and flight inspections due to transition



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Facility (Airport)	Ident	Facility	Period of time	Measure	Effect
Enroute, EDDH	HAM	DVORDME	2022	Renewal, Reconstruction of TACAN as DME	Shutdowns and flight inspections due to transition
EDDL	DUS	DVORDME	2022	Reconstruction, Renewal of CVOR as DVOR	Shutdowns and flight inspections due to transition, no change of designator

Important notice:

Changes to the planning data may occur. Further conversions and decommissioning are subject to internal DFS coordination.