



# Utility Monitoring Central Archive

*Note that the UMC Archive files mainly cover defunct stations. Some stations may however still be active and some of the info may still be valid.*

## ***Various stations and unids***

Salini Construttori Spa

Gabonese Railways

Ethiopian Post & Telecomm

Unid Turkish 000000 Network

Unid Spanish "Animal" Network

Unid "Colours" Network

Algerian "MALEK" Network

**SALINI COSTRUTTORI SPA**

Last update: 05/Dec/1998

**Transmission Modes:** SITOR-A 100bd Erect 170Hz  
USB Voice

**Logged Frequencies:** 20584.0

**Language:** Italian, French

**Notes on Operation:**

- [SAT][SUN]
- Construction company operations. Headquarters in Rome, identified by "dpo1", with outstations in Sierra Leone, Guinea and Sudan.
- System often used to request a phone conversation using USB on the same frequency using channel designation "ch 10".
- Andreas Borgnino has a great picture of this station's antenna installation in Rome at <http://www.mediasuk.org/archive>

<b>Identifier</b>	<b>Selcal</b>	<b>Location</b>
DPO1	XQKO	Rome
?	XQKB	Chantier de Garafiri "Salini Freetown"
?	?	Bumbuna
?	?	Kassala
?	?	Kankan
	XQKM	Unid
	XQKT	Unid

## GABONESE RAILWAYS

Last update: 11/May/2001

### Transmission Modes:

MIL-188-141A 125bd 1650Hz ALE

USB Voice

LSB Voice

**Logged Frequencies:** 7708.0 9259.0 11200.0

**Language:** French

### Notes on Operation:

- [SAT][SUN]
- First reported in late 2000, the station identifiers of this network fit the locations of towns along Gabon's railway system. ALE appears to trigger mainly USB voice communications in French.

<u>ALE ID</u>	<u>Location</u>
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BB113	
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CC11	
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CC17	
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FRANCE	Franceville
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MBOUNGOU	Mboungou
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MILOLE	Milolo
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MOANDA	Moanda
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PCBOOUE	Booué
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PCOWENDO	Owendo
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RC1	
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## ETHIOPIAN POST & TELECOMM

Last update: 11/May/2001

### Transmission Modes:

MIL-188-141A 125bd 1650Hz ALE

Racal MSM-1250 125bd 10ch HSM

USB Voice

LSB Voice

**Logged Frequencies:** 7930.0

### Notes on Operation:

- [SAT][SUN]
- An Ethiopian PTT net on 7930 kHz USB and LSB using Racal MSM-1250 and Racal HSM mode was discovered in late 2000.
- MIL-188-141A ALE is being used to trigger phone calls between stations.

### ALE ID Location

ADS Addis Ababa

AN1

AN2

DM1 Debre Markos 1

DM2 Debre Markos 2

KLA

OMO North or South Omo

SAT

SHO Shoa (Shewa)

TYA Tigray

**TURKISH 000000 NETWORK**

Last update: 31/Dec/2001

**Transmission Mode:** MIL-188-141A 125bd/1650Hz ALE**Logged Frequencies:** 6800.0 6900.0 6966.0 7620.0 7820.0  
10360.0 11492.0 11495.0 11556.0 12134.0**Notes on Operation:**

- [SAT][SUN]
- At first rumoured to be Iranian, this network has now been positively identified through operator chatter as Turkish in origin although the user(s) of the network have not been determined.
- This network sports a very distinctive set of numerical ALE identifiers beginning "000000".
- The leading 6 zeroes are also frequently dropped.

**ALE ID**0000001111  
0000001220  
0000001230  
0000001240  
0000001290  
0000004444  
0000005555  
0000006136  
0000006137  
0000006138  
0000006140  
0000006141  
0000006142  
0000006666

**UNID SPANISH "ANIMAL" NETWORK**

Last update: 31/May/2001

**Transmission Mode:** MIL-188-141A 125bd/1650Hz ALE

**Logged Frequencies:** 8047.0 9025.0

**Notes on Operation:**

- [SAT][SUN]
- This network is probably a Central or South American Army operation and sports identifiers made up of animal names.

**ALE ID**

CENTELLA

DRAGON

LEOPARDO

PISIS

TIGRE

## UNID "COLOURS" NETWORK

Last update: 31/May/2001

**Transmission Mode:** MIL-188-141A 125bd/1650Hz ALE

### Logged Frequencies

Network 1: 5033.0 5567.0 6318.5 6818.0 6820.0 6876.5 7629.1 8125.0  
11246.0 13432.5 16570.0 22747.0

Network 2: 11401.5

Network 3: 6978.5

### Notes on Operation:

- [SAT][SUN]
- This network (comprised of at least three distinct sub-nets based on callsign differences) is so-called because the three letter identifiers suggest colours.
- AMD traffic has been noted, and signals are stronger in Europe but easily audible in the US. AMD messages are of the following form:

Z10201107500000509N29

Z12402107100000509N2A

Z12302107117034509Y3B

Z12402107100000509N2A

Z12802107100000509N26

Z14204108517039509Y3C

Z14204108517068509Y38

Z13804108517034509Y3C

Network 1 ALE ID	Network 2 ALE ID	Network 3 ALE ID
BLU	B01	B01
BLA	M01	MP1
RED		MP2
GLD		MP3
GRY		MP4
MAU		MP5
YEL		MUS

**ALGERIAN "MALEK" NETWORK**

Last update: 31/May/2001

**Transmission Modes:** MIL-188-141A 125bd/1650Hz ALE  
Harris RF-5000 AVS Vocoder

**Logged Frequencies:** 7635.0 11202.0

**Notes on Operation:** [SAT][SUN]

**ALE ID**

ATE

ATEF

BAD

BADIS

BADCAD BAD

BASSEM

HATEM

MALEK

MALEK MIM

MOURAD

SAYF

VIO