

**FLIGHT INFORMATION SERVICES FOR SOMALIA (FISS)**  
AERONAUTICAL INFORMATION SERVICES  
P.O. BOX 46294, 00100  
NAIROBI, KENYA

TEL/FAX: 254-20-7622775  
AFS: HCMMYNYX  
Email:ais@icao.unon.org  
<http://www.icao.int/ESAF/FISS>

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The following circular is promulgated by the Flight Information Services for Somalia (FISS) for information, guidance and necessary action.

**Valentina Kayombo**  
**Project Coordinator**

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**NOTIFICATION OF THE PLANNED DEPLOYMENT OF AIR TRAFFIC MANAGEMENT (ATM) FACILITIES, SYSTEMS AND ADDITIONAL SERVICES IN MOGADISHU FLIGHT INFORMATION REGION (FIR)**

The following information is notified to air operators for information and planning purposes.

The Flight Information Services for Somalia (FISS) is in the process of deploying ATM infrastructure in Somalia and establishing additional services to facilitate effective air traffic control in order to achieve a safe and secure airspace for the entire Mogadishu FIR. The ATM facilities, systems and services are being deployed as part of a comprehensive infrastructure and service delivery plan, scheduled to be implemented in phases as follows;

**Phase 1- July to December 2017**

Phase 1 deployment plan entails civil works, acquisition, installation and commissioning of communication (voice & data) and surveillance systems including additional services in Mogadishu Aden Adde International Airport comprising;

1. Automatic Dependent Surveillance system (ADS-C) and Controller pilot data link (CPDLC) to facilitate provision of flight information service using aircraft information provided by means of automatic dependent surveillance to FANS1/A equipped aircraft operating in Mogadishu FIR.
2. Four modern High Frequency (HF) radio stations to enhance ground to Air and Air to Ground communication for aircraft not equipped with FANS1/A
3. VHF Radio to enhance Air Ground and Ground to Air FIC communication
4. NAFISAT Terminal to facilitate ground to ground communication
5. AMHS to facilitate implementation of aeronautical fixed service communication center for Mogadishu FIR linked to local and regional AFS terminals.
6. MET equipment to facilitate automated meteorological services
7. Flight data processing systems to automate ANS functions i.e AIM, ATC, CNS, COMs and MET.
8. Relocation of Mogadishu Flight Information Centre (FIC) and other supporting services from Nairobi to Mogadishu Aden Adde International Airport.
9. VHF Radio stations at Hargeisa, Bosaso and Mogadishu towers to facilitate aerodrome control.

**Phase 2-Oct 2017 to May 2018**

Phase 2 entails civil works, acquisition, installation and commissioning of communication and surveillance systems comprising:

1. VHF Radio stations with extended coverage to facilitate air to ground and ground to air communication over the continental parts of the airspace and the oceanic airspace covered by the VHF range effectively enabling the establishment of Area Control center.
2. Automatic Dependent Surveillance system (ADS-B) in Hargeisa, Bosaso and Mogadishu to enable implementation of ATS Surveillance
3. Establishment of Area Control Centre over the Mogadishu FIR controlled airspace.
4. Establishment of a VSAT domestic network for connectivity of Hargeisa and Bosaso remote towers to the Area Control Centre
5. New tower equipment including VCCS, AMHS, for Mogadishu, Hargeisa and Bosaso
6. Construction of a control tower and site compound in Baidoa

### **Phase 3- June 2017 to Dec 2018**

Phase 2 entails acquisition, installation and commissioning of communication and surveillance systems comprising:

1. VHF Radio stations at Berbera, Galcayo , Kismayo, Garowe and Baidoa to facilitate aerodrome control
2. Automatic Dependent Surveillance system (ADS-B) at Berbera, Galcayo , Kismayo , Garowe and Baidoa Airports to enhance ATS Surveillance
3. Establishment of a Contingency Area Control Centre over the Mogadishu FIR controlled airspace
4. Extension of the domestic VSAT network to Berbera, Galcayo , Kismayo , Garowe and Baidoa Airports

Effective operational dates including detailed information, terms and conditions of availability and procedures applicable for each system/service shall be notified through an AIP Supplement and or NOTAM as applicable.