DTX 600 Load Sharing Carriers R.O.W (via UK) to IRAQ plus RLEs Report No: 35 Date: 15/10/08 Case Notations: G2BCR (UK – IRAQ) G2BBU (UK – IRAQ) G2BCS (IRAQ – UK) G2BBV (IRAQ – UK) Polarity/Freq: G2H MHz G2H MHz G2H MHz G2H MHz

Summary:

This informal report has been issued to highlight IRAQ/UK load sharing DTX600 carriers plus their corresponding return link ends.

The physical gateways are UK – IRAQ / IRAQ - UK, however, the UK is providing a logical gateway for the R.O.W (mainly **Turkey**, Syria, Saudi Arabia, UAE, Egypt & UK) to/from Iraq.

C7 analysis confirms that G2BCR & G2BBU are load-sharing traffic between R.O.W and IRAQ, and G2BCS & G2BBV are load-sharing traffic between IRAQ and R.O.W.

Hits noted from numbers in Iraq (964), Iran (98), Syria (963), Turkey (90) & UK (44)

Results:

JSS7 Hits noted as follows:

G2BCR
Called Number,
Called Number,
Called Number,
Calling Number
G2BCS
Called Number,
hits)
Called Number,
Calling Number,
Calling Number,
Calling Number,
G2BBU
Calling Number,, NON OP KURDISH EXTREMISM
Called Number, LEADERSHIP
Calling Number,
Called Number,
G2BBV
Called Number,
Calling Number
Called Number,
Called Number,
Calling Number

Analysis:

G2BCR UK – IRAQ (paired with G2BCS) C7 OPC 2-153-1 (Nokia DX220 ABS) UK, DPC 4-036-4 (Unid Exch) IRAQ DTX600 contains 11 active trunks of g729 voice activity, plus one WC1A channel. Device Name: ABS-LINK1-LOCAL Protocols: CISCO/IPV4/ICMP/TCP/UDP/GRE/ESP/PPTP (Engineering related) Location of C7 following Swordfish decompression = 3rd Trunk BS19

G2BCS IRAQ – UK (paired with G2BCR) C7 OPC 4-036-4 (Unid Exch) IRAQ, DPC 2-153-1 (Nokia DX220 ABS) UK DTX600 contains 11 active trunks of g729 voice activity, plus one WC1A channel. Device Name: ABS-LINK1-REMOTE Protocols: CISCO/IPV4/ICMP/TCP/UDP/GRE/ESP/PPTP (Engineering related) Engineering traffic noted within GRE sample, which indicated "Location Information" as BSC DPC =0x00000F5 (KRK) – (probably relating to Kirkuk). Location of C7 following Swordfish decompression = 3rd Trunk BS19

G2BBU UK – IRAQ (paired with G2BBV) C7 OPC 2-153-1 (Nokia DX220 ABS) UK, DPC 4-036-4 (Unid Exch) IRAQ

DTX600 contains 11 active trunks of g729 voice activity, plus one clear PCM voice channel. Location of C7 following Swordfish decompression = 3rd Trunk BS19

G2BBV IRAQ - UK (paired with G2BBU)

C7 OPC 4-036-4 (Unid Exch) IRAQ, DPC 2-153-1 (Nokia DX220 ABS) UK DTX600 contains 11 active trunks of g729 voice activity, plus one clear PCM voice channel. Location of C7 following Swordfish decompression = 3rd Trunk BS19

Technical Details: Polarity: G2 (Intelsat 902) Lin Horizontal

Freq: G2BCR MHz
Freq: G2BBU MHz
Freq: G2BCS MHz
Freq: G2BBV MHz
Modulation: QPSK
Symbol Rate:
FEC Rate:
FEC RASIN: TPC2D78R005
Data Rate: 2048k
Randomiser: A12
Can this carrier be tasked on the Collection System? Due to limited patching there is currently no
spare tasking availability on Lopers.

Contact Details SECRET STRAP1 SPOKE OPA-BUDE - (

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SECRET STRAP1 SPOKE