



# 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.*

## **Police Forces on Shortwave**

Albanian Police  
Australian Police  
Gendarmerie Nationale (France)  
Police Nationale (France)  
Compagnie Republicaine de Sécurité (France)  
Innenministerium (Germany)  
Landeskriminalamt (Germany)  
Grenzschutzpolizei (Germany)  
Interpol  
Carabinieri (Italy) <sup>1</sup>  
Guardia di Finanza (Italy) <sup>2</sup>  
Polizia di Stato (Italy)  
Ministry of Interior (Mozambique)  
Corpo de Segurança Pessoal (Portugal)  
Guardia Civil (Spain) <sup>3</sup>  
Turkish Police in Bosnia  
Federal Bureau of Investigation (USA) <sup>4</sup>

<sup>1</sup> Newer document on UDXF <http://udxf.nl/Carabinieri.pdf>

<sup>2</sup> Newer document on UDXF <http://udxf.nl/Guardia-di-Finanza.pdf>

<sup>3</sup> Not included in this document.

Integrated into the Guardia Civil document on the UDXF website <http://udxf.nl/Guardia-Civil.pdf>

<sup>4</sup> Not included in this document.

Integrated into the FBI document on the UDXF website <http://www.udxf.nl/FBI.pdf>

**ALBANIAN POLICE - POLICIA E SHTETIT**

Last update: 11/May/2001

**Transmission Mode:** MIL-188-141A ALE

**Frequency:** 3450 4010 4462 4530 4771 4919 5075 5117 5251 5275 5285 5355  
5379 5400 6575 6771 6795 6893 7475 7643 7792 7917 8075 9241

**Web Address:** <https://www.asp.gov.al>

**ALE ID**

BORA

DIAMANTI

DRINI

FUSHA

MALI

SHQIPONJA

## AUSTRALIAN POLICE

Last update: 31/May/2001

**Transmission Modes:** MIL-188-141A ALE

**Logged Frequencies:** 8055.0 9057.0 10450.0 11073.5 11164.0 12226.0 13375.0 14471.0  
14675.0 14710.0 16270.0 18470.0 19060.0 19120.0 20420.0

### ALE IDs:

VBL

VCP

VCR

VJJ RFDS Charleville, QD

VJZ

VKA Police SA

VKB Police SA

VKC Police Vic

VKE

VKF RFDS outpost

VKG Police NSW

VKM Police NT

VJP

VKY

VKW

VOC

VOX

VTQ

### Notes on Operation:

- [SAT][SUN]
- This once busy and extensive network appears too have ceased operation in Spring 2001.
- The identifiers were strongly suggestive of Australian Police callsigns, but no non-ALE traffic was ever heard on any of the many frequencies used.
- Note 2018: Some of the ALE idents appear to belong to the RFDS and not to the police.

## GENDARMERIE NATIONALE / FRENCH GENDARMES

Last update: 30/Dec/1996

### Transmission Modes:

SITOR-A 100bd/170Hz  
ITA-2 50bd  
ITA-2 75bd  
ARQ-E3 100bd

### Frequencies:

3677.0 3724.0 3780.0 3851.0 3879.0 4061.5 4504.0 4506.5 4507.7 4608.5 4761.5 4763.0  
4921.5 5137.0 5147.4 5282.0 5438.5 5779.0 7576.0 11167.0 14613.7 18046.0 18281.5

### Notes:

- Language: French
- The master station is the Mobile Group in Mont Saint Aignan who seems to be the connecting link between all 'Escadrons Mobile' in the region. Normally there will be a callup in USB after which the RTTY session will start on 4507.7 kHz. All units were using 'Charlie' callsigns. Similar transmissions were also logged on 5438.5 kHz, this time 'Golf' callsigns were used.
- Gendarmes also dispatched during international crises. One example is the French Contingent in Beirut logged on 18281.5kHz using selcal VKPV and tactical calls "CV01" and "JF00".

Callsign	Location	Routing ID
Charlie-???	Legion Gendarmerie Mobile Rennes	RFFDCX LEGENDMOBIL
Charlie-900	Groupe Mobile Mont Saint Aignan	RFFXBX
Charlie-903	Escadron Mobile Le Havre	RFFXBV BRIRECHGEND
Charlie-904	Escadron Mobile Argenton	
Charlie-905	Escadron Mobile Aunay Sur Odon	
Charlie-906	Escadron Mobile Cherbourg	
FVA33	Nantes	
FVA80	Rosny-sur-Bois	
FVA52	Clermont Ferrand	
FVC20	Orleans	
FVC25	Montargis	
FVC27	Pithiviers	
FVC47	Gap	
FVJ	St. Herblain	
FVK20	Bordeaux	
FVL	Limoges	
FVZ99	St Pierre	
?	Beirut "JF00"	
?	Rosny-sur-Bois "CV01"	

**POLICE NATIONALE / FRENCH POLICE "FIT"**

Last update: 30/Dec/1999

**Transmission Modes:**

SITOR-A 100bd Erect 170Hz  
SITOR-B 100bd Erect 170Hz  
ARQ-E3 100bd / 400Hz  
CW

**Frequencies:**

4818.0 5164.4 5210.0 5786.0 5788.0 7403.1 7441.0 7575.0 7655.0 7902.0 9050.0

**Notes:**

- Language: French
- Selcals consist of the first two letters of the capital city and the departement (region).
- Stations sometimes dispense with the initial "5" of the callsign.

<b>Callsign</b>	<b>Department Name</b>	<b>Capital City</b>	<b>Selcal</b>
FIT501	Ain	Bourg-en-Bresse	
FIT502	Aisne	Laon	LAAI
FIT503	Allier	Moulins	
FIT504	Alpes de Haute Provence	Digne	
FIT505	Hautes Alpes	Gap	GAAH
FIT506	Alpes Maritimes	Nice	
FIT507	Ardeche	Privas	
FIT508	Ardennes	Charleville-Mezieres	
FIT509	Ariege	Foix	
FIT510	Aube	Troyes	
FIT511	Aude	Carcassonne	CAAU
FIT512	Aveyron	Rodez	
FIT513	Bouches du Rhone	Marseille	MABR
FIT514	Calvados	Caen	
FIT515	Cantal	Aurillac	AUCA
FIT516	Charente	Angouleme	
FIT517	Charente Maritime	La Rochelle	
FIT518	Cher	Bourges	BOCH
FIT519	Correze	Tulle	
FIT520	Corse (Hautes)	Bastia	
FIT520	Corse (Sud)	Ajaccio	AJCA
FIT521	Cote d'Or	Dijon	DICO
FIT522	Cotes du Nord	Saint-Brieuc	
FIT523	Creuse	Gueret	
FIT524	Dordogne	Perigueux	
FIT525	Doubs	Besancon	BEDO
FIT526	Drome	Valence	
FIT527	Eure	Evreux	
FIT528	Eure et Loire	Chartres	
FIT529	Finistere	Quimper	
FIT530	Gard	Nimes	
FIT531	Haute Garonne	Toulouse	TOGH
FIT532	Gers	Auch	
FIT533	Gironde	Bordeaux	
FIT534	Herault	Montpellier	

FIT535	Ille et Vilaine	Rennes	REIV
FIT536	Indre	Chateauroux	CHIN
FIT537	Indre et Loire	Tours	TOIL
FIT538	Isere	Grenoble	GRIS
FIT539	Jura	Lons-le-Saunier	
FIT540	Landes	Mont-de-Marsan	
FIT541	Loir et Cher	Blois	
FIT542	Loire	Saint-Etienne	
FIT543	Haute Loire	Le Puy	
FIT544	Loire Atlantique	Nantes	
FIT545	Loiret	Orleans	ORLO
FIT546	Lot	Cahors	
FIT547	Lot et Garonne	Agen	
FIT548	Lozere	Mende	
FIT549	Maine et Loire	Angers	
FIT550	Manche	Saint-Lo	
FIT551	Marne	Chalons-sur-Marne	
FIT552	Haute Marne	Chaumont	
FIT553	Mayenne	Laval	
FIT554	Meurthe et Moselle	Nancy	
FIT555	Meuse	Bar-le-Duc	
FIT556	Morbihan	Vannes	
FIT557	Moselle	Metz	MEMO
FIT558	Nievre	Nevers	
FIT559	Nord	Lille	LINO
FIT560	Oise	Beauvais	
FIT561	Orne	Alencon	
FIT562	Pas de Calais	Arras	ARPC
FIT563	Puy de Dome	Clermont-Ferrand	
FIT564	Pyrenees Atlantiques	Pau	
FIT565	Hautes Pyrenees	Tarbes	
FIT566	Pyrenees Orientales	Perpignan	
FIT567	Bas Rhin	Strasbourg	PAAC?
FIT568	Haut Rhin	Colmar	
FIT569	Rhone	Lyon	LYRH
FIT570	Haute Saone	Vesoul	
FIT571	Saone et Loire	Macon	
FIT572	Sarthe	Le Mans	
FIT573	Savoie	Chambery	
FIT574	Haute Savoie	Annecy	
FIT575	Seine	Paris (MOI)	
FIT576	Seine Maritime	Rouen	
FIT577	Seine et Marne	Melun	
FIT578	Yvelines	Versailles	
FIT579	Deux Sevres	Niort	
FIT580	Somme	Amiens	
FIT581	Tarn	Albi	
FIT582	Tarn et Garonne	Montauban	
FIT583	Var	Draguignan	
FIT584	Vaucluse	Avignon	
FIT585	Vendee	La Roche-sur-Yon	
FIT586	Vienne	Poitiers	
FIT587	Haute Vienne	Limoges	
FIT588	Vosges	Epinal	EPVO

FIT589	Yonne	Auxerre	AUYO
FIT590	Territoire de Belfort	Belfort	
FIT591	Essonne	Evry	
FIT592	Hauts de Seine	Nanterre	
FIT593	Seine Saint Denis	Bobigny	
FIT594	Val de Marne	Creteil	CRVM
FIT595	Val d'Oise	Pontoise	
FIT5972	Martinique	Fort de France	
FIT5973	Guyana	Cayenne	
FIT5974	La Reunion	Saint-Denis	
FIT597?	Guadeloupe	Basse-Terre	
	Rosny sur Bois		QEMP

**Traffic example: Christmas greetings message from Bordeaux**

24-dec-96 18:19

vzczc

de /fr/atlas/rescom 400/cop-sys/uoa=33scbo/circosc bordeaux

nr 3529 24/12/96 1810a 24/12/96 1806b

bt

l'equipe de garde du circosc de bordeaux

vous souhaite un joyeux noel.

=====

etat major zonal de securite civile sud-ouest

c.i.r.co.s.c. de bordeaux

=====

nnnn

24-dec-96 18:19

## FRENCH SECURITY

Last update: 30/Dec/1996

### Transmission Modes:

USB  
CW  
ARQ-E3

### Frequencies:

4529.0 4585.0 4928.0 5033.0 5265.0 5274.0 5365.0 5395.5 5800.0 6855.0

### Note:

- Language: French
- The Compagnie Republicaine de Securite (CRS) was formed in 1944. CRS is part of the French police but has special tasks like the protection of the President and other officials. CRS mobile units also act as highway patrol, life guards and mountain rescue teams.

### Callsigns:

CRS uses callsigns FIS and FSS, both followed by a 2 or a 3 + the number of the department, i.e. CRS Lyon has been copied with both FIS369 and FSS369 callsigns and CRS Pau with FIS264 and FSS364. The different callsigns are mission related and possibly also indicate various departments/ units in the same area.

Nr	Department Name	Capital City
501	Ain	Bourg-en-Bresse
502	Aisne	Laon
503	Allier	Moulins
504	Alpes de Haute Provence	Digne
505	Hautes Alpes	Gap
506	Alpes Maritimes	Nice
507	Ardeche	Privas
508	Ardennes	Charleville-Mezieres
509	Ariege	Foix
510	Aube	Troyes
511	Aude	Carcassonne
512	Aveyron	Rodez
513	Bouches du Rhone	Marseille
514	Calvados	Caen
515	Cantal	Aurillac
516	Charente	Angouleme
517	Charente Maritime	La Rochelle
518	Cher	Bourges
519	Correze	Tulle
520	Corse (Hautes)	Bastia
520	Corse (Sud)	Ajaccio
521	Cote d'Or	Dijon
522	Cotes du Nord	Saint-Brieuc
523	Creuse	Gueret
524	Dordogne	Perigueux
525	Doubs	Besancon
526	Drome	Valence
527	Eure	Evreux
528	Eure et Loire	Chartres



529	Finistere	Quimper
530	Gard	Nimes
531	Haute Garonne	Toulouse
532	Gers	Auch
533	Gironde	Bordeaux
534	Herault	Montpellier
535	Ille et Vilaine	Rennes
536	Indre	Chateauroux
537	Indre et Loire	Tours
538	Iserre	Grenoble
539	Jura	Lons-le-Saunier
540	Landes	Mont-de-Marsan
541	Loir et Cher	Blois
542	Loire	Saint-Etienne
543	Haute Loire	Le Puy
544	Loire Atlantique	Nantes
545	Loiret	Orleans
546	Lot	Cahors
547	Lot et Garonne	Agen
548	Lozere	Mende
549	Maine et Loire	Angers
550	Manche	Saint-Lo
551	Marne	Chalons-sur-Marne
552	Haute Marne	Chaumont
553	Mayenne	Laval
554	Meurthe et Moselle	Nancy
555	Meuse	Bar-le-Duc
556	Morbihan	Vannes
557	Moselle	Metz
558	Nievre	Nevers
559	Nord	Lille
560	Oise	Beauvais
561	Orne	Alencon
562	Pas de Calais	Arras
563	Puy de Dome	Clermont-Ferrand
564	Pyrenees Atlantiques	Pau
565	Hautes Pyrenees	Tarbes
566	Pyrenees Orientales	Perpignan
567	Bas Rhin	Strasbourg
568	Haut Rhin	Colmar
569	Rhone	Lyon
570	Haute Saone	Vesoul
571	Saone et Loire	Macon
572	Sarthe	Le Mans
573	Savoie	Chambery
574	Haute Savoie	Annecy
575	Seine	Paris (MOI)
576	Seine Maritime	Rouen
577	Seine et Marne	Melun
578	Yvelines	Versailles
579	Deux Sevres	Niort
580	Somme	Amiens
581	Tarn	Albi
582	Tarn et Garonne	Montauban

583	Var	Draguignan
584	Vaucluse	Avignon
585	Vendee	La Roche-sur-Yon
586	Vienne	Poitiers
587	Haute Vienne	Limoges
588	Vosges	Epinal
589	Yonne	Auxerre
590	Territoire de Belfort	Belfort
591	Essonne	Evry
592	Hauts de Seine	Nanterre
593	Seine Saint Denis	Bobigny
594	Val de Marne	Creteil
595	Val d'Oise	Pontoise
5972	Martinique	Fort de France
5973	Guyana	Cayenne
5974	La Reunion	Saint-Denis
597?	Guadeloupe	Basse-Terre

**GERMAN POLICE**

Last update: 06/Jan/1997

**Transmission Modes:**

ARQ-E 96bd Erect 170Hz 8CRC (MOI, LKA)  
 ARQ-E 96bd Erect 85Hz 8CRC (MOI, LKA)  
 ARQ-E 72bd Erect 85Hz 8CRC (GSP)

**Logged Frequencies:**

CH	FREQ	BD	SHIFT	CID	FROM	RID	TO
8	2233.70	96	85		HHVHF Bonn		HFVHH Hamburg
1	2233.82	72	85		SHVHF Bonn		PHVSH Kiel
2	2234.16						
3	2234.50	72	85		GNVHF Bonn		HFVGN Bad Bramstedt
4	2234.84	96	85		HFVTH Erfurt		THVHF Bonn
5	2235.18						
6	2235.50	96	85		HHVHF Bonn		HFVHH Hamburg
7	2235.86	96	85		HFVBK Wiesbaden		BKVHF Bonn
8	2236.20						
1	2293.82	96	85		GWVHF Bonn		HFVGW Bonn
1	2293.82	72	85		BRVHF Bonn		HFVBR Berlin
2	2294.16						
3	2294.50	72	85		GMVHF Bonn		HFVGM KASSEL
4	2294.84						
5	2295.18						
6	2295.52	96	85		NWVHF Bonn		HFVNW Dusseldorf
7	2295.86	96	105		HFVBR Potsdam		BRVHF Bonn
8	2296.20						
1	2385.32	96	85		BKVHF Bonn		HFVBK Wiesbaden
2	2385.66	96	85		NWVHF Bonn		HFVNW Dusseldorf
3	2386.00	72	85		HEVHF Bonn		HFVHE Wiesbaden
3	2386.00	72	85		GSVHF Bonn		HFVGS Munchen
4	2386.34	72	170		PHVSH Kiel		SHVHF Bonn
5	2386.68	96	85		HFVHH Hamburg		HHVHF Bonn
6	2387.02	96	85		RPVHF Bonn		HFVRP Mainz
7	2387.36	96	85		HFVHB Bremen		HBVHF Bonn
8	2387.70	96	85		SLVHF Bonn		HFVSL Saarbrucken
1	2440.32	96	85		BRVHF Bonn		HFVBR Potsdam
2	2440.66	96	170		HFVHE Wiesbaden		HEVHF Bonn
3	2441.00						
4	2441.34						
5	2441.68	96	170		HFVRP Mainz		RPVHF Bonn
5	2442.02	96	85		GOVHF Bonn		HFVGO Berlin
6	2442.02	96	85		THVHF Bonn		HFVTH Erfurt
7	2442.36						
8	2442.70	72	85		GOVHF Bonn		HFVGO Berlin
	2671,45	96	85		HFVNW Dusseldorf		NWVHF Bonn

1	2673.32	96	85	NIVHF Bonn	PHVNI Hannover
2	2673.66	72	85	HFVGO Berlin	GOVHF Bonn
3	2674.00	96	85	HBVHF Bonn	HFVHB Bremen
4	2674.34	96	85	HFFBW Stuttgart	BWVHF Bonn
5	2674.68	72	85	HFVGS Munchen	GSVHF Bonn
6	2675.02				
7	2675.36	96	85	HFVBY Munchen	BYVHF Bonn
8	2675.70				
1	2767.82	96	85	BYVHF Bonn	HFVBY Munchen
2	2768.16	96	140	PHVNI Hannover	NIVHF Bonn
3	2768.50	96	85	GSVHF Bonn	HFVGS Munchen
3	2768.50	96	85	HEVHF Bonn	HFVHE Wiesbaden
4	2768.84	72	85	HFVGN Bad Bramstedt	GNVHF Bonn
5	2769.18	96	170	HFVSL Saarbrucken	SLVHF Bonn
6	2769.52	96	85	HFVRP Bonn	RPVHF Mainz
7	2769.86				
8	2770.20	96	85	BWVHF Bonn	HFFBW Stuttgart
	3272.92	96	85	HFVNW Dusseldorf	NWVHF Bonn
	3815.41	96	85	HFVBK Wiesbaden	BKVHF Bonn
2	3850.66	96	85	HFVHE Wiesbaden	HEVHF Bonn
5	3851.68	72	85		
7	3852.36	96	85		
1	4442.32	96	85	NIVHF Bonn	PHVNI Hannover
2	4442.66	96	85	HFVSL Saarbrucken	SLVHF Bonn
3	4443.00	96	85	HBVHF Bonn	HFVHB Bremen
4	4443.34				
5	4443.68				
6	4444.02	72	85	GNVHF Bonn	HFVGN Hamburg
7	4444.36				
8	4444.70				
1	4618.32	96	85	BKVHF Bonn	HFVBK Wiesbaden
2	4618.66				
3	4619.00	96	85	HEVHF Bonn	HFVHE Bonn
3	4619.00	96	85	GNVHF Bonn	HFVGN Hamburg
4	4619.34				
5	4619.68				
6	4620.02	96	85	RPVHF Bonn	HFVRP Mainz
7	4620.36				
8	4620.70	96	85	SLVHF Bonn	HFVSL Saarbrucken
1	4970.32				
2	4970.66	96	170	PHVNI Hannover	NIVHF Bonn
3	4971.10	96	85	BRVHF Bonn	HFVBR Potsdam
4	4971.34	72	85	HFVGO Berlin	GOVHF Bonn
5	4971.68	72	170	PHVSH Kiel	SHVHF Bonn
6	4972.02				
7	4972.36	96	85	HFVHH Hamburg	HHVHF Bonn

8 4972.70

1	4976.32	96	85	THVHF Bonn	HFVTH Erfurt
1	4977.32	96	85	BYVHF Bonn	HFVBY Munchen
2	4977.66	96	85	HFVHB Bremen	HBVHF Bonn
3	4978.00	72	85	GSVHF Bonn	HFVGS Munchen
4	4978.34				
5	4978.68				
6	4979.02	96	85	MAVHF Bonn	HFVMA Magdeburg
7	4979.36				
8	4979.70	96	85	BWVHF Bonn	HFVBW Stuttgart
1	5022.82	72	85	SHVHF Bonn	PHVSH Kiel
2	5023.16	96	85	HFVBY Munchen	BYVHF Bonn
3	5023.50	72	85	GNVHF Bonn	HFVGN Hannover
4	5023.84	96	85	HFVBR Potsdam	BRVHF Bonn
5	5024.18				
6	5024.52	96	85	HHVHF Bonn	HFVHH Hamburg
7	5024.86	96	85	HFFBW Stuttgart	BWVHF Bonn
8	5025.20				
1	5262.82	96	85	BRVHF Bonn	HFVBR Potsdam
3	5264.50	96	85	THVHF Bonn	HFVTH Erfurt
5	5265.18	72	85	GSVHF Bonn	HFVGS Munchen
5	5265.18	72	85	GOVHF Bonn	HFVGO Berlin

#### Notes on Operation:

- [SAT][SUN]
- Language: German
- The German Innenministerium (MOI) is responsible for the Landeskriminalamt (LKA or German Federal Police), and the Grenzschutzpolizei (GSP or Federal Border Police).
- The main control station is located in Bonn and uses callsign DER. The other stations are either MOI stations in the state capitals or stations of the GSP or LKA.
- Most traffic is encrypted, starting with lead-in "eeeeeeee", "vvvvvv" or combination thereof (see also German Diplomatic Service). There are however sometimes messages in the clear.
- Bonn sends a 'QVL' (link check or status) message every 4 hours on 03.00, 07.00, 11.00, 15.00, 19.00 and 23.00 UTC. Most outstations will confirm within 30 minutes after the QVL is sent.
- The triple letter group in the message header indicates the degree of urgency of the message (in order of increasing priority):
  - "EEE" = "Einfach-Meldung" = Routine
  - "SSS" = "Sofort-Nachricht" = Immediate
  - "BBB" = "Blitz-Nachricht" = Flash
  - "AAA" = "Staatsnotstand-Nachricht" = State Emergency
- Authorities of the countries and Ministries of the Interior transmit with 96 Bd and 8CRC, and Border police transmits with 72 Bd and 4CRC.
- The channel identification is formed by a 5-letter code 'AABCC' where:
  - 'AA' = addressee
  - 'B' = channel
  - 'CC' = sender
- Most of the times channel 'V' is used. There is an exception: Stuttgart uses channel 'F' for the link with Bonn.

- The MOI/LKA stations are using the same id which is a abbreviation of the name of the State or the name of the capital, i.e. Niedersachsen is 'NI'. The 2-letter id's of the GSP are 'G'+ the first letter of the allocated area, i.e. 'GW' is GSP Western Germany. The id for MOI/LKA Bonn is always 'HF' and GSP Bonn 'GW'. A typical channel id for a message on channel 'V' will therefore be 'NIVHF', which is a message from Bonn to Hannover, the capital of Niedersachsen.
- The central station is Bonn and almost all other stations communicate with each other via Bonn. This reduces the amount of equipment since there is only one circuit involved for each outstation. In order to keep the number of transmitters in Bonn to a minimum, the stations are grouped and operate in 8-channel VFT and use the USB of the transmitters. Bonn uses channels 1, 3, 6 and 8, the outstations 2, 4, 5 and 7. The channel centers are offset from the suppressed carrier by 820, 1160, 1500, 1840, 2180, 2520, 2860 and 3200Hz, spaced by 340Hz. Each group of frequencies consists of 8 channels but there are also a few isolated channels. The Dusseldorf-Bonn link for instance, uses 2671.5 kHz and operates outside a group.

### Callsigns:

The master stations of the Federal Countries (belonging to the **Federal Border Police** and the **Bundeskriminalamt**) use callsigns DER20/DER99.

Bundesstaat	Callsign	ID during tfc
Baden-Wuerttemberg	DHA20-99	BW
Bayern	DHR20-99	BY
Bonn	DER	
Bremen	DHB20-99	BR
Hamburg	DHH20-99	HH
Hessen	DHE20-99	HE
Niedersachsen	DHL20-99	NI
Nordrhein-Westfalen	DHF20-99	NW
Rheinland-Pfalz	DHG20-99	RP
Saarland	DHK20-99	SL
Schleswig-Holstein	DHQ20-99	SH

### Ziviles Grenzschutzpresidium (Civil Border Police)

South	DEL20-99	GS
Central	DEF20-99	GM
North	DEC20-99	GN
West	DEG20-99	GW
Brandenburg / Potsdam		BR
Police Academy Hamburg		PH
Dortmund		DO
BGS training group Bad Bramstedt		AG
Magdeburg ???		MA

<b>Bundesstaat / Organization</b>	<b>Code</b>	<b>City</b>	<b>Code</b>	<b>Callsign</b>
Baden-Wurtemberg	BW	Stuttgart		DHA..
Bayern	BY	Munchen		DHR..
Berlin	GO	Berlin	GO	DHL35
Brandenburg	BR	Berlin		
Bremen	HB	Bremen	HB	DHB..
Hamburg	HH	Hamburg	HH	DHH..
Hessen	HE	Wiesbaden	BK	DHE
Mecklenburg-Vorpommern		Schwerin		
Niedersachsen	NI	Hannover		DHL32
Nordrhein-Westfalen	NW	Dusseldorf		DHF..
Rheinland-Pfalz	RP	Mainz		DHG..
Saarland	SL	Saarbrucken		DHK..
Sachsen		Dresden		
Sachsen-Anhalt		Magdeburg	MA	
Schleswig-Holstein	SH	Kiel		DHQ..
Thuringen	TH	Erfurt		
Police Academy Hamburg	PH			
BGS Training Bad Bramstedt	AG			
Dortmund	DO			
GSP Nord Deutschland	GN	Hannover		DEC
GSP Sud Deutschland	GS	Munchen		DEL
GSP Ost Deutschland	GO	Berlin		DEK23
GSP West Deutschland	GW	Bonn		DEA
GSP Zentral Deutschland	GM	Kassel		DEF
GSP Deutsche Kueste	GK	Bad Bramstedt		DEH

There are lots of abbreviations used to form the address of a station. I.e. HF is MOI Bonn, HH is Hamburg, a typical "callsign" would therefore be: HFVHH, which means Bonn to Hamburg on channel 'V'. The letter 'V' in the center of the header of a message is the channel indicator; 'V' is the primary channel, 'W' would be the secondary and so on to 'Z'.

## INTERPOL

Last update: 23/Feb/1997

### Transmission Modes:

SITOR-A 100bd Erect 170Hz  
TWINPLEX 100bd Word Interleave 140Hz shift  
CW

### Frequencies:

3593.0 3714.0 3801.0 5208.0 5306.0 6792.0 6905.0 7401.0 7532.0 8038.0 8045.0 8098.0  
9200.0 10295.0 10390.0 11538.0 12225.0 13520.0 13820.0 14608.0 14707.0 14817.5 14818.0 14827.0  
15684.0 15738.0 18190.0 18379.0 18380.0 18755.8 19360.0 19405.0 21808.0 24110.0

### Notes:

- Language: English
- The International Criminal Police Organization (ICPO), Interpol, is an organization composed of 176 member countries with headquarters in Lyons, France. Interpol operates under a constitution.
- Now very few stations operational on HF, most traffic being carried by the organisation's own land-line X.400 computer network.
- Use of "jjjj:" to terminate circuit (as Spanish and Pakistani TWINPLEX equipment).
- Off-line encrypted traffic in groups of 5 with no spaces between groups and last group of is "zendz".

Callsign	Selcal	Location
TUW		Abidjan, Ivory Coast
7RA20		Algiers, Algeria
TCC2		Ankara, Turkey
ZPZ		Asuncion, Paraguay
SXP, SYZ		Athens, Greece
		Bangui, Central African Republic
HSQ		Bangkok, Thailand
ODW23		Beirut, Lebanon
4NX7		Belgrade, Serbia
		Bogota, Colombia
ONA20		Brussels, Belgium
YO29		Bucharest, Romania
AYA		Buenos Aires, Argentina
SUI		Cairo, Egypt
YVZ		Caracas, Venezuela
		Columbo, Sri Lanka
OWS		Copenhagen, Denmark
		Dakar, Senegal
		Djakarta, Indonesia
OGX		Helsinki, Finland
	IPIM	Islamabad, Pakistan
		Kuala Lumpur, Singapore
5OP		Lagos, Nigeria
CSJ		Lisbon, Portugal
GMP		London, UK
LXF		Luxembourg
FSB		Lyon, France
EEQ		Madrid, Spain
5YG		Nairobi, Kenya
8UF	IPIS	New Delhi, India



5BP		Nicosia, Cyprus
LJP		Oslo, Norway
XJE		Ottawa, Canada
FSB		Paris, France
		Pretoria, South Africa
CNT		Rabat, Morocco
IUV		Rome, Italy
BCP	IPIX	Shanghai, China
SHX		Stockholm, Sweden
EP5		Teheran, Iran
4XP		Tel Aviv, Israel
JPA	IPIV	Tokyo, Japan
"ITL"		Tripoli, Libya
3VA		Tunis, Tunisia
PDB		Utrecht, Netherlands
OEQ		Vienna, Austria
DEB		Wiesbaden, Germany
HEP		Zuerich, Switzerland
?	IPBC	
?	IPBQ	
?	IPCQ	
?	IPDX	
?	IPEC	
?	IPSG	
?	IPUS	
?	IPUX	
?	IPUY	
?	IPXX	

## ITALIAN CARBINIERE

Last update: 05/Jan/1997

### Transmission Modes:

USB

ITA-2 50bd Erect 170Hz

RS-ARQ 227.8bd 170Hz (tentative)

RS-ARQ 241bd 8-tone MFSK (tentative)

### Reported Frequencies:

4602.0 4765.0 4877.7 5025.0 5075.0 5385.7 5395.0 5761.0 6747.0 6811.8 7595.7 7598.0  
8056.0 19340.0

### Notes on Operation:

- [SAT][SUN]
- Language: Italian
- The Carabinieri is a special army corps. They have both military and civilian duties and operate under the control of the Ministry of Defense. They are present in every Italian town.
- NATO-style message formatting observed for most operational traffic.
- Bit-inversion is also used.

Callsign	Mnemonic	Location
IUU	RIFA	Carabinieri Rome
IEA 20	RIFA	Carabinieri Rome
IEA 21		Carabinieri Turin
IEN 21		Carabinieri Padova
IEN 37		Carabinieri Gorizia
IET xx		

**GUARDIA DI FINANZA / ITALIAN FINANCE POLICE**

Last update: 05/Jan/1997

**Transmission Modes:**

USB

ITA-2 50bd Erect 170Hz, bit inversion.

SITOR-A 100bd

RS-ARQ 227.8bd 170Hz (tentative)

RS-ARQ 241bd 8-tone MFSK (tentative)

**Frequencies:**2456.0 2747.0 3365.0 3873.0 5160.0 5190.0 5300.0 6465.0 6812.0 7650.0 8110.0 9303.0  
10506.5 11541.0**Notes on Operation:**

- [SAT][SUN]
- Language: Italian
- The Guardia di Finanza (Guarfi) is a special, finance crime-oriented police force under the control of the Ministry of Finance.
- They investigate and tax declarations, VAT, customs and excise duties, contracts and licences.

**Callsign Selcal Location**

IER 20 Guarfi Rome

IER 23 Guarfi Genoa

IER 27 Guarfi Venice

## ITALIAN POLIZIA

Last update: 05/Jan/1997

### Transmission Modes:

USB

ITA-2 50bd Erect 170Hz, bit inversion.

SITOR-A 100bd

RS-ARQ 227.8bd 170Hz (tentative)

RS-ARQ 241bd 8-tone MFSK (tentative)

### Frequencies:

4487.8 4492.2 4802.8 4805.8 4833.8 4837.8 4840.8 4847.8 4877.8 5082.8 5085.8 5587.8

5735.8 5810.0 7595.8 7795.8

### Notes on Operation:

- [SAT][SUN]
- Language: Italian
- The Italian Polizia operate under the control of the Ministry of Interior and are stationed in the main towns and cities of each major province.
- They report locally to the Questore (chief of police) who represents the Ministry of Interior.

<u>Callsign</u>	<u>Selcal</u>	<u>Location</u>
IPR 34	VQIR	Genoa
IPR 44	VQIT	Rome
IPR 36	VQUO	Milan
IUV 41	VQUD	Rome
IVV	VQRU	Rome
	VQER	
	VQET	
	VQZT	

## MOZAMBIQUE MOI

Last update: 03/Jan/1997

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

**Frequencies:** 10445.0 11625.0

### Notes on Operation:

- [SAT][SUN]
- Language: Portuguese
- Probable mixed MOI network linking police and local (provincial) government law enforcement operations. Similar to the Nigerian MOI "LYNX" network.
- QSO begins with SITOR-A selcal or SITOR phasing bursts and "LCH" in CW before selcal.
- On receiving appropriate selcal, receiving station offers "\$" and sending station responds with 5 digit translation of its selcal. The connection is then made and messages passed.
- QSO terminates with "recebida terminado +?" followed by a number of repetitions of "LCH" in CW and SITOR phasing bursts.
- Distinctive, and unusual off-line encryption scheme uses mixed letters and figures in groups of 5, the first group of which is often "LLLLL".

### Selcals:

Note that selcals all begin "999" and follow logical order if translated to 5 digits.

### Selcal No. Location Connection Response String

SSIB	99951		
SSBB	99911	Delgado	
SSBT	99910		
SSBU	99912	Niassa	"\$99912 pol lch"
SSTB	99901	Maputo	"\$99901 pol mpt"
SSTD	99908		
SSTZ	99907		
SSSX	9991		
?	?	Nampula	"9???? pol npl"

### Message Originators/Recipients:

A/C C/ Delgado	RP-Nampula
A/C Maputo	Departamento Central de Comunicacoes Maputo
Estado Maior Commando General Maputo	DPC-Nampula
Estado Maior Nampula	D.N.C-Amint-Maputo
Estado Maior Provincial-DIP-Niassa	D.P.C-PRM-Tete
Estado Paior Central-DIP-Maputo	Dip Estado Maior Comando Geral Prm Maputo
Direccao Nacional do Pessoal Maputo	Dip Estado Maior Comando Provincial Prm Niassa
Direccao Nacional do Pessoal Mint Maputo	DPRH C/Delgado
Direccao Provincial do Pessoal do Niassa	DRH Mint. Maputo
Direccao Provincial da Pic-Nampula	DPRH Cabo-Delgado
Direccao Provincial da Pic-Maputo	Todos Comandos Provinciais da P.R.M.
Comandante Provincial da PRM-Nampula	Direccao de Administracao do Comando Geral
CIP-Cidade do Maputo	Mint. Maputo

## PORTUGUESE POLICE "CSP"

Last update: 30/Dec/1996

### Transmission Modes:

SITOR-A 100bd Erect & Inverted 170Hz

SITOR-B 100bd Erect & Inverted 170Hz

USB Voice

LSB Voice

### Frequencies:

3082.2 3206.8 3278.8 3282.2 5049.2 7964.2 9981.5 9983.2

### Notes:

- Language: Portuguese
- Typical MOI Police operation.
- Traffic in plain language, call-up in USB or SITOR-A, traffic in SITOR-B.
- Occasional relaying of Interpol reports by HQ to selected regions.
- No use of encryption noted thus far.
- Frequencies referred to by "F" plus digits:  
3282.2 F2  
5049.2 F11
- Channels are often communicated on-air, as follows:  
vamos mudar para canal 2  
banda lsb  
freq/a 3280.5
- Messages end with the 5 digit translation of the selcal followed by the code name for the station sending the traffic. For example, selcal VVUX belongs to Comger PSP, Lisbon, thus traffic ends: "nnnn 20021 comgerpsp" Where 20021 is the 5 digit translation of selcal VVUX, and "comgerpsp" the codename ID for Comger PSP, Lisbon.
- Sub-ordination is indicated through the use of a number appended to the station location/name and a one-up numbering scheme in order of decreasing seniority (ie 4301, 4302...).

### Dictionary:

Ce	Center
Cd	Command
CM	Military command
Comger	General command
CP	Command post
Div	Division
Esq	Squad/squadron
Naoclas	Unclassified
PSP	Portuguese national police
Sec	Section

<b>Call</b>	<b>Selcal</b>	<b>No.</b>	<b>ID</b>	<b>Station</b>
CSP20	VVUV			Che Santarem, CG PSP Diops/Do
CSP21	VVUX	20021	comgerpsp	CM Lisboa, CM Porto, CG PSP, Supintger
CSP22	VVUQ			Cometlis-SS
CSP24	VVUM			CD Metro Lisboa, CM Lisboa
CSP24	VVUM			Esqs da Pavao, Sao Tirso
CSP26	VVUC		cdprt	CM Porto, CE Cent TMS
CSP30	VVEV		cdcbr	CD Coimbrau, CP Coimbra, SEC Figueira Foz
CSP31	VVEX		cdctb	CP Castelo Branco
CSP32	VVEQ		cdvrl	Chaves, CP Vila Real
CSP33	VVEK		cdptg	Portalegre, SEC Elvas
CSP34	VVEM		cdlra	CP Loura, CD Loura, SEC Caldas da Rainha
CSP35	VVEP		cdvsu	CP Viseu, CD Viseu, SEC Lamego
CSP36	VVEC		cdbrg	SEC Guimaraes, CP Braga
CSP37	VVEY		cdgrd	CP Guarda
CSP38	VVEF	20038	cdstr	CP Santarem
CSP39	VVES		cdbgc	CP Braganca
CSP40	VVOV		cdpdl	CR Ponta Delgada
CSP42	VVOQ		cdstb	Div Almada, CP Setubal
CSP43	VVOK		cdfar	CP Faro, DIV Aer
CSP44	VVOM		cdbej	CP Beja
CSP46	VVOC		cdavr	CP Aveiro, SEC Espinho
CSP47	VVOY			CP Viana do Castelo
?	?			SEC Tomar
?	?			Barriero

**TURKISH POLICE, BOSNIA**

Last update: 23/Feb/1997

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

**Frequencies:** 10800.0 11000.0 11201.7

**Notes on Operation:**

- [SAT][SUN]
- Language: Turkish
- Turkish Police stationed in Bosnia to help with repatriation of refugees after the cessation of civil war.

<b>Selcal</b>	<b>Location</b>
TVVC	V. Kladusa
TVVV	
TVSV	
VVSV	