

8BBAC
JORDAN-BELGIUM

Report No: 44	Date: 01/12/2008
Case Notation: 8BBAC	Polarity/Freq: [REDACTED]

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

SECRET STRAP1 SPOKE

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.

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

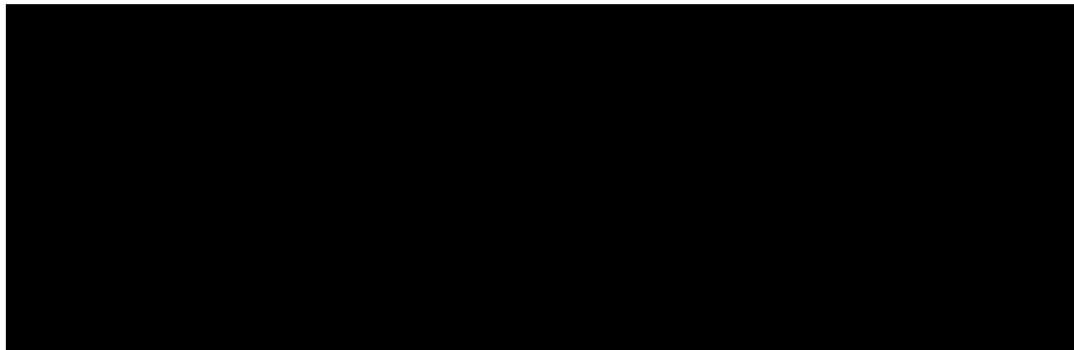
TS31: - Scored 349 hits, which include both tasked and de-tasked numbers listed in Corinth. Of the 349 hits, 40 were scored against 14 currently tasked numbers.

Hits can be viewed in Drumroll under the following filenames:

TS 30 = 8BBAC0030

TS 31 = 8BBAC0031

TASKED HITS NOTED FOR TS30:



[REDACTED]

[REDACTED] A22H DR AHMAD AL TIBI MK Y 6039 0

[REDACTED]

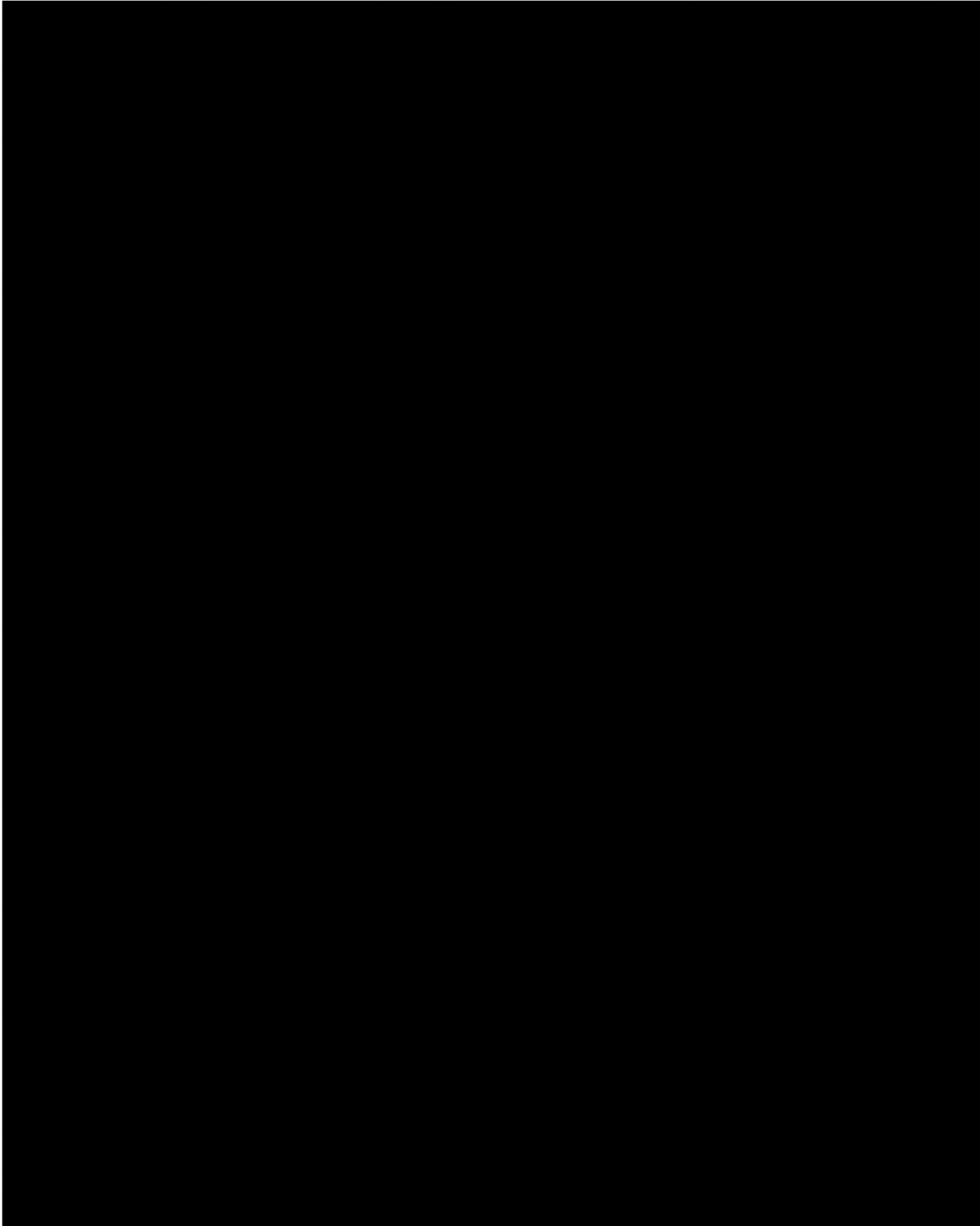
[REDACTED] A22H DR AHMAD AL TIBI MK Y 6039 0

[REDACTED]

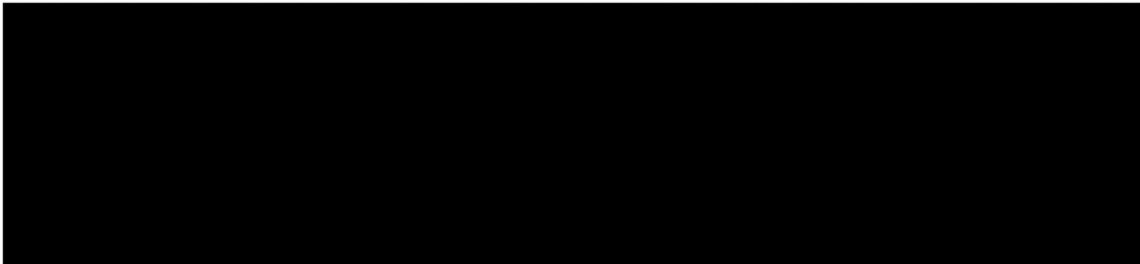
[REDACTED] A22H PALESTINIAN CABINET SEC GEN Y 6039 0

[REDACTED]

[REDACTED]



 A22H JORDANIAN ROYAL PROTOCOL OFFICE N 6068 0





A15P4 INST OF PHYSICS, HEBREW UNI, J N 6209 0



A22H PLO AMBASSADOR AMMAN N 6039 5

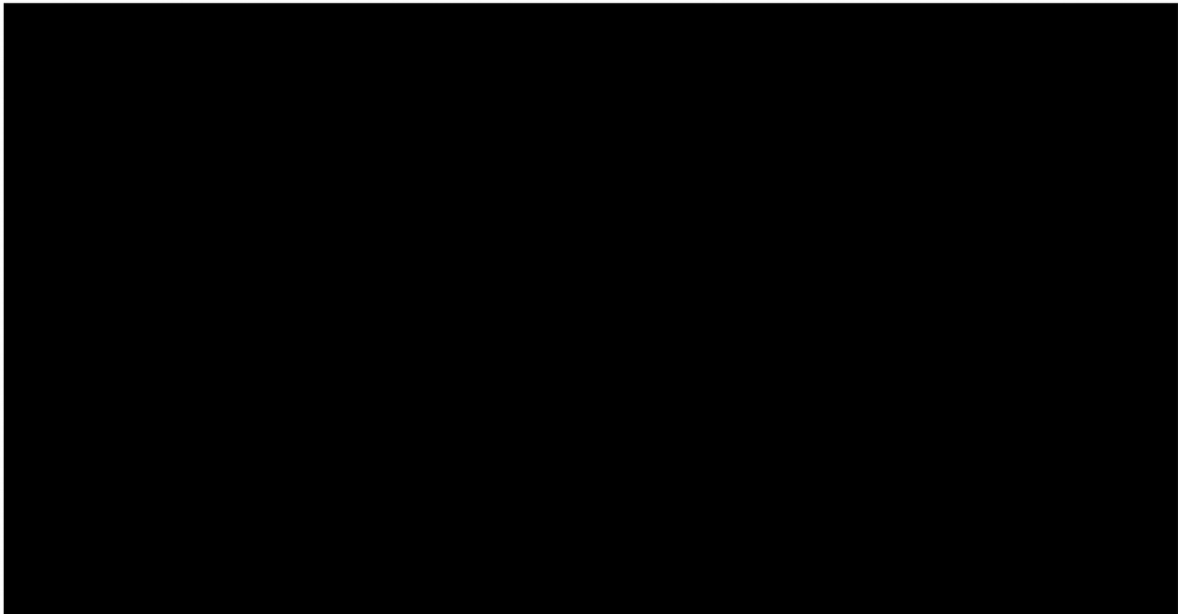
A22H PALESTINIAN AMBASSADOR SOUTH AFRICA N 6039 0



A15P2 OPHIR OPTRONICS POB45021 JERUS N 6239 3



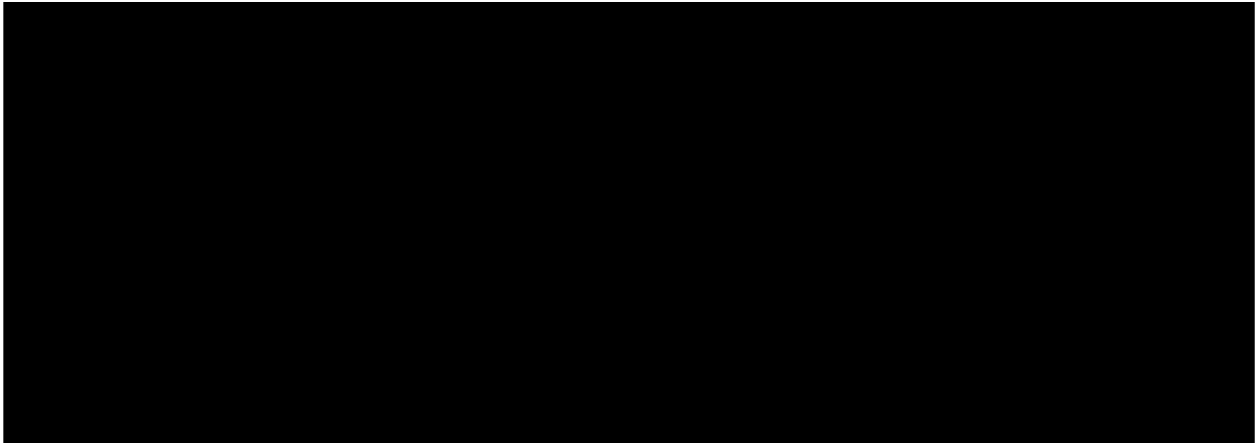
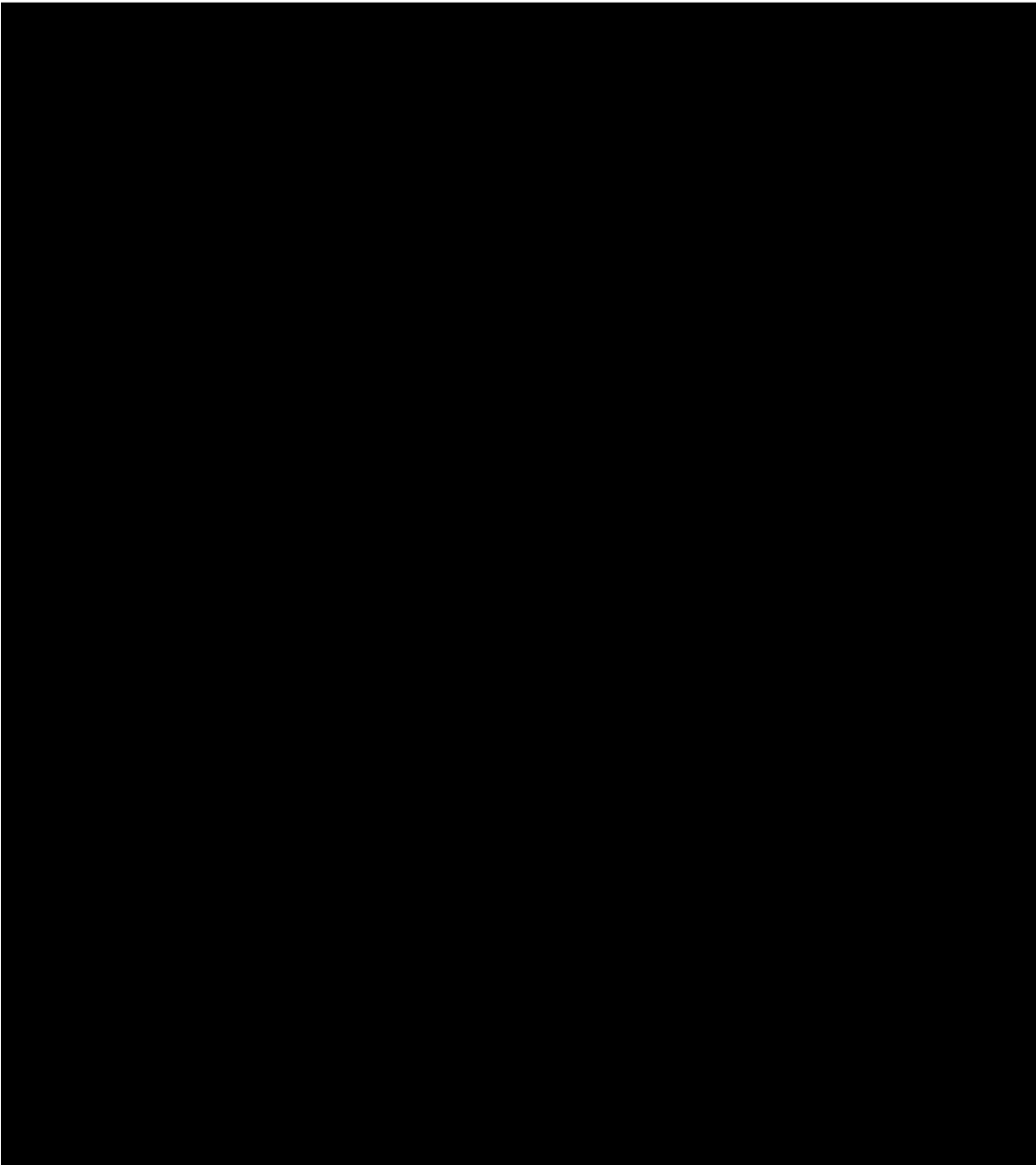
TASKED HITS NOTED FOR TS31:



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

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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 o 



[REDACTED]

[REDACTED] A22H PALESTINIAN AMB MALAYSIA N 6039 0

[REDACTED]

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

[REDACTED]

Email:

[REDACTED]

OPA-BUDE - ☎ [REDACTED] - [REDACTED]