

INTERNATIONAL CIVIL AVIATION ORGANISATION



EUROPEAN AIR NAVIGATION PLAN

Volume II, PART III - CNS

**SUPPLEMENT  
TABLE AFS-1**

**AFTN/CIDIN/AMHS INTERNATIONAL CONNECTIVITY INFORMATION**

Created by AMC at Eurocontrol on 08/10/2021

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## 1. GENERAL

1.1 Table AFS-1 is a Supplement to the European Region Air Navigation Plan, Volume II, FASID, Part IV-CNS (ICAO Doc 7754).

1.2 The Table depicts existing and planned international connectivity of the Regional AFTN/CIDIN/AMHS network and associated technical requirements.

1.3 The relevant network inventory data is maintained within the AMC, as provided by States at regular intervals.

## 2. EXPLANATION OF THE TABLE

Column Heading	Explanation
Local International COM Centre	Local International COM Centre Location Indicator (ICAO Doc 7910 refers)
Remote International COM Centre	Remote International COM Centre Location Indicator (ICAO Doc 7910 refers)
Type of Circuit	Landline Multiplexer Network Radio Satellite
Type of Protocol	AFTN CIDIN AMHS
Bandwidth	The bandwidth of the circuit in kbps
Status of Implementation	I - Implemented, for circuits that already operate P - Planned, for circuits that are planned to operate in the near future. If the implementation date is known, shall be indicated in brackets in the Remarks field.
Remarks	Free Text. (e.g. implementation date of a planned connection, existence of a back-up circuit, or any other comments that might be useful).

## 3. ABBREVIATIONS

AFTN Aeronautical Fixed Telecommunications Network

AMC ATS Messaging Management Centre

AMHS ATS Message Handling System

CIDIN Common ICAO Data Interchange Network

COM Communications

Kbps Kilobits per second

## Albania

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LAAA	LGGG		AMHS	64k	I	
LAAA	LIII	Network	AMHS		I	

## Areas Under the Control of the Palestinian Authority

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LVGZ	LLBG		AFTN	50	I	

## Armenia

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UDYZ	ULLL		AMHS	64k	I	
UDYZ	URRR		AFTN	64K	I	

## Austria

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LOOO	EBBB	Network	AMHS	2M		
LOOO	EDDD	Network	AMHS			
LOOO	EGGG		AMHS			
LOOO	EKCH		AMHS	5M		
LOOO	EPWW	Network	AMHS	1M		
LOOO	EUCB		AMHS	2M		ANSP OPS MSG VPN
LOOO	EUCH		AMHS	2M		ANSP OPS MSG VPN
LOOO	LBSF	Network	AMHS	2M		
LOOO	LCNC		AMHS	512k		
LOOO	LDDD	Network	AMHS			
LOOO	LEEE		AMHS			
LOOO	LFLF		AMHS			
LOOO	LGGG		AMHS	64k		
LOOO	LHBP	Network	AMHS			
LOOO	LIII		AMHS			
LOOO	LJJJ	Network	AMHS			
LOOO	LKKK		AMHS	2M		Primary Connection
LOOO	LKKK		AMHS			Alternate Connection
LOOO	LPPT		AMHS			
LOOO	LQQQ	Network	AMHS			2M
LOOO	LRBB		AMHS			2M
LOOO	LSSS	Network	AMHS			
LOOO	LTAC		AMHS			
LOOO	LYYY	Network	AMHS			
LOOO	LZIB	Network	AMHS			Primary Connection
LOOO	LZIB	Network	AMHS			Alternate Connection

## Belarus

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UMMM	UKKK		AMHS	128k	P	(25/03/2021 00:00)
UMMM	UKKK		AFTN	9,6K	I	modified to 9,6K 29/03/2018
UMMM	ULLL		AMHS		I	
UMMM	UUUU		AMHS		I	

## Belgium

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EBBB	EDDD		AMHS	155M	I	
EBBB	EDYY		AMHS	155M	I	
EBBB	EGGG		AMHS		I	
EBBB	EHAM		AMHS	155M	I	
EBBB	EKCH		AMHS	5M	I	
EBBB	ELLX		AMHS	384k	I	
EBBB	EPWW	Network	AMHS	1M	I	
EBBB	EUCB		AMHS	2M	I	
EBBB	EUCH		AMHS	2M	I	ANSP OPS MSG VPN
EBBB	LEEE		AMHS	512k	I	
EBBB	LFLF	Network	AMHS	512k	I	
EBBB	LOOO	Network	AMHS	2M	I	
EBBB	LPPT		AMHS	512k	I	
EBBB	LSSS		AMHS	2M	I	

## Bosnia and Herzegovina

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LQQQ	LDDD		AMHS	2Mb	I	
LQQQ	LOOO	Network	AMHS		I	2M
LQQQ	LYYY		AMHS	64k	I	Added by AMC Operator for OPER.212

## Bulgaria

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LBSF	EUCB		AMHS	2M	I	
LBSF	EUCH		AMHS	2M	I	
LBSF	LGGG		AMHS	64k	I	
LBSF	LOOO	Network	AMHS	2M	I	
LBSF	LRBB		AMHS	2M	I	
LBSF	LTAC	Landline	AMHS		P	( )
LBSF	LWSK		AFTN	64K	I	AFTN over TCP
LBSF	LYYY		AMHS	1792 kb's	I	
LBSF	LYYY		AFTN	1.8M	I	AFTN over TCP/IP

## Croatia

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LDDD	EDDD	Network	AMHS	512k		
LDDD	EGGG		AMHS			Live connection introduced on the 27th November 2018
LDDD	EPWW		AMHS			
LDDD	EUCH		AMHS	1M		ANSP OPS MSG VPN
LDDD	EUCB		AMHS	1M		
LDDD	LEEE		AMHS	200k		
LDDD	LIII	Network	AMHS	512k		
LDDD	LOOO	Network	AMHS			
LDDD	LQQQ		AMHS	2Mb		
LDDD	LZIB	Network	AMHS			



## Cyprus

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LCNC	HECA		AMHS		P	()
LCNC	LGGG		AMHS	2M	I	
LCNC	LIII	Landline	AMHS		I	
LCNC	LLBG		CIDIN	64k	I	
LCNC	LOOO		AMHS	512k	I	
LCNC	OBBI		AMHS	64k	P	()
LCNC	OBBI		CIDIN	64k	I	
LCNC	OEJN		AMHS		P	()
LCNC	OEJN	Landline	CIDIN	64k	I	
LCNC	OJAM		AMHS	2M	P	(01/01/2019 00:00)
LCNC	OJAM		AFTN	64K	I	
LCNC	OLBA		CIDIN	9.6k	I	

## Czech Republic

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LKKK	EDDD		AMHS			
LKKK	EPWW		AMHS			
LKKK	EPWW		AMHS			
LKKK	EUCB		AMHS			
LKKK	EUCH		AMHS			
LKKK	LHBP		AMHS			
LKKK	LOOO		AMHS	2M		Primary Connection
LKKK	LOOO		AMHS			Alternate Connection
LKKK	LZIB	Network	AMHS			Primary Connection
LKKK	LZIB	Network	AMHS			Alternate Connection

## Denmark

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EKCH	BGGH		AFTN	256k		
EKCH	EBBB		AMHS	5M		
EKCH	EDDD	Network	AMHS	5M		
EKCH	EFHK	Network	AMHS	5M		
EKCH	EGGG		AMHS	5M		
EKCH	EHAM	Network	AMHS	5M		
EKCH	EUCH		AMHS	5M		ANSP OPS MSG VPN
EKCH	ENHB		AMHS	5M		
EKCH	EPWW		AMHS	5M		
EKCH	ESSS	Network	AMHS	5M		
EKCH	EUCB		AMHS	5M		
EKCH	LEEE		AMHS	5M		
EKCH	LOOO		AMHS	5M		
EKCH	LPPT		AMHS	5M		
EKCH	LSSS		AMHS	5M		

## Estonia

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EETN	EUCH		AMHS			
EETN	EFHK		AMHS	64k		
EETN	ESSS		AMHS			
EETN	EUCB		AMHS			
EETN	EVRR		AMHS			
EETN	ULLL		AMHS	64k		

## Finland

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EFHK	EDDD	Network	AMHS	512k		
EFHK	EETN		AMHS	64k		
EFHK	EUCH		AMHS	1M		ANSP OPS MSG VPN
EFHK	EGGG		AMHS	64k		
EFHK	EKCH	Network	AMHS	5M		
EFHK	ENHB		AMHS			Operational by bilateral agreement since 4th of March 2018
EFHK	ESSS		AMHS	64k		
EFHK	EUCB		AMHS	1M		
EFHK	ULLL		AMHS	64k		

## France

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LFLF	DAAA	Satellite	AFTN	4.8k	I	Back up
LFLF	DAAA	Satellite	CIDIN	9.6k	I	Pilot operation
LFLF	EBBB	Network	AMHS	512k	I	
LFLF	EDDD	Network	AMHS	512k	I	
LFLF	EGGG		AMHS		I	
LFLF	EIAA		AMHS		I	
LFLF	EUCH		AMHS		I	IPv4
LFLF	LEEE	Network	AMHS	200k	I	
LFLF	EUCB		AMHS		I	
LFLF	LIII		AMHS		I	
LFLF	LNMC		AFTN	50	I	
LFLF	LOOO		AMHS		I	
LFLF	LPPT		AMHS		P	( )
LFLF	LSSS		AMHS		I	

## Georgia

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UGGG	URRR		AFTN	100	I	

## Germany

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EDDD	EBBB		AMHS	155M	I	
EDDD	EUCH	Network	AMHS	1M	I	ANSP OPS MSG VPN
EDDD	EDYY	Network	AMHS	256k	I	
EDDD	EFHK	Network	AMHS	512k	I	
EDDD	EGGG		AMHS	512k	I	
EDDD	EHAM	Network	AMHS	155M	I	
EDDD	EKCH	Network	AMHS	5M	I	
EDDD	ELLX		AMHS	64k	I	
EDDD	EPWW	Network	AMHS	512k	I	
EDDD	EUCB	Network	AMHS	1M	I	ANSP OPS MSG VPN
EDDD	EUEC	Network	AMHS	128k	I	
EDDD	EVRR		AMHS	256k	I	
EDDD	LDDD	Network	AMHS	512k	I	
EDDD	LEEE		AMHS	512k	I	
EDDD	LFLF	Network	AMHS	512k	I	
EDDD	LKKK		AMHS		I	
EDDD	LOOO	Network	AMHS		I	
EDDD	LPPT		AMHS		I	
EDDD	LSSS		AMHS		I	
EDDD	SITA	Network	AMHS	64k	I	AMHS/SITA Type X Gateway connection
EDDD	UUUU		AMHS	128k	I	
EDYY	EBBB		AMHS	155M	I	
EDYY	EDDD	Network	AMHS	256k	I	
EDYY	EUCH		AMHS	1024 Kbps	P	( ) ANSP OPS MSG VPN
EDYY	EUCB		AMHS	1M	P	( )

## Gibraltar

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LXGB	EGGG		AFTN	9.6k		

## Greece

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LGGG	HECA	Landline	AMHS	2M		over Digital Leased Line - New 2MBps link installed in May 2021
LGGG	LAAA		AMHS	64k		
LGGG	LBSF		AMHS	64k		
LGGG	LCNC		AMHS	2M		
LGGG	LEEE		AMHS	64k		
LGGG	LIII		CIDIN	512k		Upgraded
LGGG	LLBG	Network	AMHS	1M		
LGGG	LMML		AFTN			
LGGG	LMML		AMHS	10M		
LGGG	LOOO		AMHS	64k		
LGGG	LTAC		AMHS	64k		
LGGG	LWSK		AFTN	64k		upgraded from Async to AFTNoTCP/IP
LGGG	LYYY		AMHS	64k		
LGGG	UUUU		AMHS	2M		

## Greenland

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
BGGH	EKCH		AFTN	256k		

## Hungary

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LHBP	EPWW	Network	AMHS			
LHBP	EUCB		AMHS	1M		
LHBP	EUCH		AMHS	1M		ANSP OPS MSG VPN
LHBP	LKKK		AMHS			
LHBP	LOOO	Network	AMHS			
LHBP	LRBB		AMHS	9.6k		Connection amended by AMC for OPER.208
LHBP	LYYY		AFTN	128k		AFTN over TCP/IP
LHBP	LZIB	Network	AMHS			
LHBP	UKKK	Multiplexer	AMHS	128k		
LHBP	UUUU		AMHS			



## Iceland

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
BICC	CYAA		AMHS	128k	I	
BICC	EGGG		AMHS		I	
BICC	ENHB		AMHS		P	(26/04/2018 00:00)IOT planned at 19th of march 2018 and POT planned at 22nd of march 2018 - Then a stability period before OPS

## Ireland

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EIAA	EGGG		AMHS		I	
EIAA	LFLF		AMHS		I	

## Israel

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LLBG	EGGG	Network	AMHS		P	( )
LLBG	EGGG		CIDIN	64k	I	info 081343 llbgfyx
LLBG	HECA		AFTN	50	I	
LLBG	LCNC		CIDIN	64k	I	
LLBG	LGGG	Network	AMHS	1M	I	
LLBG	LVGZ		AFTN	50	I	
LLBG	OJAM	Landline	AMHS	2M	P	(01/01/2019 00:00)
LLBG	OJAM		AFTN	19.2k	I	

## Italy

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LIII	DTTC		AMHS	128k	I	AMHS Connection
LIII	DTTC		AFTN	1.2k	I	Backup CONV.AFTN
LIII	EPWW		AMHS		I	
LIII	EUCB	Network	AMHS	1M	I	
LIII	EUCH	Network	AMHS	1M	I	ANSP OPS MSG VPN
LIII	HLLT		AFTN	19.2k	I	AFTN over IP
LIII	LAAA	Network	AMHS		I	
LIII	LCNC	Landline	AMHS		I	
LIII	LDDD	Network	AMHS	512k	I	
LIII	LEEE		AMHS	200k	I	
LIII	LFLF		AMHS		I	
LIII	LGGG		CIDIN	512k	I	Upgraded
LIII	LJJJ		AMHS		I	
LIII	LMML		AMHS		P	(09/09/2021 00:00)
LIII	LMML		AFTN	2x1.2k	I	
LIII	LOOO		AMHS		I	
LIII	LSSS		AMHS		I	
LIII	LTAC	Landline	AMHS		I	
LIII	VTBB	Landline	AFTN	64K	I	
LIII	VTBB	Network	AMHS	64K	P	( ) Plan to complete in Q4/2019

## Kazakhstan

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UAAA	UACC		AFTN	2x32k		AFTN over TCP/IP
UAAA	UCFM		AFTN	2M		AFTN over TCP/IP
UAAA	UTAA		AFTN	200		
UAAA	UTDD		AFTN	1.2k		
UAAA	UTTT		AFTN	2x100		
UAAA	UUUU		AFTN	9.6k		
UACC	UAAA		AFTN	2x32k		AFTN over TCP/IP
UACC	UNNT		AFTN	1.2k		

## Kyrgyzstan

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UCFM	UAAA		AFTN	2M		AFTN over TCP/IP
UCFM	UTTT		AFTN	50		

## Latvia

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EVRR	EDDD		AMHS	256k		
EVRR	EETN		AMHS			
EVRR	EGGG		AMHS			
EVRR	EPWW		AMHS			
EVRR	EUCH		AMHS	1M		ANSP OPS MSG VPN
EVRR	EUCB		AMHS	1M		
EVRR	EYVC	Multiplexer	AMHS			
EVRR	LZIB	Network	AMHS			
EVRR	UUUU		AMHS			

## Lithuania

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EYVC	EPWW	Landline	AMHS			
EYVC	EVRR	Multiplexer	AMHS			

## Luxembourg

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
ELLX	EBBB		AMHS	384k		
ELLX	EDDD		AMHS	64k		

## Malta

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LMML	HLLT		AFTN	2.4k	I	
LMML	LEEE		AMHS	512K	P	(09/09/2021 00:00)
LMML	LGGG		AFTN		I	
LMML	LGGG		AMHS	10M	I	
LMML	LIII		AMHS		P	(09/09/2021 00:00)
LMML	LIII		AFTN	2x1.2k	I	

## Moldova (the Republic of)

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LUKK	LRBB	Network	AMHS	2M	I	
LUKK	UKKK	Multiplexer	AMHS	128k	I	

## Monaco

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LNMC	LFLF		AFTN	50	I	

## Netherlands

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EHAM	EBBB		AMHS	155M	I	
EHAM	EDDD	Network	AMHS	155M	I	
EHAM	ECCC		AMHS		I	
EHAM	EUCH		AMHS	1M	I	ANSP OPS MSG VPN
EHAM	EKCH	Network	AMHS	5M	I	
EHAM	EUCB	Network	AMHS	1M	I	
EHAM	LPPT		AMHS		I	

## Norway

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
ENHB	BICC		AMHS		P	(26/04/2018 00:00)IOT planned at 19th of march 2018 and POT planned at 22nd of march 2018 - Then a stability period before OPS
ENHB	EFHK		AMHS		I	Operational by bilateral agreement since 4th of March 2018
ENHB	ECCC		AMHS		I	
ENHB	EKCH		AMHS	5M	I	
ENHB	EUCH		AMHS		I	
ENHB	ESSS		AMHS		I	Operational from AIRAC 29th March 2018.
ENHB	EUCB		AMHS		I	

## Poland

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EPWW	EBBB	Network	AMHS	1M		
EPWW	EDDD	Network	AMHS	512k		
EPWW	EGGG		AMHS	64k		
EPWW	EKCH		AMHS	5M		
EPWW	EUCH		AMHS	1M		ANSP OPS MSG VPN
EPWW	EUCB		AMHS	1M		
EPWW	EVRR		AMHS			
EPWW	EYVC	Landline	AMHS			
EPWW	LDDD		AMHS			
EPWW	LEEE		AMHS	200k		
EPWW	LHBP	Network	AMHS			
EPWW	LIII		AMHS			
EPWW	LKKK		AMHS			
EPWW	LKKK		AMHS			
EPWW	LOOO	Network	AMHS	1M		
EPWW	LPPT	Network	AMHS	128k		
EPWW	LSSS	Network	AMHS			128k
EPWW	LTAC		AMHS			
EPWW	LZIB	Network	AMHS	64k		
EPWW	UKKK	Multiplexer	AMHS	128k		

## Portugal

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LPАЗ	GVAC		AFTN	2.4k	I	
LPАЗ	LPPT		AFTN	2.4k	I	
LPPT	CYAA		AMHS		I	
LPPT	EBBB		AMHS	512k	I	
LPPT	EDDD		AMHS		I	
LPPT	EGGG		AMHS		I	
LPPT	EHAM		AMHS		I	
LPPT	EKCH		AMHS	5M	I	
LPPT	EPWW	Network	AMHS	128k	I	
LPPT	EUCB		AMHS	1M	I	
LPPT	EUCH		AMHS	1M	I	ANSP OPS MSG VPN
LPPT	FNLU		AMHS		P	()
LPPT	FNLU		AFTN	9.6k	I	
LPPT	GMMM		AMHS		I	
LPPT	KATL		AMHS		I	Operational since June 2017
LPPT	LEEE		AMHS	200k	I	
LPPT	LFLF		AMHS		P	()
LPPT	LOOO		AMHS		I	
LPPT	LPАЗ		AFTN	2.4k	I	
LPPT	LSSS		AMHS		I	
LPPT	SBBR		AMHS	64k	P	()



## Republic of Azerbaijan

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UBBB	LTAC		AMHS			
UBBB	URRR	Multiplexer	AFTN	2M		

## Republic of Serbia

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LYYY	LBSF		AMHS	1792 kb's		
LYYY	LBSF		AFTN	1.8M		AFTN over TCP/IP
LYYY	LGGG		AMHS	64k		
LYYY	LHBP		AFTN	128k		AFTN over TCP/IP
LYYY	LOOO	Network	AMHS			
LYYY	LQQQ		AMHS	64k		Added by AMC Operator for OPER.212
LYYY	LRBB	Landline	AMHS	1792 kb/s		
LYYY	LWSK		AFTN	64K		AFTN over TCP/IP

## Romania

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LRBB	EUCB		AMHS			
LRBB	EUCH		AMHS			
LRBB	LBSF		AMHS	2M		
LRBB	LHBP		AMHS	9.6k		Connection amended by AMC for OPER.208
LRBB	LOOO		AMHS			2M
LRBB	LUKK	Network	AMHS	2M		
LRBB	LYYY	Landline	AMHS	1792 kb/s		
LRBB	LZIB	Network	AMHS			Primary Connection
LRBB	LZIB		AMHS			Alternate connection

## Russian Federation

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UHHH	UHHH		AMHS		I	
UHHH	ULLL		AMHS		I	
UHHH	UNNT		AMHS		I	
UHHH	UNNT		AFTN		I	
UHHH	URRR		AMHS		I	
UHHH	URRR		AFTN		I	
UHHH	UUUU		AMHS		I	
UHHH	ZBBB	Satellite	AFTN	2.4K	I	
UHHH	ZBBB		AMHS	64K	P	(30/11/2012 00:00)Router Implemented
UHHH	UHHH		AMHS		I	
UHHH	ULLL		AMHS		I	
UHHH	UNNT		AMHS		I	
UHHH	URRR		AMHS		I	
UHHH	UUUU		AMHS		I	
UHHH	ZMUB		AFTN	4.8k	I	
ULLL	EETN		AMHS	64k	I	
ULLL	EFHK		AMHS	64k	I	
ULLL	UDYZ		AMHS	64k	I	
ULLL	UHHH		AMHS		I	
ULLL	UHHH		AMHS		I	
ULLL	UMMM		AMHS		I	
ULLL	UNNT		AMHS		I	
ULLL	URRR		AMHS		I	
ULLL	URRR		AFTN		I	
ULLL	UUUU		AMHS		I	
UNNT	UACC		AFTN	1.2k	I	
UNNT	UHHH		AMHS		I	

UNNT	UH HH		AFTN			
UNNT	UIII		AMHS			
UNNT	ULLL		AMHS			
UNNT	URRR		AMHS			
UNNT	UUUU		AMHS			
UNNT	UUUU		AFTN			
URRR	UBBB	Multiplexer	AFTN	2M		
URRR	UDYZ		AFTN	64K		
URRR	UGGG		AFTN	100		
URRR	UH HH		AMHS			
URRR	UH HH		AFTN			
URRR	UIII		AMHS			
URRR	ULLL		AMHS			
URRR	ULLL		AFTN			
URRR	UNNT		AMHS			
URRR	UUUU		AMHS			
URRR	UUUU		AFTN			
UUUU	EDDD		AMHS	128k		
UUUU	EVRR		AMHS			
UUUU	LGGG		AMHS	2M		
UUUU	LHBP		AMHS			
UUUU	RJJJ	Landline	AFTN	64k		
UUUU	UAAA		AFTN	9.6k		
UUUU	UH HH		AMHS			
UUUU	UIII		AMHS			
UUUU	ULLL		AMHS			
UUUU	UMMM		AMHS			
UUUU	UNNT		AMHS			
UUUU	UNNT		AFTN			
UUUU	URRR		AMHS			
UUUU	URRR		AFTN			
UUUU	UTAA		AFTN	200		

## Slovak Republic

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LZIB	EPWW	Network	AMHS	64k		
LZIB	EUCB	Network	AMHS	1M		ANSP OPS MSG VPN
LZIB	EUCH	Network	AMHS	1M		ANSP OPS MSG VPN
LZIB	EVRR	Network	AMHS			
LZIB	LDDD	Network	AMHS			
LZIB	LEEE	Network	AMHS			
LZIB	LHBP	Network	AMHS			
LZIB	LKKK	Network	AMHS			Primary Connection
LZIB	LKKK	Network	AMHS			Alternate Connection
LZIB	LOOO	Network	AMHS			Primary Connection
LZIB	LOOO	Network	AMHS			Alternate Connection
LZIB	LRBB	Network	AMHS			Primary Connection
LZIB	LRBB		AMHS			Alternate connection
LZIB	LSSS	Network	AMHS			

## Slovenia

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LJJJ	EUCB		AMHS	1M		
LJJJ	EUCH		AMHS	1M		ANSP OPS MSG VPN
LJJJ	LIII		AMHS			
LJJJ	LOOO	Network	AMHS			

## Spain

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LEEE	EBBB		AMHS	512k	I	
LEEE	EDDD		AMHS	512k	I	
LEEE	EGGG		AMHS	200k	I	
LEEE	EKCH		AMHS	5M	I	
LEEE	EPWW		AMHS	200k	I	
LEEE	EUCH	Network	AMHS	1M	I	
LEEE	FAOR		AMHS		P	()
LEEE	FAOR		AFTN	4.8k	I	Via satellite
LEEE	GMMM		AMHS	64k	I	
LEEE	GOOO	Satellite	AFTN	9.6k	I	Via satellite
LEEE	GOOO		AMHS		P	()
LEEE	GVAC	Satellite	AFTN	1.2k	I	Via Satellite
LEEE	GVAC		AMHS		P	()
LEEE	LDDD		AMHS	200k	I	
LEEE	EUCB	Network	AMHS	1M	I	
LEEE	LFLF	Network	AMHS	200k	I	
LEEE	LGGG		AMHS	64k	I	
LEEE	LIII		AMHS	200k	I	
LEEE	LMML		AMHS	512K	P	(09/09/2021 00:00)
LEEE	LOOO		AMHS		I	
LEEE	LPPT		AMHS	200k	I	
LEEE	LSSS		AMHS	200k	I	
LEEE	LZIB	Network	AMHS		I	
LEEE	SAEZ	Network	AMHS	64K	P	()
LEEE	SBBR		AMHS	64k	I	
LEEE	SVCA		AFTN	1.2k	I	
LEEE	SVCA		AMHS	64k	P	()

## Sweden

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
ESSS	EETN		AMHS			
ESSS	EFHK		AMHS	64k		
ESSS	EGGG		AMHS			
ESSS	EKCH	Network	AMHS	5M		
ESSS	ENHB		AMHS			Operational from AIRAC 29th March 2018.
ESSS	EUCH		AMHS	1M		ANSP OPS MSG VPN
ESSS	EUCB		AMHS	1M		

## Switzerland

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LSSS	DTTC	Network	AMHS		P	( ) Waiting the SITA/AMHS Gateway Interconnexion in MID region
LSSS	EBBB		AMHS	2M	I	
LSSS	EDDD		AMHS		I	
LSSS	EGGG		AMHS		I	
LSSS	EKCH		AMHS	5M	I	
LSSS	EPWW	Network	AMHS		I	128k
LSSS	EUCB	Network	AMHS		I	
LSSS	EUCH	Network	AMHS		I	ANSP OPS MSG VPN
LSSS	LEEE		AMHS	200k	I	
LSSS	LFLF		AMHS		I	
LSSS	LIII		AMHS		I	
LSSS	LOOO	Network	AMHS		I	
LSSS	LPPT		AMHS		I	
LSSS	LZIB	Network	AMHS		I	
LSSS	SITA	Network	AMHS	64k	I	AMHS/SITA Type X Gateway connection

## Tajikistan

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UTDD	UAAA		AFTN	1.2k	I	



## Turkey

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LTAC	ECCC		AMHS		I	
LTAC	EPWW		AMHS		I	
LTAC	EUCB		AMHS		I	
LTAC	EUCH		AMHS	1M	I	ANSP OPS MSG VPN
LTAC	LBSF	Landline	AMHS		P	( )
LTAC	LGGG		AMHS	64k	I	
LTAC	LIII	Landline	AMHS		I	
LTAC	LOOO		AMHS		I	
LTAC	OBBI		AFTN	64k	I	
LTAC	OIII		AFTN	64k	I	
LTAC	OJAM		AMHS	2M	I	
LTAC	UBBB		AMHS		I	

## Turkmenistan

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UTAA	UAAA		AFTN	200	I	
UTAA	UTAV		AFTN	50	I	
UTAA	UUUU		AFTN	200	I	
UTAV	UTAA		AFTN	50	I	

## Ukraine

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UKKK	EPWW	Multiplexer	AMHS	128k	I	
UKKK	LHBP	Multiplexer	AMHS	128k	I	
UKKK	LUKK	Multiplexer	AMHS	128k	I	
UKKK	UMMM		AMHS	128k	P	(25/03/2021 00:00)
UKKK	UMMM		AFTN	9,6K	I	modified to 9,6K 29/03/2018

## United Kingdom

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
EGGG	BICC		AMHS			
EGGG	CYAA	Network	AMHS	128k		
EGGG	EBBB		AMHS			
EGGG	EDDD		AMHS	512k		
EGGG	EFHK		AMHS	64k		
EGGG	EUCH		AMHS	1M		ANSP OPS MSG VPN
EGGG	EHAM		AMHS			
EGGG	EIAA		AMHS			
EGGG	EKCH		AMHS	5M		
EGGG	ENHB		AMHS			
EGGG	EPWW		AMHS	64k		
EGGG	ESSS		AMHS			
EGGG	EUCB		AMHS	1M		
EGGG	EVRR		AMHS			
EGGG	KATL	Landline	AMHS	128k		
EGGG	LDDD		AMHS			Live connection introduced on the 27th November 2018
EGGG	LEEE		AMHS	200k		
EGGG	LFLF		AMHS			
EGGG	LLBG	Network	AMHS		P	( )
EGGG	LLBG		CIDIN	64k		info 081343 llbgfyx
EGGG	LOOO		AMHS			
EGGG	LPPT		AMHS			
EGGG	LSSS		AMHS			
EGGG	LTAC		AMHS			
EGGG	LXGB		AFTN	9.6k		
EGGG	WSSS	Landline	AMHS	64K		

## Uzbekistan

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
UTSS	UTTT		AFTN	50		
UTTT	OAKB		AFTN	50		
UTTT	UAAA		AFTN	2x100		
UTTT	UCFM		AFTN	50		
UTTT	UTSS		AFTN	50		
UTTT	VIDD		AFTN	50		

## the Republic of North Macedonia

Local International COM Centre	Remote International COM Centre	Type of Circuit	Type of Protocol	Bandwidth	Status of Implementation	Remarks
LWSK	LBSF		AFTN	64K		AFTN over TCP
LWSK	LGGG		AFTN	64k		upgraded from Async to AFTNoTCP/IP
LWSK	LYYY		AFTN	64K		AFTN over TCP/IP

**END OF REPORT**