GEN 3.4 Communication services

1 Responsible service

The authority responsible for the provision of telecommunication and navigation facility services in the Republic of Armenia is Civil Aviation Committee.

Post:
Inspector of CNS
Civil Aviation Committee
AC & ATM Department
Airport “Zvartnots” Yerevan-, 0042
Republic of Armenia
Tel:+374 60 43 4245
Email:gdca@gdca.am

Operational responsible bodies for communication services are: Closed Joint Stock Company “Armenian Air Traffic Services” (“ARMATS”) within Yerevan FIR, TMA at the airport “Zvartnots” and TMA at the airport “Shirak” ..

Post:
Director of “ARMATS”
Closed Joint Stock Company
Yerevan 0042, I.Gasparyan 33
Republic of Armenia
Tel:+37410 292900
AFS:UDDDYDYD

The service is provided in accordance with the provisions contained in the following ICAO documents:

- *Annex 10 — Aeronautical Telecommunications*
- *Doc 8400 — Procedures for Air Navigation Services — ICAO Abbreviations and Codes* (PANS-ABC)
- *Doc 8585 — Designators for Aircraft Operating Agencies, Aeronautical Authorities and Services*
- *Doc 7030 — Regional Supplementary Procedures*
- *Doc 7910 — Location Indicators*

2 Area of responsibility

Communication services are provided for the entire Yerevan FIR. Arrangements for such services on a continuing basis should be made with the Director of “ARMATS”.
The responsible service for the application of regulations, concerning the design, type and installations of aircraft radio stations as well as another aircraft equipment is the Airworthiness Department of CAC.

Post:
Airworthiness Department
Civil Aviation Committee
Airport “Zvartnots”
Yerevan 42
Republic of Armenia
Tel:+374 60 434222
Email:gdca@gdca.am

Responsibility for the day-to-day operation of these services is vested in Station Communication Officers located at each international aerodrome. Enquiries, suggestions or complaints regarding any telecom-munication service should be referred to the rele-vant Station Communication Officer or to the Director of “ARMATS” .

3 Types of service

3.1 Radio navigation services

The following types of radio aids to navigation are available:

- LF/MF non-directional beacon (NDB)
- VHF direction-finding station (VDF)
- Instrument landing system (ILS)
- VHF omnidirectional radio range (DVOR)
- Distance-measuring equipment (DME)

Note: In Armenia, there are no special navigation systems such as CONSOL, DECCA and LORAN .

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Selected radio broadcasting stations are included as additional navigational facilities. The information is limited to stations with a power of 10 kw or more. It should be noted that unserviceability of these stations will not be reported.

The co-ordinates listed refer to the transmitting antenna with exception of Direction Finding Stations, for which the co-ordinates of the receiving antenna are given.

According to the judgment of the direction-finding station, bearings are classified as follows:

- Class A — accurate within 2 degrees

Direction-finding stations have authority to refuse to give bearings or headings to steer, when conditions are unsatisfac-tory or when bearings do not fall within the calibrated limits of the station, stating the reason at the time of refusal.

3.2 Mobile/fixed service

3.2.1 Mobile service

The aeronautical stations maintain a continuous watch on their stated frequencies during the published hours of service unless otherwise notified.

An aircraft should normally communicate with the air-ground control radio station that exercises control in the area in which the aircraft is flying. Aircraft should maintain a continuous watch on the appropriate frequency of the control station and should not abandon watch, except in an emergency, without informing the control radio station.

VHF communication coverage (ACC and 121,5 MHz) see GEN 3.4-5

3.2.2 Fixed Services (AFS)

The Aerodromes are, connected to each other through private net, which is, maintained by ARMATS. Additionally the COM Centre, is provided with the following International connections:

- UDDD - URRR Rostov on Don 160 bps AFTN
- UDDD - UGGG Tbilisi 240 bps AFTN;
- UDDD - ULLL St. Petersburg 64kB AMHS.

Messages to be transmitted over the Aeronautical Fixed Services are accepted only if

a. They satisfy the requirements of Annex 10, Vol. II, chapter 4.4.1.1
b. They are prepared in the form specified in Annex 10
c. Messages entered by the AFTN origin station shall not exceed 2100 characters in length.

General aviation aircraft operating agency messages are only accepted for transmission to countries that have agreed to accept Class “B” traffic.

Aeronautical Fixed Circuits – National Circuits

CIVIL AVIATION COMMITTEE	
Comittee	UDDDZXZX
AIRLINES	
“ARMENIA AIRWAYS” CJSC	UDYAAMWX
“AIRCOMPANY ARMENIA” LLC	UDYANGTX
“FLYONE ARMENIA” LLC	UDYAFIEX
“SHIRAK AVIA” LLC	UDYASHSX
“ARMENIA HELICOPTER” LLC	UDYAKAVX
“HAYWAYS”	UDYAHYYX
“ARMENIAN AIRLINES”	UDYAAAGX
ARMATS	
COM	UDDDYFYX
ATS Planning Centre	UDDDZXZX
AIS / NOF	UDDDYNYX
Air Traffic Centre	UDDDZQZX
ACC	UDDDZRZX
ZVARTNOTS / TWR	UDYZZTZX
ZVARTNOTS / ARO	UDYZZPZX
ZVARTNOTS / MET Office	UDYZYMYX
SHIRAK / ARO	UDSGZPZX
SHIRAK / MET Office	UDSGYMYX

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CIVIL AIRPORTS	
ZVARTNOTS / Operation Centre	UDYZZXZX
EREBUNI / COM	UDYEYFYX
EREBUNI / TWR	UDYWZRZX
SHIRAK / COM	UDDWYWYX
MILITARY AUTHORITIES	
MIL	UDYWZRZX
AIR DEFENSE	UDDWYWYX

3.3 Broadcasting service

Sub-area meteorological broadcasts (ATIS radio-telegraphy broadcasts) are available for the use of aircraft in flight. Full details are given in subsection GEN 3.5.

3.4 Language used:

English language is used in radio-communication between aircraft and ATC units.
Exception: English or Russian language is used in radio-communication between General aviation or Military of the Collective Security Treaty Organization (CSTO) Member State's aircraft and ATS units.

3.5 Where detailed information can be obtained

Details of the various facilities available for the en-route traffic can be found in Part 2, ENR 4.

Details of the facilities available at the individual aerodromes can be found in the relevant sections of Part 3 (AD). In cases where a facility is serving both the en-route traffic and the aerodromes, details are given in the relevant sections of Part 2 (ENR) and Part 3 (AD).

4 Requirements and conditions

4.1 Aircraft operating within the area of responsibility ATC services of the Republic of Armenia shall maintain radio communication in accordance with the ICAO regulations on frequencies specified in the Part 2 (ENR 2.1).

4.2 The names of aerodromes and reporting points are transmitted by their geographical designators. In transmitting reporting points, marked with NDB`s, it is allowed to transmit the call signs of the NDB`s in place of the actual names of these reporting points. For reporting points not marked with radio aids the 5-letter name-codes are transmitted.

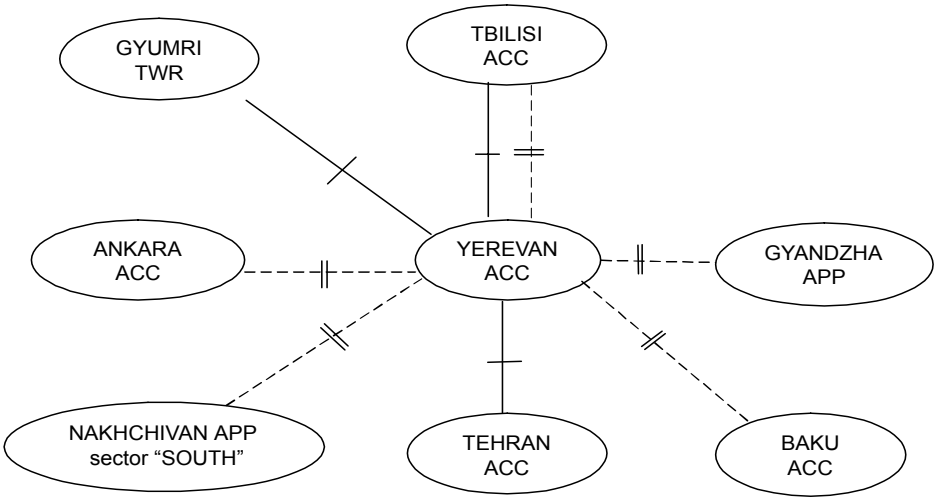
4.3 If the pilot is not able to establish radio contact on the primary frequency, he should try on the other frequencies published for that ATC unit.

4.4 Receiving the aircraft's request "REQUEST BEARING", radio communication facilities marked with VDF transmit a magnetic bearing to the VDF station (QDM).

4.5 Radio stations operating on the 121.5 MHz emergency channels may use any call signs assigned to radio stations of the appropriate ATC unit.

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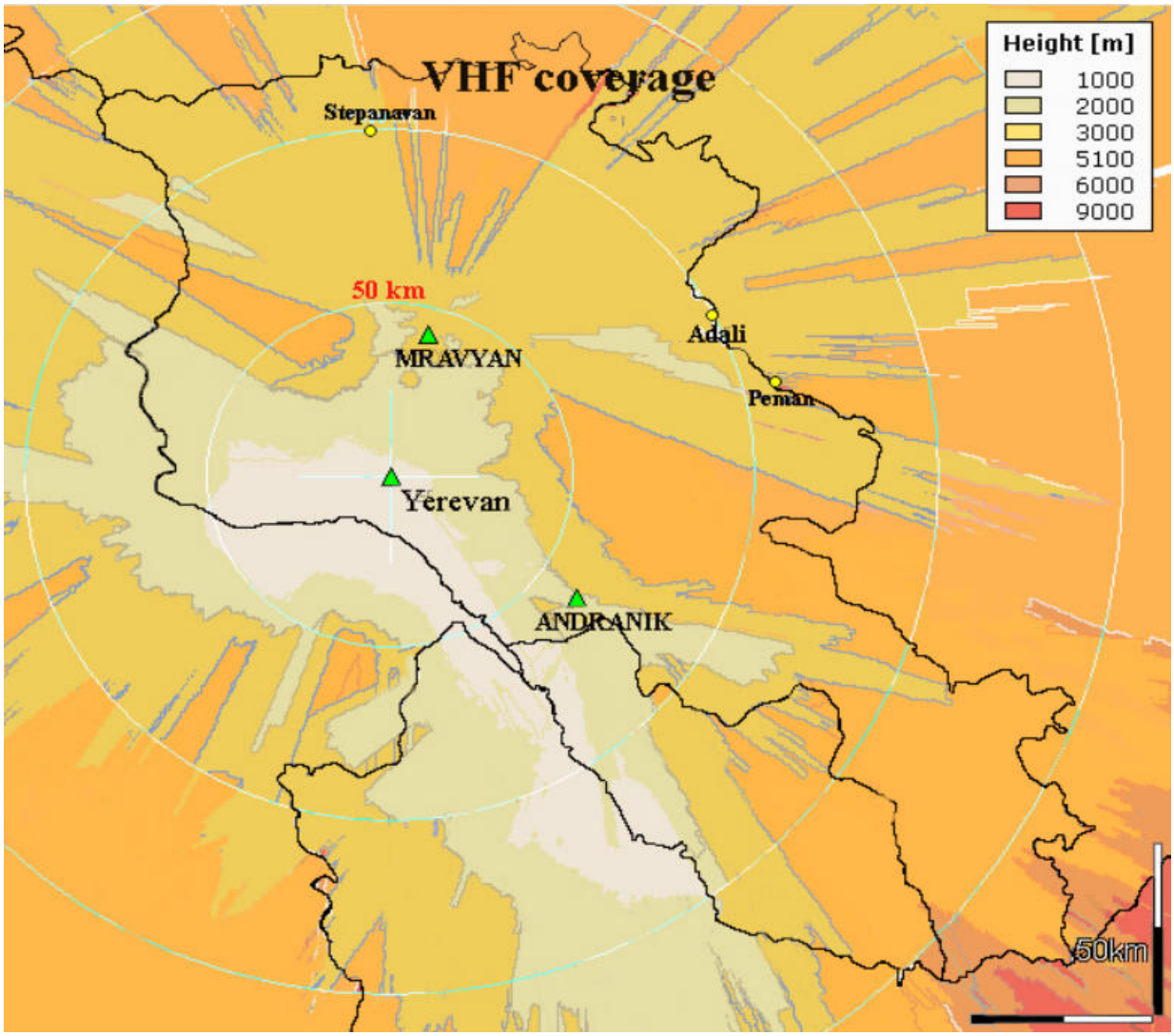
Aeronautical Fixed services: Telephone



LEGEND	
Landline channel	———
Simplex channel	I
Duplex channel	II
Satellite channel	- - - - - - - - - - - - - - - - - - - -

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VHF coverage



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