

Personal

- Name : Hisham L.Swady
- Gender : male
- Birth Date : 30- Sept. - 1976
- Nationality : Iraqi
- Address : Iraq – Basra – Al-Abas Sq.
- Marital Status : Married
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Languages

	Read	Write	Speak
Arabic	----- Mother Tongue -----		
English	V.good	V.good	good

Education

- B.Sc.in Electrical Engineering in 1998.
 - M.Sc. in Electronic and Communication in 2001. Thesis Address "Study of Fading Phenomena in the Microwave Relay of Different Sites of South Oil Company".
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Superintendent Experience:

Worked as a designer and supervisor in Barsra engineering Consulting Bureau for two years.

worked in Azady Telecom Company for one year in the south project and the last job was technical manager.

worked in Basra University – college of engineering- electrical engineering department as teacher for four years.

Worked in shelter assembly and indoor installation for Al-Ather Company (MTC).

Worked in Itisaluna Company as a Team leader of the Technical team in Basrah city which supervised the Implementation stage of Itisaluna in the Southern region (Five cities: Basrah, Maysan, Thi-Qar, Muthana, and Qadissya) .

Worked in Itisaluna Company as a Team leader for the operation team in Basrah city which supervised of Itisaluna Network in the South region (Five cities: Basrah, Maysan, Thi-Qar, Muthana, and Qadissya) .

worked as a subcontractor for Huawei Company for one year in the south project.

worked as a subcontractor for Asia Cell Company for one year in the south project and Baghdad.

worked as a subcontractor for FIC Company in the SOC (South Oil Company) to install Alcatel MW links in Basrah.

Qualifications:

- I have a good experience in design and evaluation of radio relay links(I have two published papers in this field).
- I have a good experience in system performance for line of sight links.
- I have a transmission training course in Asia Cell Training center.
- I have a training course on the DMR 3000S and PASO+ in NEC training center Egypt office.
- Made the site acquisition report (SAR) , TSSR, and Line of sight report for more than 100 sites.
- Experience in tower assembly and erecting (roof top and green field).
- Installing power and grounding system.
- Installing the indoor equipments like BTS, Battery's, Rectifiers, Alarm system ...etc(experience for more than 100 sites).
- Install the outdoor RF equipments and made the VSWR test (Install more the 100 sites with 1.3 VSWR for roof top and 1.27 for green field towers)

- Microwave installation, alignments, and commissioning (Both PDH/T1 and SDH/SONET)(Experience about 400 link PDH and more than 70 links SDH).
- Started with Azady Telecom Company as a site engineer, then microwave team leader and the last position was the technical manager in the south project for six months.
- Install and commissioning alarm system for both MW and BSS systems.
- Install of Core Networks.
- Design and installation of LAN, WLAN networks.
- Worked on Path loss program.

Strengths:

- Excellent troubleshooting and analytical skills.
- Ability to work with others as teamwork and manage the groups.
- Well organized and proficient with details.
- Ability to handle large workload.
- Flexibility of assignments and accepts all tasks assigned and learn what they need to perform.
- Work effectively with engineers, developers, contractors, inspectors, and agents.

Sample of Pathloss program results.

	Khabbata Markaziya New	Bagdad Int. AP
Elevation (m)	29.23	35.59
Latitude	33 14 43.12 N	33 15 36.00 N
Longitude	044 22 09.72 E	044 14 24.00 E
True azimuth (°)	277.73	97.66
Vertical angle (°)	-0.03	-0.06
Antenna model	SB 4 - 190 NEC3	SB 4 - 190 NEC3
Antenna height (m)	29.47	26.29
Antenna gain (dBi)	44.70	44.70
Frequency (MHz)	18000.00	
Polarization	Vertical	
Path length (km)	12.16	
Free space loss (dB)	139.27	
Atmospheric absorption loss (dB)	0.66	
Net path loss (dB)	50.53	50.53
Radio model	PASOLINK+ 18G 155MB	PASOLINK+ 18G 155MB
TX power (watts)	0.03	0.03
TX power (dBm)	15.00	15.00
EIRP (dBm)	59.70	59.70
RX threshold criteria	BER 10-6	BER 10-6
RX threshold level (dBm)	-67.50	-67.50
Maximum receive signal (dBm)	-20.00	-20.00
RX signal (dBm)	-35.53	-35.53
Thermal fade margin (dB)	31.97	31.97
Geoclimatic factor	1.12E-05	
Path inclination (mr)	0.26	
Fade occurrence factor (Po)	8.51E-03	
Average annual temperature (°C)	10.00	
Worst month - multipath (%)	99.99945	99.99945
(sec)	14.33	14.33
Annual - multipath (%)	99.99986	99.99986
(sec)	43.00	43.00
(% - sec)	99.99973 - 86.00	
Rain region	ITU Region K	
0.01% rain rate (mm/hr)	42.00	
Flat fade margin - rain (dB)	31.97	
Rain rate (mm/hr)	64.26	
Rain attenuation (dB)	31.97	
Annual rain (%-sec)	99.99616 - 1210.96	
Annual multipath + rain (%-sec)	99.99589 - 1296.96	

Tue, Mar 22 2005
Khabbata Markaziya New-Bagdad Int AP.pl4
Reliability Method - ITU-R P.530-7/8
Rain - ITU-R P530-7

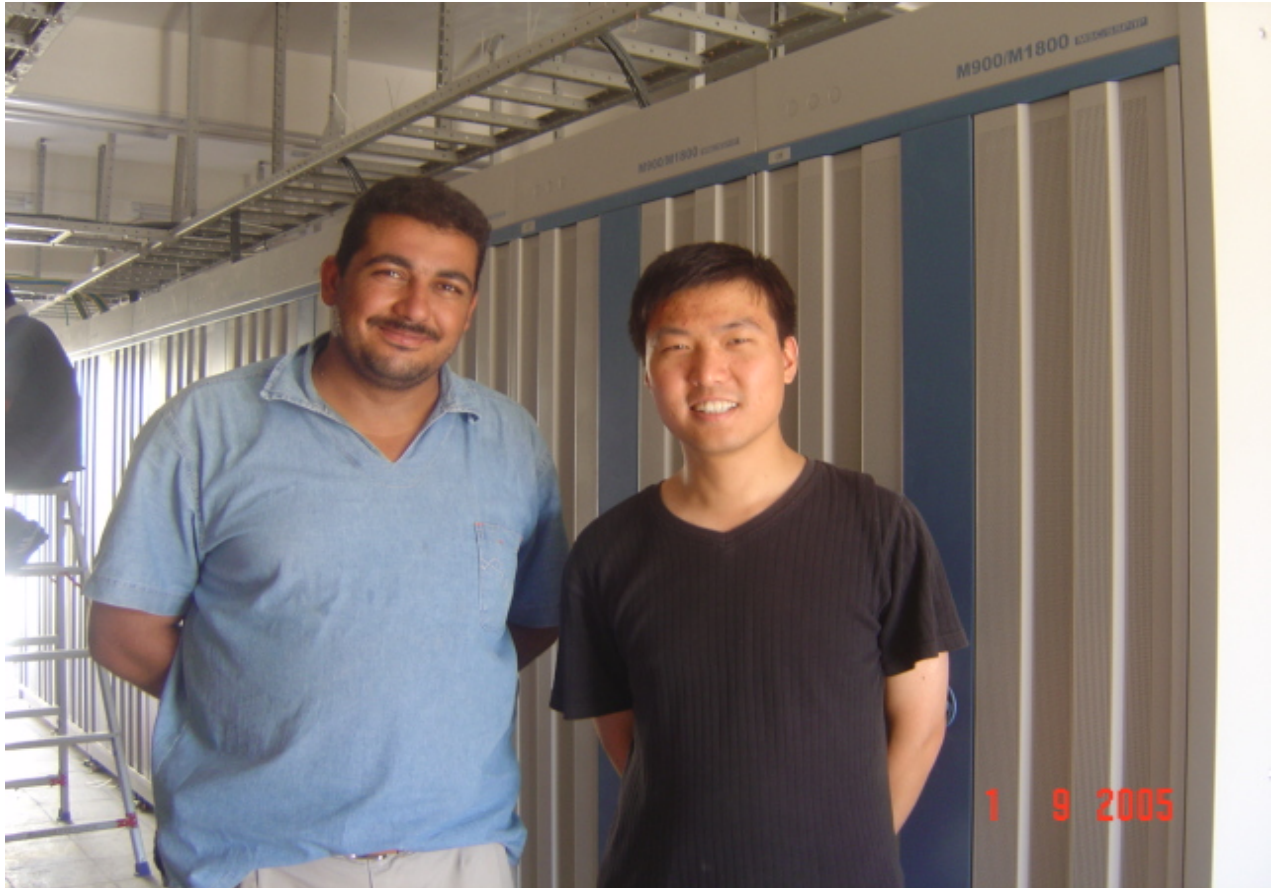
Some Pictures through my Jobs



Through Site Acquisition Report



Through RF work



Asia Cell Core Network installation



NEC training Center in Egypt