

PROFILE

A professionally experienced and registered Engineer with vast expertise in high frequency radio and satellite communications with diverse knowledge in Spectrum Management, Spectrum Monitoring, Computer Networking, Cost estimate evaluation, Project Management and Monitoring. Participated in a number of ITU conferences such as WRC03, WRC07, WTSA12, ITU Telecom world 2011 and also participated in a number ITU Study Groups (SG) meetings in the last 13 years.

PERSONAL DATA

Surname:	Wakil
First Name:	Bako
Nationality:	Nigerian.
Date of Birth:	12 th April, 1963.
Marital Status:	Married with children.
E-mail Address	wakil@ncc.gov.ng
Telephone:	(+234)8037870320
Contact Address:	Nigerian Communication Commission, Technical Standard Department Plot 432 Aguyi Ironsi Street, Maitama .Abuja.

ACADEMIC QUALIFICATIONS

- | | | |
|-------|--|-------------|
| (i) | M.Sc Information System Engineering, South Bank University,
London. | 1997 |
| (ii) | B. Eng. (Electrical/Electronics), University of Maiduguri | 1989 |
| (iii) | West African Examination Council | 1983 |
| (iv) | Primary School Certificate | 1976 |

PROFESSIONAL QUALIFICATIONS

- | | |
|-------|---|
| (i) | Microsoft Certified Professional (MCP) |
| (ii) | Member Nigerian Society of Engineers (MNSE) |
| (iii) | Member Institute of Incorporated Engineers (MIIE) |
| (iv) | COREN Registered |

FURTHER TRAINING.

- ◆ Telecommunications Network Engineering – UKTA (London)
- ◆ Satellite Communications System – Heaton Training (London)
- ◆ Spectrum Management in Civil sector – USTTI (Washington)
- ◆ Spectrum Monitoring & Measurement – USTTI (Columbia/USA)
- ◆ Project Management – ILI (Washington DC)
- ◆ IMT (3G/4G) Mobile Broadband and Mobile TV – San Diego (USA)
- ◆ RF Design, Planning and Deployment – DBI
- ◆ GSM Design, planning and Deployment – DBI
- ◆ Project Management in Telecom & IT - DBI
- ◆ Microsoft Certified System Engineer – NIIT
- ◆ Satellite Subsystem and Antenna design - TTI
- ◆ Certificate in Windows NT (Ameritech UK).
- ◆ Certificate in Computer Assembly and Upgrading, Ameritech, UK
- ◆ Basic course in word processing, Data Base and Microsoft Excel.
- ◆ Technical seminars and workshops, ITU, Immarsat, ARCSTEE,etc

WORKING EXPERIENCE:

Nigerian Communications Commission (NCC)

Deputy Director Technical Standard

Jan 2015 to date

- Head Wireless Network
- Equipment Type Approval
- Telecom Health and Safety
- Standard for Telecom masts and towers

Assistant Director Technical Standard

2011 –2014

- Head Wireless Network
- Equipment Type Approval
- Telecom Health and Safety
- Standard for Telecom masts and towers

Universal Service Provision Fund (USPF)

Head – Information Technology Projects

2010 to 2011

- Project manager for ICT Projects

Nigerian Communications Commission (NCC)

Principal Manager (Engineering)

2008 to 2010

- Project Manager, Emergency Communications Project.
The project is for the construction and installation of Emergency Communication Centres in the 36 States and the Federal Capital of Nigeria.

A. Ministry of Information & Communication

Special Assistant (SA) to the Hon. Minister

2007 to 2008

- Preparation of brief for the Minister
- Speech writing.
- Telecom policy formulation.
- Advising the Minister on Telecom Matters
- Represent the Minister at events.

B. Nigerian Communications Commission (NCC)

Senior Manager (Engineering)

2005 to 2007

- Spectrum Monitoring
- Analysis and Evaluations of monitoring results
- Administration of Spectrum monitoring System.
- Spectrum Management.
- Spectrum Planning and ITU coordination.

C. Directorate of Technical Cooperation in Africa (DTCA)

Assistant Director

2003 to 2005

- ♦ Research, Monitoring and Information Services.
- ♦ Programme Management.
- ♦ Project Coordinator.

D. National Space Research and Development Agency (NASRDA)

Chief Engineer

2001 – 2003

- ♦ Team Leader Centre for Satellite Technology Development.
- ♦ Antenna and Satellite subsystem Design
- ♦ Project Management
- ♦ Member Ministerial Advisory Committee on Frequency Management

E. Ministry of Foreign Affairs (MFA), Overseas Communication Department.

Principal Engineer

1999-2001

- ◆ Design, proposal for V-sat and HF radio Communication Network options to link MFA Headquarters and 100 Nigerian missions abroad.
- ◆ Design and Costing of Local Area Network for MFA Headquarters, Abuja.
- ◆ Preparation and Evaluation of Tender documents for the digital HF radio Communication project at MFA.

Regional Engineer (Europe)/Head of Communication at the Nigeria High Commission in London

1994-1998

- ◆ Head of London Communications Unit.
- ◆ Repair and maintenance of Diplomatic Communication Equipment in all the Nigerian Missions in Europe
- ◆ Planning, Design and Costing of Local Area Network for Nigeria High Commission, London.
- ◆ Proposal/planning and supervision of installation of fibre optic (ISDN) cables at the Nigeria High Commission, London.
- ◆ Proposal/ and supervision of installation of 150-Extensions digital PABX with voice mail at the Chancery.
- ◆ Installation of 10-base T structured cabling and hubs for Computer Networking.

Engineer 1, Overseas Communication Unit (MFA)

1992-1994

- ◆ Engineer Lagos Transmission Station.
- ◆ Repairs and maintenance of Radio-link Communication equipment at MFA Communication centre in Lagos.
- ◆ Repair and maintenance of Diplomatic Communication equipment at Nigerian missions in Harare, Maputo, Gaborone, Kinshasa, Brazzaville and Rabat.

Engineer II, Overseas Communication Unit (MFA)

1991-1992

- ◆ Repair and maintenance of 1kw, 5/10kw short-wave radio transmitters for telegraphic Communication.
- ◆ Repair and maintenance of short-wave receivers, Log periodic antennae, Electronic Cipher machines and micro-wave link equipment.
- ◆ Maintenance of Microwave Communication Equipment.
- ◆ General supervision of Communication operators.

- | | | |
|----|---|----------------|
| F. | <u>National Youth Service Corps (NYSC)</u> | 1989/90 |
| ♦ | Electronics and Communication instructor at Nigerian Army School of Signals, Apapa-Lagos. | |
| G. | <u>Trainee Engineer</u> | 1988 |
| ♦ | Nigerian Telecommunications Limited (NITEL), Maiduguri. | |
| H. | <u>Trainee Engineer</u> | 1987 |
| ♦ | Borno State Rural Electrification Board (REB), Maiduguri. | |
| I. | <u>Pupil Teacher</u> | 1976-78 |
| ♦ | Dongo Primary School, Kaga Local Gov't. | |

Referees:

1. Dr. Bashir Gwandu
Executive Commissioner (Technical Standard)
Nigerian Communications Commission
Plot 432 Aguyi Ironsi Street, Maitama,
Abuja.
Email: bashirgwandu@yahoo.co.uk
2. Dr. B. M. Sani
Director (Technical Standard)
Nigerian Communications Commission
Plot 432 Aguyi Ironsi Street, Maitama
Abuja.
3. Mr. Usman Sarki
Director Office of the Permanent Secretary
Ministry of Foreign Affairs
Central Business District
Abuja.