INTERNATIONAL CIVIL AVIATION ORGANIZATION
WESTERN AND CENTRAL AFRICA OFFICE

Twenty-third Meeting of the AFI Satellite Network Management Committee
(SNMC/23)
(Accra, Ghana, 15-19 February 2016)

NAMA COMMISSIONED ADS-C/CPDLC

ADS-C/CPDLC TO ATC/ATM

- CPDLC implementation facilitate automatic/silent handovers of air traffic between air traffic services units, in order to reduce traffic coordination failures and accordingly improve air safety.

- To compliment voice communication by VHF radios at the Oceanic area in the south and the long stretch of desert area in the north, NAMA has deployed CPDLC/ADS-C facility in Lagos and Kano Area Control Centers.

ADS-C/CPDLC WORK STATION IN LAGOS CENTER

ADS-C/CPDLC WORK STATION IN KANO CENTER

- The system was installed by SITA Information Network Computing B.V, France
- A large number of Aircraft flying the Nigerian Airspace are equipped with FANS thereby supporting the use of ADS-C/CPDLC.
- The two ADS-C/CPDLC Work stations in Lagos and Kano centers operate independently but transfer of control between the two centers can be effected.
- Aircraft will log on to Lagos center using the ICAO identifier DNLL.
- Aircraft will log on to Kano center using the ICAO identifier DNKK
- 12 Engineers and 12 ATCOs were trained at SITA factory in France.
- The system was completed and commissioned in November, 2015

ACTION BY THE MEETING

The meeting is invited

- To take note of the information in this paper
- Include NAMA in the list of ANSPs that have implemented ADS-C/CPDLC in the region.

Thank you for Listening