



Monitoring System

- IARUMS Region 1 -

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The monthly newsletter for Region 1

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Acknowledgements

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++ G3VZV – Graham (satellite intrusions) ++ DK4VW - Ulli (DARC-HF-Department) ++
++ DJ7KG - Georg (beacons) ++ DF5SX - Wolfgang (BC) ++ DARC (server support) ++
++ German PTT ++ British PTT ++ Spanish PTT ++ Finnish PTT ++ other European PTTs ++
++ IARU Region 1 assistance ++

Part 1: News and infos

Part 2: Detailed reports from the national co-ordinators

Important Links – now available on <http://www.iarums-r1.org>

Soundfiles – now - <http://www.iarums-r1.org>

Latest Intruder News – often updated - <http://www.iarums-r1.org> –

Part 1: News and infos

1. 21150.9 kHz – uniden carrier no longer active

The carrier diappeared. Thanks to the German PTT (BNetzA) for solving the problem.

2. DPRK-FSK on 14038.5 and 14248,5 kHz

The North Korean embassy in Tripolis (Libya) is still abusing the 14 MHz-band daily.

14038.5 kHz: daily at 1800 utc --- FSK, 600 Bd, 600 Hz shift ---

14248.5 kHz: daily at 1200 utc --- FSK, 1200 Bd, 625 Hz shift --- new system!

3. 28000 – 29700 CIS taxi cabs, many Spanish, French and Italian CB like intruders

CIS taxi cabs are audible again in FM. Most of them seem to transmit from Ukraine and Belorussia.

They are not regarding any HAM traffic as usual. You can hear the base station operated by a woman and the husband in the taxi. Sometimes you can hear the telephone dial tones, too.

Much CB like traffic was heard from France, Spain and Italy in AM and FM.

4. 28105.0 kHz – 28285 kHz - Catholic Divine Service

DJ9KR found a Catholic Divine Service on 28105 kHz in FM. The transmissions are daily audible after 0900 utc, if the band is open. The broadcast are for for sick or handicapped people unable to attend the Divine Service – The transmitters are working in AM or FM (4 Watts).

DJ9KR informed the Irish Radio Club, DK2OM informed the German PTT.

5. 14262.0 Uniden carrier

We found a carrier on 14262 kHz transmitting with many interrupts. The location is the area of Smolensk.

6. 14001.7 Uniden Pactor

We observed a Pactor system on 14001.7 kHz. The ident was "HOUFOUF2". Further observations will be necessary. Possibly ARS.

7. Spanish Pirate Invasion

7000, 14000, 14014.5, 14100, 14320, 14350, 21000, 21100 **USB** – Spanish fishery and family traffy, daily, varoius times!

8. DL8AAM – ALE-Expert

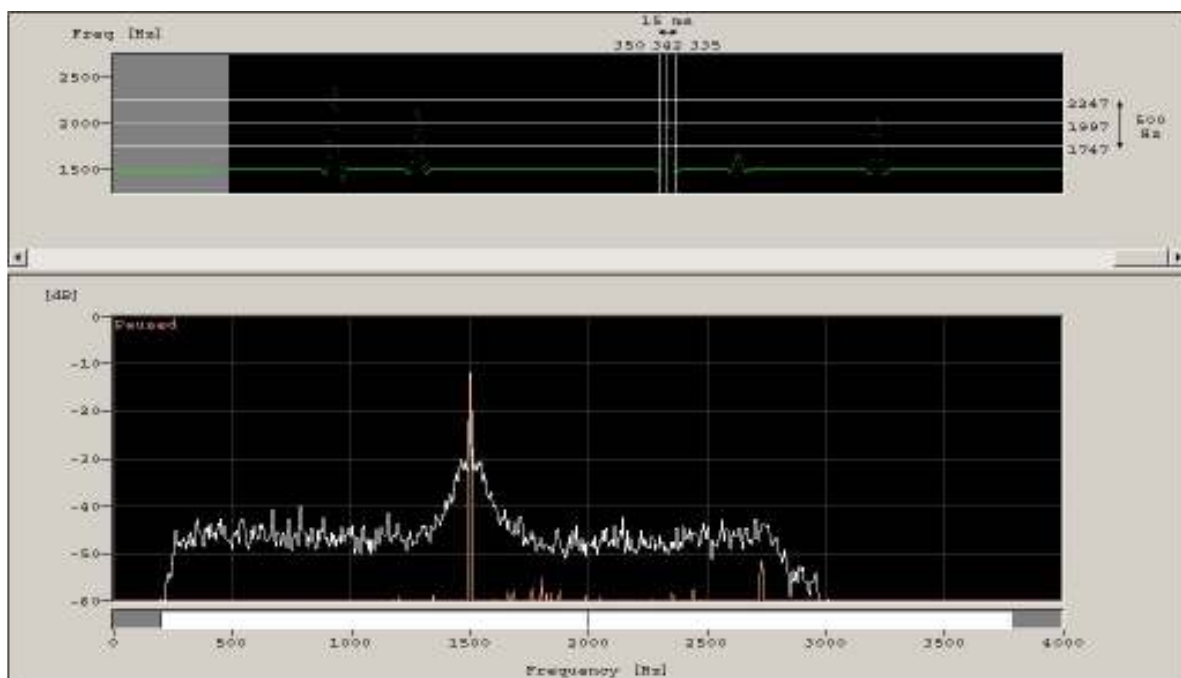
DL8AAM (Tom) is now responsible to the ALE intrusion affairs. Welcome to our team, dear Tom!

9. Homepage IARUMS Region 1 <http://www.iarums-r1.org>

Homepage IARUMS Region 2 <http://www.iaruregion2.org>

Homepage IARUMS Region 3 <http://www.jarl.or.jp/iaru-r3/ms/r3msnl.htm>

Carrier on 14262 kHz with many interrupts – analyzed by the Wavecom W61 Decoder



Part 2: Detailed reports from the national Co-ordinators

dly = daily ... vt = various times ... vd = various days ... pps = pulses per second (radar systems) ... BD = Baud
 ... SH = Shift ... J3E-U = USB ... J3E-L = LSB ... MIL = military ... NGO = non governmental organization
 MM = month ... DD = day ... ITU = ITU abbreviation ... PRC = People Republic of China ...
 PLA = people's liberation army ... MFA = Ministry for Foreign Affairs

ARSK – Kenya – 5Z4NU (Ted)

DARC – Germany – Part 1 – DJ9KR (Ui) / DK2OM (Wolf)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	3541,0	vt	vd	07	A3E	F	Amateurs	French Amateurs in plain spoken voice, disregard of IARU rules, heard 05 11 at 0458, 0638
DARC	7000,0	2200	08	07	J3E-U	E	UiILL	Galician fishery
DARC	7000,0	0728	20	08	J3E-U	I	UiILL	Italian male person
DARC	7000,0	1305	25	07	J3E-U	E	UiILL	male to female in Spanish voice
DARC	7000,0	vt	vd	07	J3E-L	I	Amateurs?	strange traffic in Italian, as SSB-LSB is Out-Of-Band-Operation - splatters into ham band with suppressed USB - the persons claim to be licensed Amateurs (sic!)
DARC	7000,0	vt	vd	07	J3E-U	E	UiILL	Spanish fishery heard 21 30 at 1939, 0710
DARC	7000,0	vt	vd	07	J3E-L	I	Amateurs?	Italian amateurs using LSB, heard 29 30 at 1535, 1509 - is out-of-band operation!!!
DARC	7001,0	1522	30	07	J3E-L	I	Amateurs?	Italian amateurs using LSB, - is out-of-band operation!!!
DARC	10101,0	1913	24	07	J3E-U		UiILL	unid pirates
DARC	10101,0	vt	vd	07	J3E-U	MRC	UiILL	Moroccan pirates, heard 18 19 at 2200, 1928
DARC	10114,0	1933	18	07	J3E-U	MRC	UiILL	from 14101, always changing between 10114 and 14101
DARC	10121,4	1921		07	J3E-U	MRC	UiILL	pirates in Ar language
DARC	10125,0	1835	10	07	J3E-U	E	UiILL	2 male persons
DARC	10126,0	1741	01	07	A3E		UiILL	male voice, spoken 5-er-groups, heard 1741 - 1751
DARC	10126,0	1744	15	07	A3E		UiILL	encrypted messages, 5-er groups spelling, male voice
DARC	10134,0	2111	15	07	J3E-U	E	UiILL	unid pirates in Spanish voice
DARC	10139,0	0627	06	07	J3E-U	F.Ea	UiILL	unid male persons
DARC	10140,0	2058		07	J3E-U	MRC	UiILL	pirates in Ar language
DARC	10150,0	1913	08	07	J3E-U	MRC	UiILL	Ar net
DARC	14000,0	1748		07	J3E-U		UiILL	male voices
DARC	14000,0	2051	04	07	J3E-U	CIS	UiILL	pirates in Russian voice
DARC	14000,0	1524	09	07	J3E-U		Laila	male person calling "hello Laila"
DARC	14000,0	1658	10	07	A3E	ISR	Yankee Hotel Foxtrot	female voice with roundslip - is Mossad!
DARC	14000,0	1857	15	07	J3E-U	MRC	UiILL	pirates
DARC	14000,0	0559	18	07	J3E-U	MEA	UiILL	Ar male net, roger beep, QTE 120 degs.
DARC	14000,0	1607	23	07	J3E-U	F	UiILL	male person in French voice
DARC	14000,0	1630	25	07	J3E-U	MRC	UiILL	OP Ahmed, Ar voice - from 21000
DARC	14000,0	2020	26	07	J3E-U	B	UiILL	pirate net
DARC	14000,0	vt	vd	07	J3E-U	INS	UiILL	large and active net heard all month 1245 1856 - 10 reports
DARC	14000,0	vt	vd	07	A3E	ISR	Juliet Sierra Romeo	female voice, heard 08 09 at 1628, 1511 - is Mossad!
DARC	14000,0	vt	vd	07	J3E-U	B	UiILL	Brasilian pirates heard 10 13 at 2104, 2126
DARC	14000,0	vt	vd	07	J3E-U	E	UiILL	Spanish fishery heard 19 26 at 0854, 1830
DARC	14000,0	vt	vd	07	J3E-U	E	UiILL	Spanish family traffic, male to female, reported to KON, heard 24 31 at 0856, 0900
DARC	14000,6	0814	23	07	J3E-L	CIS	UiILL	Russian pirates, LSB used

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	14001,0	1610	02	07	J3E-U		Juliet Papa	male pirates
DARC	14002,0	1425	20	07	J3E-U	CIS	UiILL	pirates in Russian voice
DARC	14014,5	vt	vd	07	J3E-U	E	UiILL	Spanish fishery, heard 11 30 at 1452, 2009
DARC	14062,0	1211	06	07	A3E	E	UiILL	male net
DARC	14092,7	0710	04	07	J3E-U	SAs	UiILL	2 male persons in Asiatic voice
DARC	14099,7	0629	06	07	J3E-L	CIS	UiILL	pirates, using LSB
DARC	14100,0	1946	05	07	J3E-U	CIS	UiILL	Russian male traffic, no hams - beacon QRG!
DARC	14100,0	0640	10	07	J3E-U	INS	UiILL	Indonesian pirates, singing
DARC	14100,0	0858	25	07	J3E-U	E	UiILL	Spanish fishery
DARC	14100,0	2102	27	07	J3E-U	F	UiILL	French pirates, engine noise (truckers, fishery???)
DARC	14100,0	vt	vd	07	J3E-U	E	UiILL	Spanish fishery, Galician dialect, engine noise - heard 12 13 at 2051, 2001
DARC	14101,0	vt	20	07	J3E-U	MRC	UiILL	2 male persons in Arabic and French, one person has a shrieky voice - heard 0735 - 0742
DARC	14101,0	vt	vd	07	J3E-U	MRC	UiILL	Moroccan pirates, heard 15 16 18 at 2014, 1939, 1931
DARC	14288,0	vt	20	07	J3E-U	J	UiILL	2 male persons in Japanese voice, heard 0748 - 0755
DARC	14310,0	2031	12	07	J3E-U	E	UiILL	Spanish pirates, male to female
DARC	14320,0	1948	26	07	J3E-U	E	UiILL	Spanish family traffic, male to female, at last to 14414 LSB
DARC	14350,0	0958	29	07	J3E-U	E	UiILL	Spanish fishery, mentioning "barco" (= ship)
DARC	14350,0	vt	vd	07	J3E-U	E	UiILL	Spanish pirates, male to female, heard 12 26 30 at 2028, 1904, 2007
DARC	21000,0	1628	25	07	J3E-U	MRC	UiILL	OP Ahmed, Ar voice - to 14000
DARC	21000,0	1946	26	07	J3E-U	E	UiILL	Spanish fishery, from 14350!
DARC	21018,0	2012	20	07	J3E-U	E	UiILL	Spanish fishery, engine noise
DARC	21021,0	2202	19	07	J3E-U	E	UiILL	Spanish fishery
DARC	21021,0	2024	20	07	J3E-U	E	UiILL	Spanish fishery, engine noise
DARC	21070,0	2035	09	07	J3E-U	E / POR	UiILL	pirates in Portuguese or Galician voice
DARC	21111,0	vt	vd	07	J3E-U	MRC	UiILL	pirates in Ar language heard 04 05 08 at 1843 - 1951
DARC	21135,0	2031	20	07	J3E-U	E	UiILL	Spanish fishery, engine noise
DARC	21151,5	1951	18	07	J3E-U	MRC	UiILL	Moroccan pirates, from 14101
DARC	21445,0	2130	20	07	J3E-U	E	UiILL	Spanish fishery, engine noise
DARC	28000,0	0906	24	07	F3E	F	UiILL	French CB-ers
DARC	28000,0	vt	vd	07	F3E	CIS	UiILL	taxi cabs daily all day at various times 28000 - 29700
DARC	28005,0	1441	09	07	A3E	POR	UiILL	2 male persons in Portuguese voice
DARC	28005,0	1621	24	07	A3E	E	UiILL	2 Spanish male persons
DARC	28015,0	1526	18	07	A3E	I	UiILL	CB-ers in Italian voice
DARC	28035,0	1446	09	07	A3E	E	UiILL	2 Spanish male persons
DARC	28044,0	1327	06	07	A3E	E	UiILL	male net, mike with echo chamber
DARC	28052,0	1121	24	07	A3E	E	UiILL	net in Spanish voice
DARC	28055,0	1534	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28055,0	1543	05	07	A3E	E	Pocholo	male person located "Santander, Galicia" - with "Modelo"
DARC	28055,0	1546	05	07	A3E	E	Modelo	male person located Valencia, with "Pocholo"
DARC	28059,0	1014	03	07	A3E	CIS	UiILL	traffic in Russian, taxi cabs?
DARC	28075,0	1645	24	07	A3E	E	UiILL	2 Spanish male persons
DARC	28085,0	0759	03	07	A3E	E	UiILL	2 male persons in Spanish, S9-signal!
DARC	28085,0	1441	04	07	A3E	E	UiILL	Spanish CB-ers
DARC	28085,0	1355	05	07	A3E	E	UiILL	Spanish male person
DARC	28085,0	1534	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28085,0	0928	30	07	F3E	CIS	UiILL	net in Russian voice, taxi cabs?
DARC	28104,5	vt	21	07	NON	IRL	Roman Catholic Divine Service	carrier heard

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	28105,0	0750	03	07	A3E	E	UiILL	Spanish male person
DARC	28105,0	0642	04	07	A3E	E	UiILL	Spanish male person
DARC	28105,0	1420	05	07	A3E	E	UiILL	Spanish male to female person
DARC	28105,0	1534	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28105,0	vt	08	07	F3E	IRL	Roman Catholic Divine Service	Roman Catholic Divine Service heard 0900 - 0945, is Wireless Public Address System (WPAS) on illegal frequency
DARC	28105,0	vt	10	07	F3E	IRL	Roman Catholic Divine Service	Roman Catholic Divine Service heard 0900 - 0913, is Wireless Public Address System (WPAS) on illegal frequency
DARC	28105,0	2131	11	07	F3E	E	UiILL	Spanish CB-ers, male persons
DARC	28105,0	0953	15	07	F3E	IRL	UiILL	Catholic Divine Service, location (BNetzA) is south of Dublin
DARC	28105,0	vt	15	07	F3E	IRL	Roman Catholic Divine Service	Roman Catholic divine service heard 0915 - 1140. Location is Dublin.
DARC	28105,0	vt	22	07	F3E	IRL	Roman Catholic Divine Service	Roman Catholic divine service heard 0900 - 0915. Location is Dublin.
DARC	28105,0	1631	24	07	A3E	E	UiILL	2 Spanish male persons
DARC	28105,0	1036	28	07	F3E	IRL	Roman Catholic Divine Service	Roman Catholic divine service. Location is Dublin.
DARC	28125,0	1635	24	07	F3E	E / POR	UiILL	large net in Portuguese (or Galician?) voice, male persons
DARC	28135,0	1419	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28135,0	1534	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28135,0	vt	05	07	A3E	E	UiILL	2 Spanish male persons heard 1401 - 1412
DARC	28135,0	0915	15	07	F3E	POL	UiILL	Polish CB-ers
DARC	28135,0	1628	24	07	A3E	E	UiILL	2 Spanish male persons
DARC	28155,0	1419	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28155,0	1400	06	07	A3E	E	UiILL	net in Spanish voice, roger beep and echo chamber
DARC	28155,0	1441	09	07	A3E	E	UiILL	male to female in Spanish voice
DARC	28155,0	1021	11	07	A3E	E	UiILL	Spanish truckers
DARC	28165,0	0753	03	07	A3E	E	Pollo Loco ?	OP José, Barcelona
DARC	28165,0	1722	14	07	F3E	F	UiILL	2 male persons in French voice
DARC	28175,0	0933	14	07	A3E	CIS	UiILL	taxi cabs
DARC	28185,0	1042	28	07	F3E	CIS	UiILL	taxi cabs
DARC	28205,0	0745	03	07	A3E	E	UiILL	Spanish male person
DARC	28205,0	1420	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28205,0	1546	11	07	F3E	F	UiILL	French CB-ers
DARC	28205,0	1924	17	07	F3E	F	UiILL	pirates in French voice, engine noise in background (truckers, fishery???)
DARC	28214,0	0637	28	07	A3E	E	UiILL	net in Spanish voice
DARC	28215,0	1547	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28223,0	1632	14	07	F3E	F	F5SN	roundslip in spoken voice "Beacon Ten F5SN JN27 RB 5 Watts"
DARC	28245,0	1548	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28255,0	1420	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28255,0	0634	06	07	F3E	F	UiILL	CB-ers in French voice
DARC	28265,0	0749	03	07	A3E	E	UiILL	Spanish male person
DARC	28265,0	1534	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28265,0	1427	24	07	A3E	F	UiILL	French CB-ers
DARC	28285,0	1036	28	07	F3E	IRL	Roman Catholic Divine Service	Roman Catholic divine service, English language. Location is unknown yet.

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	28305,0	1403	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28305,0	1534	05	07	A3E	E	UiILL	2 Spanish male persons
DARC	28305,0	1441	09	07	A3E	E	UiILL	2 Spanish male persons
DARC	28305,0	1851	11	07	A3E / F3E	E	UiILL	Spanish CB-ers, male persons
DARC	28404,0	1355	06	07	A3E	F	UiILL	net in French voice
DARC	28725,0	1015	21	07	F3E	CIS	UiILL	taxi cabs
DARC	28205,0	0918	25	07	F3E	TUR	UiILL	Turkish CB-ers

DARC – Germany – Part 2 – DJ9KR (Ui) / DK2OM (Wolf)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3545,0	1922	24	07	FSK8	ALG	UiMUX	125	1750	ALE, idents VR4 - VR52; Algerian Military
DARC	3756,0	1929	23	07	A3E	UKR	"The Pip"			pips, MIL in Ukraine, purpose unknown
DARC	7000,0	1254	04	07	FSK8	I	UiMUX			ALE, idents 260, 2011, 251 - is Italian "Corpo Carabinieri"-Net, daily
DARC	7000,0	1742	08	07	N0N		UiCAR			carrier
DARC	7000,0	2049	08	07	XXX		UiMOD			wideband noise
DARC	7000,0	1452	09	07	N0N		UiCAR			carrier
DARC	7000,0	2150	13	07	A3E	BLR	Radio Belarus			IM of 7105
DARC	7000,0	vt	vd	07	A3E	BLR	Radio Belarus			splatters or IM of Radio Belarus on 7105
DARC	7000,0	vt	vd	07	A3E	BLR	Radio Belarus			IM from Radio Belarus, heard 02 05 17 18 at 1748 - 2125
DARC	7001,5	vt	vd	07	FSK8		UiMUX			unid CLOVER-2000, 8 x 63,5 Bd, heard 02 04 05 at 1529, 0724, 1534 tent. Ital. Carabinieri
DARC	7003,0	0730	31	07	FSK8		UiMUX			ALE, idents T01147 - is US Army Aviation (1-147 th), Camp Bondsteel, Kosovo; daily
DARC	7010,0	1946	15	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	7020,0	1641	29	07	G7B		UiMUX			frequency hopper
DARC	7038,0	0845	14	07	F1B	RUS	UiPTR	81	250	unid printer system 81
DARC	7038,7	1211	01	07	A1A	UKR	beacon D Sevastopol			located Sevastopol, Russian Navy, Black Sea Fleet HQ
DARC	7038,8	vt	vd	07	A1A	RUS	beacon P Kaliningrad			located Kaliningrad, Russian Navy, Baltic Sea Fleet HQ; heard daily 0646 - 2112, 10 reports
DARC	7038,9	vt	vd	07	A1A	RUS	beacon S Murmansk			located Murmansk (Severomorsk), Russian Navy Northern Fleet HQ, daily 1630 - 2100, 18 reports
DARC	7039,0	vt	vd	07	A1A	RUS	beacon C Moscow			located Moscow, Russian Navy HQ; heard daily at 0650 - 1837, 12 reports
DARC	7039,6	0851	01	07	A1A	I	IZ3DVW / BEACON			heard 01 04 at 0651 - 0952
DARC	7045,0	2022	02	07	FSK8	GEO	UiMUX			ALE, idents "1GS", "8GS", "2BR" - is Georgian MIL
DARC	7054,0	vt	vd	07	F1B	RUS	UiPTR	50	250	very active and harmful station, located Novgorod, heard 01 - 16

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										at 1900 - 2130
DARC	7057,1	1941	02	07	A1A	CHN	L9CC			roundslip
DARC	7057,2	2038	01	07	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7057,5	2034	05	07	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7065,1	2050	21	07	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7066,4	1953	04	07	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7067,4	2113	26	07	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7067,5	2123	17	07	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7068,1	2014	23	07	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7068,8	1959	24	07	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7070,0	2104	29	07	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7090,0	vt	vd	07	A3E	BLR	Radio Belarus			splatters of Radio Belarus on 7105 down till 7090
DARC	7092,0	1929	17	07	A3E	BLR	Radio Belarus			splatters from 7105
DARC	7100,0	vt	08	07	A3E	KOR	Radio Korea (North)			French px (1831); typical mx (1931)
DARC	7100,0	0734	28	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	7100,0	vt	vd	07	A3E	ERI	Voice of the Broad Masses			"Horn of Africa"-music daily 1549 - 1729
DARC	10112,0	0948	01	07	G7B	TUR	UiMUX			STANAG-4285, 2k4, 8PSK - is Turkish MIL, permanent
DARC	10113,0	0610	20	07	F1B		UiPTR			unid printer
DARC	10114,7	0610	03	07	F1B	RUS	UiPTR	96	1000	system CIS-14, daily
DARC	10117,0	1545	11	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	10118,0	1335	14	07	F1B	RUS	UiPTR	40,6	250	printer system FROST-1
DARC	10120,0	1957	24	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	10120,0	0922	27	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	10124,0	vt	vd	07	F1B	RUS	UiPTR	50	200	unid printer heard 06 08 at 1911, 1830
DARC	10125,0	1038	11	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	10125,0	vt	vd	07	FSK8	MEa	UiMUX			ALE, ident S25, is US-MIL, heard 15 1917 - 2115
DARC	10130,0	0942	24	07	P0N	G / CYP	Cyprus OH-Radar			British Radar Akrotiri, 50 pulses per second (pps)
DARC	10131,0	2128	27	07	F1B	RUS	UiPTR	75	250	unid printer
DARC	10131,5	0614	18	07	F1B	RUS	UiPTR	40,6	250	printer system FROST-1
DARC	10133,0	1224	03	07	VSCR		UiMUX			THALES-TRC-3600
DARC	10133,8	2130	15	07	FSK		UiPTR	46,2	170	system ARQ-E
DARC	10134,0	1606	28	07	FSK8	M.Ea	UiMUX			ALE, ident T45MED, US Army Aviation (45th Medical Co), Mid' East
DARC	10135,0	1912	06	07	G7B		UiMUX			frequency hopper
DARC	10135,0	1304	25	07	F1B	RUS	UiPTR	81	250	unid printer system 81
DARC	10140,0	1859	18	07	P0N	G / CYP	Cyprus OH-Radar			British Radar Akrotiri, 50 pulses per second (pps)
DARC	10140,0	0708	29	07	P0N	G / CYP	Cyprus OH-Radar			British Radar Akrotiri, 50 pulses per second (pps)
DARC	10141,0	0628	06	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	10145,0	1714	23	07	J7D	RUS	UiMUX			12-tone, AT-3004-D

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	10150,0	1540	04	07	FSK34		UiMUX	40		34-tone-modem, multitone
DARC	10150,0	1610	21	07	P0N	G / CYP	Cyprus OH-Radar			British Radar Akrotiri, 50 pulses per second (pps)
DARC	13970,0	0733	05	07	A3E	CHN	Hainan Firedragon			is active, just info!
DARC	14000,0	2042	01	07	F1B	EGY	UiMUX	300	820	EGY telemetry, daily, various times
DARC	14000,0	1918	04	07	G7B		UiMUX			frequency hopper
DARC	14000,0	1041	10	07	N0N		UiCAR			unid carrier
DARC	14000,0	2152	20	07	G7B		UiMUX			frequency hopper
DARC	14000,0	2154	31	07	P0N	G / CYP	Cyprus OH-Radar			British Radar Akrotiri, 50 pulses per second (pps)
DARC	14001,7	1420	18	07	FSK	ALG	UiPTR			PACTOR-1, mentioning "Hofouf 2"
DARC	14001,8	1525	09	07	FSK		UiPTR	100	170	CODAN, idents 1157, 0347
DARC	14007,0	1340	05	07	F1B		UiPTR			printer
DARC	14008,0	0600	18	07	F1B	RUS	UiPTR	50	250	unid printer
DARC	14008,0	vt	vd	07	F1B	RUS	UiPTR	50	250	unid printer located Moscow, heard 12 23 at 0740, 0740
DARC	14015,0	1630	11	07	A3E		UiBC			distorted modulation, BC?
DARC	14026,0	vt	vd	07	J7D	RUS	UiMUX			12-tone, AT-3004-D, heard 08 10 13 17 18 at 0738 - 0911 - daily active
DARC	14028,0	0734	16	07	F1B	RUS	UiPTR	75	250	unid printer
DARC	14035,0	vt	vd	07	A3E		UiBC			IM, heard 18 23 at 1143, 1059
DARC	14036,6	1820	01	07	J7D	CHN	UiMUX			Chinese 16-tone modem
DARC	14038,5	vt	vd	07	FSK	LBY	North Korean Emba Libya	600	600	system DPRK-FSK600 - heard daily all month 1750, 1800, 2000
DARC	14052,0	0936	03	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	14065,0	0645	26	07	G7B		UiMUX			frequency hopper
DARC	14068,0	0739	03	07	F1B		UiPTR			fast reversals
DARC	14081,0	0842	02	07	F1B	RUS	UiPTR	75	250	unid printer
DARC	14081,0	0743	12	07	F1B	RUS	UiPTR	75	250	unid printer
DARC	14086,0	0746	01	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	14088,0	2041	19	07	FSK8		UiMUX			ALE, idents 120 and 12003
DARC	14091,0	vt	vd	07	J7D	RUS	UiMUX			12-tone system AT-3004-D, heard 04 05 06 at 0715, 0835
DARC	14092,0	0735	05	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	14100,0	1952	15	07	G7B		UiMUX			frequency hopper
DARC	14100,0	1314	31	07	F1B	RUS	UiPTR	75	250	unid printer
DARC	14104,0	0940	01	07	F1B	UKR	UiPTR	75	250	unid printer
DARC	14104,0	vt	vd	07	F1B	RUS	UiPTR Lvov	75 / 81	250	unid printer, heard 03 14 16 20 at 0726 - 0930, 1430 - location is LVOV- 10 reports
DARC	14106,0	0905	16	07	FSK8		UiMUX	125		system THALES-3000
DARC	14108,0	1116	12	07	A1A		5KQP			"8PZ6 DE 5KQP QTC...", CIS MIL
DARC	14111,0	0824	23	07	FSK8		UiMUX			2 ALE heard, one weak, one strong
DARC	14116,0	0747	01	07	F1B	RUS	UiPTR	50/ 75	250	printer, location "Moscow"
DARC	14118,0	vt	vd	07	J7D	RUS	UiMUX			12-tone, AT-3004-D,

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										heard 02 03 25 at 0931, 1430, 0703
DARC	14120,0	vt	vd	07	F1B	RUS	UiPTR	81	250	system 81, heard 02 03 06 09 11 13 18 26 28 31 at 0713 - 0943 - 15 reports all month
DARC	14122,0	vt	vd	07	J7D	RUS	UiMUX			12-tone, AT-3004D heard 05 10 12 19 20 21
DARC	14142,5	0758	05	07	J7D	RUS	UiMUX			12-tone, AT-3004-D heard 05 06 at 0758, 0921
DARC	14182,0	1238	24	07	F1B	RUS	UiPTR	75	250	unid printer
DARC	14184,0	0726	05	07	F1B	RUS	UiPTR	81	250	unid printer
DARC	14184,0	vt	05	07	F1B	RUS	UiPTR	81	250	reversals and printer heard 05 13 at 0758 - 0835 - system 81
DARC	14192,0	vt	vd	07	F1B	RUS	RUS Navy Kaliningrad	50 / 75	500	printer heard 04 05 06 10 11 at 0631 - 0730, 1840
DARC	14204,0	vt	vd	07	F1B	RUS	UiPTR	81	250	system 81, heard 08 26 at 0828, 0857
DARC	14206,0	vt	vd	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	14220,0	0713	31	07	F1B		UiPTR			slow reversals
DARC	14222,0	1432	04	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	14228,0	1300	11	07	FSK4	CHN	UiMUX	4 x 100	1500	PRC-4, 4 x 100 Bd, 1500 Hz
DARC	14236,0	0740	03	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	14237,0	vt	05	07	J7D	RUS	UiMUX			12-tone, AT-3004-D heard 0726 - 0800
DARC	14238,0	0646	26	07	F1B	RUS	UiPTR			unid printer
DARC	14238,9	0747	12	07	J7D	RUS	UiMUX	16 x 75		16-tone D2PSK, 16 x 75 Bd
DARC	14240,0	vt	vd	07	A3E	RUS	Radio Rossiye			broadcast, harmonic of 7120, heard 02 13 at 1415, 1856
DARC	14242,0	vt	vd	07	J7D	RUS	UiMUX			12-tone system AT-3004-D, heard 02 03 06 24 at 0740 - 0932
DARC	14246,0	0740	03	07	F1B		UiPTR			reversals
DARC	14246,0	1200	dly	07	FSK		UiPTR	1200	625	DPRK-FSK1200 - heard 03 - 16 at 1212, 14 reports
DARC	14262,0	0804	21	07	N0N	RUS	UiPTR			unid carrier, BNetzA pinpoint the printer "NE of Smolensk" - is allowed!
DARC	14301,0	0646	04	07	J7D		UiMUX			mux rushing noise
DARC	14302,0	0719	04	07	J7D	RUS	UiMUX			12-tone, AT-3004-D
DARC	14310,0	1725	26	07	A3E		UiBC			harmonic of 7155
DARC	14310,0	1733	30	07	A3E	CHN / ALB	Radio China Intl.			harmonic of 7155, is Relay Tirana
DARC	14313,0	1217	01	07	G7B		UiMUX			frequency hopper
DARC	14314,0	1215	dly	07	F1B	EGY	MFA Cairo	100	170	SITOR-A, MFA Cairo,
DARC	14317,0	0732	15	07	A1A		UiCW			scrambled messages
DARC	14334,0	vt	vd	07	J7D		UiMUX			12-tone, AT-3004-D, heard 23 27 at 0822 - 0826
DARC	14336,0	0646	04	07	F1B		UiPTR			unid printer and reversals
DARC	14350,0	1345	05	07	J7D		UiMUX			unid mux, rushing noise
DARC	14350,0	1723	17	07	A3E		UiBC			harmonic of 7175
DARC	14350,0	vt	vd	07	A3E		UiBC			harmonic of 7175, heard 05 26 at 1954, 1724
DARC	21000,0	1948	04	07	G7B		UiMUX			frequency hopper
DARC	21005,0	1310	19	07	P0N	G / CYP	Cyprus OH-Radar			British Radar Akrotiri, 50 pulses per second

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										(pps)
DARC	21027,0	1407	03	07	G7B	BFA	UiMUX	2400		STANAG-4285, 2400 Bd, 8PSK, location Burkina Faso -UN-MIL?
DARC	21035,0	0916	08	07	G7B		UiMUX			frequency hopper
DARC	21080,0	1514	06	07	G7B		UiMUX			frequency hopper
DARC	21135,0	1346	06	07	FSK8	IRQ	UiMUX			ALE, idents 4DI, 7DV, OYG - is Iraqi MOD - daily
DARC	21135,2	1301	06	07	FSK8		UiMUX			ALE, idents 6041, 6047 - is Iraqi MIL Mossul - daily
DARC	21145,8	vt	vd	07	A1A	I	IZ3DVW / BEACON			unwanted beacon heard 03 05 at 1410, 1940
DARC	21150,9	vt	vd	07	N0N	I	UiCAR			carrier, location North-West-Italy - heard 02 - 15 at 0728 - 1840
DARC	21295,0	2044	04	07	G7B		UiMUX			frequency hopper
DARC	28006,6	1354	05	07	A1A		BD			illegal driftnet buoy
DARC	28011,3	1622	23	07	A1A		CZ			illegal driftnet buoy
DARC	28011,7	1414	05	07	A1A		DN			illegal driftnet buoy
DARC	28015,0	1940	04	07	G7B		UiMUX			frequency hopper
DARC	28016,2	1414	05	07	A1A		BD			illegal driftnet buoy
DARC	28045,9	1639	23	07	A1A		EA			illegal driftnet buoy
DARC	28071,5	1630	23	07	A1A		NO			illegal driftnet buoy
DARC	28081,7	1630	23	07	A1A		DM			illegal driftnet buoy
DARC	28091,4	1629	23	07	A1A		CF			illegal driftnet buoy
DARC	28094,6	1723	14	07	A1A		HC			illegal driftnet buoy
DARC	28096,0	1625	23	07	A1A		CN			illegal driftnet buoy
DARC	28096,1	1357	05	07	A1A		HD			illegal driftnet buoy
DARC	28096,3	1357	05	07	A1A		BD			illegal driftnet buoy
DARC	28101,4	1357	05	07	A1A		BN			illegal driftnet buoy
DARC	28105,0	1000	15	07	G7B		UiMUX			frequency hopper
DARC	28111,0	0745	03	07	A1A		BD			illegal driftnet buoy
DARC	28111,4	1625	23	07	A1A		C			illegal driftnet buoy
DARC	28111,6	1625	23	07	A1A		BN			illegal driftnet buoy
DARC	28116,2	1417	05	07	A1A		DN			illegal driftnet buoy
DARC	28117,1	1357	05	07	A1A		DN			illegal driftnet buoy
DARC	28121,3	1640	23	07	A1A		CM			illegal driftnet buoy
DARC	28121,5	1351	05	07	A1A		HD			illegal driftnet buoy
DARC	28131,3	1625	23	07	A1A		DO			illegal driftnet buoy
DARC	28131,5	1625	23	07	A1A		DU			illegal driftnet buoy
DARC	28166,0	1640	23	07	A1A		CN			illegal driftnet buoy
DARC	28175,9	1411	05	07	A1A		BD			illegal driftnet buoy
DARC	28191,2	1409	05	07	A1A		BN			illegal driftnet buoy
DARC	28196,6	1640	23	07	A1A		CN			illegal driftnet buoy
DARC	28231,3	1422	05	07	A1A		BD			illegal driftnet buoy
DARC	28245,0	1905	04	07	G7B		UiMUX			frequency hopper
DARC	28245,8	1437	04	07	FSK	E	UiPTR			reversals
DARC	28245,8	vt	vd	07	FSK	E	UiPTR		285	tone duration 490 ms, heard 03 - 27 at 1011 - 1902 - 18 reports
DARC	28385,7	1406	05	07	A1A		SB			illegal driftnet buoy
DARC	28386,0	1407	05	07	A1A		HD			illegal driftnet buoy
DARC	29684,7	vt	vd	07	G7B	I	UiMUX			serial modem, Italian MIL located Brescia, permanent, heard 04 18 at 1435, 1545
DARC	29699,7	vt	vd	07	G7B	I	UiMUX			serial modem, Italian MIL located Brescia, permanent, heard 04 18 at 1435, 1545

MRASZ – Hungary - HA7PL (Laci)

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
MRASZ	7003.0	0-24	dly	07	USA	ALE	FSK8	125	1750	US ARMY IN KOSOVO
MRASZ	7008.0	0955	24	07	RUS	UiMUX	J7D	1440		AT3004D
MRASZ	7010.0	0-24	dly	07	MKD	ALE	FSK8	125	1750	„RS-CS NET”, FYROM (Makedonian) Military
MRASZ	7014.0	0-24	dly	07	NIG	ALE	FSK8	125	1750	Idents: 411411, 411415 Nigerian MOI/Police
MRASZ	7026.0	0-24	dly	07	Ui	ALE	FSK8	125	1750	„EAGLE NET”
MRASZ	7030.0	0-24	dly	07	Ui	ALE	FSK8	125	1750	Idents: 241 245
MRASZ	7034.0	0-24	dly	07	Ui	ALE	FSK8	125	1750	Idents: 277 527
MRASZ	7036.0	0-24	dly	07	POL	ALE	FSK8	125	1750	Idents: BAWARIA, SUWON, SCORPIO, WOLVERINE; Polish Army
MRASZ	7039.0	1755	13	07	RUS	beacon	A1A			letter C beacon Moscow
MRASZ	7061.0	0-24	dly	07	NIG	ALE	FSK8	125	1750	Ident: 21121; Nigerian MOI/Police
MRASZ	7064.0	0-24	dly	07	Ui	ALE	FSK8	125	1750	Idents: CPN, BDE, 05018
MRASZ	7070.0	0-24	dly	07	CHN	ALE	FSK8	125	1750	288 NET, CHINESE MILITARY
MRASZ	7080.0	0-24	dly	07	Ui	ALE	FSK8	125	1750	5810
MRASZ	7090.0	0-24	dly	07	Ui	ALE	FSK8	125	1750	4001, 4047
MRASZ	7100.0	0-24	dly	07	POL	ALE	FSK8	125	1750	POL Military, Idents: OKROKANMSS, MOB2MSS
MRASZ	14008.0	0925	30	07	RUS	UiPTR	FSK2	50	250	S8
MRASZ	14100.0	1016	14	07	Ui	OTHR?	PON			unid othr like pulses
MRASZ	14182.0	1044	24	07	RUS	UiMUX	J7D	1440		AT3004D
MRASZ	14213.0	0850	15	07	RUS	REA4	FSK2	50	250	fast reversals; Russian Air Force HQ Moscow
MRASZ	14247.0	1200	24	07	KRE	UiPTR	FSK2	600	600	KOREAN EMBASSY
MRASZ	14335.0	0855	15	07	RUS	REA4	FSK2	50	250	fast reversals
MRASZ	21016.0	1013	24	07	Ui	UiMUX	G7D	2400		Frequency hopper
MRASZ	21084.0	1015	24	07	Ui	UiMUX	G7D	2400		Frequency hopper

OEVSV – Austria – OE3DMA (Alex)

RSGB - Great Britain – G4BOH (Chris)

SRAL – Finland – OH2BLU (Pekka)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7000,0	1330	18	7		UiMUX	F7			
SRAL	7008,0	1250	14	7		UiPTR	F1B		250	
SRAL	7010,0	0715- 0830	18	7		UiPTR	F1B		500	
SRAL	7018,7	0430- 0600	22- 23	7		UiCarr	N0N			
SRAL	7022,0	1300- 1430	4	7		UiMUX	F7			
SRAL	7034,0	0645	3	7		UiPTR	F1B		250	
SRAL	7038,7	1530- 0400	1-8	7	UKR	D	A1A			Sevastopol

Society	KHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7038,8	h24	1-14	7	RUS	P	A1A			Kaliningrad
SRAL	7038,9	h24	dly	7	RUS	S	A1A			Severomorsk/Murmansk
SRAL	7039,0	h24	dly	7	RUS	C	A1A			Moscow, miskey 17-22
SRAL	7041,5	H24	22, 23	7	RUS		A1A			Timestamp, site 8
SRAL	7054,0	1900- 0500	1-21	7	RUS	UiPTR	F1B		250	
SRAL	7058,0	0840	23	7		UiPTR	F1B		250	
SRAL	7060,0	0630- 0800	3	7		UiMUX	F7			
SRAL	7075,0	1310	25	7		UiMUX	F7			
SRAL	7097,0	1100- 1230	24	7		UiPTR	F1B		250	
SRAL	7099,0	0510- 1530	17, 18	7		UiMR	A1A			5BL/5F
SRAL	7100,0	1755- 2100	dly	7	KRE	Voice of Korea	A3E			
SRAL	7100,0	0350- 0500	dly	7	ERI	VoBME	A3E			
SRAL	7100,0	1500- 1803	dly	7	ERI	VoBME	A3E			
SRAL	7122,0	h24	dly	7	RUS	RDL	F1B		200	
SRAL	10145,0	1700- 1815	18	7	CYP	UiOTH	P0N			40 kHz wide
SRAL	14008,0	0900- 0920	19, 26	7		UiPTR	F1B			
SRAL	14025,0	0830- 1300	10	7		UiMUX	F7			
SRAL	14081,0	0810- 1230	12	7		UiPTR	F1B			
SRAL	14104,0	0800- 1100	25, 27	7		UiPTR	F1B			
SRAL	14108,0	0720- 1130	10, 27	7		UiMR	A1A			
SRAL	14118,0	0700- 1430	4, 25	7		UiMUX	F7			
SRAL	14120,0	0830- 1300	10, 18, 26, 28	7		UiPTR	F1B		250	
SRAL	14122,9	0715- 0830	12, 21	7		UiMUX	F7			
SRAL	14141,0	0735	27	7		UiPTR	F1B			
SRAL	14148,0	0800- 1000	27	7		UiMR	A1A			With spurious +/- 30kHz
SRAL	14177,0	0730	27	7		UiPTR	F1B			
SRAL	14191,7	0530- 0600	9	7		UiPTR	F1B		500	
SRAL	14206,0	0845- 1200	17	7		UiMUX	F7			
SRAL	14332,0	0830- 1130	10	7		UiPTR	F1B			
SRAL	14336,0	0720- 0830	27	7		UiPTR	F1B			
SRAL	21010,0	1100- 1130	19	7	CYP	UiOTH	P0N			40 kHz wide
SRAL	28000,0- 29485,0	0745- 1400	dly	7	CIS	UiVOX	F3E			196 reports – CIS taxi cabs

USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7039.0	ady	02	07	RUS	C	A1A			Beacon C, all days, Moscow
USKA	7038.7	ady	02	07	UKR	D	A1A			Beacon D, all days, Sevastopol
USKA	7038.8	ady	02	07	RUS	P	A1A			Beacon P, all days, Kaliningrad
USKA	14000.0	1438	31	07			FSK8	125	1750	ALE, MIL 188-141A
USKA	14024.0	0846	10	07	RUS		J7D			CIS12 = AT3004D
USKA	14024.0	1306	13	07	RUS		J7D	12x120		CIS12 = AT3004D
USKA	14026.0	0921	19	07	RUS		J7D	12x120		CIS12 = AT3004D
USKA	14051.5	0903	03	07	RUS		J7D	12x120		CIS12 = AT3004D
USKA	14058.0	1302	13	07	RUS		J7D	12x120		CIS12 = AT3004D
USKA	14091.0	0946	19	07	RUS		J7D	12x120		CIS12 = AT3004D
USKA	14104.1	1452	20	07			F1B	81	250	CIS 81-81
USKA	14118.0	0900	03	07	RUS		J7D	12x120		CIS12 = AT3004D
USKA	14122.0	1403	19	07	RUS		J7D	12x120		CIS12 = AT3004D
USKA	14161.0	1308	18	07	RUS		J7D	12x120		CIS12 = AT3004D
USKA	14242.0	0907	03	07	RUS		J7D	12x120		CIS12 = AT3004D
USKA	14262.0	1320	20	07			N0N			Unident carrier, approx. bearing from Zurich: abt 60°
USKA	14310.0	1715	18	07	CHN		A3E			Radio China International 2 nd harmonic of 7155
USKA	14350.0	2031	10	07			J3E u			2 Spanish voices male/female family conversation, until 2105
USKA	28013.0	0921	10	07			A3E			Spanish talking
USKA	28021.2	0821	10	07		CL	A1A			driftnetbuoy
USKA	28021.6	0825	10	07		AF	A1A			driftnetbuoy
USKA	28035.0	0923	10	07			A3E			Spanish talking
USKA	28035.0	1704	18	07			A3E			Spanish talking
USKA	28037.1	1411	23	07		DU	A1A			driftnetbuoy
USKA	28048.0	1702	18	07			A3E			Spanish talking, roger pieps
USKA	28055.0	0914	10	07			A3E			Spanish talking
USKA	28064.0	1659	18	07			A3E			Spanish talking
USKA	28070.5	1024	05	07		BD	A1A			driftnetbuoy
USKA	28070.5	1024	06	07		BD	A1A			driftnetbuoy
USKA	28075.0	1731	18	07			A3E			Spanish talking, roger pieps
USKA	28075.8	1018	27	07			A3E			Spanish talking
USKA	28085.0	1419	23	07			A3E			Spanish talking
USKA	28086.4	0834	10	07		DP	A1A			driftnetbuoy
USKA	28085.5	1333	13	07			A3E			Spanish talking
USKA	28085.7	1334	13	07		CL	A1A			driftnetbuoy
USKA	28096.1	1017	05	07		DN	A1A			driftnetbuoy
USKA	28091.8	1343	23	07		CY	A1A			driftnetbuoy
USKA	28095.5	1016	05	07		BD	A1A			driftnetbuoy
USKA	28095.5	1013	06	07		BD	A1A			driftnetbuoy
USKA	28096.6	1016	06	07		DN	A1A			driftnetbuoy

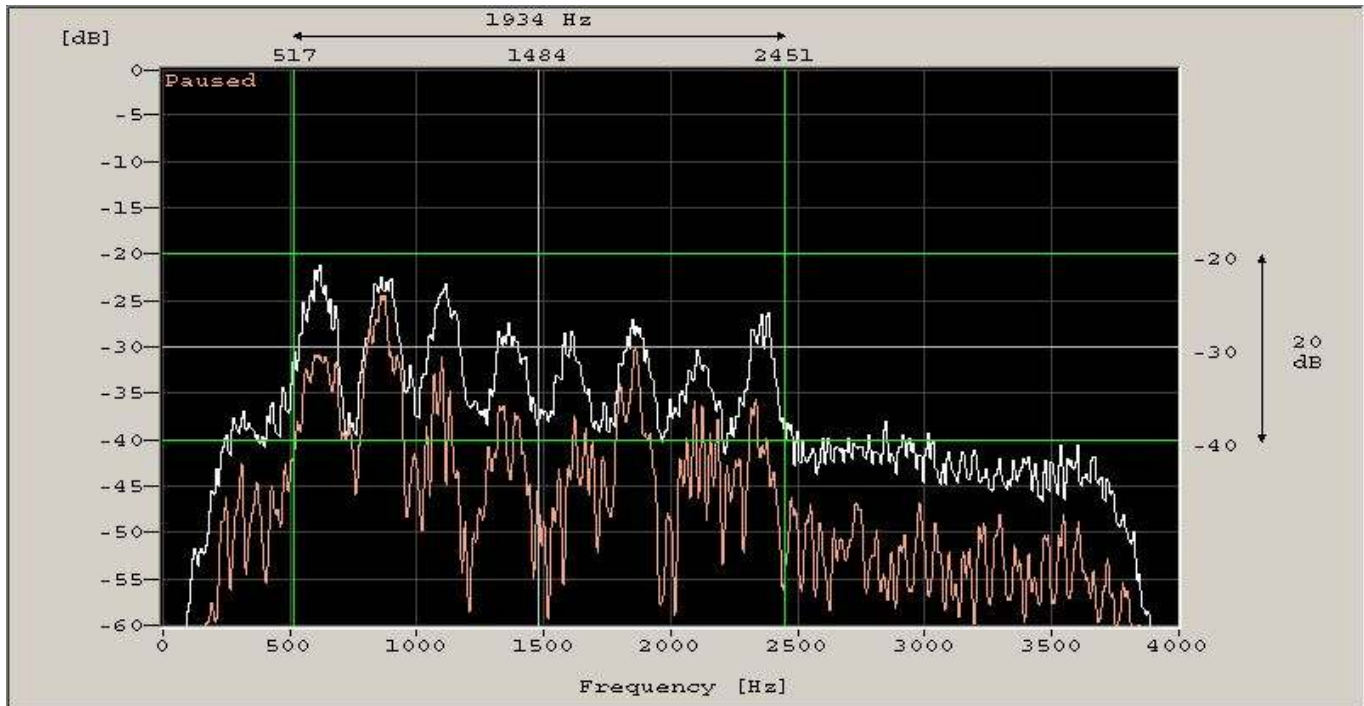
SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	28105.0	1029	27	07			A3E			Spanish talking
USKA	28107.1	1401	20	07			A3E			Spanish talking
USKA	28104.5	1651	04	07			A3E			Spanish talking, roger pieps
USKA	28104.5	1024	05	07			A3E			Spanish talking, roger pieps
USKA	28104.5	1022	06	07			A3E			Spanish talking
USKA	28125.0	1523	23	07			A3E			Spanish talking
USKA	28125.5	1335	13	07			A3E			Spanish talking
USKA	28136.0	1644	04	07			A3E			Spanish talking, roger-pieps
USKA	28136.0	1551	13	07			A3E			Spanish conversation, very short sequences, roger pieps
USKA	28135.1	1015	27	07			A3E			Spanish talking
USKA	28146.0	1033	27	07			A3E			Spanish talking
USKA	28155.0	1528	23	07			A3E			Spanish talking
USKA	28165.0	1526	23	07			A3E			Spanish talking
USKA	28175.0	1013	27	07			A3E			Spanish talking
USKA	28176.5	1631	04	07		BD	A1A			driftnetbuoy
USKA	28215.0	1607	04	07			A3E			Spanish talking
USKA	28216.5	1611	04	07		BD	A1A			driftnetbuoy
USKA	28245.8	1314	13	07	E		FSK		285	dly, assumed close to Girona Airport (Barcelona)
USKA	28245.8	1418	20	07	E		FSK		285	dly, assumed close to Girona Airport (Barcelona)
USKA	28276.0	1324	13	07			A3E			Spanish talking
USKA	28276.0	1706	18	07			A3E			Spanish talking
USKA	28296.0	1008	27	07			A3E			Spanish talking
USKA	28312.0	1228	13	07			A3E			Spanish talking
USKA	28312.0	1035	27	07			A3E			Spanish talking
USKA	28320.1	1616	13	07		SL	A1A			driftnetbuoy
USKA	28371.0	1604	13	07		CV	A1A			driftnetbuoy
USKA	28417.0	1330	13	07			A3E			unverständl. Sprache, no ham?
USKA	29684.9	1330	31	07			A3E			Sounds like babyphone and female voice in Swiss German, whole day

Veron – Netherlands – Part 1- PA0GRU (Dick)

SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SHIFT	DETAILS
VERON	7019,0	16.41	22	7	CIS	YFFG	F1A	500	to H4VG: proc
VERON	7038,7	05.55	**	7	UKR	D	A1A		20.50 utc, 7 days, D-beacon Sevastopol
VERON	7038,8	06.50	**	7	RUS	P	A1A		20.50 utc, 7 days, P-beacon Kaliningrad
VERON	7038,9	H24	**	7	RUS	C	A1A		20 days, C-beacon Moscow
VERON	7038,9	06.00	**	7	RUS	S	A1A		20.50 utc, 17 days, S-beacon Murmansk
VERON	7041,4	19.19	12	7	?	UiCW	A1A		figuregroups+? Most with =9923
VERON	7054,0	19.20	**	7	CIS	UiPtr	F1B	250	20.47 utc, 4 days, Revs
VERON	7057,3	20.44	1	7	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7065,3	18.29	22	7	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7067,8	16.20	23	7	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7074,0	19.17	25	7	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	14008,0	09.00	**	7	CIS	UiPtr	F1B		13.00 utc, Carrier/Revs, 3 days
VERON	14016,0	06.23	21	7	CIS	CVJ7	A1A		to E6XA: Z/Q-codes, proc
VERON	14016,0	05.51	24	7	CIS	CVJ7	A1A		643 643 068= (4F)= 068 K
VERON	14016,0	05.53	25	7	CIS	CVJ7	A1A		proc.

SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SHIFT	DETAILS
VERON	14016.0	08.29	27	7	CIS	CVJ7	A1A		5BL
VERON	14016.0	05.17	3	7	CIS	QVK9	A1A		4F, 5 BL
VERON	14016.0	07.28	9	7	CIS	QVK9	A1A		Z/Q-codes
VERON	14016.0	06.23	16	7	CIS	2IG5	A1A		to 7UB6, 4F, proc
VERON	14016.0	07.54	12	7	CIS	2IG5	A1A		to 7UB6: Z/Q-codes, proc
VERON	14104.0	08.57	**	7		UiPtr	F1B		09.50 utc, Revs/Ptr, 3 days
VERON	14108.0	07.16	21	7	CIS	X7YZ	A1A		to 6X7Z: 5 BL
VERON	14108.0	05.29	25	7	CIS	IGBK	A1A		to IIXD: Z/Q-codes
VERON	14108.0	05.38	28	7	CIS	X7YZ	A1A		to 6X7Z, JYFN,ZUMY,E8WE, TXWJ,5BL
VERON	14108.0	05.38	2	7	CIS	SN3X	A1A		to 1JX7,CDZK,AFTZ,etc; proc, 5BL
VERON	14108.0	07.00	2	7	CIS	WLHN	A1A		XXX WLHN 5F,4F,KEFLORDIN
VERON	14108.0	07.04	2	7	CIS	KH8N	A1A		XXX KH8N, 5F.4F, KEFLORDIN
VERON	14108.0	05.25	3	7	CIS	UiCW	A1A		5 BL
VERON	14108.0	05.04	10	7	CIS	SN3X	A1A		to BBBZ: 5 BL
VERON	14108.0	05.28	10	7	CIS	VJW2	A1A		ZLW ZUT ZMR QYT6 K
VERON	14108.0	06.46	12	7	CIS	5BSK	A1A		to JTCM: Z/Q-codes, proc
VERON	14108.0	05.10	16	7	CIS	5BSK	A1A		to 5J2W: Z/Q-codes, proc
VERON	14108.0	05.20	16	7	CIS	5KPQ	A1A		to Z8HV: 5 BL
VERON	14108.0	05.17	17	7	CIS	5KQP	A1A		to 2LIN: Z/Q-codes, 5BL
VERON	14108.0	11.28	3	7	CIS	UiCW	A1A		5BL (ending 567 K)
VERON	14108.0	09.01	5	7	CIS	UiCW	A1A		XXX WEGI 52629 LIDERSKEY 5127 9278 k
VERON	14108.0	09.14	5	7	CIS	VJW2	A1A		Q-codes, to XSW3) to AFTZ
VERON	14108.0	11.12	8	7	CIS	SN3X	A1A		5 BL
VERON	14108.0	11.22	8	7	CIS	XFS4	A1A		5BL/Q-codes, (to XSW3)
VERON	14108.0	11.06	24	7	CIS	IGBK	A1A		5BL/Q-codes, (to 6X7Z)
VERON	14116.0	08.44	2	7		UiPtr	F1B		Ptr
VERON	14118.0	06.02	21	7	CIS	ZPA8	A1A		to PYK5: 5 BL
VERON	14118.0	05.42	2	7	CIS	L4MX	A1A		proc.
VERON	14118.0	06.24	9	7	CIS	UiCW	A1A		5 BL
VERON	14118.0	06.45	10	7	CIS	M26B	A1A		to I3O8: 5 BL
VERON	14118.0	07.19	12	7	CIS	ITZ6	A1A		to KY8W: 5 BL
VERON	14118.0	05.14	16	7	CIS	ITZ6	A1A		to WT4M: 5 BL, proc
VERON	14120.0	06.52	9	7	CIS	UiCW	F1A		morse: QRJ3, QRJ ? K (etc)
VERON	14120.0	06.54	9	7	CIS	UiPtr	F1B	250	Ptr
VERON	14184.0	08.55	5	7		UiPtr	F1B		Ptr
VERON	14192.0	12.24	28	7	CIS	DPWK	A1A		5BL/Q-codes (to: E6XA)
VERON	14336.0	13.03	26	7		UiPtr	F1B		Ptr

Clover 2000 on 7001.5 kHz – 8 x 65 Bd QPSK (Wavecom spectrogram)



IARUMS Region 1

Manual2006, Monitoring Template, WAV-files, Fishery Buoys on 10m, Latest Intruder News, Co-ordinator's Corner, Monthly Overview, Important Links, Contacts, Gallery, History of IARUMS Region 1, ITU Informations, the Story of Ron Roden's Life, Successful Actions, Bandplans and Soundfiles are available on:
<http://www.iarums-r1.org>

The monitoring team of IARU Region 1

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