

GEN 3.4 COMMUNICATION AND NAVIGATION SERVICES

1 RESPONSIBLE SERVICE

1.1 The responsible service for the provision of telecommunication and navigation facility services in State of Qatar, is the Qatar Civil Aviation Authority.

Post: President
Civil Aviation Authority
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STATE OF QATAR

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AFS OTBDYAYX, OTHHYAYX, OTHHYFYX

SITA DOHXYYF, DOHXZYF

1.2 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

2.1 Communication services are provided for the entire Doha FIR. Arrangements for such services on a continuing basis should be made with the Head of Communication Section, who is also responsible for the application of the regulations concerning the design, type and installations of aircraft radio stations. Responsibility for the day-to-day operation of these services is vested in Station Communication Officers located at each international aerodrome. Inquiries, suggestions or complaints regarding any telecommunication service should be referred to the relevant Station Communication Officer or to the Head of Communication Section, as appropriate.

3 TYPES OF SERVICE

3.1 RADIO NAVIGATION SERVICES

3.1.1 The following types of radio aids to navigation are available:

- Instrument Landing System (ILS)
- Doppler VHF Omni-directional Radio Range (DVOR)
- Distance Measuring Equipment (DME)
- Mono-pulse Secondary Surveillance Radar (MSSR)
- Non-directional beacon (NDB)

3.2 VOICE/DATA LINK SERVICES

3.2.1 VOICE SERVICES

3.2.1.1 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 airground 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.

3.2.2 DATA LINK SERVICE

3.2.2.1 The messages to be transmitted over the Aeronautical Fixed Service (AFS) are accepted only if:

- a) they satisfy the requirements of ICAO Annex 10, Vol. II, Chapter 3, 3.3;
- b) they are prepared in the form specified in ICAO Annex 10;
- c) the text of an individual message does not exceed 1800 characters.

3.2.2.2 Following data link services are available for Hamad International Airport.

1. Service Designation: ATIS DEP
Call sign: HAMAD DEPARTURE INFORMATION
Login address: DOHATYA
Hours of operation: H24
2. Service Designation: ATIS ARR
Call sign: HAMAD ARRIVAL INFORMATION
Login address: DOHATYA
Hours of operation: H24
3. Service Designation: CPDLC
Login address: DOHFAYA
4. Service Designation: DCL
Login address: DOHDCYA

3.2.2.3 Following data link services are available for Doha International Airport.

1. Service Designation: D-ATIS
Call sign: DOHA TERMINAL INFORMATION
Frequency: 126.450 MHz
Login address: DOHAAYA
Hours of operation: H24
Remarks: Data Link Service available. ATIS broadcast can also be obtained via Hotline: +974 4465 6213
2. Service Designation: DCL
Call sign: N/A
Frequency: N/A
Login address: DOHCAYA
Hours of operation: H24
Remarks: Data Link Service for departure clearance

3.3 BROADCASTING SERVICE

3.3.1 Following broadcasting services are available.

3.3.1.1 VHF Automatic Terminal Information Service (ATIS)

- 1 Station Name - HAMAD INTL
Call sign - HAMAD DEPARTURE INFORMATION
Frequency - 126.850 MHz
Remarks: Data Link Service available. ATIS broadcast can also be obtained via Hotline: +974 4470 5312
- 2 Station Name - HAMAD INTL
Call sign - HAMAD ARRIVAL INFORMATION
Frequency - 126.825 MHz
Remarks: Data Link service available. ATIS broadcast can also be obtained via hotline: +974 4470 5310
- 3 Station Name - DOHA INTL
Call sign - DOHA TERMINAL INFORMATION
Frequency - 126.450 MHz
Remarks - This service is also available H24 via Hotline: +974 4465 6213

3.4 LANGUAGE USED:

English.

3.5 WHERE DETAILED INFORMATION CAN BE OBTAINED

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

3.5.2 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 The requirements of the Communication Services and the general conditions under which the communication services are available for international use, as well as the requirements for the carriage of radio equipment, are contained in the Air Navigation (Radio) Regulations of QCAR Part 10, of the State of Qatar.

5 MISCELLANEOUS

5.1 AERONAUTICAL FIXED SERVICE – INTERNATIONAL CIRCUITS

Station Name and Location Indicator	Correspondent AFTN Addressees	Type of Channel	Type of Traffic	Hours of Operation	Remarks
1	2	3	4	5	6
Bahrain / OBBI	OBBIYFYX	LAN	AMHS	H24	NIL
Kuwait / OKKK	OKKKYFYX	LAN	AMHS	H24	NIL
Abu Dhabi / OMAE	OMAEYFYX	LAN	AMHS	H24	NIL
Oman / OOMS	OOMSIFYX	LAN	AMHS	H24	NIL
Iran / OIII	OIIIFYX	LAN	AFTN	H24	NIL
Saudi / OEJN	OEJNYFYX	LAN	AMHS	H24	NIL
Cyprus / LCNC	LCNCIFYX	LAN	AMHS	H24	NIL

5.2 AERONAUTICAL FIXED SERVICE – DOMESTIC CIRCUITS

Station Name	Correspondent AFTN Addressees	Type of Channel	Type of Traffic	Hours of Operation	Remarks
1	2	3	4	5	6
Tower	OTBDZTZ OTHHZTZ	LAN	AFTN	H24	NIL
APP	OTBDZRZ	LAN	AFTN	H24	NIL
IFPS	OTDFIFPS	LAN	AFTN	H24	Refer to Qatar AIP ENR 1.11
AOC / QEAF	OTBDYWYX	LAN	AFTN	H24	NIL
MET	OTHHYMYX	LAN	AFTN	H24	NIL
Remote MET	OTHHYMYX	LAN	AFTN	H24	NIL
AIS	OTBDYOYX OTHHYOYX	LAN	AFTN	H24	NIL
NOF	OTNOYNYX	LAN	AFTN	H24	NIL
FDPS	OTBDFDPS	LAN	AFTN	H24	NIL
ATIS	OTBDATIS OTHHATIS	LAN	AFTN	H24	Hotline: +974 4465 6213 Hamad Departure: +974 4470 5312 Hamad Arrival: +974 4470 5310
QCAA	OTBDYAYX OTHHYAYX	LAN	AFTN	H24	NIL
COM	OTBDIFYX OTHHIFYX	LAN	AFTN	H24	TEL: +974 4470 5080 / +974 4470 5081 FAX: +974 4470 5275 E-mail: doha.comm@caa.gov.qa
Head of COM	OTHHITYX	LAN	AFTN	H24	TEL: +974 4462 2510
SITA	DOHXYFY DOHXZYF	LAN	SITA	H24	NIL

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