ZAIN INTRANET NETWORK ENGINEERING

Report No:	**26**	**Date:**	**10 June 2009**
Case Notations:	**5CBOW**	**Freq /Polarity:**	[redacted]

Summary:

- This informal report has been issued to highlight a C2C carrier Gabon to Belgium.
- The carrier was sampled using TERRAIN and Srouter
- ZAIN Corporation (formerly MTC Vodafone) intranet passing Technical data between ZAIN engineers via SMTP email Port 25.
- WBT45706 issued at SITE requesting 7 days collection, any hits should be viewable via UDAQ.
- TERRAIN sampling produced the following hit terms from the TERRAIN tacho dictionary.

Survey Files can be viewed in CARBOY FARNDALE Global Partition filename "**5CL03666_928000**"

4806 SECON 9 [redacted]@ZAIN.COM"
5356 GCHQ 4 "ORANGEMALI TECHNICAL" [redacted]@ORANGEMALI.COM
4806 SECON 9 [redacted]@ZAIN.COM" [redacted]@ZAIN.COM"
4806 SECON 9 [redacted]@COMIUM.CI
5139 GCHQ 4 "SAUDI TELECOM COMPANY" FRAUD@STC.COM.SA
4891 SECON 6 [redacted]@SA.ZAIN.COM"
4806 SECON 9 [redacted]@TUNISIETELECOM.TN" "[redacted]@TUNISIETELECOM.TN"
4894 SECON 7 "MTC TOUCH GSM LEBANON" "[redacted]@MTC.COM.LB
4806 SECON 9 [redacted]@NE.CELTEL.COM
4806 SECON 6 [redacted]@NG.CELTEL.COM

Technical Details:

Polarity: LHCP
Freq: [redacted]
Modulation: QPSK
Symbol Rate: 728.167
FEC RASIN: 3/4 TPC
Data Rate: 1024
Randomiser: A12
Protocol stack = Cisco/Ipv4/Icmp/Tcp/Udp/Esp

Analysis: removal of fas leaves WC1A(960k)

Can this carrier be tasked on the Collection System? Yes

This information is exempt from disclosure under the Freedom of Information Act 2000 and may be subject to exemption under other UK information legislation. Refer disclosure requests to GCHQ on [redacted]

Contact Details [redacted] **Email:** [redacted]

OPA-BUDE - ([redacted]

WIKI:	http:// [redacted]

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