

SECRET STRAP1 SPOKE

8BBAC
JORDAN-BELGIUM

Report No: 44 Date: 01/12/2008

Case Notation: 8BBAC
Polarity/Freq: 8BL [REDACTED] Mhz

Summary:

This informal report has been issued to highlight a link of potential interest for tasking.

The physical gateways are JORDAN-BELGIUM, however BELGIUM is providing a logical gateway to the ROW.

The link is a fairly standard E1 employing Timeslots 30 and 31 to relay C7, which in turn provides the dialling for this link. Compression is achieved by utilising DTX-360B DCME equipment.

Traffic summaries indicate that both terminals are relaying transit data.

Results:

TS 30 (HOST)
OPC 4-032-5 (Jordan, FAST Link GSM) DPC 2-014-7 (Belgium, Brussels F Belgacom)
Link activity as follows:

4-032-5 to 2-012-2 CIC 0066-0097, 0155-0191

Transit calls to:

Morocco, Algeria, Libya, Guinea, Ivory Coast, Nigeria, Democratic Republic of Congo, Mozambique, Greece, Belgium, France, Spain, Cyprus, Belarus, Ukraine, Romania, Norway, Poland, Germany, Malaysia, Australia, Thailand, Japan, South Korea, China, Taiwan, [Turkey](#), India, Pakistan, Lebanon, Iraq, Yemen, UAE, Israel, Bahrain, Qatar, Bhutan, Kyrgyzstan

4-032-5 to 2-012-1 CIC 0065-0096, 0145-0192

Transit calls in addition to above include:

Mauritius, Finland, Bulgaria, Switzerland, Sweden, Syria, Iran

TS 31 (HOST)

OPC 4-032-0 (Jordan, FAST Link) DPC 2-013-1 (Belgium, Brussels F Belgacom)

Link activity as follows:

4-032-0 to 2-012-2 CIC 0065-0096, 0145-0183

Transit calls to:

Morocco, Algeria, Libya, France, Spain, Cyprus, Finland, Bulgaria, Ukraine, Romania, Malaysia, Australia, South Korea, China, [Turkey](#), India, Lebanon, Iraq, Yemen, UAE, Israel, Bahrain, Bhutan

4-032-0 to 2-012-1 CIC 0066-0097, 0146-0183

Transit calls in addition to above include:

South Africa, Greece, Andorra, Switzerland, Singapore

Mapping:

8BBAC was input to Depthgauge for mapping.

Although the resultant map was not fully conclusive, it supports the previously listed mapping as follows:

C7 in BS30 controls trunks 2,3,4,5

C7 in BS31 controls trunks 0,1,6,7

40320-20122 TR0 CIC'S 0065-0087 TS 01-23 LIN

40320-20122 TR1 CIC'S 0098-0126 TS 02-30 ALTE

40325-20122 TR2 CIC'S 0066-0085 TS 02-21 LIN

40325-20122 TR3 CIC'S 0098-0126 TS 02-30 ALTE

40325-20121 TR4 CIC'S 0065-0094 TS 01-30 LIN

40325-20121 TR5 CIC'S 0098-0126 TS 02-30 ALTE

40320-20121 TR6 CIC'S 0066-0093 TS 02-29 LIN

40320-20121 TR7 CIC'S 0098-0118 TS 02-22 ALTE

*** LAST MAP 02037 ***

Further signalling is being carried by these C7 channels, which has not yet been mapped.

Possibly controls voice on another bearer:

BS30 40325-20121 CIC 0151-0192 and 40325-20122 CIC 0155-0191

BS31 40320-20121 CIC 0146-0183 and 40320-20122 CIC 0145-0183

The RLE to this link is believed to be 8BBNH. Currently in view at Sounder.

ANALYSIS: -

8BBAC was sampled for DNR activity for approximately 94 hours over the period 26/11/2008-01/12/2008 on Drumkit.

Originating Countries Calls Percentage Destination Countries Calls Percentage

Results – TS30

TS30: - Scored 607 hits, which include both tasked and de-tasked numbers listed in Corinth. Of the 607 hits, 86 were scored against 26 currently tasked numbers.

Results – TS31

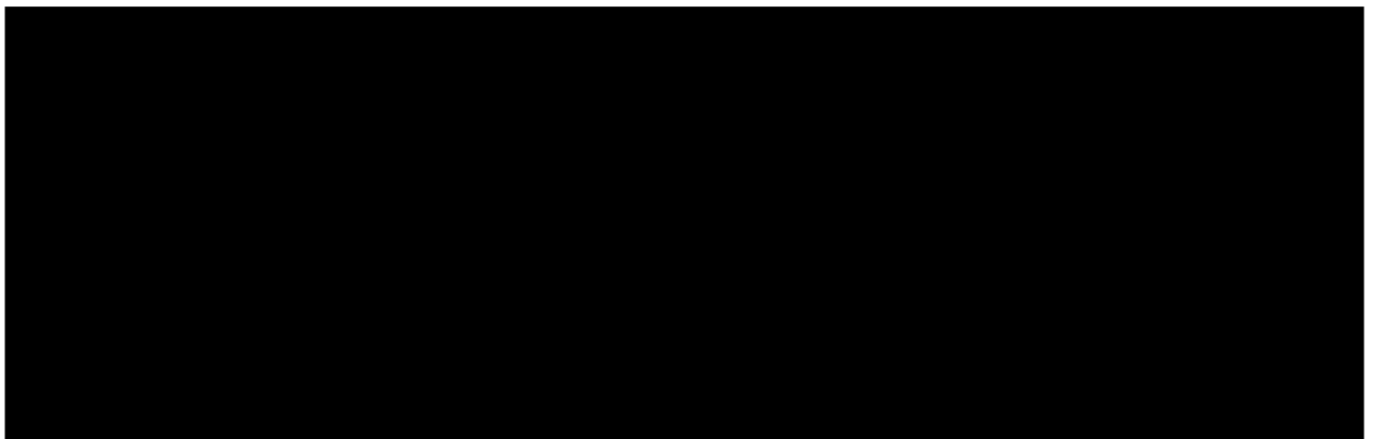
TS31: - Scored 349 hits, which include both tasked and de-tasked numbers listed in Corinth. Of the 349 hits, 40 were scored against 14 currently tasked numbers.

Hits can be viewed in Drumroll under the following filenames:

TS 30 = 8BBAC0030

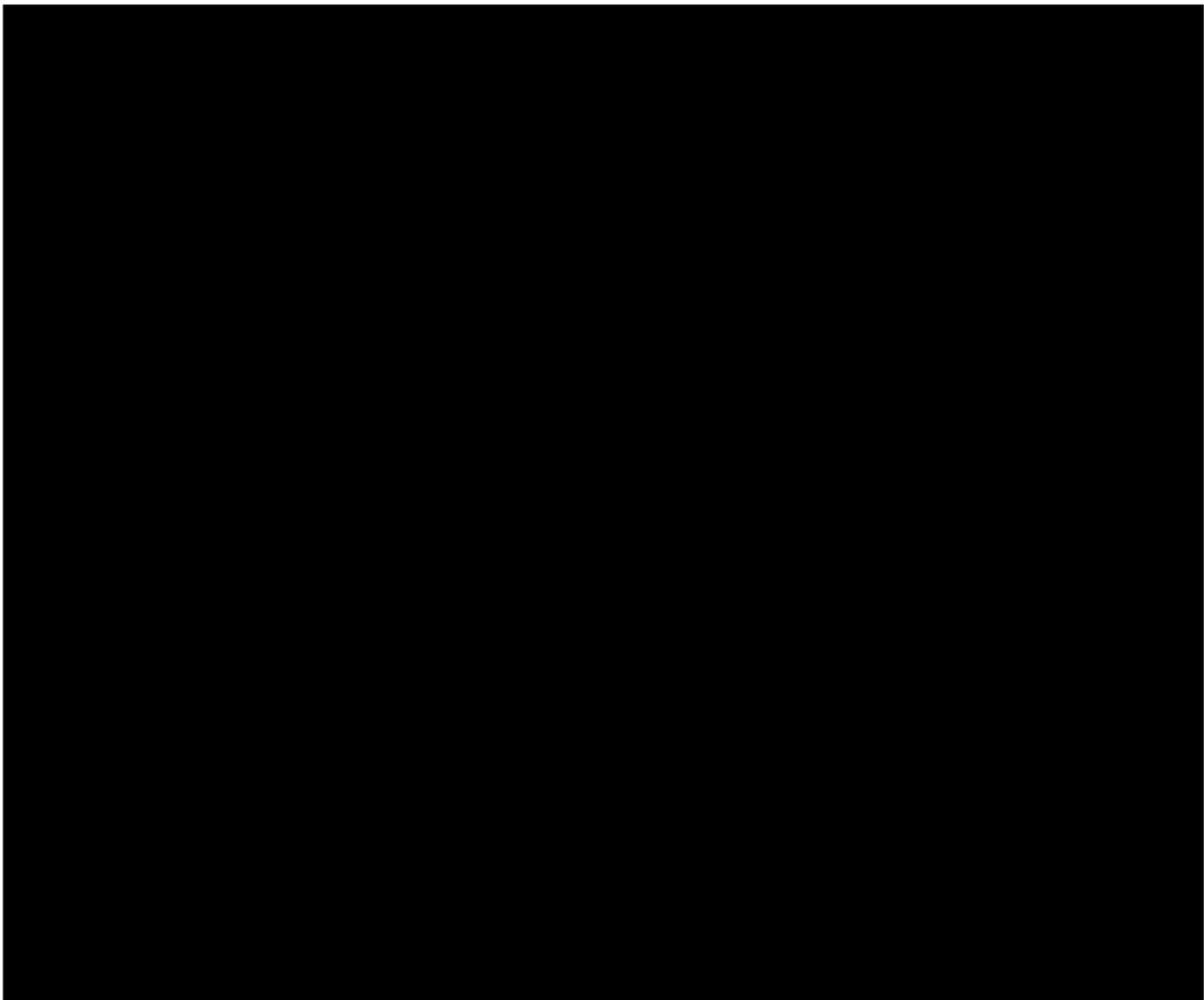
TS 31 = 8BBAC0031

TASKED HITS NOTED FOR TS30:

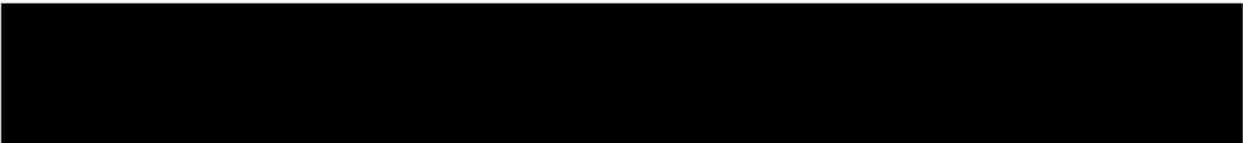


TURKISH MFA

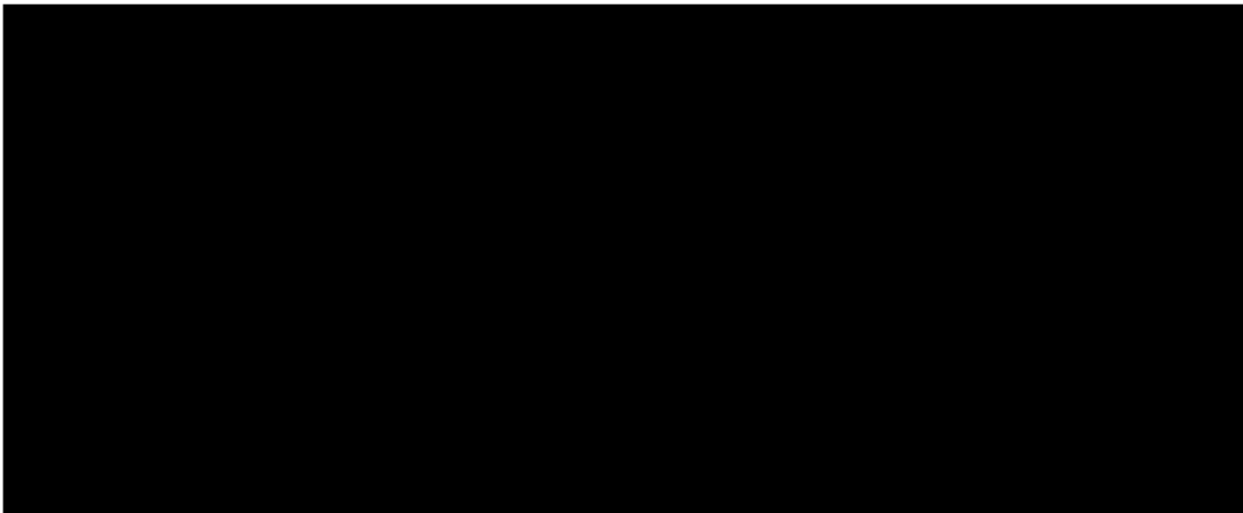
SELECTION OF NON-TASKED HITS FOR TS30: (priority 1 hits highlighted in red)



[KURDISH](#) LEADERSHIP



TASKED HITS NOTED FOR TS31:



SELECTION OF NON-TASKED HITS FOR TS31: (priority 1 hits highlighted in red)



[KURDISH](#) LEADERSHIP

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Technical Details: Link = 8BBAC
Modulation – 8PSK.

Symbol rate = 780.19 Kbps
Data rate = 2048bps.
Fec rate = 7/8.
Fec Type = TPC.
Overhead = None.
Reed Solomon = None
Absolute encoding.
This link can be tasked on the system

Contact Details

OPA-BUDE -

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