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Started as production engineer in service provider company and changed the field to MCR area, proud to work in big companies (AD Media and Sky News Arabia). looking forward to continue going up in my field with More successes looking for new challenges.

Personal Information

Date & Place of Birth : 20-08-1982 -Sharjah - U.A.E

Marital status : Married

Education :

B.Sc. in Electronics & Communications' Engineering, Faculty of Engineering, Cairo University, 2005.

Language Skills :

Arabic : Native or Bilingual Proficiency

English : Professional Working Proficiency

● Sky News Arabia from Feb 2012

Working as NOC Supervisor in NOC (News Operation Center), My responsibility is divided to many Parts:

- 1- Daily work by Managing the News Bulletin with NOC Team.
- 2- New Technologies and systems installation.
- 3- Management responsibilities: yearly appraisal, Skill Matrix and managing NOC Team Rota.
- 4- Planning for future coverage and projects.
- 5- Outside coverage and technical deployment

1- Daily work by Managing the News Bulletin with NOC Team

- a. Every day the world has new things to be covered by media, so we are in Sky News Arabia working in dynamic Rota to be ready for daily coverage and unexpected Breaking News.
- b. Studying the daily coverage planning, doing early tests with the Bureaus, providers and our outside team to be ready during the Booking time.
- c. Working as NOC Engineer to fill any shortage and gaps, to ensure the Best Quality control.
- d. End of the Shift I prepare report telling the higher management what difficulty we faced during the day to avoid them next day.
- e. Weekly in the operation meeting, studying the Week issues and find solutions for the pending Problem.
- f. Using ScheduALL to receive the News desk, sports, Business and program Producers ingest and live Booking Requests.
- g. Monitoring Sky News Arabia Contribution and distribution lines and satellite slots.
- h. Booking exchanges between sky news Arabia and many TV (Sky UK, Abu Dhabi TV, Dubai TV, Egyptian TV.....etc.)
- i. Controlling the Bureaus Transmission System (Uplink and streaming devices).
- j. Doing Uplink from SNA Earth station to provide many TVs with Guest Live or feed Material.
- k. Controlling the MPLS Traffic.
- l. First support line for the field team.
- m. Fast report to support about any technical issue need higher level.
- n. Covering the shortage of other departments during their off times (Satellite desk, library and production engineer)

2- Technologies and systems installation.

Since May 2012 I got training and I did self-study for all existing devices in NOC and for the new devices as well.

- a. Satellite uplink and downlink Systems (Antenna tuning, encoder & Modulator configuration, RF Router, IRD and physical connection)
- b. Streaming technologies (Dejero, TVU, Live U, ZAOS, Aviwest, Quick link Video over IP Solution)
- c. Miranda router
- d. Phone Box, the application controlling the audio router using it for IFB Solution.
- e. XVP-3901 Densité Up/Down/Cross conversion: 3G/HD/SD Up/Down/Cross converter
- f. EVS operation application, IP Director and clean edit
- g. Bureaus MPLS Encoders and decoders.
- h. Spectrum Analyzer
- i. Multi viewer system.
- j. FTP Server
- k. Scan converter
- l. Stander converter

3- Management responsibilities: yearly appraisal, Skill Matrix and managing NOC Team Rota

I am part of the evaluation system decision maker for NOC Engineers by doing skill matrix monthly to check the weak point in my team and start to work on it.

Yearly appraisal with HR and higher Management.

Managing the NOC Rota to be flexible depend on the daily work load to make our output smooth with high Quality.

4- Planning for future coverage and projects.

Working with planning team to prepare the technical requirement and needed equipment for the future coverage.

5- Outside coverage and technical deployment

- a. Coverage AL Hajj Season 2019 as Uplink Engineer
- b. Local coverage in UAE as Uplink Engineer.
- c. Kuwait Bureau installation.

● **Abu Dhabi TV** from Nov 2008 to Feb 2012

Working as MCR and production Engineer. working in Harris system in TX department, responsible to receive all feeds and live lines for AD TV.

AD TV is 16 TV channels (sports, general, drama, local)

For sport I was one of the team covering the local sport league, EPL and many sport events.

Working as uplink engineer for many local events.

- a. Working in a multi-standard environment; HD/SD-SDI, NTSC/PAL, Aspect Ratios 16:9/4:3.
- b. Working extensively with sports feeds, so familiar with different sports feed formats/requirements such as: encryption modes, audio shuffling, ARC, standards' conversion, up/down/cross conversion and frame synchronization.
- c. To coordinate the reception of feeds/live events received via Satellite, fiber optic, Microwave and MENOS. Tasks carried out include:
 - i) make sure video and audio quality standards are met
 - ii) make sure that the video and audio formats are delivered in the required in-house formats. In the case of satellite, a good signal level is maintained and any issues related to loss of signal or drop of signal level are adjusted. Finally, the incoming material is recorded by coordinating with feed record in the Ingest room and the Library.
- d. To use the MCR equipment in an efficient and professional manner, and to be aware of all the options and capabilities of the equipment. MCR equipment encompasses:
 - i) IRD's from different vendors, different models, and different receiving and decoding options i.e. (Tandberg RX 1290, Tandberg TT1260 and Ericsson 8200)
 - ii) Leitch X75/X85 video processors
 - iii) Harris SDI video router i.e. (Platinum router with NUCLEUS Control Panel)
 - iv) Spectrum Analyzer i.e. (HP, TV explorer, rohde & schwarz and IRF spectrum analyzer)
 - v) Transport Stream Analyzer i.e. (Tandberg TT4130)
 - vi) Aspect Ratio Convertor Cards
 - vii) Standards' Conversion Cards i.e. (Cortex Axon card)

- viii) Up/Down/Cross Conversion cards
- ix) MENOS System
- x) Invenio and avid software servers recording system (operation mode).
- xi) RF router (ETL System)
- xii) talk back system.
- xiii) Waveform analysis

e. To monitor the off-air TV channels, i.e. the downlink, mainly on Badr & Nilesat, and resolve any issues such as picture freeze, picture black, loss of signal, audio distortion, audio loss, or mono audio. (AD TV Channels are also telecast on Hotbird, Eurobird 1, Asiasat 5, NSS 7, Optus D2, Hispasat 1C and Galaxy 19). Currently, ADMC telecasts 19 TV channels, 8 SD and 11 HD channels.

f. MENOS stands for Media Exchange Network Over Satellite. MENOS offers exchange of video and VOIP over Satellite. Live events or recorded material can be received and sent to a group of TV members affiliated with the ASBU/MENOS Network.

g. To coordinate any uplink transmission with the necessary Earth Stations, such as Ras Al Khaima, Towi Al Saman, Jabil Ali or Samacom Earth stations for the uplink of studio or tape feed.

h. Coordination with Play out for any live events, including news, sports, and studio. Information required: i) which channel(s) will telecast this event? ii) Which video format (SD/HD) and audio formats will be used? iii) Which commentary booth will be used (if applicable), iv) A test is done to verify that the commentary booth before the live event is fine, and v) In the case of live studios, a lip sync test is done for the guests in the studio.

i. To exchange material (feed and live events) with other TV Stations in Dubai and Sharjah via the vast web of fiber network existing between ADMC, the Earth Stations (mentioned in g.) and the TV stations in Dubai Media City and Sharjah TV. News and live events are also exchanged with the local Emirates News Agency – WAM via fiber.

j. In the case of SNG problems, MCR Engineer will assist the SNG Engineer/Technician in solving any problems related to reception of the signal, such as antenna alignment, cross-pole, and low signal level.

k. Covering many events in Emirates by SNG as SNG Engineer.

- l. Install all receiving dish antennas and make maintenance for it.
- m. Organize and coordinate all day booking with booking center.
- n. Recording all material on servers i.e. (invenio and avid system).

● **Cairo News Company** from Dec 2005 to Nov 2008

Working as Uplink engineer for many channels as service provider, did big coverage for many events from different countries.

Principal Duties – MCR:

- a. Transmitting and receiving satellite signals over a variety Satellites (Eutelsat W2A, W2, W3A, W5, W6, Arabsat 5A, Eurobird2, Nilesat, Atlantic Bird 4, Intelsat 1W) with different frequency bands (C-, Ku- & Ka-Band) for transmitting lives from different locations either by fiber optics or by ordinary cables.
- b. One transmission or mux transmission and two or three uplink station management in the same time.
- c. Studio installation, studio management, video sync and audio distribution.

EGYPT

In Office

- a. Worked in CNC MCR in transmitting system (SNG) and receiving system
(Feed receiving and recording tapes).
- b. Working for Italian TV (Rai TV) Cairo office.
- c. Worked in booking center, sat disk and production field.
- d. Preparing the stand alone camera studio.
- e. Set up the receiving system from the dish and LNB to receiver programming.
- f. Sending & Receiving material by FTP server.
- g. Studio organizing for Al Iraqia channel, JSC channel, Al-Arabiya and APTN ALHURRA channel.

Outside of Office

- h. Covered Dahab explosions for APTN.
- i. Covered the most of Egyptian president meeting in Sharm El-Sheikh, Luxor, Aswan and Cairo for APTN, Al Jazeera International, Aljazeera news and Abu Dhabi TV.
- j. Covering the most of the Egyptian tournament matches for Orbit sport channel.
- k. Covering El Ahly Festival vs Barcelona for Dubai sport channel
- l. Covering of amendment of Egyptian constitution for Al Jazeera International channel
- m. Covering of The International compact with Iraq and The Ministerial Conference of the neighboring countries of Iraq and Egypt and the permanent members of UN security council and the G-B for JSC International channel
- n. Covering the 4th National Democratic Party conference Sep 2006 for Egyptian TV
- o. Covering Global Summit of Women
- p. Covering the Egyptian Shura Election for Aljazeera International channel from several places in Cairo
- q. Covering the Mubarak, Olmeret, King Abd Allah and Abo Mazen meeting in Sharm El-Sheikh 25/6/2007 by 3 SNG for JSC international channel, JSC news and APTN
- r. Covering the Saudi king and Mubarak meeting in Sharm El-Sheikh for JSC international channel 26/6/2007
- s. Covering the Arabian league in Egypt for Al-kass channel, Dubai sport and JSC sport
- t. Covering Nicolas Sarkozy visiting to Luxor and Sharm El-Sheikh for F2, TF1 and France 24
- u. Covering the Christmas day from Alkatedraeya in Egypt for Orbit channel for (Cairo today 'Amr Adeb')
- v. Covering the problems between Palestinian and Israeli in Rafeh for Al Jazeera channel
- w. Covering the most Arabian league conferences and meetings for several channels

Outside of Egypt

Sudan March 2006

Covered Arabian summit 2006 in Khartoum for APTN, LBC and Abu Dhabi channel.

Kuwait June 2006

Covered the Kuwaiti election for AL Jazeera news channel.

Lebanon July 2006

Covered a Lebanon war with American TVs.

- a. Working with ABC news 35 days in Lebanon war.
- b. Working with CBSTV 4 days in Lebanon war.
- c. Working with NBC news 3 days in Lebanon war.

Chad March 2008

Studio installation for making interview with Chad president for France 24 channel.

Kuwait May 2008

Covered the Kuwaiti election for Alrai TV.

- 2005 Training at:
 - 1- Telecom Egypt.
 - 2- Egyptian Radio & Television.
 - 3- National center of researches.
 - 4- Cairo News Company