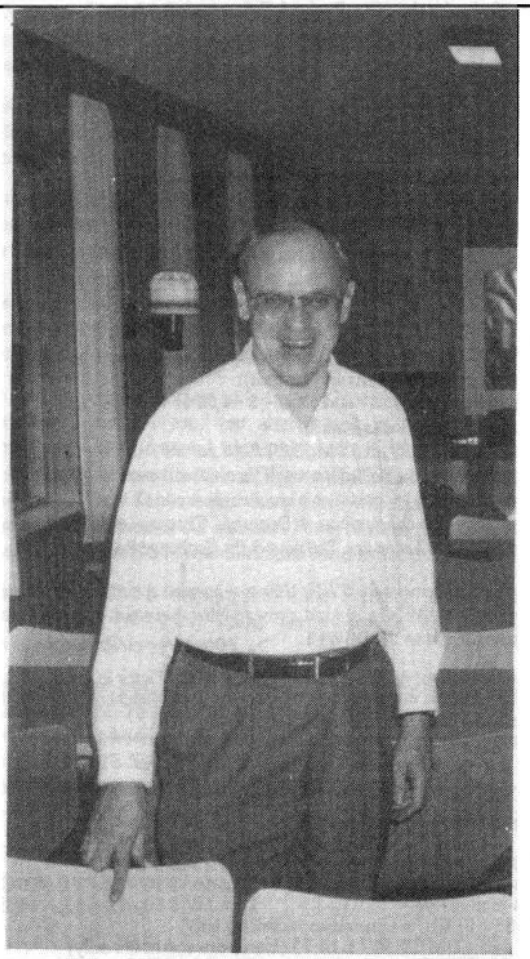
DSWCI SHORT-WAVE NEWS

The monthly bulletin of the DANISH SHORTWAVE CLUB INTERNATIONAL for shortwave listeners and DXers

No. 4 April 1997 Volume 41



**Our Chairman, Anker Petersen, among other boardmembers, is ready to welcome you at our Annual General Meeting and DX-Camp, on May 16th to May 18th 1997, on the "Longisland", Denmark. We look forward to meet you all again!**

## Editorial Staff

ISSN 0106-3731

**(*) Shortwave Tips**
Klaus-Dieter Scholz
Postfach 885, D-99017 Erfurt, Germany
Tel.: +49 (0)361 - 4212769 Fax: +49 (0)361 - 4212298
E-mail: kdscholz@aol.com

**(*) The Utility Shack**
Joachim Stiller, Thieweg 3,
D-38173 Gilzum, Germany
E-mail: jst@trashcan.mcnet.de

**(*) World News**
Noel R. Green, 14 Marsden Road, Blackpool,
Lancashire FY4 3BZ, England Tel.: +44 1253 - 40 21 47

**(*) Unofficial Radio**
Ken Baird, 24 Main Street, Sorn
Ayrshire KA5 6HU, Scotland Tel. & Fax: +44 1290 - 55 14 91

**(*) QSL Corner**
Marc Decock, Leliestraat 10,
B-8552 Zwevegem-Moen, Belgium

**(*) Letterbox - As I Please**
Don Phillips, 197 Queensgate, Bridlington,
East Yorks. YO16 5QU, England Tel.: +44 01262 - 67 23 16
E-mail: 101521.2167@compuserve.com

**World DX News and Tips**
Finn Krone, Maglebyvej 25,
DK-4672 Klippinge, Denmark Tel. & Fax: +45 53 67 85 62
E-mail: krone@dk-online.dk

**Mediumwave News**
Ydun M. Ritz, Odinsvej 24
DK-6500 Vojens, Denmark Tel. & Fax: +45 74 54 08 91
E-mail: eritz@post2. tele.dk

**Notes & News**
Kaj Bredahl Jørgensen, Tavleager 31,
DK-2670 Greve, Denmark Tel. & Fax: +45 42 90 29 00
E-mail: dswci@centrum.dk

**Tropical Bands Survey, editor**
Anker Petersen, Udbyvej 11,
DK-2740 Skovlunde, Denmark
E-mail: 100413.2375@compuserve.com

**Clandestine Stations List, editor**
Finn Krone, cf. Editorial/World DX News and Tips

**AWR-Wavescan:** Weekly DSWCI DX-programmes on Sundays: 0500-0600 on 7215. 2100-2200 on 6055. 0330-0400 on 9465. 0400-0430 on 11600. 1630-1730 on 15260. 2030-2130 on 9455. 0530-0600 on 11600. 0600-0630 on 13715. 2200-2300 on 9455 kHz. Editor: Finn Krone.

**DX-Window:** Is a weekly, e-mail only, hot DX-bulletin. sent to members having signed up. Deadline for entries: Sundays at 1200 UTC to: krone@dk-online.dk

**WorldWideWeb:** The DSWCI provides hot DX information on the Nordic Shortwave Center at http://www.sds.se/

**Deadline** for contributions to SWN:
Contributions should be sent to the HQ. Entries to specific columns may be sent direct to the editors. If contributions for columns marked (*) shall be forwarded via the HQ, they must be received before the deadline shown for this category on page 3. Coming d eadlines are announced on page 3.

# Danish ShortWave Club International

DSWCI, Tavleager 31, DK-2670 Greve,Denmark

## Board

- member of the European DX-Council

**Chairman and representative to the EDXC**
Anker Petersen, Udbyvej 11,
DK-2740 Skovlunde, Denmark
E-mail: 100413.2375@CompuServe.Com or ankerP@compuserve.com

**Deputy Chairman**
Finn Krone, Maglebyvej 25,
DK-4672 Klippinge, Denmark Tel. & Fax: +45 53 67 85 62

**Treasurer**
Bent Nielsen, Egekrogen 14
DK-3500 Vaerloese, Denmark Tel: +45 33 44 57 19
Postal Giro Account: Copenhagen 7 103 409
Bank Account: 3001 4001 - 528459

**Editor-in-Chief**
Kaj Bredahl Jørgensen, Tavleager 31,
DK-2670 Greve, Denmark Tel. & Fax: +45 42 90 29 00
E-mail: dswci@centrum.dk

**Ordinary director**
Claus Petersen, Broendbyvestervej 122, 1.mf.,
DK-2605 Broendby, Denmark Tel. & Fax: +45 43 42 25 13
E-mail: claus_petersen@online.pol.dk

**General Directors**
Don Phillips, 197 Queensgate, Bridlington,
East Yorks. YO16 5QU, England Tel.: +44 262 67 23 16
E-mail: 101521.2167@compuserve.com

Wian Stienstra, c/o SIBCO, Kronogergsgatan 5,
S-352 33 Växjö, Sweden
Tel.: +46 470 749 650, Fax: +46 470 749 360

**U. K. representative**
Noel R. Green, 14 Marsden Road, Blackpool,
Lancashire FY4 3BZ, England Tel.: +44 1253 - 40 21 47

**GFR representative**
Gerd Klawitter, Zur Höhe 47,
D-48653 Coesfeld, Germany Tel.: +49 2541 - 8 33 38
Konto: 170462-465 Postbank Dortmund, BLZ 440 100 46

## Membership Fee:

**Nordic Countries:** D. kr. 225,oo or 43 IRC's
**Other European countries (airmail):**
D. kr. 260.oo /£ 26,oo / DM 68,oo / $ 44,00 or 49 IRC's
**Overseas countries (airmail):**
D. kr. 280,oo / £ 28,oo / DM 73,00 /$ 47,oo or 53 IRC's
Members who are due to renew will be notified 2 months in advance. Members paying by postal giro account must add D. kr. 20,oo or equivalant to cover the charges here in Denmark. Cheques and/or banknotes are welcome to the Treasurer. See page 3 for Exchange Rates.

Copyright statement for SWN: Unless otherwise stated, reproduction of material from SWN is allowed, provided that due credit is given to the contributor and to the DSWCI.

Used throughout in SWN. Frequencies in kHz - Times in UTC.
Articles, letters, etc. sent in by members, and published in SWN, do not necessarily coincide with the opinion of the Board.

## Members' Service

| | B-mail | A-mail |
|---|---|---|
| WRTH97, Friedrich Büttner, Zeppelinstr. 61, D-73033 Göppingen | DM 58 (+DM 6 if delivery outside Germany) | |
| DSWCI List of Members, April 1997 | no B-mail delivery | Dkr. 25 or 5 IRC's |
| DSWCI Tropical Bands Survey, 24th edition, May 1996 | no B-mail delivery | Dkr. 50/ $ 10,-/DM 13,- /10 IRCs |
| DSWCI Clandestine Stations List, 12 edition, May 1996 | no B-mail delivery | Dkr. 50/ $ 10,-/DM 13,- /10 IRC's |
| Time Signal Stations | Dkr 85 / 17 IRC's (European members only) | |
| Flugfunk in Germany, By Gerd Klawitter | Dkr. 105 / DM 27.50 / £ 15.75 (European members only) | |
| Reporting Guide, 2nd edition | Dkr. 28 / 6 IRC's | Dkr. 35 / 7 IRC's |
| English, French or Spanish reporting forms, pr. 15 sheets | Dkr. 15 / $ 3,-/3 IRC's | Dkr. 20 / $ 4,-/ 4 IRC's |
| DSWCI Sticker (ø 90 m/m) blue and red | Dkr 5 / $ 1,-/1 IRC | Dkr. 10 / $ 2,-/ 2 IRC's |

All payments should be sent to the Treasurer or to one of the representatives abroad. IRC's will also be accepted by the HQ.

# Editorial

April 6th , 1997

Dear friends, members and readers,

Here we come again with a brand new edition of our very own bulletin - Short wave News. It is again nice to be able to give you 32 pages with lots of valuable information and news.

I'm happy to tell you, that all sections are included in this issue, except for the World DX News and Tips, as our editor, Finn Krone, is on holiday, climbing the mountains on the Indonesian island, Sulawesi. We hope that he will come safely home without any broken legs or arms!

As you surely will have recognised in the March issue, the SW Tips were included, despite some problems in delivery from Klaus-Dieter. I don't know what has happen, but either the Danish or the German postal service must have been very slow, as it took almost a week for his letter to reach me. This month, however, no problems at all, and we'll again have 5 pages with SW loggings.

Speaking about late postal delivery, I can tell you, that in the middle of March we received a Christmas card from Jürgen Blum, mailed from Greenland before Christmas! Anyway, thank you, Jürgen for the greetings.

This month you will have 4 pages with "As I Please" written by Don Phillips and Søren Dippel, the latter one has been laying here for quite some time - sorry, Søren.

Furthermore, as promised earlier, a list of all known e-mail addresses of our members is published. Please let me know (e.g. by e-mail!) if you have some changes to the list, so that I can update it. It is also our intention to bring this list in our list of members, which hopefully will be ready for printing within a week. For those who already have ordered the new List of Members, it will be sent to you right after it's being printed. Sorry for the long delay .

The date for our DX-Camp and Annual General meeting is approaching fast. I can tell you, that already now many of our faithful members who used to attend, again this year will show up. Also some new faces are to be seen, such as Torsten Koch and Frank Helmbold of Germany. And I'm sure that many more will show up. So please send your registration to our treasurer, Bent Nielsen right away. Look at page 28 & 29 in SWN March Edition for detailed information!

You can also visit the homepage of Claus Petersen, where information about the AGM and Camp are published. The address is: www.cybernet.dk\users\cp2605

In my editorial last month, a meaningless sentence occurred in Danish segment. Thanks that not many of our members can read Danish. The correct words follows here in *Danish: Jeg har nu modtaget HCJB's "erindringskassette" med reportager på side 1 og sidste udsendelse på svensk på side 2. Hvis man vil have en kopi, kan man sende 10 kr. i frimærker til Erik Køie. E-mail: ehk@dr.dk"*

Until next month, I wish you all best 73's hoping to hear from you again, and hope to see you at our Annual General Meeting.

Finn

**Next Deadlines: SWN 5/97 April 12th (*)**
**April 24th**
**SWN 6/97 May 15th (*)**
**May 22nd**

# Member's News

**A Hearty Welcome** to (just) two old and new members:
2848 Jawahar Almeida, 3-Duplex Apartments, Rio Sal Estate, Benaulim, Goa-403716, India
3530 Cesare Siguini, V. B. Buozzi, I-13030 Bornate Serravalle S., Italy

**Fee received with thanks from:** 250-362-655-677-1043-1099-1743-1885-2026-2151-2236-2280-2468-2751-2866-2942-3053-3133 - 3190-3273-3427-3460-3461-3462 and 3500.

**Due to renew (if you please):**
605-615-620-621-630-698-701-727-786-789-858-949-1170-1213-1259-1266-1293-1657-1732-1814-1853-1854-1872-1911-2058-2067-2068-2127-2248-2329-2364-2368-2447-2452-2495-2504-2531-2576-2634-2661-2693-2761-2765 - 2770-2883-2885-2919-3003-3008-3017-3027-3036-3075-3090 - 3091-3103-3137-3173-3179-3182-3199-3204-3205-3206-3216 - 3226-3283-3293-3294-3295-3296-3299-3336-3349-3363-3373 - 3374-3378-3381-3383-3402-3420-3423-3424-3435-3464-3467 - 3469-3485-3486-3487-3488-3489-3490-3491-3492-3493-3499 - 3501-3503-3504-3505-3506-3508-3509-3511 and 3514.

Please remit direct to
DEN DANSKE BANK
2-12, Holmens Kanal
DK-1092 Copenhagen K, Denmark
Telex: 27000 - S.W.I.F.T.: DABADKKK
For the credit of our account 3001 4001 528459
Reg. No. — Account No.

## Exchange Rates for DSWCI

When paying in foreign currency, the following rates can be used:

| | | | | | |
|---|---|---|---|---|---|
| New York | 598,00 | Lissabon | 3,60 | Zürich | 431,00 |
| Frankfurt | 380,00 | Tokyo | 5,00 | Rome | 0,37 |
| Oslo | 92,00 | Athens | 2,20 | Reykjavik | 7,00 |
| Bruxelles | 18,00 | Wellington | 407,00 | Madrid | 4,40 |
| Amsterdam | 332,00 | London | 1003,00 | Montreal | 437,00 |
| Helsinki | 123,00 | Stockholm | 84,00 | Dublin | 975,00 |
| Vienna | 54,00 | Paris | 111,00 | Sydney | 450,00 |

Ex: 100.00 USD = 598,00 DKK / 100,00 DEM = 380,00 DKK.
1 IRC = DKK 5,25 / USD 0,88 / GBP 0,52 / DEM 1,38

## Dates for your Diary

**April 19th 1997:** International Marconi Day from Radio Austria Int. An Amateur Radio Special Event station will be in operation 24 hours that day. A special QSL card will be issued.

**April 25th to April 27th 1997:** 15th AIR DX Meeting 1997 in Italy. Contact Francesco Clemente, P.O. Box 128, I-33100 Udine, Italy or by e-mail: fclemente@xnet.it

**May 16th to May 18th 1997:** DSWCI Annual General Meeting & DX Camp. Contact Claus Petersen, Broendbyvestervej 122, 1. mf., DK-2605 Broendby, Denmark - or by e-mail, cf. page 2.

**June 6th to June 8th 1997:** EDXC Conference 1997 at Zlin in central Moravia, Czech Republic. Contact Jaroslav Bóhac, address cf. March 14-above.

**July 12th to August 2nd 1997:** DX Camp Döbriach, Austria. Contact Franz Ladner, Frömmlgasse 13/14, A-1210 Wien, Telephone no.: 00431-3038825.

## Cumbre DX Needs Your Help!

From Ulis R. Fleming, we have received the following e-mail:
"Thanks to the recent "on the air" efforts of Kim Andrew Elliot (Communications World), GlennHauser (World of Radio, Radio Enlace & Mundo Radial) and our own Marie Lamb (Dxing with Cumbre), the Cumbre DX Book Project is a great success! Last year we had more volunteers to send their old Passport to World Band Radio (PWBR) or World Radio TV Handbook (WRTH), than DX-ers who requested them. I have about 40 requests. We currently can not fill all requests as we do not have enough volunteers to send their old PWBR or WRTH.

Cumbre DX is sponsoring this project to help out some of our fellow DX-ers. We are also asking that you pick up the cost of shipping the book to the DX-er. While we know that this is asking a lot, consider for a moment how hard it was for you when you were trying to DX without any reference books.

So please e-mail me: ulis@ix.netcom.com and I'll send you the address of a DX-er who has requested a book. Currently most of them are from Latin America. Thank you for supporting Cumbre DX!"

# SHORTWAVES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| A | = Arabic | G | = German | LL | = Language lesson | rlg | = religious | TS | = Time signal |
| a | = approximately | H | = Harmonic frequency | mx | = music | Ru | = Russian | UNID | = Unidentified |
| adv | = advertisement | HQ | = Holy Qur'an | N | = New schedule | S | = Spanish | v | = variable |
| BI | = Bahasa Indonesia | I | = Italian | Nfq | = New frequency | SCI | = Song of Coconut Isl. | Vn | = Vernacular |
| BM | = Bahasa Malaysia | ID | = Identification | nx | = news | Sh | = Swahili | VO | = Voice of |
| C | = Chinese | IS | = Interval signal | P | = Portuguese | t | = tentative,presumed | Vt | = Vietnamese |
| E | = English | J | = Japanese | px | = programme | TC | = Time check | // | = parallel frequency |
| F | = French | LA | = Latin American | R | = Radio | tk | = talk | /1600 | = sign on at 1600 |
| | | | | | | | | * | = sign off |

Tips from non-European DX-ers are marked with an "x" in front of the frequency.
Used throughout in SWN: Frequencies in kHz - Times in UTC. Compiled by Klaus-Dieter Scholz

| | | | | | |
|---|---|---|---|---|---|
| | 2310,0 | 1941-2003 | AUS | 22.02.VL8A, Alice Springs, E, mx, wx, RTTY-QRM | 23341 CG |
| | 2325,0 | 2047- | AUS | 08.03.R. VL8T, Tennant Creek, Vn, tk | ????2 FC |
| | 2485,0 | 2048- | AUS | 08.03.R. VL8K, Katherine, E, | ????3 FC |
| x | 3214,8 | 2059-2200 | INS | 19.02.RRI Manado, Sulawesi, BI, IDs, nx, songs | 24533 SSC |
| | 3215,0 | 0300- | USA | 27.02.WWCR, Nashville, E, | 44444 BS |
| | 3232,0 | 2210-2230 | INS | 09.03.RRI Bukittinggi, BI, tks | 33332 DIP |
| | 3235,0 | 2010- | PNG | 23.02.R. West New Britain-Kimbe, Pidgin, pop mx, ID, | 23332 JPP |
| x | 3249,8 | 0127-0136 | HND | 10.03.R. Luz y Vida, San Luis, S, relig. US px, addr. | 23532 SSC |
| x | 3250,0 | 1300- | KRE | 16.02.R. Pyongyang, Japanese, | 22222 MM |
| | 3255,0 | 2035- | AFS | 08.03.BBC, Meyerton relay, E, BBCWS to Africa, nx | ????3 FC |
| | 3264,8 | 3265 | INS | 13.02.RRI Bengkulu, BI, mx, QRM-tone | 32242 OF |
| | 3270,0 | 2341-0010 | NMB | 07.03.NBC, Windhoek, Vn, tent. , pops, no TS/TC //3290 | 45343 CG |
| x | 3276,9 | 1830-1840 | MOZ | 16.02.Em. Provincial da Beira, P, local pops, ann | 34333 VK |
| | 3280,0 | 0240- | EQA | 08.02.Lv del Napo, mx, QRM by RTTY | 32342 OF |
| x | 3287,8 | 1645-1655 | MDG | 09.02.RTV Madagasikara, Vn, tks //5009,6 | 33232 VK |
| | 3300,0 | 2350-0008 | GTM | 07.03.R. Cultural, Guatemala City, S, relig. px | 33342 CG |
| | 3316,0 | 1914-1934 | SRL | 14.03.R. Sierra Leone, Goderich, Vn, tks | 44433 CG |
| | 3320,0 | 1901-1926 | AFS | 14.02.SABC, R. Sonder Grense, Meyerton, Afrikaans, nx, wx, mx | 44443 CG |
| x | 3329,5 | 0330-0340 | PRU | 23.02.R. Ondas del Huallaga, Huanucu, S, religious px | 24443 VK |
| | 3330,0 | 2040- | ZMB | 08.03.Christian R., Lusaka, Vn, tk | ????2 FC |
| N | 3335,0 | 1620-1635 | TWN | 16.03.BCC Taipeh, C, tk, light instrumental mx | 23243 AP |
| | 3339,9 | 0130- | PRU | 11.03.R. Altura, Cerro de Pasco, S, ID | 23333 JPP |
| x | 3345,0 | 0138-0200 | IND | 03.03.AIR Jaipur, Vn, mx, anns | 34333 MC |
| | 3370,0 | 0200- | ??? | 09.02.UNID LA ( R. Tezulutlan ???), S, not //4835 typical GTM mx | 24232 OF |
| | 3374,9 | 1918- | AGL | 08.03.R. Nacional de Angola, Mulenvos, P, tk | ????3 FC |
| | 3380,0 | 0215- | GTM | 09.02.R. Chortis, Jocotan, mentioned Jocotan | 23332 OF |
| | 3395,0 | 2020- | PNG | 25.02.R. Eastern Highlands, ?, pop mx | 23332 JPP |
| | 3395,1 | 2312-2319 | INS | 17.03.RRI Tanjung Karang, BI, ann, ID | 44443 CG |
| x | 3905,0 | 1958-2002 | INS | 19.02.RRI, Merauke, BI, RRI-ID, nx | 25533 SSC |
| x | 3945,0 | 1530-1722 | J | 25.02.Experimental R. of the Univ. of Electric Comm., Japanese | 54444 NA |
| | 3950,0 | 2340-2353 | CHN | 22.02.Quinghai, Xining, C, tks, sporadic QRM from HAMs in Italy | 44443 CG |
| | 3990,0 | 1415-1430 | CHN | 10.02.PBS Xinjiang, Uhigur, mx, ann | 34??3 OTG |
| | 4003,2 | 1556-1620 | INS | 08.03.RRI Padang , BI , pops, sci, ID, | 15232 DP |
| x | 4004,9 | 2354-0110 * | PRU | 14.02.La Voz del Campesino, Alto Piura, mx, ID, mx, ID, 0110 S/O | 22222 PFS |
| x | 4010,0 | 0005-0025 | KGZ | 10.02.Kyrgyz R. Bishkek, Ru, nx, commentary, tks, light mx | 24322 VK |
| x | 4035,0 | 0108-0123 | CHN | 07.02.PBS Xizang, Lhasa, Tipet, C, comms, anns, local mx, ID | 23122 CMO |
| x | 4039,2 | 0002-0050 | PRU | 03.03.R. Marginal, Tocache, S, mx, ID, | 33333 PFS |
| | 4115,0 | 1551- | ??? | 15.02.UNID, tks on Kurds | 32332 AAM |
| | 4190,0 | 2205-2225 | CHN | 15.03.China National R. , Mongolian, tks //4800//5420 | 44343 CG |
| x | 4279,4 | 1127-1150 | PRU | 28.02.R. Cajamarca, Cajamarca, S, nx, ID, nx, | 33333 PFS |
| x | 4419,4 | 0020-0045 | PRU | 18.02.R. Bambamarca, S, ID, px " Salutos y mensajes ", ID | 33333 PFS |
| x | 4449,9 | 0053-0125 | BOL | 03.03.R. La Frontera, Cobija, Pando, S, word px, ID, | 33333 PFS |
| x | 4460,0 | 0049-0125 | PRU | 18.02.R. Nor Andina, Celendin, Cajamarca, S, ID, | 33333 PFS |
| | 4471,9 | 2300-2305 | BOL | 22.03.R. Movima, Santa Ana de Yacuma, S, ID, tk, faded | 24232 DP |
| x | 4505,1 | 2340-0010 | PRU | 19.03.R. Horizonte, Chiclayo, Lambayeque, S, advs, ID | 22222 PFS |
| | 4545,0 | 1630-1640 | KAZ | 08.03.R. Almaty, Vn, mx, ann | 43443 OP |
| x | 4552,0 | 0038-0100 | BOL | 19.03.R. Difusora Tropico, Trinidad, S, tk, ID, | 33333 PFS |
| x | 4565,0 | 0140-0230 | PRU | 10.02.R. Gotas de Oro, Chiclayo, S, mx, ID, | 33333 PFS |
| x | 4600,0 | 0115-0145 | BOL | 05.03.R. La Perla del Acre, Cobija, Pando, S, mx, ID, | 33333 PFS |
| | 4600,0 | 2320-2330 | BOL | 10.03.R. Emisoras Villamontes, S, tk, LA-mx | 34332 DIP |
| x | 4632,5 | 0110-0125 | BOL | 08.02.R Once de Octubre, Conija, S, nx | 24433 MC |
| x | 4682,2 | 0110-0140 | BOL | 19.03.R. Paititi, Guayaramerin, S, px Salutos y mensajes, ID, mx, | 22222 PFS |
| x | 4702,3 | 2325-2350 | BOL | 06.03.R. Ecos, San Borja, S, ID, mx, | 22222 PFS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 4720,0 | 2300-2310 | | BOL | 10.03.R. Aboroa, Riberalta, S, tk | 24333 | DIP |
| | 4725,0 | 1430- | | BRM | 09.02.R. Myanmar-Yangon, Burmese, tks | 34??3 | OTG |
| | 4726,0 | 2325-2345 | | PRU | 22.02.R. Satelite, Santa Cruz, S, messages and Peruanian songs | 34333 | DIP |
| | 4735,0 | 1515-1525 | | CHN | 11.02.PBS Xinjiang, Urumqui, Uhigur, Vn, chinese mx, ann | 34333 | OP |
| x | 4747,5 | 2300-2330 | | PRU | 12.02.R. Huanta 2000, Huanta,Ayacucho, S, mx, ID | 44444 | PFS |
| | 4753,4 | 2211- | | INS | 08.03.RRI Ujung Pandang, BI, indonesian mx | ????3 | FC |
| x | 4760,0 | / 0258-0315 | | SWZ | 04.02.TWR, Manzini, Swahili, ID | 24222 | CMO |
| x | 4760,0 | 0030-0038 | | IND | 20.02.AIR Port Blair ( Andeman & N. Isl ), E, nx, AIR ID | 25533 | SSC |
| x | 4764,0 | 1154-1230 | | PRU | 28.02.R. Chincheros, Chincheros, Apurimac, S, word px, ID | 33333 | PFS |
| x | 4766,0 | 2340-0002 | | INS | 09.03.RRI Medan, BI, long OM speech, march mx, ID, nx | 25533 | SSC |
| | 4770,0 | 2310-2320 | | EQA | 10.03.R. Sentinela del Sur, Loja, S, tk, mx, lingles | 32333 | DIP |
| x | 4774,9 | 0425-0435 | | B | 21.02.R. Liberal, Belem, P, songs, tk, ID | 34533 | SSC |
| | 4775,0 | 1550-1600 | | IND | 11.02.AIR Imphal, Vn + E, economic rpt., ann | 44343 | OP |
| x | 4775,0 | 0159-0204 | | PRU | 04.03.R. Tarma, Tarma, S, nx , ID, ID in E !! | 34433 | MC |
| | 4777,0 | 1910-1917 | | GAB | 22.03.R. Dif. Gabonaise, Libreville, F, mx, ann, ID | 33333 | WST |
| x | 4777,7 | 1048- | | BOL | 08.02.R. Andes, Uyani (t), S, tk, local mx | 23??2 | YM |
| x | 4785,1 | 0235-0255 | | B | 02.03.R. Caiari, Porto Velho, P, local mx, ann | 24322 | VK |
| | 4789,1 | 2130- | | INS | 25.02.RRI, Fak-Fak, BI, light mx, | 23332 | JPP |
| | 4790,0 | 2250-2305 | | PRU | 17.03.R. Atlántida, Iquitos, S, flute and pipes mx, tent. | 24232 | DP |
| | 4799,8 | 0230- | | GTM | 13.03.R. Buenas Nuevas, , San Sebastian H., S, ID | 33333 | JPP |
| | 4800,0 | 1635- | | IND | 09.03.AIR Hyderabad, Vn, orations | ????3 | FC |
| | 4805,0 | 2240-2250 | | B | 09.03.R. Dif. do Amazonas, Manaus, P, adv, jingles, mx | 43333 | DIP |
| | 4805,0 | 0002- | | B | 23.03.R. Jesus del Gran Poder, S, football report, tent | 33333 | WST |
| | 4815,0 | 0210-9300 | * | B | 19.02.R. Difusora do Para, Belém, P, rel. px | 25222 | PP |
| x | 4815,0 | 1755-1816 | | BFA | 04.03.R. Burkina Faso, Ouagadougou, F, ID, mx, time check, mx, | 34444 | MV |
| | 4819,2 | 0100- | | HND | 09.02.LV de Evangelica, Tegucigalpa, S, rig. px | 32332 | OF |
| x | 4820,0 | 2315-2325 | | CHN | 11.02.Xizang PBS, Lhasa, Tibet, native mx //4035//5995//6200 | 24332 | RS |
| | 4825,0 | 0145- | | GTM | 09.03.R. Mam, Cabrican, S, IDs | 32333 | JPP |
| | 4825,0 | 2330-2340 | | PRU | 10.03.LV de la Selva, Iquitos, S, tk , LA-mx, bad audio | 43443 | DIP |
| x | 4828,0 | 1749-1811 | | ZWE | 18.02.ZBC, Gweru, Vn, theatre, ID, nx | 24533 | SSC |
| | 4830,0 | 2240-2250 | | VEN | 22.02.R. Tachira, San Cristóba, S, LA-mx, tk | 55544 | DIP |
| x | 4830,6 | 1910-1938 | | PRU | 22.02.R. Lircary, Angaraes, Huancavelinca, S, folk-mx, ID, mx | 33333 | PFS |
| | 4831,8 | 0849-0913 | | CTR | 12.03.R. Reloj, San Jose, S, light songs, f/out | 25332 | CG |
| x | 4840,0 | 1115-1145 | | PRU | 08.03.R Andahuaylas, Andahuaylas, advs, ID, nx | 33333 | PFS |
| | 4845,0 | 0130- | | GTM | 09.03.R. K'ekchi', Fray Bmé de las Casas, S, ID | 32333 | JPP |
| | 4845,0 | 2353-0006 | | BOL | 11.03.R. Fides, La Paz, S, (t), tks | 45343 | CG |
| x | 4850,0 | 2220-2300 | | CHN | 11.02.CPBS 1, Beijing, C, tks, with mx-bridges, //4460//6045 | 35433 | RS |
| x | 4850,0 | 0212-0218 | | IND | 08.03.AIR Lucknow, Vn, instrumental mx | 22332 | MC |
| | 4850,0 | 1900- | | CME | 09.03.CRTV, Yaounde, F, mentioning "Maison de la Radio" | ????3 | FC |
| | 4855,0 | 2340-2350 | | BOL | 10.03.R. Centenario de Nueva, Santa Cruz (t), S, tk, sport event | 54343 | DIP |
| x | 4855,0 | 2251-2258 | | PRU | 24.03.R. La Hora, Cusco, S, tk, adv, tentive ID, best in USB | 24343 | MV |
| x | 4860,0 | 2215-2218 | | RUS | 21.02.R. Chita with R. Rosii relay, Ru, instrumental mx, ID | 34533 | SSC |
| x | 4865,0 | 0130-0206 | | B | 14.03.R. Alvorada, Londrina, P, ID, mx | 44444 | PFS |
| | 4870,0 | 0230- | | EQA | 14.02.Voz del Ubano, Macas, S, tks, ID | 34232 | PP |
| x | 4870,0 | 0210-0240 | * | EQA | 14.03.R. Difusora Católica Cultural ( LV del Napo ) , Macos, S, mx | 33333 | PFS |
| | 4875,0 | 2320-2325 | | B | 24.02.R. Clube do Para, Belem, P, tk | 43433 | DIP |
| | 4875,0 | 2305-2310 | | B | 02.03.R Difusora de Roraima, Boa Vista, P, adverts, ID | 24333 | DP |
| | 4875,0 | 2336-2341 | | BOL | 16.03.La Cruz del Sur, La Paz, S, tk, indian songs, hymns, ann, | 44333 | JD |
| x | 4876,0 | 2001- | | CLA | 23.02.UNID, A, sev. days, spurious ???, nx, mx | 24533 | SSC |
| x | 4880,0 | 0107-0115 | | IND | 23.02.AIR Lucknow, Vn, indian song, ID in E | 34533 | SSC |
| | 4885,0 | 2152-2157 | | B | 21.03.R. Clube do Para, Belem, P, fading, my first log on Forster I | 23333 | WST |
| x | 4886,6 | 1110-1140 | | PRU | 15.03.R. Villa Rica, Huancavelica, S, mx, ID | 44444 | PFS |
| | 4890,0 | 1952-1957 | | PNG | 25.02.NBC, Port Moresby, E, mx, slow beat, song, ann, mx | 33233 | JD |
| x | 4895,0 | 0100-0106 | | IND | 23.02.AIR Kurseong, Vn, Akashvani, songs, adv | 34533 | SSC |
| x | 4895,0 | 0140-0205 | | B | 23.02.R. IPB AM, Campo Grande, P, religious px, ann tk | 33322 | VK |
| | 4895,0 | 0230-0245 | | CLM | 02.03.LV de Rio Arauca, Arauca (t), S, tk | 35332 | DIP |
| x | 4895,1 | 1140-1205 | | PRU | 15.02.R. Chanchamayo, La Merced, ID | 33333 | PFS |
| x | 4904,5 | 0528-0544 | | TCD | 08.02.Rdif.Nationale Tchadienne, N'Djaména, F, mx, ID, anns, nx | 34212 | CMO |
| x | 4904,7 | 1942-2017 | | PRU | 23.02.R. La Oroya, La Oroya, S, ID, mx | 22222 | PFS |
| x | 4904,8 | 0210-0240 | | PRU | 16.02.R. La Oroya, La Oroya, S, romantic mx, ann | 24342 | VK |
| | 4910,0 | 1800-1815 | | ZMB | 22.03.R. Zambia, Lusaka, E, local mx, drums, ID | 34333 | DP |
| | 4914,4 | 0730-08.05 | | PRU | 18.03.R. Cora del Perú, Lima, S, LA pops, ID | 24333 | DP |
| | 4915,0 | 0245-0300 | | B | 02.03.R. Anhanguera, Goiânia, P, tk, jingles | 33333 | DIP |
| | 4915,0 | 2200-2215 | | GHA | 03.03.GBC, Accra, E, nx, ID, song | 33433 | DP |
| x | 4919,0 | 0012-0040 | | EQA | 21.03.R. Quito, Quito, S, ID "R. Quito, LV de Capital" | 33333 | PFS |
| | 4920,0 | 2314-2330 | | CLN | 06.03.SLBC, Ekala, Sinhala, chantings, tks | 34343 | CG |
| | 4920,0 | 1640- | | IND | 09.03.AIR, Madras, ?, Sitar mx | ????4 | FC |
| x | 4923,6 | 2238-2247 | | BOL | 09.03.R. San Miguel, Riberalta, S, tks, ID | 23533 | SSC |
| x | 4925,0 | 2204-2210 | | INS | 24.03.RRI, Jambi, BI, reportts from correspondents | 23332 | MV |
| | 4930,0 | 2340-2345 | | HND | 14.03.R. Internacional HRQO , San Pedro Sula, S, song, ann, son | 32332 | JD |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 4935,0 | 07.00- | | B | 06.02.R. Capixaba, Victoria,P ,Preacher in P whipping up crowd | 23232 | PP |
| x | | 4935,0 | 1125-1208 | | PRU | 20.02.R. Tropical, Tarapoto, San Martin, S, ID, px * El Matutino, ID | 44444 | PFS |
| | | 4940,0 | 0410- | * | VEN | 09.02.R. Amazonas, S, ID, na, c/d | 44444 | OF |
| x | | 4940,0 | 0052-0058 | | IND | 23.02.AIR Guwahati, Vn, anns, folk songs | 33533 | SSC |
| | | 4940,0 | 0000-0150 | | CLM | 17.03.SLBC, Ekala, british evergreens, very bad voice modulation | 34342 | AP |
| | | 4945,0 | 2100- | | B | 22.02.Emiss. Rual A Voz do São Francisco, Petrolina, P | 33333 | JPP |
| | | 4945,0 | 2323-2327 | | BOL | 14.03.R. Illimani,La Paz, S, tk, ann, song, | 33222 | JD |
| | | 4950,0 | 0110- | | PRU | 09.02.R. Matre de Dios, Puerto Maldonado, S, ID, nx | 33433 | OF |
| | | 4950,0 | 1655- | | IND | 09.03.AIR Srinagar-Kashmir, Vn, sitar mx | ????3 | FC |
| | | 4955,0 | 2300-2310 | | CLM | 22.02.R. Dif. Nacional do Colombia, Bogoda, S, tk, LA-mx | 43333 | DIP |
| x | | 4955,0 | 1155-1230 | | PRU | 15.03.R. Cultural Amauta, Huanta, S & Quechua, relig. px, ID | 44444 | PFS |
| | | 4959,7 | 2220-2230 | | VTN | 17.03.Hanoi 2, Hanoi, Vietnamese, tk, local mx, | 24333 | DP |
| | | 4960,0 | 1905- | | VUT | 08.03.R. Vanuatu, E, local nx //3945 | ????3 | FC |
| | N | 4960,0 | 2250-2300 | | VTN | 09.03.Vo Vietnam 2, Hanoi, Vietnamese, tk | 54444 | DIP |
| x | | 4969,1 | 2350-0025 | | PRU | 05.03.R. Imagen, Tarapoto, S, ID | 33333 | PFS |
| x | | 4970,0 | 0044- | | IND | 23.02.AIR Shillong, Vn, songs, under CHN | 11531 | SSC |
| x | | 4974,8 | 0050-0118 | | PRU | 21.03.R. del Pacifico, Lima, S, relig. px, ID // 640 kHz | 44444 | PFS |
| | | 4976,0 | 1753-1805 | | UGA | 23.03.R. Uganda, Kampala, E, long dicussion , interview, sport nx | 32232 | BGN |
| | | 4980,0 | 2240-2310 | | VEN | 11.03.Ecos del Torbes, San Cristóbal, S, nx, TS, advs, ann | 45434 | CG |
| x | | 4990,9 | 0439-0446 | | PRU | 21.02.R Ancash, Huaraz, S, song, anns, | 25533 | SSC |
| | | 5000,0 | 1740-1755 | | ERI | 22.03.Vo Broad Masses of Eritrea, Asmara, Vn, singing, tentive | 32232 | DP |
| | | 5005,0 | 1645- | | NPL | 02.03.R Nepal, Khumaltar, Vn, nepali mx, tks | ????3 | FC |
| x | | 5005,0 | | | MLA | 02.03.R. Malaysia, Sibu, Sarawak, Vn, song, YL ment MLA, songs | 25533 | SSC |
| | | 5009,5 | 1845-1900 | * | MDG | 04.03.R. Malagasy, Antananarivo, Vn, local mx, anthem | 34233 | DP |
| x | | 5013,2 | 2222-2234 | | DOM | 09.03.R Cristal, Santo Domingo, S, merengues, ID | 24533 | SSC |
| | | 5015,0 | 1650-1700 | | TKM | 12.02.R. Turkmen, Ashkhabad, Vn, word-px, ann | 43433 | OP |
| | | 5020,0 | 0420-0454 | | CLM | 24.02.Ecos del Atrato, Quibdo (t), S, LA-mx, non stop mx | 33333 | DIP |
| | | 5020,0 | 2314-2330 | | CHN | 11.03.Xizang PBS-Lhasa-Tibet, tibetan, QRM: CLN | 34433 | CG |
| x | | 5025,0 | 2311-2316 | | PRU | 03.03.R. Quillabamba, Quillabamba, Cusco, S, ID, TA, | 24543 | SSC |
| x | | 5025,0 | 2210-2217 | | AUS | 07.03.VL8K, ABC Katherine, E, pop songs, tk, ID | 15532 | SSC |
| x | | 5025,0 | 2211-2219 | | BEN | 09.03.ORTB, Parakou, Vn + F, afro pop, | 25533 | SSC |
| | | 5025,0 | 2318-2338 | | CUB | 11.03.R. Rebelde, Bauta, S, tk on books, songs | 45343 | CG |
| x | | 5026,0 | / 0259-0330 | | UGA | 25.02.R. Uganda, Kampala, Swahili, IS, tks, mx | 34433 | MC |
| | | 5027,0 | 1750-1806 | | PAK | 08.03.R. Pakistan, Quetta, Vn., speeches, mx, ID | 33333 | DP |
| x | | 5029,9 | 1320- | | VTN | 04.02.Hanoi Hmong Sce., Hmong, pres. mixing with Kuching | 23332 | RS |
| | | 5030,0 | 2220-2240 | | MAL | 16.03.R. TV Malaysia, Kuching, Sarawak, C, tks, mx | 34232 | BN |
| x | | 5030,1 | 0435-0440 | | CTR | 08.02.AWR Alajuela, E, songs | 35444 | VK |
| | | 5039,0 | 2350-0005 | | PRU | 10.03.R. Libertad, Junin, S, excided DJ, Andes songs | 44333 | DIP |
| | | 5040,0 | 2330-2340 | | UZB | 11.03.R. Tashkent, C, ID, QRGs, mx, songs | 44333 | CG |
| | | 5050,4 | 2339-2352 | | EQA | 11.03.R. Jesus del Gran Poder, Quito, S, nx, TC | 34343 | CG |
| x | | 5054,9 | 2118-2139 | | GUF | 24.03.RFO Cayenne, F, tk, pop mx, ann | 34343 | MV |
| | | 5055,0 | 0710-0730 | | CTR | 27.02.Faro del Caribe, San José, S, violin-jingles, nx, LA-mx | 43333 | DIP |
| | | 5066,0 | 1720-1745 | | ZAI | 08.03.R. Candip,Vo Peoble, Vn, local mx, tent | 13131 | DP |
| x | | 5076,8 | 1105-1125 | | CLM | 22.03.R. Caracol, Bogotá, S, ID, | 44444 | PFS |
| x | | 5085,0 | 0407-0412 | | USA | 08.02.R. WGTG, Mc Kaysville, E, relig. px | 24432 | MC |
| x | | 5100,0 | 2334-2449 | | LBR | 07.02.R Liberia Int'l, Monrovia, E, anns, local mx, ID | 33222 | CMO |
| x | N | 5163,0 | 2303-2128 | * | CHN | 11.02.China National R.2 , C, female tks //4800//4905// | 35543 | RS |
| x | | 5235,4 | 1207-1240 | | PRU | 17.02.R. Apurimac, Abancay, S, ID | 33333 | PFS |
| x | | 5323,6 | 1125-1132 | | PRU | 06.03.R. Origen, Huancavelica (t), S, tk | 22??2 | YM |
| x | | 5385,2 | 0012-0034 | | PRU | 12.02.R. Huaraca, Huarmaca, S, advs, ID, mx | 22222 | PFS |
| | | 5420,0 | 2202-2220 | | CHN | 15.03.China National R. Minor. PX, Mongolian, tks, //4800//4190 | 45333 | CG |
| x | | 5500,0 | 0411-0426 | | CLA | 08.02.Vo Tigray Revolution, Mek'ele, Tigre, nx, anns, ID, local mx | 23122 | CMO |
| x | | 5556,2 | 2355-0010 | | PRU | 06.03.R. Santa Fe, S, ID | 11111 | PFS |
| x | | 5575,3 | 0205-0305 | | PRU | 26.02.R. San Juan, Ten Bagua Grande, S, mx, ID | 11111 | PFS |
| x | | 5619,2 | 0230-0235 | * | PRU | 08.02.R. Ilucan, Cutervo, Cujamarca, S, tks, jingle, | 34323 | VK |
| | | 5645,9 | 0204-0214 | | PRU | 08.03.La Voz de San Antonio, Bambamarca, S, ID, songs | 25532 | SSW |
| | | 5700,1 | 0147-0230 | | PRU | 08.03.R Frecuencia, San Ignacio, S, songs, IDs, | 15332 | SSW |
| | N | 5750,0 | 1732-1745 | | TJK | 04.03.Tajik R., Tajik, mx, msg, mx //1323//4635//5800 | 53533 | VO |
| x | | 5767,2 | 1204-1240 | | PRU | 14.02.R. Moyombamba, San Martin, S, mx, ID, | 22222 | PFS |
| | | 5810,0 | 2200-2300 | | USA | 09.02.Vo Free China, Florida, E, Mailbag | 34422 | SP |
| x | | 5818,9 | 1110-1116 | | PRU | 14.03.R. Cadena Radio Victoria, E, relig. px, ID | 44444 | PFS |
| | | 5860,0 | / 0830- | | EQA | 23.03.R. HCJB, Pifo, E, christian px | 34333 | KDS |
| x | | 5894,8 | 2324-2350 | | PRU | 14.02.R. Paucartambo, Paucartambo, Cusco, S, ID, mx | 22222 | PFS |
| x | | 5895,0 | 0351-0406 | | HRB | 08.02.Hrvatski R, Zagreb, Croatian, reports from Zagreb, nx, mx | 33222 | CMO |
| x | | 5905,0 | / 0030-0037 | | NOR | 18.02.R. Danmark, Danish, IS, nx | 44444 | MC |
| x | | 5952,4 | 0150-0220 | | BOL | 08.03.R. Pio XII, Siglo Veinte, Quechua, ID | 33333 | PFS |
| x | | 5955,1 | 1226-1300 | | PRU | 22.03.R. Estación UNO, Pucará, Jaen, Cajamarca, S, mx, ID | 33333 | PFS |
| | | 5976,2v | 1402-1609 | | PRG | 15.02.R. Guaira, Guaira, reactivated QRG, 1602: nx, low modulatic | 33433 | LI |
| | | 5990,0 | 1805-1815 | | I | 16.02.RAI, Roma, G, IS, ID, NX, word px | 55555 | KDS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 6000,0 | 0040-0050 | | SNG | 09.02. | SBC, Singapore, C, ann | 44??4 OTG |
| | | 6000,0 | 0105-0115 | | CUB | 02.03. | RHC, Habana, E, nx, ID //9830 in USB | 44444 DP |
| x | | 6009,9 | 0450-0505 | | B | 23.02. | R. Inconfidencia, Belo Horizonte, P, local mx, ann | 33443 VK |
| x | | 6018,2 | 0418-0505 | | PRU | 23.02. | R. Victoria, Lima, S, LV de la Liberacion, songs, TS, IDs, //9 | 15532 SSC |
| x | | 6025,0 | 0149-0204 | | BOL | 08.02. | R. Illimani, La Paz, S, tropical mx, ann, ID | 34433 CMO |
| | | 6025,0 | 0540- | | NIG | 20.02. | R. Nigeria, Enugu, Vn, mx, ID, at 0550 blocked my R. Buda | 23332 PP |
| x | | 6030,0 | 0718-0734 | | CLA | 08.02. | R. Marti, S, latin american mx, ID | 45434 CMO |
| x | | 6040,0 | 2205-2220 | | B | 21.02. | R. Clube Paranaense, Curitiba, P, comms, anns, mx | 44333 CMO |
| x | | 6045.3 | 1229-1300 | | PRU | 26.02. | R. Santa Rosa, Lima, S, ID, nx, //1500 kHz | 33333 PFS |
| x | | 6055,0 | 1905-1910 | | RRW | 16.02. | RRR Kigali, E, nx | 44444 VK |
| x | | 6080,0 | 1210- | | EQA | 20.02. | R. HCJB, S, relig. px, | 33333 PFS |
| | | 6085,0 | 2015-2100 | | OMA | 05.02. | R. Oman, Thamartit, A, word px, arabic mx, phone calls | 43443 KDS |
| | | 6090,0 | 0725- | | CHL | 20.02. | R. Esperanza, Temuco, S, mx, tks, ID | 22332 PP |
| | | 6095,0 | 1000-1010 | | RUS | 04.02. | R. Tyumen, Kanty-Mansiysk, Ru, TS, mx, ID, wx, nx, // 482 | 25343 VO |
| | | 6095,0 | 2315- | | PRU | 04.03. | R. Nacional, S, nx | 32332 JPP |
| x | | 6096,4 | 1140-1230 | | PRU | 14.03. | R. Interoceánica, Puno, S, ID, nx, ID | 33333 PFS |
| x | | 6110,0 | 0220-0230 | * | ASC | 23.02. | RAI-relay, Italian, light pops, nx, ann | 34443 VK |
| | | 6115,0 | 0730- | | PRU | 14.02. | R. Union, Lima, S, la mx, | 22221 PP |
| | | 6125,0 | 1959- | | E | 14.02. | REE Madrid, E, ID, IS, nx | 44232 AAM |
| x | | 6130,0 | 0055-0100 | | LAO | 12.02. | Lao National R, Vientiane, Loatian, trompets, ID, mx | 25532 RS |
| x | N | 6135,0 | 1315- | | SNG | 07.02. | RSI Singapoore, BI, popular indonesian MX | 45544 RS |
| x | | 6140,0 | 1058-1111 | | URG | 08.03. | R. Monte Carlo, Montevideo, S, tk, ID | 22??2 YM |
| | | 6155,0 | 0030-0040 | | SNG | 09.02. | Singapoore R. One, E, mx, ann, | 44??4 OTG |
| x | | 6155,0 | 1720-1730 | | SWZ | 16.02. | Swazi Commercial R., E, inspirational songs and offers | 44544 VK |
| | | 6155,0 | / 1230- | | AUT | 09.03. | R. Austria Int'l, Esperanto, phone call | 55555 KDS |
| | | 6159,0 | 2141-2201 | * | CYP | 10.02. | R. Bayrak, Northern Cyprus, nonstop US mx, 2200 ID in E | 33532 ME |
| x | | 6173,8 | 0024-0050 | | PRU | 21.02. | R. Tawuantisuyo, Cusco, S, ID, nx in S and quechua | 44444 PFS |
| | | 6180,0 | 0201-0207 | | ARS | 01.03. | BSKSA, Riyadh, A, IS, nx, | 21531 VO |
| | | 6185,0 | 0845- | | MEX | 14.02. | R. Educacion, Mexico City, mx, piano mx, ID | 23332 PP |
| x | | 6203,7 | 2230-2235 | | PRU | 14.02. | R. Cusco, Cusco, S, ann, tks, adverts | 24433 VK |
| | | 6210,0 | / 0300-0318 | | IRN | 05.02. | IRIB, Teheran, Armenian, TS, IS, sked, mx | 45444 VO |
| x | | 6210,0 | 0411-0426 | | ETH | 08.02. | R. Fana, Addis Abeba, Vn, local mx, ann, | 23122 CMO |
| | | 6250,0 | 1910- | | GNE | 08.03. | R. Malabo, S, local tks | ????2 FC |
| | | 6250,1 | 2303-2315 | | KRE | 15.03. | Pyongyang BC Station, Pyongyang, Korean, tks | 34332 CG |
| x | | 6315,0 | 0330- | | ETH | 07.03. | Vo the Revolution of Tigray, Vn., IS, | ????? JB |
| x | | 6479,8 | 0013-0046 | | PRU | 23.03. | R. Altura, Huarmaca, S, peruanian mx, ann, tk, mx | 23333 MV |
| | | 6499,0 | 2345-0000 | | ??? | 22.02. | UNID, Vn, strange songs - solo by the DJ - no mx instrumen | 25532 DIP |
| | | 6725,0 | 0037-0042 | | PRU | 23.03. | R. Satélite, Santa Cruz, S , football, ID, | 24333 WST |
| | | 6890,0 | 2140-2158 | | CHN | 15.03. | China National R. 2, C, tks, //9064//7770//7516//11610 | 15432 CG |
| x | | 6975,3 | 0112-0140 | | LAO | 12.02. | Louang Prabang, Laotian, Laotian pres, tks, native mx, ID | 25432 RS |
| x | | 7085,0 | 0426-0441 | | ERI | 07.02. | Vo Broad Masses of Eritrea, Asmara, Vn, local mx, political | 22222 CMO |
| | N | 7100,0 | 1215-1225 | | CHN | 24.02. | CNR, Chinese, dialogue //6890//9064//11610//11740 | 23333 VO |
| | | 7105,0 | 0450-0445 | | ??? | 09.03. | UNID,Vn, ann, mx, msg, tk, song, under TWN | 11221 VO |
| x | | 7110,0 | 0357-0413 | | ETH | 07.02. | R. Ethiopia, Addis Abeba, Vn, local mx, ann, ID, nx | 44334 CMO |
| | | 7130,0 | / 0200-0215 | | YUG | 06.02. | R. Yugoslavija, E, IS, QRGs, nx, jingle, | 23443 VO |
| | N | 7130,0 | 1515-1512 | | TUR | 22.02. | TRT, A, nx, mx, ID | 53543 VO |
| | | 7140,0 | 1135-1150 | | I | 22.02. | R. Maria, Italian, relig. px, prayer, ann | 43333 OP |
| | N | 7165,0 | 0233-0246 | | HRB | 14.02. | Hrvatski R., Zagreb, Croatian, nx, wx, ID, tk //5895 | 24333 VO |
| | | 7170,0 | 0040-0045 | | SNG | 08.02. | R. Singapoore, Tamil, mx, ann | 33??3 OTG |
| | | 7200,0 | 1600-1605 | | SDN | 12.02. | Sudan National BC, Omdurman, Swahili, TS, ID, mx | 32332 VO |
| | | 7215,0 | 1540-1550 | | IRN | 08.02. | IRIB, Vo Islamic Rep. of Iran, E, nx | 34??3 OTG |
| | | 7215,0 | 0620- | | CTI | 20.02. | R. Coté d'Ivoire,Abidjan, F, nx, ID | 45443 PP |
| x | | 7230,0 | 2204-2220 | | OMA | 07.02. | R. Sultanate of Oman, Seeb, A, arabic mx, tks | 43433 CMO |
| | | 7230,0 | 0745- | | G | 16.02. | NHK relais, E, DX px, Media Roundup | 34343 AAM |
| | | 7245,0 | 0219-0235 | | AGL | 13.03. | R. Nacional de Angola, Mulenvos, P, song, tk, ann, song | 13221 VO |
| | | 7255,0 | 1720-1730 | | NIG | 12.02. | Vo Nigeria, Vn, african instrumental mx, ann | 33333 OP |
| x | | 7265,0 | 0234-0242 | | D | 02.03. | SWF, Rohrdorf, G, pop mx, ann | 24333 MC |
| | | 7270,0 | 0600- | | GAB | 20.02. | R. Diff. Gabonaise, Moyabi, F, nx, ID | 34332 PP |
| | | 7300,0 | 0815- | | SVK | 02.03. | R. Slovakia, G, sports | 55555 KDS |
| | | 7349,0v | 0320-0329 | * | PAK | 01.03. | R. Pakistan, Vn, ID, mx | 43443 VO |
| | | 7380,0 | 1610-1620 | * | RUS | 09.02. | Vo Russia, E, nx, Moscow Mail Bag | 34??3 OTG |
| | | 7465,0 | 2000-2030 | | ISR | 05.02. | Kol Israel, Jerusalem, E, nx | 45444 SP |
| | | 7535,0 | 0900-0930 | | USA | 23.03. | R. WSHB Cypress Creek, G, relig. px | 44444 KDS |
| | | 7570,0 | 1657-1717 | | ??? | 02.03. | UNID, asian Vn, tk, song, addr in Washington ( VO Free Asi | 34333 VO |
| | | 7935,1 | 2137-2154 | | CHN | 15.03. | China National R. 1, C, tks //9080//7935//7504//6840 | 35433 CG |
| | | 7970,0 | 2152- | | RUS | 09.03. | R. Rossii, songs, comments | 55555 ZL |
| | | 9022,0 | 1853- | | IRN | 14.02. | IRIB, Kalamabad, F, tk | 32332 AAM |
| | | 9064,0 | 2342-2356 | | CHN | 12.03. | China National R. 2, C, tks ny male and female speakers | 25432 CG |
| | | 9080,0 | 1635-1645 | | CHN | 08.02. | CNR 1, C, english cloassical mx //9290//7935//7500//6840//6 | 34??3 OTG |
| x | | 9200,0 | 0430-0446 | | SDN | 28.02. | R. Omdurman, Omdurman, A, nx, ann, local mx, | 33233 CMO |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 9280,0 | | 1500-1515 | TWN | 18.03.R. WYFR, C, mx, tks, hymns | 44444 | BN |
| | 9355,0 | | 1545-1557 | MRA | 09.02.R. KHBI, Saipan, E, relg. px, 1600 UTC: Russian px | 34??3 | OTG |
| | 9385,0 | | 1615-1630 | MRA | 09.02.R. KHBI, E, Mariana Islands Christian Science R. | 34??3 | OTG |
| | 9390,0 | | 1500-1530 | ISR | 22.02.KOL Israel, E, ID, nx, | 54444 | OP |
| | 9400,0 | | 2331-2351 | CTR | 17.03.RFPI, Cd. Colon, E, advs, phone-in, USB | 35443 | CG |
| | 9405,0 | | 0915-0920 | PHL | 09.02.FEBC, Chinese px | 34??3 | OTG |
| x | 9430,0 | / | 1159-1215 | GUM | 04.02.KTWR, Agaña, Saipan, E, IS, ID, nx, relig.px, | 32332 | CMO |
| x | 9455,0 | | 1325-1355 | MRA | 07.02.R. Free Asia, Saipan, Tibetian, political rep., 13.40 ID | 45554 | RS |
| x | 9505,0 | | 2202-2207 | B | 09.03.R. Record, Sao Paulo, P, ID, football | 34433 | SSC |
| x | 9530,0 | | 1035-1040 | GUM | 09.02.KSDA, AWR-Asia, Agat, E, Wave Scan PX, | 33433 | RS |
| | 9535,0 | | 1958- | THA | 22.02.R. Thailand, E & Vn, nx, | 43333 | AAM |
| x | 9552,5 | | 0757- | INS | 01.03.RRI, Ujang Pandang, BI, islamic mx | 34??3 | YM |
| | 9565,0 | | 2225-2230 | B | 11.03.R. Universo, Curitiba, P, tk, mx | 33433 | DIP |
| | 9580,0 | | 0945-1000 | HKG | 09.02.BBC, Hingkong, E, nx | 33??3 | OTG |
| | 9585,0 | | 2230-2245 | B | 11.03.R. CBN Globo, Sao Paulo, P, tk | 32432 | DIP |
| | 9590,0 | | 1300-1330 | NOR | 23.02.R. Norway Int'l, E, Norway Now | 44444 | SP |
| | 9610,0 | | 2314-2331 | TWN | 18.02.BCC, News Network, Annan, C, tks, classical mx | 45444 | CG |
| | 9615,0 | | 2308-2330 | B | 18.02.R. Cultura, Sao Paulo, P, Braz. songs of the 40's | 32432 | CG |
| | 9615,0 | | 1600-1630 | AUS | 08.03.R. Australia, E, ID, nx, | 44444 | OP |
| | 9635,0 | | 1445-1510 | MLI | 19.03.R Dif.TV Malienne, Bamako, Vn, tks, western songs, nx | 44433 | CG |
| | 9645,0 | | 0430- | B | 18.02.R. Bandeirantes, São Paulo, P, tk, mx, ID | 35333 | PP |
| | 9650,0 | | 1745-1800 | IND | 27.02.AIR, Delhi, E, ID, Indian mx, ann | 44444 | OP |
| | 9650,2 | | 0250-0302 | URG | 05.03.Em.Ciudad de Montevideo, S, tk, song, ID | 12211 | VO |
| | 9655,0 | | 0310-0320 | THA | 09.02.R. Thailand, E, frequencies | 34??3 | OTG |
| x | 9665,0 | | 0924-0931 | B | 05.03.R. Marumby, Florianopolis, P, ID | 33??2 | YM |
| x | 9675,0 | | 0740- | PNG | 17.02.NBC Port Moresby, E, songs, tks, | 25222 | PP |
| | 9675,0 | | 2211-2311 | B | 11.03.R. Canção Nova, Cachoira Paulista, P, "Voz do Brasil" part ; | 45433 | CG |
| | 9700,0 | | 0256-0312 | LBY | 16.02.LJB, A, arabic songs, | 43433 | VO |
| | 9700,0 | | 0902-1045 | NZL | 13.03.R. New Zealand International, Rangitaki, E, nx, | 55544 | CG |
| x | 9721,6 | | 2235-2245 | PRU | 14.02.R. Victoria, Lima, S, inspirational px and ann | 24433 | VK |
| x | 9725,0 | | 2132-2137 | B | 01.03.R. Clube Paranese, Curitiba, P, tk, ID | 23533 | SSC |
| x | 9730,0 | | 0330-0345 | BRM | 08.02.R. Myanmar, Yangon, Vn, local pop mx, anns, local mx, ID | 34433 | CMO |
| N | 9730,0 | | 0249-0256 | CLN | 19.02.SLBC, Ekala, E, msg, songs //15425 | 23232 | VO |
| | 9736,0 | | 2315-2320 | PRG | 14.03.RN del Paraguay, Asuncion, S, tk, songs, nx, | 33233 | JD |
| x | 9760,0 | | 0634-0650 | J | 08.02.R. Tampa, Tokyo, Japanese, sports, ID | 45434 | CMO |
| | 9770,0 | | 1058-1130 | AUS | 15.03.R. Australia, Shepperton, BI, E, E to Asia, sports, songs, IS | 25421 | CG |
| x | 9800,0 | | 2300-2330 | RUS | 16.02.Vo Mediterranean, Japanese, new transmission in Japanese | 44433 | NA |
| | 9800,0 | | 1430- | EGY | 09.03.R. Cairo, A, arabic songs, ID | 44443 | ZL |
| | 9840,0 | | 1330-1400 | VTN | 15.02.Vo Vietnam, E, ID, nx, | 44444 | OP |
| | 9905,0 | | 0349-0400 | TJK | 18.02.Tajik R. , E, nx, mx, ID, mx, IS | 55555 | VO |
| x | 9955,0 | | 0405-0410 | USA | 16.02.KOL Israel relais via WRMI, Miami, S, nx, | 33433 | VK |
| | 9985,0 | | 1445-1500 | PAL | 22.02.R. KHBN, Koror, E, ID, rel. px, pop px | 34333 | OP |
| | 10260,0 | | 2330-2348 | CHN | 12.03.China National R. 2, C, tks, | 35444 | CG |
| | 11600,0 | | 1300-1317 | D | 23.02.AWR, Juelich, Dari, IS, ID, mx, ID | 45444 | VO |
| | 11600,0 | | 1500-1507 | SEY | 12.03.FEBA, Mahe, E, IS, ID, preview, story | 45444 | VO |
| | 11610,0 | | 2333-2352 | CHN | 12.03.China National R. 2, C, tks, | 35444 | CG |
| | 11640,0 | | 1103-1130 | * AUS | 15.03.R. Australia, Darwin, E, nx, sports, songs, ID | 24432 | CG |
| | 11655,0 | | 1800-1825 | HOL | 27.02.R. Nederland, E, ID, DX | 44444 | OP |
| | 11690,0 | | 1205- | JOR | 10.03.R. Jordan, ?, nx, ID, songs | 44444 | ZL |
| x | 11705,0 | | 2124-2131 | B | 01.03.R. Nova Visao, Santa Maria, P, jingle, religious px | 25533 | SSC |
| | 11710,0 | | 0040-0100 | ARG | 02.03.R. LRA35, S, sports, cammentary, | 35233 | DP |
| | 11724,8 | | 1907-1945 | B | 15.03.R. Marumby, Florianópolis, P, preacher, fqs | 25432 | CG |
| | 11734,0 | | 1932-1951 | * TZA | 12.03.R. Tanzania, Zanzibar, Dole, Vn, mx, tks | 44433 | CG |
| | 11735,0 | / | 1952-2045 | NZL | 13.03.R. New Zealand Int'l, Rangitaiki, E, IS, ID, mx, exchange rat | 34433 | CG |
| | 11739,9 | | 1945-2000 | USA | 08.03.WINB, Red Lion, E, Jazz mx, later into religious chorus mx, | 25543 | ME |
| | 11785,0 | | 1600-1605 | INS | 16.03.RRI 1, Jakarta, BI, ID, nx, nat. anthem | 44444 | AP |
| | 11785,0 | | 2030-2045 | B | 18.03.R. Guaiba, Porto Alegre, P, ID, mx | 24333 | DP |
| | 11800,0 | | 1217-1220 | * IRN | 12.03.VOIRI, Teheran, tent, Vn (Farsi ?), tk, mx, abruupt off air | 54554 | VO |
| | 11804,8 | | 1931-1948 | B | 15.03.R. Globo, Rio de Janeiro, P, tks, songs | 23441 | CP |
| x | 11810,0 | | 0536-0552 | JOR | 04.02.R. Jordan, Amman, A, mx, ID, ann, Ramadan //9630 | 45434 | CMO |
| | 11815,0 | | 2018-2028 | B | 17.03.R. Brasil Central, Goiânia, P, ID, adv, song | 44444 | AP |
| | 11830,0 | | 0857-0900 | GUM | 02.03.KTWR,Agaña, Guam, E, IS, ID, | 34434 | DP |
| | 11840,0 | | 0805-0812 | UKR | 22.02.Kazakh R., Kazakh, mx, //5970 | 34343 | VO |
| N | 11840,0 | | 0815-0825 | USA | 09.03.VOA, A, camment, ID, E, ID | 21331 | VO |
| | 11855,0 | | 1300-1330 | CAN | 22.02.RCI, E, ID, nx, sports | 34343 | OP |
| | 11855,0 | | 2306-2340 | AUS | 12.03.R. Australia, Darwin, E, Asia Focus, Ausralia Today | 35444 | CG |
| N | 11900,0 | | 0103-0200 | * ??? | 16.03.UNID, Vn ( asian ), no IS, msg, native song, ann, nx, mx | 32332 | VO |
| N | 11905,0 | | 0238-0250 | CLN | 09.03.SLBC, Ekala, Hindi, tk, ID, tk, song, ex 11800 ?? | 25333 | VO |
| | 11910,0 | / | 0830-0900 | * GEO | 02.03.R. Georgia, E, IS, ID, nx | 45444 | KDS |
| | 11915,0 | | 2214-2235 | B | 13.03.R. Gaucha, Porto Alegre, P,nx, ts, sports, nx | 35433 | CG |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 11935,0 | 1110-1134 | B | 15.03.R. Club Paranaense, Curitiba, P, tks, fade out | 25421 | CG |
| x | 11939,3 | 0013-0026 | PRG | 05.03.R. Encarnacion, Asuncion,S, | 14432 | MV |
| | 11950,0 | 0805- | KAZ | 02.03.Radio Almaty, G, german mx | 23332 | KDS |
| x | 11960,0 | 1026-1035 | EQA | 08.03.R. HCJB, Pifo, S, ID, TS, tks | 23432 | MV |
| | 12085,0 | 1458- | SYR | 15.02.R. Damascus, Damascus, A, tk | 33232 | AAM |
| | 13760,0 | 1740-1800 | USA | 23.02.R. WHRI, South Bend, E, ID, DX: Cumbre DX | 44444 | OP |
| | 15160,0 | 1400-1430 | ALG | 21.02.R. Algers Int'l, E, E, ID, nx, pop-mx | 45454 | OP |
| | 15450,0 | 0230-0240 | PHL | 09.02.FEBC, E, nx | 44?24 | OTG |
| | 15470,0 | 1100-1120 | PAK | 13.02.R. Pakistan, E, nx in slow speed | 44433 | SP |
| x | 15476,0 | 2043-2059 | ATA | 05.03.R. Nacional Arcangel San Gabriel, Base Esperanza, E, flute | 24322 | MV |
| | 15480,0 | 0901-0910 | CHN | 12.03.CNR 1, C, nx //15550 | 24322 | AB |
| | 15510,0 | 0240-0250 | AUS | 09.02.R. Australia, E, reports | 34?23 | OTG |
| | 15515,0 | 0845-0901 | CHN | 12.03.CNR 1, C, mx, tk, TS, hymn, nx //15550 | 23322 | AB |
| | 15685,0 | 1400-1430 | USA | 22.02.R. WWCR, E, ID, DX, | 44444 | OP |
| | 17855,0 | 0944- | UAE | 16.02.Vo UAE, A, comment. | 33232 | AAM |
| | 17885,0 | 1348- | KWT | 15.02.R. Kuwait, A, a play about Sultan Barqoop | 33232 | AAM |
| | 17900,0 | 1100-1130 | PAK | 22.02.R. Pakistan, E, ID, nx in slow speed | 55454 | OP |
| | 21495,0 | 0957- | ARS | 16.02.BSKSA, A, Quran brdcs, relig. tk | 43333 | AAM |

## Thank you very much to34active Tips Contributors:

| | | | | | |
|---|---|---|---|---|---|
| AAM : | Aleksandr A. Mokrushin | RUS | Sony ICF 2001D, ICS-SW10 | | (telescopic antennas |
| AB : | Achim Brückner | S | NRD 525 GF | | 100 m lw |
| AP : | Anker Petersen | DNK | AOR AR7030, ICF SW-77 | | 44 m lw, Telescopic |
| BGN : | Beppe Gornati | I | Watk.John.HF 1000 | | 60 m lw+MLB, AD Sloper 20 r |
| BN : | Bent Nielsen | DNK | Kenwood R-5000 | | 15 m lw |
| BS : | Ben Soeters | HOL | EK 895 | | 40 m lw |
| CG : | Carlos L.R.A. Goncalves | POR | R-8E, Plessey PR-155 | | 25/45 m inverted V |
| CMO : | Claudio Moreles | x ARG | ICF-2010 D | | 20 m Dipole |
| DIP : | Søren Dippel | DNK | ICF-SW 7600G | | 5 m lw |
| DP : | Don Phillips | G | AOR AR7030 | | 15 m lw,Forster Loop |
| FC : | Francesco Clemente | I | Collins 390A/URR, Drake R7 | | 30 m lw |
| GS : | Giovanni Serra | I | NRD 525 | | AD DX-SWL-Sloper |
| HVB : | Hans van den Boogert | x TWN | RF-65 | | 12 m lw |
| JB : | Jerry Berg | x USA | Drake R8 | | 55 m lw |
| JD : | John Dipré | G | Kenwood R 1000 | | 10 m lw |
| JPP : | Jean-Pierre Penaud | F | NRD 535 | | 2x15m Dipole |
| KDS : | Klaus-Dieter Scholz | D | Lowe HF-150, WE-12 M | | 15 m lw + FRT 7700 |
| LI : | Levi P. Iversen | x PRG | NRD 535 DG | | 30 m lw, Dipole |
| MC : | Marcelo A. Cornachioni | x ARG | Sony ICF 2001D | | 15 m lw |
| ME : | Martin Elbe | D | AOR AR7030 | | 40m lw + 130cm Loop |
| MM : | Mizuno Mitsuaki | x J | SONY ICF-7600D | | 20 m lw |
| MV : | Mark Veldhuis | HOL | NRD 535, HF-150, ICF7600 | | 12 m lw |
| NA : | Nobuyoshi Aoi | x J | 3 NRD 525's | | 250 m lw |
| OF : | Ove Fransson | S | ICOM IC-R-70 | | 250 m lw in a camp |
| PFS : | Petro F. Arrunategui Seminarx | PRU | ICOM IC-R71E | | 42 m Dipole |
| PP : | Piet Pijpers | HOL | HF 225E | | 20 m lw, DX-10 active antenn |
| RS : | Roland Schulze | x PHL | SPR-4, R8, R-70 | | various slopers |
| SSG : | Santiago San GilGonzalez | x VEN | Kenwood TS-440S | | V Dipole |
| VK : | Vashek Korinek | x AFS | Drake R7/DR7 | | 50 m lw |
| VO : | Valery Ostroverkh | KAZ | Home made | | 50 m lw |
| WST : | Wian Stienstra | S | Lowe HF-225 | | Forster Loop |
| YM : | Yoh Mizumoto | x J | NRD 535D | | 20 m lw |
| ZL : | Zacharias Llangas | GRC | HF 150, ICF 7600D | | 6/30 m lw |
| MLF : | Michael L. Ford | ??? | NRD 515mod, NCM 515 | | 20 m lw |

Next deadline: April 17th 1997 (*)

# This'n That !!

From Dr. Anil Kumar Agarwal, Agra Radio Club, 144 - New Adarsh Nagar, Agra - 282 004, U. P., India, we have received the following: "We want to publish a SWL, DX and HAM Radio related magazine for the benefit of the third world radio hobbyiest. The name will be "DX Digest". It will be on the pattern of Readers Digest. Therefore we want your generous help. Please send me old books, magazines and any thing which is useless for you.

The following books are for sale.Order to the address c.f. above.

All India Radio External Service and Home Service frequency schedule is available for 8 IRC's or U.S.$ 4,-

Radio Station List broadcasting to India for 10 IRC's or $ 5,-

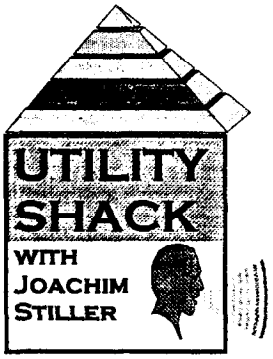
## For Sale

Dario Gabrielli, Via Firenze, 8a, I-35010 Cadoneghe (PD), Italy has Italian radio station stickers and tapes with classical recordings of International radiostations from 1907 (!) to 1973. For further information, write to the above mentioned address.

## What is dangdut?

Dangdut is a style of Indonesian pop music, which is a hybrid, so to speak, based on traditional Malayan music combined with Islamic Arab melodies, popular Indian film themes and local music from various parts of Indonesia.

Such diverse background elements are believed to be the key to the current popularity of dangdut in Indonesia, a country of many tribal and ethnic differences.




Hi there for the next edition of the shack. Thanks to those who were kind enough to send along their good wishes. That makes me think the shack is worth compiling.

## ... want more ute?

Stefan Schliephacke sent along two editions of the Utility Report compiled by himself and by Hans-Peter Tillmann. This is part of the EARWC publication. For further information on this one you should turn to: East and West Radio Club, Eifelwall 46, D-50674 Köln 1

The Newsletter of Reinhard Klein-Arendt is to be revived under the name European Newsletter. That has been one of the best utility publications for more than 10 years. It is available at: Andreas Ibold, Mittelstr. 10, D-47441 Moers, Germany

## 3500 Beacons

From Karel Honzik I got this message (thanks to Karel)

---

3500 Beacons (150-1700 kHz)
Aero and Maritime Navigation Facilities
in Europe, North Africa and Near East
Compiled by Zdenek Elias and Jaroslav Lajda
Published by the Czechoslovak DX Club (CSDXC)
Price: 20 DEM / 15 USD / 20 IRC incl.postage
Orders and cash to:
Ladislav Vitik, Plaska 37, CZ-323 27 Plzen
Czech Republic

## AOR's 7030 for utility ?

The widely discussed AOR 7030 is a proper DX machine. Don't expect to hear more stations or stronger signals than on other communications receivers but to hear them clearer than on the NRD 525 for instance. I have built in an additional 2.5 khz Collins filter now and this provides very clear signals for SSB, and it makes the built in 2.2 khz filter obsolete. -ed

## Radiobeacons

thanks to MH for the following:

| | | | |
|---|---|---|---|
| 291,1 | LT | La Isleta | CNR |
| 301 | KA | Kornik | POL |
| 378 | IZD | Mizda (for NZD) | LBY |
| 451 | GP | Grodno | BLR |

And here is an address for the beacons on **Faroe Island**:
Statens Luftfartsvaesen, Luftsdirektoratet, Flyvepladsen Vagar, DK-3812 Sorvagur/Faroer -ed

MH offers a list of radiobeacons in Africa located North of the equator. This would be gratefully appreciated, merci bien, Marcel. -ed

| | | | | | |
|---|---|---|---|---|---|
| 291 | 0221 | SN | Cabo San Sebastian | E | NR |
| 309,5 | 0033 | MA | Marstein | NOR | NR |
| 316 | 0020 | TEA | Teano | I | NR |
| 342 | 1801 | LL | Leirin/Fagernes | NOR | JST |
| 351 | 0028 | POM | Naples/Pomigiliano | I | NR |
| 362 | 1654 | L | Namési nad Oslavou | CZE | JST |
| 373 | 0037 | LCT | unid | ? | NR |
| 379 | 0024 | PIS | Pisa | I | NR |
| 380 | 0132 | VNV | Villanueva | E | NR |
| 401 | 0135 | PTC | Porto Colom | E | NR |
| 402 | 2212 | CAR | Carbonara | I | NR |
| 404 | 1823 | ZLA | Zilina/Hrichov | SVK | JST |
| 405 | 0571 | BIR | Birmingham | G | MH |
| 410 | 2236 | ETN | Etain/Rouvres | F | MH |
| 412 | 0423 | FX | Sliac / ex FS | SVK | MH |
| 412 | 0110 | PP | Pecs (tent) | HNG | NR |
| 415 | 1721 | OL | Linköping/SAAB | S | JST |
| 419 | 2252 | RA | unid | ? | MH |
| 420 | 0520 | GS | Pula | SVN | MH |
| 421 | 0526 | GE | Madrid/Getafe | E | MH |
| 421 | 0523 | BUR | Burnham | G | MH |
| 424 | 0539 | CWL | unid | ? | MH |
| 424 | 2301 | RES | Reus | E | MH |
| 425,5 | 0158 | PIS | unid / id+tone | ? | NR |
| 427 | 0517 | HWQ | unid | ? | MH |
| 428 | 0428 | CTX | Chateauroux/Deols | F | MH |
| 430 | 0450 | SN | St. Yan | F | MH |
| 431 | 0247 | PK | Chrudim | TCH | NR |
| 433,5 | 2310 | HEN | Henton | G | MH |
| 436 | 2216 | FRA | unid (id+tone) | ? | JST |
| 436 | 2217 | TEST | unid, still at 2317 | ? | JST |
| 440 | 1831 | PIA | Piacenza/San Damiano | I | JST |
| 457 | 1833 | HI | unid (2x & interval) | ? | JST |
| 480 | 0523 | AG | unid | ? | MH |
| 490 | 0206 | KO | Koshany | UKR | NR |
| 492 | 1840 | CP | unid (2x & interval) | ? | JST |
| 496,5 | 0516 | PA | unid | ? | MH |
| 508 | 0422 | Z | Zilina/Hlinik | SVK | MH |
| 514 | 0439 | XU | unid, also here -ed | ? | MH |
| 514 | 0452 | SD | unid | ? | MH |
| 517 | 0436 | JBR | Jaszbereny | HNG | MH |
| 525 | 0505 | HG | Wroclaw/Strachowice | POL | MH |
| 553,5 | 0513 | CO | Compiegne/Margny | F | MH |

The following has been compiled in order to compare NRD 525G with 1khz/300 Hz filters to an AOR 7070 with 500 Hz filter). Antenna was 60m windom, location near Braunschweig, time 1600-1630 UTC:

| | | | | | |
|---|---|---|---|---|---|
| 295,5 | 1624 | JA | Jaroslawiec Lt | POL | JST |
| 300 | 1611 | KD | Prague-East | CZE | JST |
| 310,5 | 1614 | SG | Sjællands Rev | DNK | JST |
| 333 | 1616 | PI | Parchim | D | JST |
| 342 | 1629 | GG | Groningen/Eelde | HOL | JST |
| 407 | 1623 | N | Prague Nebusice | CZE | JST |
| 409 | 1620 | CZE | Czempin | POL | JST |
| 409 | 1621 | DAR | Darlowo (underneath) | POL | JST |

These semi-locals were found on both receivers. The NRD tends to overload slightly and the signals sound louder, however it produces some internal noise. With more stations on the band at night the notch-filter of the NRD is useful.

## Aeronautical

| | | | | |
|---|---|---|---|---|
| 6535 | 0238 | Dakar Aero wkg Alfa Romeo | SEN | SSF |
| 8903 | 2255 | Kinshasa Aero w SWISSAIR 287 | ZAI | JST |
| 11270 | 1449 | Baffin Aero wkg JAL a/c | CAN | LR |
| 11354 | 1429 | FALCON Bahrain wkg GULF Air | BAH | LR |
| 10881 | 1304 | AJE USAF Croughton w Passport or similar, USB & RTTY | G | JST |
| 11175 | 1322 | XPH5 USAF Thule w GOLF22 | GRL | JST |
| 11175 | 1342 | AFS USAF Offutt to Magma & Candlewax | USA | JST |

## Maritime

For those who want to log the German Lifeboats:

### in the Northsea

| c/s | name | station |
|---|---|---|
| DBAA | Alfried Krupp | Borkum |
| DBAO | Otto Schülke | Norderney |
| DBAJ | Hannes Glogner | Langeoog |
| DBAE | Vormann Steffens | Hooksiel |
| DBAK | Wilhelm Kaisen | Helgoland |
| DBAC | Hermann Rudolf Meyer | Bremerhaven |
| DBAM | Hermann Helms | Cuxendorf |
| DBAT | Hans Hackmack | Büsum |
| DBAU | H.J. Kratschke | Eiderdamm/Garding |
| DBAQ | Vormann Leiss | Nordstrand |
| DBAL | Eiswette | Amrum |
| DBAP | Minden | List/Sylt |
| DBAF | Nis Randers | Maasholm |

### in the Baltic

| | | |
|---|---|---|
| DBAH | Berlin | Laboe/Kiel |
| DBAI | John T. Essberger | Fehmarn/Großenbrode |
| (temporary), homeport for the John T. S. is Bremerhaven | | |
| DBAS | Bremen | Grömitz |
| DBAB | Paul Denker | Travemünde |
| DBAG | Vormann Jantzen | Warnemünde |
| DBAV | G. Kuchenbecker | Darsser Ort/Prerov |
| DBAD | Arkona | Sassnitz |
| DBAN | Fritz Behrens | Greifswalder Oie |

**9HD Malta** sent nice letter but refused to QSL (LR)

**TFA** via Gufunes Telecommunications Centre, Box 12240, 132 Reykjavik (LR)

**Tema Radio 9VG**: Ghana Telecom Ltd., P.O. Box 32, Accra Central, v/s in 1996 was J.K. Amoah, Chief Radio Off. (-ed)

Thanks to GS I found an address for **CROSS CORSEN**: Pointe de Corsen, F-29810 Plouarzel - ... on the internet page: www.min.equip.fr/france.ocean/plaisanc/vivre/vm13.html CROSS Jobourg also listed but no address given, Lionel (-ed)

**Canadian Coastguard Charlottetown** has been closed and the service has been taken over by Sydney Coastguard (HDB)

| | | | | |
|---|---|---|---|---|
| 500 | 0450 | OXJ Tórshavn R, CW warning | FAR | MH |
| 518 | 2230 | 4XO Haifa R, NAVTEX info | ISR | LR |
| 1644 | 1951 | Arrecife R, tfc list | CNR | SSF |
| 2182 | 0005 | Tyne-Tees CG clg Aberdeen CG | G | NR |
| 2182 | 0103 | CROSS CORSEN ann wx 1651,4 | F | JST |
| 2182 | 0104 | unid CG clg COJG Rio las Casas | ? | JST |
| 2182 | 0407 | CROSSMA Jobourg FF/EE anns | F | LR |
| 2182 | 0420 | NMB USCG Charleston, NC EE | USA | LR |
| 2182 | 0503 | TFV Vestmannaejyar R, wng | ISL | LR |
| 2182 | 0605 | NMF31USCG Gp Portland, ME | USA | LR |
| 2182 | 0612 | USCG in MA (Boston? -ed) | USA | LR |
| 2182 | 1415 | Aberdeen CG w HMS Guernsey and Lifeboat 14-15 (Can anyone provide a list of the UK Lifeboats in service now? -ed) | G | SSF |
| 2182 | 1809 | 7TA Annaba R clg Bizerte | ALG | NR |
| 2182 | 1809 | 3VB Bizerte R replying | TUN | NR |
| 2657 | 2232 | CTC Radionaval Cascais, id/wx | POR | SSF |
| 2657 | 2234 | CTN37 Radionaval Apulia, id/wx | POR | SSF |
| 2657 | 2234 | CTS Radionaval Sagres, id & off | POR | SSF |
| 2749 | 2221 | CCG Sydney, E/F wx | CAN | SSF |
| 4244 | 2115 | PPJ Rio R, CW vvv | B | THE |
| 4265 | 2122 | PPL Belem R, CW vvv | B | THE |
| 6387 | 2017 | AQP4 Ny Karachi, CW vvv off QRG or QSY | PAK | SSF |
| 6415,5 | 2018 | UUI Odessa R CW msg | RUS | SSF |
| 8452 | 2015 | VIT Townsville R, CW cq | AUS | GC |
| 8470 | 2020 | XVG Haiphong R, CW cq, tfc list | VTN | NR |
| 8521 | 1635 | VIP Perth R, CW vvv | B | THE |
| 8571 | 1405 | JNA Tokyo Coast Guard, CW cq | J | JST |
| 8601,3 | 1410 | ZLO Kiwi Navy Irirangi, CW de | NZL | JST |
| 8607 | 0730 | VIM Melbourne R, CW vvv | AUS | THE |
| 12660 | 0715 | S7Q Seychelles R, CW de | SEY | GC |
| 12695,5 | 0730 | XSX Keelung R, CW de | TWN | GC |
| 12844,5 | 1510 | KFS Palo Alto R, CW cq | USA | JST |
| 12849 | 0737 | SAN Silvermine, CW cq | AFS | GC |
| 13065 | 1944 | ESP Pärnu R, CW msg de ESP | EST | SSF |
| 22575,5 | 0650 | PKX Jakarta R, CW cq | INS | GC |

## Point-to-Point

| | | | | |
|---|---|---|---|---|
| 3768,5 | 0423 | FDC FAF Metz, CW-de (SSF says Metz is FDG -ed) | F | MH |
| 3814,5 | 0322 | FDI8 FAF Nice, CW de | F | MH |
| 3326 | 0418 | FDI22 FAF Narbonne, CW vvv | F | SSF |
| 3347 | 2202 | FDE14 FAF Contrexville, CW vvv | F | SSF |
| 4595 | 0120 | FDI8 FAF ? (MH says Nice -ed) | F | SSF |
| 4788 | 0418 | FDI22 FAF Narbonne, CW vvv | F | SSF |

## Digital

| | | | | |
|---|---|---|---|---|
| 139 | 0600 | MGJ RN Glasgow, code, 75 Baud | G | MH |
| 1607 | 2205 | unid, code, 75 Baud | ? | MH |
| 1617 | 2212 | unid, code, 75 Baud | ? | MH |
| 1617,5 | 2225 | unid, code, 75 Baud | ? | MH |
| 2293,9 | 2310 | DER MoI Bonn, TYFYF, VFT | D | MH |
| 2608 | 0448 | NIO unid | ? | MH |
| 2789 | 0435 | FUE FN Brast, test, 75 Baud | F | MH |
| 3357 | 0405 | NAM USN Norfolk, FAX 120 | USA | MH |
| 5222 | 2202 | ASECNA Cotonou, ARQ 98 | BEN | MH |
| 7614 | 1052 | RFFH FF Marseille, ARQ 192 | F | MH |
| 7831,5 | 2202 | 5ST ASECNA Tana, ARQ48 | MDG | MH |
| 9050 | 1630 | AOK USN Rota FAX 120 | E | MH |
| 9110 | 2030 | NMF USCG Boston, chart, 120 | USA | MH |
| 10917,7 | 1825 | RFTJ FF Dakar | SEN | MH |
| 10972 | 0940 | HBD20 MFA Berne, SITOR A | SUI | MH |
| 11063 | 0925 | LZU2 Sofia Meteo, wx, 50 | BUL | MH |
| 16776 | 1650 | unid. Germany nx de INS, SITOR | ? | MH |
| 16908 | 0744 | TAD MFA Ankara, nx, FEC | TUR | MH |
| 17131 | 0822 | unid, 5 letter-groups, SITOR A | ? | MH |
| 17417 | 1600 | unid , code, 50 | ? | MH |
| 17550,9 | 1610 | RFTJ FF Dakar, ARQ 192 | SEN | MH |

**What I would like to do here is to use full names. Some of the names appear in full in the tips section and others are well known guys. I think nowadays there is no longer any PTT to step in and make trouble. Ute listening is legal in most countries now. Please give me a short note if you still want to remain an anonymous.**

And this time thanks to the following contributors (and the nice stamps):

- BS in the Netherlands with R&S EK 895 and 40m wire
- GC in Pretoria with Icom 70 and GRSX Vertical
- HDB near Hannover: Lowe's HF 225, central heating
- JST yours truly with NRD 525G (incl 300 Hz CW), AOR 7070 mod. (500 Hz/2.5 khz filters), 20/60m windom, 15m L
- LR from the Channel Islands employs the NRD-535 and a Trio R-1000, 16m wire & ATL-3 Super Loop
- MH near Lille: R-5000, FRT 770, M-8000-5
- NR from Karlsruhe, please tell us your equipment
- SSF in SW Germany: WJ HF-1000 & WAVECOM 4010, inverted V & 50m wire
- THE near København (?): AOR 7030, ESKA & EDVIS active antenna

For the next shack drop me a line until April 27, 1997.
I am Joachim Stiller: **jst@trashcan.mcnet.de**
or Thieweg 3, D-38173 Gilzum in GERMANY
73's de JOACHIM

# MEDIUM WAVE

**edited by Ydun M. Ritz**

Again a month with lots of news and loggings. Seems that mediumwave DXing - or at least the interest - has increased during this past winter. Nice to see.

**AFGHANISTAN:** The Taliban's *Radio Afghanistan*, based in Kabul, which often calls itself "Voice of Shari'ah", continues to be observed on 1278 kHz. It has also now been confirmed on 1107 kHz. The radio bcs from approx 0130-0330 UTC (Fri 0330-0800 UTC) and 1330-1600 UTC. At 1500 UTC three short pips and one long pip followed by ID Voice of Sharia Afghanistan, Kabul all by male announcers. //1278 weak and 7200 kHz barely audible in the evenings because Sudan is dominating the channel. (SW via WB)

**ALBANIA:** After a phone call to Radio Tirana (phone-no for FS dept.: 422 6322) on March 12th I got the following information concerning FS (GG/FF/EE) programmes from *Radio Tirana* on MW:

German 1830-1900 on 1458 kHz, in // w 6270 and 7270 kHz
French 1900-1930 on the same
English 1930-2000 still on the same frequencies.

Unfortunately, the station wasn't able to control rx and antenna for some days due to the trouble in Albania, and therefore it was off the air for some days, until March 17th, when it was heard again. (YMR)

External Service schedule for *RadioTtirana* on MW:

| | | |
|---|---|---|
| 1215 kHz | 0630-0700/1500-1830 | Albanian |
| 1395 kHz | 0800-1100 | Albanian to Kosovo |
| 1458 kHz | 2000-2300 | Albanian to WEurope |
| 1458 kHz | 1730-1800 | Italian |
| 1458 kHz | 1830-1900 | German |
| 1458 kHz | 1900-1930 | French |
| 1458 kHz | 1930-2000 | English |
| 1215 kHz | 1900-1915 | Greek |
| 1215 kHz | 2200-2215 | Serbian (WB) |

VOA relays cut, MW boosted. In response to the Albanian government's cut-off yesterday of the VOA's Albanian-language bcs through local stations, VOA today stepped up its MW bcs to the crisis-ridden Balkan nation. In addition to its two hours of daily Albanian-language bcs on SW, VOA may now be heard in Albania at 792 kHz on the AM dial (via VOA's Kavala/GRC relay tx) from 0600-0630 and 1700-1730.
(BBCM via AGDX via WB)

**ALGERIA:** *RTA*, Algerian radio's external service (Channel 4) may be carried on some frequencies, incl. 153, 198 and 252 kHz, at certain times.

*RTA Channel One (Arabic Network)*:
0000-2400 1287 1161 1098 1089 1026 927 909 891 873 837 783 738 693 666 576 549 531 198 153 kHz
0659-2029 also on 7245 kHz
*RTA Channel Two (Kabyle Network in Berber)*:
0600-0100 981 693 kHz
*RTA Channel Three (French Network)*:
0500-1559 1422 1305 252 kHz
1559-1959 1305 252 kHz
1959-2059 1422 1305 kHz
2059-0100 1422 1305 252 kHz
*RTA Cultural Radio*:
1600-2000 1422 kHz, Arabic (Cultural px)
(BBCM via AGDX via WB)

**ARMENIA:** *AWR Middle East* via Kamo/ARM 1314 kHz 1000 kW at 1430 in Farsi, at 1500-1600 in Arabic.
(AWR schedule)

**AUSTRALIA:** 1665 *2MM Greek Radio*, in a letter from v/s Demis Psomas: 2MM has been running since June 1996, the first three months broadcasts were solely Greek mx with no annc, running into a 13m antenna. Since Sept '96 they have been using a CFM antenna (looks like an umbrella blown inwards) located at St. Peters, 3 km south of Sydney and a 400 W Broadcast Electronics (USA) transmitter. They are also on 99.3 FM in Wollongong and have just initiated a new transmitter in Melbourne simulcasting on 1629 kHz running 100 W, though it too will go to 400 W in the next few months. They run 24 hrs and target is the 600.000 Greek Australians living in Sydney and Melbourne. Plans are to increase coverage to other regional centres during the next few months. Their address has changed, it is now

Mars Media & Broadcasting Group
Locked Bag 888
St. Peters
NSW 2044

Their phone is (02) 9565 5555 and fax (02) 9565 4000.
(PO via MV)

**AUSTRIA:** After a break of more than two years Austria Radio (ORF) resumes broadcasting on Medium Wave 1476 kHz with 60 kW from Vienna-Bisamberg, scheduled from 21. March. the daily transmissions (1700-2300 UTC) will consist of

relays of *"Oesterreich 1"*, the Home Service news, information & culture channel;

*"Radio 1476"*, open access/educational radio: programmes provided by free radio groups, students, journalistic schools etc; but under the auspices and responsibility of ORF (due to restrictions in the current broadcast law).

relay of *"Radio Austria International"*, German and English services (2200-2300) with "Intermedia" on Fridays. ("Intermedia" is the new name of RAI's media magazine "Kurzwellen-Panorama").

This is a low-budget test, and reception reports helping to establish the range of transmission and quality of signal will be welcome. Useful reports will be honoured with a special limited-edition QSL.

Many different groups are involved in Radio 1476.
(WH via MV)

Reception reports about the first edition of INTERMEDIA, Radio Austria International's re-formatted media magazine (in the German Service) will be honoured with a special

QSL FIRST DAY-LETTER

provided that the report covers the transmission on Friday, 4 April 1997, 2105 UTC on medium wave 1476 kHz (60 kW from Vienna-Bisamberg). Regular QSL for all other transmissions!
(WH via WB)

**AZERBAIJAN:** *Radio Azerbaijan* in Russian, px "Araz" daily 0705-0710 1400-1410. Mon, Wed 1145-1200. Tue-Sat 0610-0620. Tue, Thur, Sat 1110-1140. Sat 0800-0830 - on 216, 801, 891 and 1476 kHz. Also heard on 1296 kHz at 1830-1900. (Igor Zhurkin/RUS via WB)

**BELARUS:** *Radio Minsk* German service repeat [of 1930 bc] on Wed, Sat & Sun 2030 on 1170 kHz. (Klaus Lieberwirth/D via WB)

**BULGARIA:** New schedule of *Radio Bulgaria* effective March 30th till October 25th for 1224 kHz:

Bulgar. 0300-0400, 1200-1500, 1800-1900, 0600-1200 (M-F -0900)
Greek 0400-0430 (Sat -0500), 1630-1715, 1945-2030
Albanian 0430-0500 (not Sat), 0630-0730, 1545-1630, 1900-1945
Russian 0200-0300
Serbian 0500-0600 (M-F), 0630-0900 Sun (0730- Sat),

1500-1545, 2030-2115
Turkish 0500-0630 Sat/Sun, 1715-1800
Italian 2115-2200
(Radio Bulgarian via WB)

**CHILE:** Any problem with MW stations in Chile? Don't worry, now you can find the list of all Broadcast stations on this band and also FM from VIII, IX and Metropolitan regions (Concepcion, Temuco and Santiago). Only have to point your browser to my home page (http://www.cmet.net/pocuro). Any comments will be appreciated. Also if somebody needs some help any station don't hesitate and write to me (felip012@cmet.net). (FA via MV)

**FINLAND:** According to an announcement by YLE the Helsinki transmitter on *558 kHz* were off for some days and resumed broadcasting on Sunday March 1997. This was due to the Helsinki Summit, it was disturbing international summit communications, said the spokesman. (HS via MV)

**FRANCE:** *France Inter* drops MW frequencies. Since 1st January Radio France appears to have dropped all relays of the France Inter radio network on MW. France Inter continues to be carried on 162 kHz as well as on FM. The following transmitters are no longer observed:
675 kHz (Marseille 600 kW), 1071 kHz (Bastia 20 kW, Brest 20 kW, Grenoble 20 kW, Lille 40 kW), 1161 kHz (Ajaccio 20 kW, Strasbourg, Toulouse 100 kW), 1350 kHz (Nancy 100 kW, Nice 100 kW).
(RFI via BBCM via WB)

**GERMANY:** *VOA-EUROPE* has been of the air since January '97. But *AFN ( American Forces Network)* can still be heard on MW:

| | |
|---|---|
| 873 kHz | Frankfurt |
| 1107 kHz | Grafenwöhr Kaiserslautern Nürnberg |
| 1143 kHz | Bad Kissingen Bamberg Giessen Heidelberg Karlsruhe München-Gladbach Schweinfurt Spangdahlem Stuttgart Würzburg |
| 1485 kHz | Ansbach Augsburg Berchtesgarden Hohenfels Regensburg |

("Save VOA-Europe Action Group" home page)

*Jazz Radio Berlin* ceased bc on 603 kHz via Köpenick Uhlenhorst 5 kW last August. MW txs still in service on Berlin city area:
567 kHz 50 kW Charlottenburg, Stallupöner Allee, SFB "Radio B 2"
693 kHz 5 kW Uhlenhorst, VoRussia //1323 kHz Suhl Wachenbrunn
810 kHz 1 kW Uhlenhorst, APSK mode test signal
955 kHz 50 kW Britz, occasional DLR special bc, like sports, parliament
891 kHz 5 kW Uhlenhorst, RTL Oldie
990 kHz 100 kW Britz, DLR Berlin
No transmission on 603, 1359 and 1449 kHz. (Kai Ludwig/D via WB)

*Mega-Radio* in Mecklenburg-Vorpommern licensed. Schwerin 576 kHz and Greifswald 1017 kHz allocated to "Youth Orientated" program 'Mega Radio'. (Michael Fuhr/D via WB)

*NDR* transmsitter Helpterberg on 657 kHz has ceased service since primo January '97. (Kai Ludwig/D via WB)

**LATVIA:** *Latvian Radio* announces frequency changes. First programmes MW tx in Riga will in future bc on 945 kHz. In Daugavpils (Eastern Latvia) on 1539 kHz. (The Riga and Daugavpils first programme transmitters had operated on 576 kHz in the past). From 1st Jan '97 the 2nd programme will be receivable in Liepaja (Southwestern Latvia) on FM. (BBCM via AGDX via WB)

**LEBANON:** The Hezbollah radiostation *Voice of the Oppressed* which broadcasts from Ba'labakk is back on the air. the radio was heard with a religious programme at 0715 on March 2nd on 684 kHz. the radio had not been heard since 11th February when its transmission facilities were reportedly damaged during an Israeli air raid.
(BBCM via AGDX via WB)

**NETHERLANDS:** MW frequency of *AFN* (American Forces Network) is Limburg 873 kHz.
("Save VOA-Europe Action Group" home page)

*Radio Netherlands* English schedule valid March 30th till October 26th shows no transmissions to Europe on MW 1440 kHz, but "we're working very hard to be back on mediumwave again this coming autumn". (RN 'On Target' )

**PERU:** *Radio Miraflores*, Lima on 1250 kHz: after a follow-up to a '96 report I received a letter in English from Renzo Palma, Programming Director for their FM station on 96.1 MHz, in which he said that *Radio Miraflores* (which has been owned by his family since 1935!) is setting up 6 web pages. Address is: Manco Cápac 495, OF 401, Miraflores. Phone 444 1773 & 444 0966, fax 445 0126 . (PO via MV)

**POLAND:** On March 3rd *Trans World Radio* began broadcasting to Scandinavia from a 300 kW MW transmitter in Szczecin. The first programmes aired would be five days a week of "Thru the Bible" in Finnish and Swedish produced by TWR's national partners in the Scandinavian countries. (WB)

**PORTUGAL:** The WRTH '97 repeats and increases mistakes re. MW stns from *Radio Comercial*, so delete the following MW sites/txs:
Aveiro 783 kHz 10 kW, Porto Alto 1035 kHz 120/25 kW plus Bragança/Canidelo/Valença all 1170 kHz, Elvas 1332 kHz 1 kW & Braga/Chaves/Miranda-do-Douro all 1575 kHz 1 kW. From them all, only Canidelo (Porto) and Porto Alto still exist but are both inactive, the other sites/QRGs/txs having been mere QRG assignments in Geneva, but don't "exist" as stations, and it's most improbable Radio Comercial will ever use them. (CG)

**RUSSIA:** Broadcasting times for opposition *People's Wave* radio. The new Narodnaya Volna radio station set up by the opposition Popular Patriotic Union of Russia plans to broadcast from 1830-1900 on Tues and Thurs on 1017 kHz, the frequency normally used by the business news station Radio Rezonans. (BBCM via AGDX via WB)

**SLOVAKIA:** *Radio Regina Bratislava*, a new regional station of Slovak radio (SRO) began transmitting on January 7th on 792 kHz. Target is the entire Bratislava area with about 620.000 people.
(BBCM via AGDX via WB)

**TAJIKISTAN:** Test transmission was conducted by the *BBC* via Kolkhozabad 1000 kW transmitter in Pashto at 1500-1530 UTC on 648 kHz between 1st and 8th March 1997.
(Alok Dasgupta/IND via WB)

**THAILAND:** The MW listing in the WRTH '97 is not up to date. Here is a MW bandscan from Bangkok. Only strong local stations from BKK are listed:
540, 576, 594, 630, 675, 747, 792 and 819 kHz *Radio Thailand* Home Service //4830 and 6070 kHz.
873 and 891 kHz *Radio Thailand* Home Service //7115 kHz.
918 kHz *Radio Thailand* External Service.
945, 963, 981, 999, 1035, 1053, 1161, 1233, 1269, 1305, 1422 and 1521 kHz. No time to identify all of them.
Radio Thailand Home Service is not always in // with 4830 and 6070 kHz. external Service is on 918 kHz and not 927 kHz. No transmissions during the night (local time) on 918 kHz. That means no transmissions in German and French on MW. (JL)

**UKRAINE:** *Radio Ukraine International* external broadcasting schedule: 963 kHz 1800-0800 to Europe. (WB)

**UNITED KINGDOM:** *Radio Chelsea 1494 AM* was launched on 22nd February '97. It goes out wihtin a five mile (or so) radius of Stamford Bridge on home match days between 8:00am and midnight. And it has one aim - to keep Chelsea fans in touch.
(R.Chelsea Web Site via JG)

**YEMEN:** *Yemeni Republic Radio* from Aden appears to have reactivated a high power transmitter on 792 kHz. (BBCM)

Thanks to the following contributors:

| | | | | |
|---|---|---|---|---|
| AAM | Alek. A. Morushin | RUS | | |
| FA | Felipe Asenjo | CHL | | |
| CG | Carlos Gonçalves | POR | R-8E, PR-155 | 25 + 45 m inv L, pocket loop |
| HS | Hakan Sundman | FNL | | |
| JG | Jorge Garzon | E | Medi DX News | |
| JL | Jürgen Lohuis (D) | THA | | |
| MV | Mark Veldhuis | HOL | | |
| OTG | O.T.Goonewardena | CLN | | |
| PO | Paul Ormandy | NZL | | |
| PP | Piet Pijpers | HOL | HF-225E | 20 m lw ATL 3 loop |
| SSF | Stefan Schliephacke | D | Johnson HF1000 | 3 beam inv V |
| SW | Sarath Weerakoon | CLN | | |
| VK | Vashek Korinek | AFS | R7/DR7 | 50 m lw |
| WB | Wolfgang Büschel | D | | |
| WH | Wolf Harranth | AUT | Kurzwellen-Panorama/Inter-media | |
| YMR | Ydun M. Ritz<br>BBC Monitoring | DNK<br>G | Satellit 3400<br>items copyright | 16 m lw |

Until next, take care and 73s

Please remember next deadline to my address (see page 2) is April 24th, '97.

# MW-LOGGINGS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 153.0 | 1118-1215 | D | DLF Donebach 2/3, G, tks, class.mx excerpts, trfc info. Over/under ALG | 34443 | CG |
| | 180.0 | 0012-0031 | TUR | TRT Polatli 9/3, Turkish, nx (t) | 24453 | CG |
| | 189.0 | 1913-1944 | I | RAI Caltanisetta 22/2, I, tks, mx, advs. Uty QRM | 24452 | CG |
| | 189.0 | 1132-1220 | I | RAI Caltanisetta 2/3, I, Pagina Sportiva, wx, advs, tks. Uty QRM | 24442 | CG |
| | 207.0 | 2246-2308 | D | DLF Aholming 21/2, G, tks, press rev., NA+ID+TS+TC, nx+wx. UKR+JOR audible underneath. MRC was off the air | 34454 | CG |
| | 270.0 | 2230-2300 | * CZE | CR, Uherské Hradiste 23/2, Czech, mx & tks, TS prior to s/off. Hrd w/ a GRUNDIG car rx whilst ferrycrossing River Sado south of Lisbon. (We were returning fm Sao Luis to Lisbon and as usual I try this rx to see how propagation is like at the time, especially because the river is very wide beteen Setubal & Troia thus permitting good clear sigs! This is by the way the best "DX site" when receiving VOA in STP w/ tremendous signals over CVA!) | 45554 | CG |
| X | 549.0 | 1645-1655 | ??? | UNID 14/2, px in Farsi, QRM | 33--3 | OTG |
| | 580.0 | 0545- | CAN | CJFX, Antigonish NS 21/3, C&W, phone-in, ID | weak | PP |
| | 585.0 | 1713-1730 | TUN | RTT Gafsa 18/2, A, phone-in, ID, //630 kHz | 33533 | SSF |
| | 590.0 | 0515- | CAN | VOCM, St. John's NF 11/3, "VOCM's weather forecast" | poor | PP |
| | 660.0 | 0450- | USA | WFAN, New York NY 21/3, sports, ad for Radio Shack | good | PP |
| | 693.0 | 1747-1750 | I | RAI1, Potenza 19/2, I, YI on politics, //others | 32532 | SSF |
| | 693.0 | 1536- | D | DW, sport by male in German | 55455 | AAM |
| | 700.0 | 0520- | CAN | CHSJ, St. John NB 21/3, C&W, ID, very noisy | weak | PP |
| | 702.0 | 2302-2315 | TUR | TRT Caltaca (Istanbul) 21/2, Turk, nx, rpts. Drowned under SVK | 44433 | CG |
| | 720.0 | 1805-1814 | POR | RDP var. 19/2, P, football Lisbon v/s? | 24543 | SSF |
| | 729.0 | 2316-2328 | IRL | RTE-1 Corcaighe (Cork) 21/2, E, Irish tunes, interviews. Very poor underneath E | 32442 | CG |
| X | 758.0 | 0010-0020 | PAK | Radio Pakistan 10/2, prayers and anthem | 34--3 | OTG |
| | 760.0 | 2125-2216 | YEM | Radio Mukalla pres., 3/3, A, few anns, trad.songs, Quran fm 2205, off pres. 2216, very deep fadings | 24522 | SSF |
| | 774.0 | 1842-1848 | EGY | Middle East Comm., Abis 19/2, A, songs, Al-Kahira | 23533 | SSF |
| | 792.0 | 1850-1855 | GRC | VOA Kavalla 19/2, E, rainfaorest, ID | 33533 | SSF |
| | 837.0 | 2104-2110 | G | BBC Leicester 18/2, E nx, ID, phone, AS songs | 24533 | SSF |
| | 837.0 | 2104-2110 | YUG | RST Novisad, Sombor, Serbian YL nx, OM rpt, //1269 kHz | 33533 | SSF |
| X | 855.0 | 1540-1550 | ??? | UNID 12/2, talks in Arab and prayers | 34--3 | OTG |
| | 864.0 | 1731-1750 | CZE | Czech R2, Strahonice 22/2, Czech folk, ID+address | 23533 | SSF |
| X | 864.0 / | 0115- | ARM | TWR relay, presumably Yerevan 8/2, s/on w IS, thenm ann's and talks in (probably) Farsi | 43333 | VK |
| | 880.0 | 0350- | USA | WCBS, New York NY 22/2, "WCBS Newsdesk" | poor | PP |
| | 900.0 | 2358-0000 | SVK | SVK1, Velkv Slvakov, Slovakian songs, TS, ID, nx, //1098 kHz | 33533 | SSF |
| X | 918.0 | 0135- | SVN | RTV Slovenija 8/2, Slovene w phone-in px and some pops | 33333 | VK |
| | 945.0 | 2329-2336 | RUS | Radio Rossii, Rostov-na-Donu 7/3, R, instrumental mx, ID, talk | 33533 | SSF |
| | 981.0 | 1731-1750 | CZE | Czech R2, Jihlava 22/2, Czech folk, ID+address | 24544 | SSF |
| | 1008.0 | 2320-2327 | E | SER Las Palmas 3/3, S, cerveza, sports, own px | 33533 | SSF |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1010.0 | 0320- | CAN | CFRB, Toronto ON 16/3, nx abt J.P.Morgan & The Bank of Canada | f pks | PP |
| | 1010.0 | 0500- | USA | WINS, New York NY 21/3, "WINS Newstime 12.01" | fair | PP |
| | 1030.0 | 0400- | USA | WBZ, Boston MA 22/2, ID, nx, wx | fair | PP |
| | 1044.0 | 2008-2015 | GRC | ERT Thessaloniki 19/2, Greek, football, //7429.7 kHz | 33533 | SSF |
| X | 1053.0 | 1355-1405 | IND | Tuticorin Ext. Service 12/2, Sinhale | 44--4 | OTG |
| | 1071.0 | 1706-1711 | E | Euskadi Irratia 22/2, Basque, Nathalie Cole, ID | 34544 | SSF |
| | 1130.0 | 0529- | USA | WBBR, New York NY 21/3, "WBBR Newstime 12.29" | fair | PP |
| | 1161.0 | 1715-1720 | BUL | Horizont, var. 19/2, Bulgarian YL ID, instrumental mx, //1296 kHz | 44544 | SSF |
| | 1178.0 | 1511- | S | Radio Sweden, female talk by minister Laila | 33232 | AAM |
| | 1190.0 | 0540- | USA | WOWO, Fort Wayne IN 21/3, "WOWO Newstime ...", first time I heard this one | weak | PP |
| | 1206.0 | 0200-0204 | ISR | IBA Haifa 23/2, Hebrew, ID, nx | 24543 | SSF |
| | 1233.0 | 0220-0227 | MRC | RTM Tanger 9/3, A songs, //Sidi Bennour 540 kHz | 33533 | SSF |
| X | 1233.0 | 1550-1605 | MCO | Radio Monte Carlo in Arab, E mx, 1600 nx | 34--3 | OTG |
| X | 1242.0 | 1602-1610 | OMA | Oman 12/2, A nx by male | 34--3 | OTG |
| X | 1250.0 | 0150- | B | Radio Litoral, Casimiro de Abreu 8/2, P w ann's, talks on Carnaval | 33333 | VK |
| | 1260.0 | 1513- | G | BBC WS sport by male in English | 55455 | AAM |
| X | 1260.0 | 0000-0010 | GRK | VOA Rhodes, E weather, //1548 Kuwait & 1575 Thailand | 34--3 | OTG |
| | 1280.0 | 0351-0400 | B | Radio Tupi, Rio 9/3, P, song, ID, freq OM | 23533 | SSF |
| | 1296.0 | 1715-1720 | BUL | Horizont, var. 19/2, Bulgarian YL ID, instrumental mx, //1161 kHz | 33533 | SSF |
| | 1296.0 | 1720-1726 | YUG | RST Losnica 18/2, Serbian ads, tel.nos, ID | 23532 | SSF |
| | 1296.0 | 2230-2245 | G | Radio XL (t), Birmingham 21/2, E, advs, Indian mx. QRM de E | 33442 | CG |
| | 1332.0 | 1731-1750 | CZE | Czech R2, Budejovice 22/2, Czech folk, ID+address | 33533 | SSF |
| | 1349.0 | 2240-2252 | MRT | Radio Mauritanie 7/3, A slow OM song, instrumental mx, talk OM/OM, still no 60mB outlet | 23532 | SSF |
| X | 1350.0 | 0115- | B | Radio Cristal, Salvador 2/3, P w ann's, local rural songs, a commentary, talks | 33333 | VK |
| | 1375.0 | 0520- | SPM | RFO, St. Pierre et Miquelon 15/3, Vintage French chansons, //162 | vy wk | PP |
| | 1380.0 | 0400-0406 | RUS | UNID 21/2, R nx, melody, distorted, songs, who? | 25533 | SSF |
| | 1380.0 | 0417-0422 | CLM | RCN Tunja 24/2, S nx, comms, RCN ID | 23533 | SSF |
| | 1380.0 | 0254-0300 | CHL | Radio Corporacion 8/3, A, "ka internacional R.C." jingles, ID, freq | 33533 | SSF |
| X | 1395.0 | 0150- | HOL | Talk Radio 2/3, Dutch w a male and female moderator taling phone calls | 24232 | VK |
| X | 1413.0 | 1615-1620 | OMA | BBC Oman relay 12/2, Persian | 34--3 | OTG |
| | 1440.0 | 1516- | F | RFI, male talk in F, nx by female | 34433 | AAM |
| X | 1440.0 | 1405-1410 | ARS | Dhamman 12/2, A px, talks & mx | 34--3 | OTG |
| X | 1450.0 | 2150- | B | Radio Globo de Minas, Joao Monlevade 16/2, P w soccer reports, discussions, ann's | 23322 | VK |
| | 1458.0 | 1830-1900 | ALB | Radio Tirana 12/3, G, nx on the serious situation in ALB, | 54444 | YMR |
| | 1470.0 | 0242-0248 | VEN | Radio Vibracion, Carupano, S, merengue, TA, ID | 34533 | SSF |
| | 1470.0 | 0600- | VEN | YVSY Radio Vibracion, Carupano 25/2, LA mx, ID | poor | PP |
| | 1476.0 | 1732-1704 | UKR | RL Lviv 22/2, Ukrainian nx, ID | 34533 | SSF |
| | 1500.0 | 0321-0325 | VEN | Radio Dos Mil, Cumana 23/2, S, TA, ID, short ad, VEN pop | 34544 | SSF |
| X | 1500.0 | 2140- | B | Radio Pajeu, Afogados de Ingazeira 14/2, P w actuality px | 22342 | VK |
| | 1500.0 | 0605- | VEN | YVRZ Radio Dos Mil, Cumana 25/2, tlk in S, ID | f pks | PP |
| | 1500.0 | 0530- | USA | WTOP; Washington DC 15/3, "WTOP Newstime 12.30" | fair | PP |
| X | 1503.0 | 2015- | IRN | IRIB Bushehr (site as listed) 14/2, farsi w slow talks and slow mx, nx bulletin 2030 | 33333 | VK |
| | 1510.0 | 0323-0339 | VEN | Radio Informativa 1510, Güigüe 9/3, S songs, TA, ID, WNRB with S! +VEN mx at the same time | 22532 | SSF |
| | 1510.0 | 0323-0339 | USA | WNRB Boston, MA 9/3, S, songs, TA, WNRD 0327 | 33533 | SSF |
| | 1520.0 | 0600- | USA | WWKB, Buffalo NY 16/3, ID, nx in heavy QRM | weak | PP |
| | 1530.0 | 2120-2128 | STP | VOA Sao Tome 18/2, E, YL on film industry, ID | 32532 | SSF |
| | 1530.0 | 0310-0316 | STP | VOA Sao Tome 3/3, E, ID, interview, //4960 kHz | 33533 | SSF |
| | 1530.0 / | 1730-1750 | STP | VOA Pinheira 23/2, P to AGL+STP, medical px "Consulte o Dr. Soares". QRM de CVA | 34443 | CG |
| X | 1548.0 | 0200-0215 | CLN | DW relay 12/2 | 34--3 | OTG |
| X | 1548.0 | 1410-1415 | CLN | DW relay 12/2, German talks | 34--3 | OTG |
| | 1557.0 | 2113-2118 | HRV | HR Osijek 18/2, Croat comment, //1134 kHz | 33533 | SSF |
| | 1557.0 | 2228-2232 | G | Mellow 1557, Tendring 21/2, E, several IDs, song | 33533 | SSF |
| | 1557.0 | 0427-0433 | G | Northants Supergold 24/2, E, lots ads, ID | 33533 | SSF |
| | 1557.0 | 0427-0433 | HRV | HR Osijek 24/2, Croatian own px, folk, ID | 33533 | SSF |
| | 1560.0 | 0505- | USA | WQEW, New York NY 15/3, Jazzvocals, "15-60 WQEW" | fair | PP |
| X | 1575.0 | 1415-1420 | THA | VOA Thailand 12/2, px in Khmer | 34--3 | OTG |
| | 1590.0 | 0350-0401 | VEN | Radio Deporte, Caracas 23/2, S, sports in MEX+VEN, history of sports, Atlanta, 0400 ID, NA, off | 33533 | SSF |
| | 1602.0 | 1728-1732 | I | RAI Bozen, var. 19/2, G on history, ID | 33533 | SSF |
| | 1602.0 | 1728-1732 | I | RAI3, var. 19/2, I, OM rpt, ID, //others | 22532 | SSF |
| | 1620.0 | 2330-2341 | GRC | ERA (?) Ierepetra 21/2, Greek songs. Uty QRM | 23441 | CG |
| | 1660.0 | 0510- | USA | WJDM, Elizabeth NJ 15/3, Kinks "Lola", Radio Aahs ID | weak | PP |

*Edited By Ken Baird*

E-mail until at least June 97

**cluser21@south-ayrshire.gov.uk**

April already, how time flies. I have been very busy with 101 things here at this end, but have managed a few precious hours between times at the radios. Thanks to all for the e mails, everything appreciated. If anyone wishes to send logs in say excel, or access, that is no problem as an attached file. I have a lot this time from AB, as well as Radiorama, and CG in Portugal. CG reports the Radio Pirana report in Feb 97 on 11mHz was not his, sorry. I must have mixed something up in the chaos here in the shack!!

Three Relays are to be aired via KIWI Radio. The relays are:

Relay # 1:
RADIO PIRANA INTERNATIONAL from Sth America. ( DO-NOT put station name on envelope please) Contact to :
Seniores
Casilla 2571
1000-Buenos Aires
Argentina

Relay # 2:
KFM - UK ( King Fisher Ministries - UK )
Contact To: P O Box 3103
Onekawa
Napier
New Zealand

Relay # 3: RADIO COCHIGUAZ INT from Sth America. This programme is in Spanish
(DO-NOT put station name on envelope.
Contact to:
Seniores
Casilla 2571
1000-Buenos Aires
Argentina

2 IRC's are appreciatted to cover postage costs etc. The regular freq of KIWI, 7475 USB UTC around 06/0900

"Vogelfreies Radio - Update 96" is out now. The 12 page supplement to the book continues the story of shortwave pirate radio from Germany and Switzerland. It includes a summary of what happened in the free radio scene last year. Plus an exclusive interview with Dr. Tim about his raid, the history of Radio RTN, Sunshine Radio Classic Rock and Radio Concorde. The Update costs 2 DM in stamps, one dollar or one IRC (in Europe). "Vogelfreies Radio", the book including updates, is now available at reduced price, DM 15 (in Germany) or 15 UD dollars (in Europe)(cash, no cheques). Remember that both publications are in the German language! All orders to Bjoern Quaeck, P.O.Box 103113, 44031 Dortmund, Germany. Watch out for the "Vogelfreies Radio" internet pages, soon to appear as part of the SRS website.

Radio Northsea Int: According to the station's latest info-sheet, Radio Nordsee International is on the air every 2nd Sunday of the month on 6216 kHz (using an own 25 watt tx) and every 4th Sunday of the month on 6275 kHz (relayed by Radio Free London). DJs include Sascha Hellmann, Mike Anderson, Oliver Albrecht (ex Radio Antenne West, 46 RADIO), Joerg Schneider, Thomas Haase, Mike Drove and Frank Petersen (Ex Party Radio). (SRS News)

Some comments via e mail from Sweden..

"I must say I am amazed at which type of signals the Dutch pirates put in all over Europe. I used to live in Brittany before coming to Sweden and then always had very strong signals on medium wave from them and later also during the day from the Farmers of Holland. Their signal was comparable to
5955 from Radio Nederland! I do not think they are emptying a crate of beer each when they are broadcasting. I'd say they are just a bunch of 18-20 year olds who broadcast for a bit of fun. All of them farmers yes though. Greetings from Wst, Vaxjo Sweden "
1640 2208-2210* HOL Radio Mi Amigo 21/3/97 polkas and Dutch. ann address as Postbus 101 in 7670 AC Vriezenveen, NL 33333 WSt

6250 1140-1150 IRL Radio Freedom Int 23/3/97 Irish Top 30 33323 WSt

WSt - Wian Stienstra, Sweden, Lowe HF-225 + Forster Loop

German station Radio Laguna Int. is on line now:< Lagunasw@aol.com>

Radio Noname was heard on Sunday 16TH March in a joint project of Radio Tonair, Radio Torenvalk Radio Perfect, Radio Dr.Tim And Radio Nordsee, in the studio of one of the German stations. The Wuppertal maildrop was announced together with the CompuServe E-mail address of 101625.2412@compuserve.com! A phone hotline was given to be 0172-9313609. Radio No Name announced another raid of the Farmers From Holland Sunday 16TH March at about 11.30 UTC by the Dutch PTT! They had been on for only about half an hour so the PTT guys must have awaited their s/on!

Thank you to Radio Dr Tim for the letter, stating that my comments in the Feb edition were totally wrong, and no such statements were made on air, contrary to the many e mail reports to both myself and SRS news. (I give up...KB)

Greek logs From e mail from Zacharias Liangas DSWCI #3507
http://www.compulink.gr/Users/zliangas/central.htm (new !)
23-3-97 in Methoni analog radio therefore +/- 15 kHz

1550 Giganta 1027 , old songs dedications , good
1254 R 139 folkies@ 1034 good
1610 rel FM 104 @1040 good
1530 Mak Ihos 1035 -40 folkies good
1610 Avgerinos 1257 ID poor
1570 Mous Kanali 1 ID 1300 good
1450 '149' Chalkidona - rock songs poor

25-3-97 Thessaloniki

1290 Atakto Pedi at 1255 ID , oldies Good ( stn owns to Agios )
1620 Thavmastikos (???-) from Yanina at 1730 olds too . Fair

CR in Portugal reports an UNID Greek on 22/2 on 1634kHz, at 1942, and I hear a regular on a Saturday around 2000 on 1650 area, with amazing signals. I wonder if anyone could convince

these fellows to play taped multilingual ids, as they are being heard all over Europe.

**Radio Star Country**: The current telephone number for Radio Star Country is Ireland (353) 47 87988. Remember the station has been bought by UCB, and although separate from 549, still has religious music at regular intervals, and sometimes ID as simply Radio Star. They recently advertised for sales staff, with the following telephone number. David on 01762 354503. They also publicise their ad office on 01762 392092, or fax 354503, Paul was the operator of WABC from Greencastle,, Co Donegal, as well as the Radio Stella relay operator for a time, on 6320. Paul was also heard on Radio Fax on a Sunday.

**Great North Radio:** Sunshine Radio 954 from the border area north of Dundalk/ Newrey now has the new name, Great North Radio. The poor signal and low audio will not be helped by the fact that a good percentage of the signal can be heard on 1908kHz. They have a telephone number of 353 42 71973.

The station which used to play the non stop boring country music tape 24 hours a day on 1413kHz last year has come back to the forefront. I was at a local radio rally the other day, and met an Irish chap who happened to have built the transmitter they used to use. Music City Radio may be as good as defunct, but the gentleman had an interesting past history of early Irish pirates, and had built transmitters for amongst others, Northern Radio, Omeath, 1298kHz from 1980, and Telstar Radio in Dundalk 1197kHz. It is amazing who you meet.

I have taken this opportunity to include a frequency listing of stations heard coming out of Ireland recently. During some high pressure a few weeks ago, I had a lift to Ireland, where a number of the higher powered stations from the Dublin area were coming through. This is almost the time of year when the FM band will begin to open up, so I have included a list, for sporadic e dxers.

87.9 Unid dance music, poss Energy Dublin
103.1 Pulse FM Dublin
105.3 Spectrum FM Former Coast operation.

the number as above. The Friday evening show called Ryan's Way, can be contacted at Potradown 337199, which is in the north. The address for this programme only, 12 Walkland Rd. Portadown, Northern Ireland.

**Radio North** as the station has been called for at least a couple of years now, on 846, (and weak on 1692) has the old number of Ireland (353) 77 83149. The voice of Paul Bentley is again often heard on the adverts.

105.7 Freedom FM Dublin same stn as SW
106 Hits 106 Dublin or Dunlaoire ex DLR?
106.4 Club FM Dublin's dance mix
106.9 Hits 106 // 106
107.1 XFM Dublin
549 United Christian Broadcasters // Astra tp20
846 Radio North, Carndonnagh Co Donegal
954 Great North Radio, Co Louth (very low audio)
981 Radio Star Country, Co Monaghan
1637 UCB 3rd harmonic (weak)
1692 Radio North 2nd harmonic (weak)
1908 Great North Radio 2nd harmonic
1962 Radio Star Country 2nd harmonic (weak)
3910 Reflections Europe Sundays 1500/2200
6200 UCB //549
6210 Laser Hot Hits Relay
6219 Laser Hot Hits Relay
6237.6 Jolly Roger Radio, Laser and other relays
6250 Freedom FM Dublin // fm 105.7
6255 Ozone Radio Dublin, ex Westside Radio. freq varies wildly from week to week.
6295 Reflections Europe // 3910 (poss // 12255)
6939 ABC Dublin usually poor/ low audio.

I hope to keep this Irish list updated regularly now, and may even be including a list of interesting web sites. I understand there is a large history prophile being currently built around early Irish pirates.... Watch this space.

| | | | | | |
|---|---|---|---|---|---|
| 6278 | 0931-0932 | unid | 02/03 | E ann 0932 s/off | 23322 |
| 6280 | 0952-1000 | Radio Freudenstab | 23/02 | G Kalle Prinz no reply | 23433 |
| 6280 | 1004-1006 | Radio Northsea International | 09/03 | G ID | 23433 |
| 6280 | 1029-1030 | Radio Pandora | 09/03 | E letters ID | 23433 |
| 6280 | 0908-0910 | Radio Pandora | 23/02 | E oldie adr | 33443 |
| 6280 | 0923-0925 | unid | 02/03 | sof music | 23433 |
| 6282 | 1055-1056 | Radio Perfekt | 02/03 | Mr Charlie greetings logs | 25433 |
| 6285 | 0904-0910 | IMR | 23/02 | E pop hello | 24333 |
| 6287 | 1054-1056 | Radio Noname | 16/03 | QSL-letter Wuppertal | 35433 |
| 6289 | 1149-1150 | SBS Studio Blue Sky (tent) | 16/03 | E child voice | 23433 |
| 6290 | 0855-0900 | Delta Radio | 02/03 | E Rueil-adr | 43443 |
| 6294 | 1106-1108 | Farmers of Holland | 09/03 | E ID | 43443 |
| 6294 | 1059-1100 | unid | 16/03 | polka | 45444 |
| 6295 | 1012-1015 | Farmers of Holland (tent) | 02/03 | D mx ann | 35444 |
| 6295 | 1107-1110 | Farmers of Holland (tent) | 23/02 | D pop rock ann | 25322 |
| 6400 | 0717-0720 | Radio Free London | 16/03 | E ID // 6400 | 43443 |
| 6400 | 0848-0850 | Radio Free London | 02/03 | E Oldie ID | 44434 |
| 6939 | 1154-1156 | ABC Dublin | 16/03 | E ID ABC 94FM | 24442 |
| 6939 | 1032-1200 | ABC Dublin (tent) | 09/03 | E Odlies | 34444 |
| 6939 | 1151-1200 | unid (ABC ??) | 02/03 | E rock pop anorak-jingle | 24443 |
| 7306 | 0831-0833 | Europe Music Radio | 16/03 | Ital pop ID USB | 24433 |
| 7306 | 1033-1034 | Z100 | 09/03 | E ID | 23433 |
| 7354 | 1015-1020 | Radio Double Jov | 09/03 | E Oldie ID | 24433 |
| 7354 | 1016-1025 | unid | 23/02 | E Oldies ID | 24443 |
| 7360 | 1015-1016 | BRI | 23/02 | E ID | 25443 |
| 7480 | 1018-1022 | Angel FM | 23/02 | E talk | 25343 |
| 7500 | 0935-0940 | Radio Internationale | 02/03 | Ital pop ID | 35444 |
| 7500 | 1129-1132 | Radio Internationale (tent) | 16/03 | house pop also 23/2. 9/3 | 33443 |

| 3902 | 1007-1010 | unid dutch | 23/02 | polkas | 35433 |
|---|---|---|---|---|---|
| 3905 | 2111-2250 | Radio Friendship Int'l | 15/03 | E ID LSB | 34444 |
| 3906 | 1027-1028 | VO Netherlands | 23/02 | D mx ID | 35444 |
| 3909 | 2245-2247 | Radio Driland | 15/03 | G folk ID | 33433 |
| 3910 | 0958-0959 | Radio Atlantis | 23/02 | D Beilen | 35343 |
| 3911 | 1117-1121 | Radio Daiwa | 02/03 | D ID | 25433 |
| 3920 | 1109-1110 | unid dutch | 16/03 | D QSO also unid 3915 | 25242 |
| 3925 | 1130-1133 | Radio Boomerang | 02/03 | 9+20 dB QSO Black Power | 55444 |
| 3927 | 2246-2250 | Radio Korak | 15/03 | D folk ID | 45444 |
| 3930 | 0913-0914 | unid | 23/02 | E religious talk | 25443 |
| 3933 | 1106-1107 | unid dutch | 02/03 | QSO Black Power | 25322 |
| 3934 | 1105-1106 | Radio Black Power | 02/03 | D ID | 35444 |
| 3945 | 0718-0720 | Radio Free London | 16/03 | E ID | 43443 |
| 3945 | 2337-2340 | Radio Free London | 15/03 | E not heard on 5806 | 24433 |
| 3945 | 0849-0850 | Radio Free London | 02/03 | E Oldie ID | 24322 |
| 5804 | 0718-0720 | Radio Free London | 16/03 | test S=8 no fading / QRM | 35444 |
| 6200 | 0859-0901 | UCB | 16/03 | E religious | 33443 |
| 6200 | 0958-1000 | UCB Europe | 09/03 | E religious | 45444 |
| 6200 | 0918-0932 | UCB Europe (tent) | 02/03 | E rel px phone letters | 34433 |
| 6200 | 1125-1130 | unid | 23/02 | Merlin-adr QRM on 6200 | 22322 |
| 6206 | 0944-1150 | Radio Bremen | 16/03 | adr | 43443 |
| 6210 | 0920-0925 | Laser Hot Hits | 23/02 | E ID | 22322 |
| 6210 | 0959-1000 | unid | 09/03 | pop | 24433 |
| 6210 | 0919-0925 | unid (Laser Hot Hits ??) | 02/03 | E Robert Miles letters | 24322 |
| 6211 | 1009-1010 | Radio Bremen | 02/03 | ID pigs of HOL are best | 35444 |
| 6214 | 0825-0827 | Radio Brigitte | 16/03 | E ID | 24433 |
| 6216 | 0959-1140 | Radio Northsea International | 09/03 | G ID | 24433 |
| 6219 | 0840-0845 | Laser Hot Hits | 23/02 | E ID | 34444 |
| 6219 | 0829-0830 | Laser Hot Hits | 16/03 | E jingle | 33443 |
| 6219 | 0851-0930 | Laser Hot Hits | 02/03 | E letters phone email | 22322 |
| 6237 | 1015-1016 | BRI | 23/02 | E ID | 34444 |
| 6238 | 1018-1020 | BRI | 09/03 | E dance ID | 24433 |
| 6238 | 0841-0845 | Jolly Roger Radio | 23/02 | E tekkno ID | 34444 |
| 6238 | 0826-0828 | JRR Int'l | 16/03 | E jingle | 24333 |
| 6238 | 0853-0910 | JRR International | 02/03 | E country ID | 23322 |
| 6238 | 1000-1005 | Riverside FM | 09/03 | E ID | 24433 |
| 6245 | 1108-1120 | Ozone Int'l (tent) | 16/03 | E Oldie adr | 34433 |
| 6249 | 1001-1045 | unid | 09/03 | "E Hit107 FM""" | 23433 |
| 6250 | 0923-0925 | SBS Studio Blue Sky | 23/02 | E mx ID | 23433 |
| 6250 | 1142-1205 | unid (Freedom Int'l ??) | 23/02 | E Oldie talk | 23322 |
| 6250 | 1205-1210 | unid irish | 16/03 | E ann 1210 f/out | 24333 |
| 6251 | 0939-1002 | unid | 02/03 | "E Dublin's NBC 94FM" | 23432 |
| 6252 | 0930-0935 | Free Radio Maker | 23/02 | E pop ID | 24433 |
| 6252 | 1005-1020 | unid | 16/03 | Genesis rock nonstop | 35433 |
| 6254 | 1038-1038 | VO Reflection | 23/02 | E ID | 24433 |
| 6255 | 1036-1050 | Radio North Pole | 02/03 | D pop ID | 45444 |
| 6260 | 0951-0951 | IMR | 23/02 | E ID CQ RMGP | 23433 |
| 6260 | 1046-1048 | Radio Bremen | 23/02 | E PO 962 -7550 AZ Hengelo | 24333 |
| 6260 | 0854-0900 | RMGP Ghost Planet | 23/02 | Wuppertal-adr | 35433 |
| 6261 | 0947-0947 | CWR | 02/03 | Chris Ise ann Benelux 7480 | 24433 |
| 6262 | 1042-1045 | Ozone Int'l | 16/03 | E rock ID | 23433 |
| 6266 | 1012-1014 | UK Radio | 09/03 | E pop ann ID | 23322 |
| 6266 | 0945-0950 | UK Radio | 23/02 | E pop ID | 23433 |
| 6266 | 1038-1040 | UK Radio (tent) | 16/03 | E pop ann | 24333 |
| 6269 | 1100-1101 | CWR | 02/03 | QSO Metropolis | 23433 |
| 6270 | 1003-1010 | Radio Metropolis | 02/03 | G Wuppertal-adr first live | 24343 |
| 6274 | 0854-0856 | RMGP | 02/03 | E ID | 33443 |
| 6274 | 0906-0908 | RMGP | 16/03 | Ital/E ID | 24433 |
| 6275 | 1003-1007 | City FM | 09/03 | E pop ID | 45434 |
| 6275 | 0941-0943 | IMR | 02/03 | QSO RMGP | 24333 |
| 6275 | 0842-0850 | Radio Northsea International | 23/02 | G radionews ID | 35444 |
| 6277 | 1127-1128 | Radio Brigitte | 16/03 | D ID | 24433 |
| 6277 | 1103-1105 | unid ( Ozone ??) | 23/02 | E rock ann | 23443 |
| 6278 | 0931-0932 | unid | 02/03 | E ann 0932 s/off | 23322 |

# WORLD NEWS

## edited by Noel Green

Last time I ran out of space when I reached the USA so let's mosey on down that trail once again :

U.S.A. The US Govt funded Radio Free Asia began broadcasting in Korean on March 4th. This is the fifth of seven planned RFA language services. RFA Korean is transmitted 2200-2300 & 1530-1630 (see below). For the RFA Mandarin service, VOA Delano is being used at 2300-0000 (initially on 11970 but now changed to 11870) and again 1500-1700. RFA Mandarin has added its third hour, 1600-1700, which time has recently been vacated by VOA Mandarin in an agreement between the two stations. Communications World via M.Ogrizek-EDXP

The RFA sched is very dynamic! BP has attempted to compile this composite sched integrating recent changes made on 4 March using data sourced to Nagoya DXers Circle, BC-DX, HFCC W96 & intuition! : via EDXP & ES

| | |
|---|---|
| Burmese | 0030-0130 7455 7515 7530 |
| Vietnamese | 0030-0130 5865 7415 9910-KHBN |
| Tibetan | 1300-1400 7355 & 9440 both Dushanbé |
| Vietnamese | 1400-1500 5865 6240 7520 9930-KWHR |
| Burmese | 1500-1600 6240 7540 9440 |
| Chinese | 1500-1600 7495 & 7530-Dushanbé 9455-KHBI 9910-KHBN 9805-Delano |
| Korean | 1530-1630 5855 7520 9980 11600 |
| Chinese | 1600-1700 7495 7530 |
| Korean | 2200-2300 7495 7530 7550 9455-KHBI 9650 |
| Chinese | 2300-2400 7495 & 7530-Dushanbé 9650 9910-KHBN 11870-Delano 13800-KHBI |
| | 2300-0000 7415 & 7550-Dushanbé |

HFCC scheds show freqs & langs but omit all reference to sites and powers. Somewhere in there are Armenian relays!

WWCR summer schedule sourced to their Web site reads :

TXer #1 - 100kW at 46°
3210 0500-1100 (30/3-5/4) ; 0400-1000 (6/4-26/10) ***
3215 0100-0500 (30/3-5/4) ; 0000-0400 (6/4-31/5 & 1/9-26/10) 0100-0400 (1/6-31/8)
9475 2300-0100 (30/3-5/4 & 1/6-31/8) 2300-0000 (6/4-31/5 & 1/9-26/10)
15685 1100-2300 (30/3-5/4) ; 1000-2300 (6/4-26/10)
*** note change to 3210 is at 0505(M-F) & 0500(Sa/Su)

TXer #2 - 100kW at 85°
5935 0100-1400 30/3-5/4) ; 0100-1200 (6/4-31/5 & 1/9-26/10) 0200-1200 (1/6-31/8)
13845 1400-0100 (30/3-5/4) ; 1200-0100 (6/4-31/5 & 1/9-26/10) 1200-0200 (1/6-31/8)

TXer #3 - 100kW at 40°
5065 2300-1200 (30/3-5/4) ; 2300-1100 (~~6/4-31/5~~ & 1/9-26/10) 0000-1100 (1/6-31/8) Note : currently using 5070
7435 1200-1400 (30/3-5/4) ; 1100-1300 (1/6-26/10)
7545 1100-1300 (6/4-31/5)
12160 1400-2300 (30/3-5/4) ; 1300-2300 (6/4-31/5 & 1/9-26/10) 1300-0000 (1/6-31/8)

TXer #4 - 100kW at 90°
2390 0200-1300(30/3-5/4) ; 0100-1200 (6/4-31/5 & 1/9-31/10) 0200-1200 (1/6-31/8)
7435 2300-0200 ( 30/3-5/4 & 1/6-31/8) 2300-0100 (6/4-31/5 & 1/9-26/10)
9475 1300-2300 (30/3-5/4) ; 1200-2300 (6/4-26/10)

Juergen Kubiak 9/3

Tentative Summer '97 Version #2 - March 30-26 October :

WGTG - 5085 50kW 250° 2200-0600 : 9400 50kW 250° 1000-2200

WHRI - 5745 100kW 42° 2200-0300(til 6/4) 0400(from 6/4)
5760 100kW 42° 0200-1000(til 6/4) 0400-1000(from 6/4
6040 100kW 157° 1000-1300 - 42° 1000-1500
7315 100kW 157° 0000-1000
9495 100kW 157° 1000-1300 ; 1800-2400 (1700 from 6/4)
13760 100Kw 42° 1500-2300
15105 100Kw 157° 1300-1800

KAIJ - 5810 100kW 320° 0000-1400 : 9815 50kW 42/142° 0100-14
13740 50kW 42° 2300-2400 : 13815 50kW 42/142° 0000-01
13815 100kW 320° 1400-0000 : 15725 50kW 42/142° 1400-00

WRNO - 7355 50kW 20° 2300-0300(0400 from 6/4)
7395 50kW 20° 0400-0700 (0300-0600 from 6/4)
15420 50kW 20° 1500-2300 (1400-2300 from 6/4)

WEWN - 500kW - 5825 40° 0000-1000 : 5960 160° 0800-1100
6890 285° 0000-0800 : 6890 20° 2000-0800
7365 35° 0700-1000 : 7395 20° 2200-0300
7425 20/285° 0800-1300 : 7520 35° 2000-0400
9370 160° 0300-0800 : 9455 20° 1300-1600
9465 160° 1100-1400 : 9975 40° 2200-2400
11875 285° 1300-1600 : 11875 20° 1600-2000
13615 285° 1600-2400 : 15375 140° 1500-1700
15375 155° 1700-0300 : 15610 35° 1000-1800
15745 40° 1000-1800 : 15745 85° 1800-2200

WVHA - 500kW 5850 45/90° 2200-0300
9455 45/90° 0300-0900
9930 45/90° 1800-2200
13825 45/90 0900-1300
17535 45/90° 1100-1800

WYFR - 5950 100kW 355° 0100-0600 & 0945-1500, 285° 0245-0800
5950 100kW 355° 2145-0000 : 5985 315° 0445-0700 100kW
5985 50kW 181° 2145-0445 : 6015 315° 1145-1245 100kW
6065 100kW 355° 0100-0445 : 6086 181° 0945-1400 100kW
6085 100kW 355° 2245-0100 : 6175 160° 0845-1200 100kW
7355 100kW 44° 0300-0745 : 7395 44° 0300-0400 100kW
7520 100kW 44° 0545-0800 : 9355 44° 0245-0800 100kW
9505 100kW 315° 0000-0445 : 9550 160° 0745-1100 100kW
9605 100kW 142° 0800-1000 : 9605 222° 1045-1145 100kW
9625 100kW 140° 0845-1045 : 9680 315° 0145-0600 100kW
9705 50kW 285° 0445-0600 : 9715 285° 2345-0445 50kW
9985 100kW 44° 0300-0745 : 11580 44° 1500-1630 100kW
11650 100kW 44° 2045-2245 : 11705 315° 1600-1700 100kW
11725 100kW 222° 1045-1400 : 11740 222° 0150-0500 100kW
11740 100kW 222° 2145-0000 : 11770 142° 0800-1000 100kW
11830 100kW 315° 1045-1700 : 11855 222° 0000-0600 100kW
11855 100kW 160° 0745-1100 : 11855 315° 2145-0000 100kW
11865 100kW 315° 1245-1600 : 11970 151° 0945-1300 100kW
13695 100kW 87° 0445-0800 : 13695 355° 1045-1400 100kW
15130 100kW 140° 1045-1145 : 15130 285° 1145-1500 50kW
15130 100kW 142° 2145-0200 : 15145 222° 1145-1400 100kW
15170 100kW 87° 0345-0700 : 15215 160° 2300-0300 100kW
15255 100kW 151° 2300-0300 : 15440 285° 0100-0200 100kW
15440 100kW 285° 2145-0000 : 15600 44° 1645-2300 100kW
15695 100kW 44° 1545-2245 : 17555 44° 1745-2145 100kW
17725 100kW 140° 2245-0145 : 17750 285° 1145-1700 100kW
17750 100kW 44 1700-2300 : 17750 160° 2300-0200 100kW
17805 100kW 142° 2245-0100 : 17845 87° 1945-2245 100kW
17845 100kW 160° 2300-0300 : 21525 87° 1545-2245 100kW
21725 100kW 44° 1545-2045 : 21745 44° 1545-1745 100kW

WINB - 11950 50kW 242° 0000-0600
13710 50kW 62° 2000-2400
This station has resumed transmissions and heard on 11739.9 at 1956-2002 in English by Mark Veldhuis-HOL 5/2. This freq is not registered for Summer 97.

VOA - The VOA Chinese txmsn at 1600-1700 will be cancelled (see RFA) and replaced by a transmission at 0900-1000 effect Feb.10 on 9845 11855 11965 12040 13760 & 15515.
A new 15 min Albanian svce beginning Feb.10 at 1530-1545 will be on 11805 13740 & 15240. D.Ferguson-USA
Ed : note : these freqs may change after March 30.

WSHB / KHBI Monitor Radio sched for March 4-Sept.1 shows :
Africa : 0300-0400 7535 : 0400-0500 9840 : 1600-1900 18930 & 9385-KHBI : 1900-2000 17510 & 9385-KHBI 2300-2400 7510 (13770*)
Europe : 0400-1000 7535 : 0800-0900 15665-KHBI 1600-1700 11550-KHBI (15715*) 1800-1900 13770 9355-KHBI (15665 13770-KHBI*) 2000-2200 11550 9355 (15665 13770*) 2200-2300 7510
Middle East : 0500-0600 7535 : 1600-1700 11550-KHBI (15715-KH*BI) : 1800-2000 9355-KHBI (13770-KHBI*)
No Am : 0000-0200 7535 : 0200-0400 5850 : 1000-1400 6095 2100-2200 9355
Mexico : 0200-0300 7535 : 1300-1400 9455
Ce&So Am : 0000-0200 9430 : 0900-1200 7395 : 1200-1300 9455 2200-2300 13770 (15665*)
Oceania & Indonesia : 0800-0900 11550 : 0900-1000 13840-KHBI 1000-1100 15725-KHBI : 1100-1300 9430-KHBI 1300-1400 13840-KHBI (9430-KHBI*): 2000-2100 11860-KHBI (9845-KHBI*) : 2100-2200 13840-KHBI
NoEaAsia : 0000-0100 15665-KHBI : 0900-1100 9430-KHBI (15665-KHBI*) : 1100-1200 9355-KHBI : 2200-2300 13840-KHBI
SoEaAsia & India : 1200-1600 9355-KHBI
Caribbean : 0000-0100 7535 : 1000-1300 6095
WSHB txers except where shown : *indicates this freqcy from May 6th. Note that some freqcys are not on air at times shown on Mondays due to weekend pgms still being broadcast. via ES

VIETNAM Voice of Vietnam on 15010 s-on in English at 1230. On 4578.5 at 1124 Hanoi in Viet // 10060 on 20/2. Also at 0928 same freqcy on 22/2.
5864.5 Hanoi at 1501. Distorted mess on this new freqcy jamming RFA 16/2 // 5925 & 10059 til 1511.

VIETNAM Lao Cai 5597.5 on 16/2 at 1218 // 6701.4. Also at 1305 on 9/2 relaying Hanoi 10059 & 4657.7.
Logging of 4657 - Laos is listed on 4660 but 1240-1245 Lao Cai (tent.) on 3/2. Fair but unstable carrier with local mx. First thought Laos but still there 1445 with frequent mentions of Vietnam and checked // 10060 & 5925.
Radio Son La (tent) 3/2 1345 on 4740. No ID heard. Xinjiang PBS too strong. Gone before 1400.
Unid.Viet 4740v +1130. Could not detect 4790 - drifted down to 4740?.
6701.7 0500-0510 RTV Bac Thai drifted from nominal 6700.
Martin Vitek & Foster-OZ-DX Nigro-DXW Van Den Boogert & Hill-CUMBRE S.Weerakoon-UADX & Petersen

ALASKA KNLS broadcast sched March 30-Sept.28 reads :

| | | | |
|---|---|---|---|
| 0800 English | 9615 | 1300 English | 7365 |
| 0900 Russian | 9615 | 1400 Mandarin | 9615 |
| 1000 Mandarin | 9615 | 1500 Mandarin | 7355 |
| 1100 Russian | 6150 | 1600 Mandarin | 7355 |
| 1200 Mandarin | 7365 | 1700 Russian | 9615 |

ALBANIA Trans World Radio summer season sched from March 30-Oct.26 reads :

CERRIK

| | | | | | | |
|---|---|---|---|---|---|---|
| 0500-0515 | 1234567 | Kurdish | 11635 | 100kW | Zone | 39/40 |
| 0515-0530 | 123 567 | Polish | 9510 | 100 | | 28 |
| 0830-0845 | 23456 | Hungarian | 9490 | 100 | | 28 |
| 0845-0900 | 123 5 | Slovak | 9490 | 100 | | 28/29 |
| 0845-0900 | 6 | Czech | 9490 | 100 | | 28 |
| 1030-1100 | 6 | Slovak | 9490 | 100 | | 28/29 |
| 1340-1410 | 7 | Russian | 11635 | 100 | | 28/29/30 |
| 1340-1410 | 7 | Russian | 9665 | 100 | | 28/29/30 |
| 1340-1440 | 6 | Russian | 11635 | 100 | | 28/29/30 |
| 1340-1440 | 6 | Russian | 9665 | 100 | | 28/29/30 |
| 1340-1455 | 2345 | Russian | 11635 | 100 | | 28/29/30 |
| 1340-1455 | 2345 | Russian | 9665 | 100 | | 28/29/30 |
| 1355-1455 | 1 | Russian | 11635 | 100 | | 28/29/30 |
| 1355-1455 | 1 | Russian | 9665 | 100 | | 28/29/30 |
| 1444-1459 | 1234567 | Kurdish | 11880 | 100 | | 39/40 |
| 1502-1517 | 67 | Armenian | 12080 | 100 | | 29/39 |
| 1502-1517 | 67 | Armenian | 9950 | 100 | | 29/39 |
| 1502-1532 | 12345 | Armenian | 12080 | 100 | | 29/39 |
| 1502-1532 | 12345 | Armenian | 9950 | 100 | | 29/39 |
| 1500-1530 | 1234567 | Polish | 9485 | 100 | | 28 |
| 1535-1550 | 67 | Ukrainian | 9970 | 100 | | 28/29 |
| 1535-1605 | 12345 | Ukrainian | 9970 | 100 | | 28/29 |
| 1600-1645 | 1234567 | Farsi | 12085 | 100 | | 30/40 |
| 1600-1645 | 1234567 | Farsi | 9665 | 100 | | 30/40 |
| 1700-1715 | 123 | Lithuanian | 9495 | 100 | | 28/29 |
| 1702-1717 | 1 | Russian | 11635 | 100 | | 28/29/30 |
| 1702-1717 | 1 | Russian | 9665 | 100 | | 28/29/30 |
| 1717-1747 | 1 | Belorus | 11635 | 100 | | 28/29/30 |
| 1717-1747 | 1 | Belorus | 9665 | 100 | | 28/29/30 |
| 1702-1747 | 234567 | Russian | 11635 | 100 | | 28/29/30 |
| 1702-1747 | 234567 | Russian | 9665 | 100 | | 28/29/30 |
| 1800-1815 | 6 | Russian | 9475 | 100 | | 39 |
| 1800-1815 | 6 | Russian | 7250 | 100 | | 39 |

SHIJAK

| | | | | | |
|---|---|---|---|---|---|
| 0515-0530 | 123 567 | Polish | 7385 | 100 | 28 |
| 0830-0845 | 23456 | Hungarian | 7385 | 100 | 28 |
| 0845-0900 | 123 5 | Slovak | 7385 | 100 | 28/29 |
| 0845-0900 | 6 | Czech | 7385 | 100 | 28 |
| 1030-1100 | 6 | Slovak | 7385 | 100 | 28/29 |
| 1500-1530 | 1234567 | Polish | 7385 | 100 | 28 |
| 1535-1550 | 67 | Ukrainian | 7385 | 100 | 28/29 |
| 1535-1605 | 12345 | Ukrainian | 7385 | 100 | 28/29 |
| 1700-1715 | 123 | Lithuanian | 7385 | 100 | 28/29 |

MONTE CARLO

| | | | | | |
|---|---|---|---|---|---|
| 0645-0835 | 6 | English | 9755 | 100 | 27 |
| 0645-0850 | 7 | English | 9755 | 100 | 27 |
| 0655-0820 | 12345 | English | 9755 | 100 | 27 |
| 0830-0845 | 123456 | German | 7160 | 500 | 28 |
| 0830-0845 | 123456 | German | 6230 | 100 | 28 |
| 0830-0915 | 7 | German | 7160 | 500 | 28 |
| 0830-0915 | 7 | German | 6230 | 100 | 28 |
| 1005-1020 | 123456 | German | 7160 | 500 | 28 |
| 1005-1020 | 123456 | German | 6230 | 100 | 28 |
| 1100-1145 | 7 | Hungarian | 9490 | 100 | 28 |
| 1230-1315 | 123 5 | Croatian | 7255 | 100 | 28 |
| 1230-1245 | 67 | Croatian | 7255 | 100 | 28 |
| 1230-1245 | 4 | Serbian | 7255 | 100 | 28 |
| 1245-1315 | 7 | Macedonian | 7255 | 100 | 28 |
| 1245-1315 | 4 | Croatian | 7255 | 100 | 28 |
| 1245-1315 | 6 | Slovenian | 7255 | 100 | 28 |
| 1330-1400 | 1234567 | German | 7160 | 500 | 28 |
| 1330-1400 | 1234567 | German | 6230 | 100 | 28 |
| 1515-1600 | 12 45 | Czech | 7355 | 500 | 28 |
| 1530-1600 | 3 | Czech | 7355 | 500 | 28 |
| 1515-1530 | 3 67 | Slovak | 7355 | 500 | 28/29 |
| 1601-1616 | 123456 | Hungarian | 7355 | 500 | 28 |
| 1601-1631 | 123456 | Hungarian | 7355 | 500kW Zone | 28 |
| 1600-1630 | 1 567 | Romanian | 9925 | 100 | 28 |
| 1600-1615 | 234 | Romanian | 9925 | 100 | 28 |

TWR Europe, Freqcy Coordination, P.O.Box 141, A-1235 Vienna, AUSTRIA via WB

ALGERIA Algerian Radio & TV (RTA) Algiers.
RTA Channel 1 (Arabic Network) : 7245 0659-2059
RTA Channel 3 (French Network) : 11750 & 11715 1059-1259
11750 1259-1559
Freqcys 17745 15215 15205 15160 9640 & 9535 were not observed during survey of txmsns. All freqcys subject to var-iation. BBCM-AGDX

ANGUILLA Caribbean Beacon latest sched for test transmissions :
0300-1000 6090 ; 1100-2300 11775 & 2300-1100 6000
RVI 2/2 via Cees van Oudheusden via EDXP
Ed : only one tmtr so far as I'm aware so some discrepancy between 6000 & 6090.

BELGIUM Radio Vlaanderen Intl, Brussels, summer Z97 sched March 30-Oct 25 : to EUR at 2100-2200 third tx in operation due poor MW 1512 reception in summer. At 1700-1730 Juelich 100kW replaced with Wertachtal relay at reduced power 125kW (from 500) in ME direction - 125°.
Mondays-Saturdays
0500-0600 5980 SoEUR 11640 CeAF Dutch dom sce relay P1
0600-0700 5985 No&SoEUR 9940 AUS/NZL/SoAM/SoWeEUR Dutch 0600 ; English 0630
0700-0730 6035 SoEUR 9925 SoWeEUR French
0730-0830 6035 SoEUR 7190 EaEUR 9925 SoWeEUR Dutch
0830-0900 6035 SoEUR 7190 EaEUR 9925 SoWeEUR German
0900-1100 6035 SoEUR 15545 AF 17690 CeAF E, F & Dutch
1100-1130 6035 SoEUR 11640 SoWeEUR 17690 CeAF Dutch
1130-1200 6035 SoEUR 11640 SoWeEUR Spanish
1200-1400 13610 NoAM 15655/15555? (illegible) SoEaAS in Dutch, 1300 E & 1330 F
1600-1700 9925 SoEUR 13795 ME/EaAF 17655 CeAF Dutch/Arab
1700-1730 13795 ME/EaAF (via Wertachtal) Dutch
1700-1800 5910 SoEUR 9925 SoWe&NoEUR(two txs) Dutch & G
1800-1900 5910 SoEUR 13645 CeAF English & French
1800-2010 13685 CeAF Sports coverage in Dutch Wed/Sat
1900-2000 5910 SoEUR 9925 SoEUR 13645 CeAF Dutch
2000-2100 5910 SoEUR 9925 SoEUR Dutch & Spanish
2100-2130 5910 EUR 9925 SoEUR English
2130-2400 9925 NoAM 11690 SoAM in French, 2200 Dutch, 2300 Spanish & 2330 English
Sundays
0600-0700 and 0700-0730 as above
0730-0800 6035 SoEUR 7190 EaEUR 9925 SoWeEUR Dutch
0800-1000 6035 SoEUR 9925 SoWeEUR 17690 CeAF Dutch
1000-1100 15545 AF 17690 CeAF Dutch
1100-1130 & 1130-1200 as above
1200-1300 13610 NoAM 15555/655? SoEaAS Dutch, 1230 E
1300-1600 9925 SoEUR 11995 SoWeEUR 17655 CeAF Dutch sport
1600-2400 all as above on Mon-Sat RVI Golfgids via WB

CHILE Christian Vision : This week I visited the former tx site of R.Nacional, now owned by Christian Vision. They are now adjusting and testing the stn. The 8 X 100kW Harris txers will be repaired. The three log periodic antennas will be used and are already OK, but two of the four curtains will not be used any more due to their catastrophic state (those beamed to Americas). They are not permitted to use the freqcys of R.Nacional and are currently trying news ones. If this is a problem the txers may be moved to another country, but if everything works out OK, they will start test txsmsns at the end of April and official bcasts in October.
Felipe Asenjo-Chile in Cumbre-DX 7 March

CHINA China Radio Intl is now running 7160 continuously from 1300-1800 in English and additional 7150 is noted at 1700 when Radio Canada Intl via CHN signs of at 1657.
Alok Das Gupta-IND 22/2
China National Radio, programme 1, is being heard via strong new freqcy 15190 on air 0730 past 1000 in // 17605 15550 11800. NG

ERITREA Voice of the Broad Masses of Eritrea first observed as a clandestine stn on 11 Aug 1980, it supported the Eritrean People's Liberation Front, hostile to the then govt of Ethiopia, and claimed to bc from liberated territory. Eritrea became fully independant in May '93 and VOBME is now the official govt-run radio of Eritrea.
1st Pgm on 5000 & 7085 : 0300-0500(M-F), 0400-0600(Sa/Su) 0930-1030, 1200-1300(Su) & 1500-1800. All Tigrigna lang exc.Kunama 1500, Tigre 0400 & 1600
2nd Pgm on 4000 & 7390v: Arabic 0300-0400, 0930-1030 & 1700-1800. Afar 1700-1800
Add : P.O.Box 872 (Pgming) or 243 (Technical), Asmara, Eritrea BCM-AGDX

ECUADOR HCJB World Radio Z97A broadcast schedule for period March 30-Sept.26th reads :

| | | | | | |
|---|---|---|---|---|---|
| Arabic | : 2000-2130 | 12025 | North Africa | 250kW | 058° |
| | | 15520 | North Africa | 100 | 041 |
| Czech * | : 0530-0600 | 9420 | Europe | 100 | 040 |
| | 1800-1830 | 12025 | Europe | 250 | 040 |
| | | 15550 | Europe | 100 | 041 |
| English | : 0000-0400 | 9745 | E.No Am | 100 | 360 |
| | 0400-0700 | 9745 | W.No Am | 100 | 324 |
| | 0730-0930 | 5865 | Europe | 250 | 038 |
| | 0700-1058 | 9645 | So PAC | 100 | 228 |
| | 1100-1600 | 12005 | Caribbean | 50 | 043 |
| | | 15115 | No/So AM | 50/50 | 353/160 |
| Ann. 11990 ES | 1900-2158 | 11960 | Europe | 100 | 042 |
| French | : 0030-0100 | 9410 | Canada E. | 100 | 351 |
| | 0630-0700 | 9765 | Europe | 100 | 040 |
| | 1930-2000 | 12025 | Europe | 250 | 040 |
| | | 15550 | Europe | 100 | 041 |
| German | : 0430-0500 | 5860 | Europe | 250 | 038 |
| | | 9415 | Europe | 100 | 040 |
| | 0600-0630 | 9765 | Europe | 100 | 040 |
| | 0930-1000 | 6125 | So AM | 100 | 155 |
| | 1900-1930 | 12025 | Europe | 250 | 040 |
| | | 15550 | Europe | 100 | 041 |
| | 2300-0000 | 12005 | No/So AM | 250 | 330/124 |
| Japanese | : 0430-0500 | 9765 | No AM | 100 | 329 |
| | 1130-1200 | 9415 | Japan | 250 | 320 |
| | 2200-2300 | 11615 | So AM | 100 | 126 |
| Kikongo# | : 0500-0515 | 9765 | SoWe AF | 100 | 100 |
| Portuguese | : 0800-0930 | 6125 | Brazil So | 100 | 155 |
| | 1500-1800 | 15295 | Amazonia | 100 | 100 |
| | 2300-0230 | 11615 | Brazil So | 100 | 124 |
| Quichua | : 0830-1000 | 6110 | So AM | 100 | 155 |
| | 0830-1400 | 3220 | Ecuador | 8 | V 090 |
| | | 6080 | Ecuador | 8 | V 090 |
| | 2100-0300 | 3220 | Ecuador | 8 | V 090 |
| | | 6080 | Ecuador | 8 | V 090 |
| | 2130-2358 | 9745 | So AM | 100 | 155 |
| Russian | : 0200-0430 | 5860 | We Russia | 250 | 038 |
| | 0515-0700 | 5865 | We Russia | 250 | 038 |
| | | 9380 | We Russia | 100 | 035 |
| | 2230-2300 | 12005 | No/So AM | 250 | 330/124 |
| Slovak ** | : 0530-0600 | 9420 | Europe | 100 | 040 |
| | 1830-1900 | 12025 | Europe | 250 | 040 |
| | | 15550 | Europe | 100 | 041 |
| Spanish | : 0700-0730 | 9765 | Europe | 100 | 050 |
| | 1030-1358 | 9765 | No AM | 100 | 351 |
| | 1030-1400 | 11960 | So AM | 100 | 131 |
| | 1030-0504 | 6050 | Andes | 50 | 018/172 |
| | 1400-0458 | 15140 | No/So AM | 50/50 | 330/150 |
| | 2130-2228 | 12025 | Europe | 250 | 050 |
| | | 9380 | Europe | 100 | 035 |
| Tajik ¢ | : 0115-0130 | 5860 | Ce Asia | 250 | 038 |
| Ukrainian | : 0500-0515 | 5865 | Ukraine | 250 | 038 |
| | | 9380 | Ukraine | 100 | 035 |
| Uzbek ¢ | : 0130-0200 | 5860 | Ce Asia | 250 | 038 |

Indicates : * = TuWeThSaSu : ** Mon/Fri
# = Mon-Fri : ¢ = Sun-Thurs

HCJB also bcasts 24hrs a day in USB on 21455 with 500 watts at 35/225° : English 0000-1600 & 1900-2200 ; Japanese 2200-2300 ; Spanish 1600-1900 & 2300-2400. HCJB Freqcy Management

ESTONIA Estonian Radio ceased bcasts in German at end of Feb due budgets cuts by Govt. Pgms in English will remain on 5925 as before. A.Volk, ADDX Kurier via EDXP 16/2

GEORGIA High Adventure Ministry, Voice of Hope for all Europe, P.O.Box 109, HR4 9XR, England observed on 7520 from unid.site since end of February at 1900-2100 s-off. Ann. as tx coming via txers located in Georgia. Pgms in English. 6280 carries another pgm at this time. ES N.Pashkevich-EDXP

IRELAND/GERMANY West Coast Radio, Ireland, heard at 1510 on 5970 via Juelich tx. Kammler via Cumbre DX 15/2

INDIA AIR noted with two additional channels : 1330-1500 in English(GOS) to SoAS on 9545 // 11620 13710. Also 11715 added at 0130-0229 in Nepali // 3945 6045 7250 9550. Alok Das Gupta via EDXP 8/3

IRAN VOIRI Teheran has been observed :

| | |
|---|---|
| 6005 | 0130-0230 Urdu, 0230-0330 Pushtu |
| 6015 | 0130-0330 Spanish |
| 6050 | 0030-0130 English, 0130-0330 Spanish, 1630-1700 Kazakh |
| 6210 | 0200-0230 Armenian, 0230-0330 unid.language |
| 7115 | 1130-1230 English, 1230-1330 Pushtu, 1330-1430 Urdu, 1430-1530 Pushtu, 1530-1630 Urdu |
| 7160 | 1500-1530 Kazakh, 1530-1630 Russian, 1630-1700 Kazakh |
| 7180 | 0130-0230* Farsi, 1230-1330 Pushtu, 1330-1430 Dari |
| 7190 | 0130-0230* Arabic |
| 7215 | 0330-0730* Arabic, 1300-1330 Malay, 1330-1430 Chinese 1430-1530 Bengali, 1530-1630 English |
| 7260 | 1500-1530 Kazakh |
| 9575 | 0030-0130 Bengali, 0130-0230 Urdu, 0230-0330 Pushtu |

Valery Ostroverkh-Kazakhstan

7100 VOIRI in French at 2234 giving txmsn scheds // 6030 & 9022. Suddenly cut off at 2240. Hill-DXW but heard same day (8/3) with Bosnian svce in progress at 2200-2240 close down on new 7100 // 9022. WB

IRIB in English 1100-1225 on 11875 11930 15084new v15260.4
1530-1625 on new 7215
Arabic 0500-1100 on 5995new
Urdu 1330-1425 on 6175 & 7115 both new
Bengali 1430-1525 on 7115 & 7215 both new
Chinese 1330-1425 on 6050 & 7215 both new
Swahili 1700-1725 on v9685.6new Paniview-BUL 1/3

PORTUGAL RDP Africa with pgms in Portuguese was inaugurated last 23/1. Current sched reads :
Mon-Fri : 1000-1200 15515 17680 21665 ; 1700-2200 15515 21655
Sat/Sun : 0800-2100 15515 21655
Relayed on FM in Cabo Verde, São Tomé e Príncipe, Guiné-Biss au, Moçambique & Portugal (Lisbon) FCF

MALTA / RUSSIA VOT Mediterranean, Malta, English 2000 on new 12060 // 7440. May move time to 1900 from 30/3. ES

KOREA S Announced sched for Radio Korea Intl English one hour programmes : Valery Ostroverkh-Kazakhstan
EUR : 0800 13670 (Ed : clear now TUR off) ; 2100 6480 15575
AM : 0200 11725 11810 15575
ME / AF : 1200 7285 ; 1600 9515 9870
Pacific : 0800 9570
General Svce : 0200 7275 ; 1600 5975 ; 1900 5975 7275

TAJIKISTAN Tajik Radio heard on new freqcys 5750 & 5800 both 1730-1900. ARM via World DX Bulletin ES
Tajik Radio in Arabic on 9905 & 9610 at 0400- EDXP

NORWAY/DENMARK Frequency schedule March 30-Oct.26 reads

| | | | |
|---|---|---|---|
| 0000-0055 | 7465 | 300° | E&C.NoAM & Greenland |
| | 9560 | 280 | ENoAM & CeAM : 9985 80° SoEaAs/WeAUS |
| 0100-0155 | 7465 & 9560 as above : 9985 95° SoAsia (India) | | |
| 0200-0255 | 7465 & 9560 as above | | |
| 0300-0355 | 7485 | 315° | WeNoAM/GRL : 9565 110° EaM.E. |
| 0400-0455 | 7485 | 315° | WeNoAM : 7570 95° Russia/EaM.E. |
| | 9980 | 120° | WeM.E. |
| 0500-0555 | 7485 | 180° | EUR : 13805 145° EaAF |
| 0600-0655 | 7180 | 165° | EUR : 7295 220° NZL |
| | 9590 | 195° | SoWeEUR/WeAF : 13805 145° Ce&EaAF |
| 0700-0755 | 7180 | 165° | EUR : 9590 180° EUR |
| | 13805 | 220° | SoWeEUR/WeAF/CNR : 15245 110° EaM.E. |
| 0800-0855 | 13800 | 120° | WeM.E. : 15170 65° SoEaAs/AUS |
| 0900-0955 | 13900 | 35° | F.E. : 15170 65° SoEaAS/AUS |
| 1000-1055 | 9480 | 195° | EUR : 15625 235° SoAM/CNR |
| 1100-1155 | 7295 | 180° | EUR : 15625 235° SoAM/CNR |
| 1200-1255 | 9590 | 180° | EUR : 13800 35° F.E. |
| | 13805 | 280° | EaNA/CeAM : 15605 80° Russia/SoEaAs/AUS |
| 1300-1355 | 9590 | 180° | EUR : 13800 35° F.E. |
| | 13805 | 300° | Ea&CeNoAM/GRL |
| | 15650 | 80° | Russia/SoEaAS/WeAUS |
| 1400-1455 | 13800 | 95° | SoAS(India)/WeM.E. |
| | 13805 | 300° | Ea&CeNoAM/GRL |
| 1500-1555 | 9980 | 95° | Russia/SoAS(India) : 11840 315° WeNoAM/ |
| | 15230 | 110° | WeM.E. GRL |
| 1600-1655 | 9980 | 180° | EUR : 9985 95° Russia/SoAS(India) |
| | 13805 | 315° | WeNoAM/GRL : 15600 145° Ce&EaAF |
| 1700-1755 | 7485 | 180° | EUR : 9985 110° EaM.E. |
| | 15220 | 145° | Ce&EaAF: 15340 280° EaNoAM/CeAM |
| 1800-1855 | 7485 | 180° | EUR : 9590 120° WeM.E. |
| | 15220 | 165° | SoEUR/Ce&Southern AF |
| 1800-1900 | 1314 | nd | EUR via Kvitsoy (R.Norway Intl) |
| 1830-1855 | 1062 & 243 | nd | NoEUR/SoScanginavia (R.Denmark) |
| 1900-1955 | 7485 | 180° | EUR : 13805 180° Ce&SouthernAF |
| | 15340 | 315° | 315° We&CeNoAM/GRL |
| 2000-2055 | 7485 | 180° | EUR : 7540 65° AUS |
| | 9590 | 220° | NZL : 15340 315° We&CeNoAM/GRL |
| 2100-2155 | 7205 | 65° | AUS : 11675 220° NZL |
| 2200-2255 | 9405 | 250° | SoAM |
| 2300-2355 | 7275 | 80° | SoEaAS/WeAUS : 9405 250° SoAM |
| | 9480 | 280° | EaNoAM/CeAM |

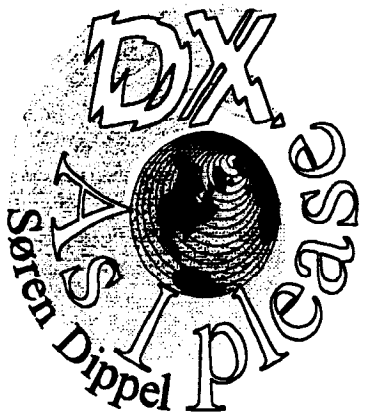
Norway Now - every Sunday 30mins in English
0600 on all listed freqs above : 0700 on 15245
0800 on 15170 : 0900 on 13800 15170
1200 on all listed freqs above : 1500 on 9980 & 11840
1800 on all listed freqs incl 1314MW : 2200 on 9405
0200 on 7465 & 9560 : 0400 on 7485 RNI sched via ES

Fredrikstad now off air, replaced with new 500kW at Sveio. This location now with 2X500kW covers western Globe while Kvitsoy with 2X500kW covers eastern Globe.

Radio Denmark "live" at 0830 & 1630 - others repeats and all txmsns start on the ½ hr. Letterbox (in Danish) "Tune In" is on last Sat.of the month from 0838. Erik Køie

RADIO DANMARK
Danmarks Radio · DK-1999 Frederiksberg C

There I have to stop for this month. More, I hope, next time. Thanks to the following **CONTRIBUTORS** :
ES = Edwin Southwell - UK : FCF = Fernando Caseiro Ferreira POR and to WB = Wolfgang Büschel - D for his excellent BC-DX news. Thanks also to Bob Padula and the EDXP = Electronic DX Press - AUS and to other participants. 73's Noel.




## What's up Doc?!

Just like a famous cartoon star with long ears I am temted to ask: What's up Doc?! What is going on on the DX scene above 5800 kHz - or to be more precise: What has happend outside the tropical bands in 1996? To find out you do not need long ears but longwires and a long list of interesting radio stations to log.

You can tune in to 6155 kHz "Radio One" - a station i Singapore with local news and advertisements i english 24 hours round the clock. Interesting? Yes of course! But with the power of 250 kW this station is noth worth logging as a DX catch - but rather as an interesting shortwave tip for the progamme listner.

What the DXer needs is a list of local or regional radio stations with low power. After all you have not bought your DX-reciever just to tune in to 6180 kHz - Radio Nacional da Amazonia, Brasilia, or 9737 R Nacional del Paraguay, Asuncion, both regional stations with kW enough to be caught on a telescopic antenna. Today DXing is not only a question of long distance - low power is also important.

Real DXing is to avoid all the international broadcasters and regional powerhouses as e.g. "Radio One" - Singapore and go for the domestic stations with low power.

## Less than 50 kW

I have checked the WRTH 96 and found around 400 stations with less than 50 kW. Each month during 1996 I have scrutinized Ankers Shortwave Tips and found a few more stations not listed in WRTH 96 but wich I believe are domestic stations with less than 50 kW.

At the same time I have checked how many of the 472 stations on my list have been logged in 1996.

Surprisingly only 236 or 50 pct. of these often hard-to-catch stations have been logged in 1996. Most logged are the Brazilian and Peruvian stations. On the other hand only one out of 8 Chinese, two out of 17 Russian, four out of 14 Sri Lankan and four out of 20 Kazakhstan stations have been logged.

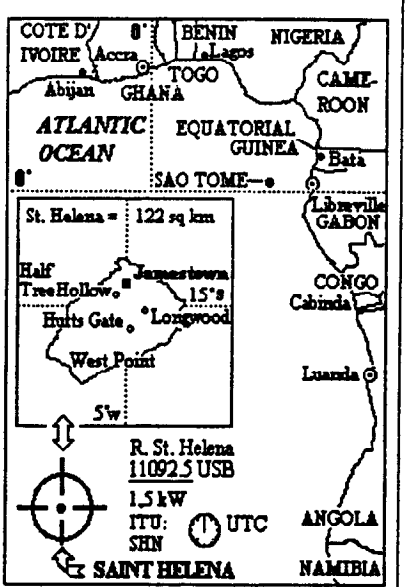
If you study my list you will notice that most Indonesian, Argentinian and all of the Equadorian stations are logged by non-European DXers.

The challenge is to catch all thoes stations never logged and listed i DSWCI's Shortwave Tips in 1996. Another challenge is - that is for DSWCI members living in Europe - to catch stations logged only by non-European DXers.

If the ionosphere is fit for DXing everyone can go for the hard-to-catch stations. And you do not necessarily need a sensitive receiver. Here in Denmark I have logged e.g. 6727 PRU R Satelite, Santa Cruz 0,3 kW and 6235 DOM Quisqueya, Santo Domingo 0,7 kW with only five meters of longwire on my Sony ICF-SW 7600 G!

## St. Helena

One of the rare stations heard in 1996 was 11092,5 kHz Radio Saint Helena, Jamestown logged by several of our active members in october. Of course this was a major event on the DX scene outside the tropical bands in 1996. Not only is Radio St. Helena situated on a small remote island in the South Atlantic Ocean - also the power was low - only 1,5 kW. No doubt R. St. Helena was an exciting catch in 1996.




## 51 ITUs in 1996

The number mentioned in front of each country is the total number of different stations. The first number after the ITU code is the total number of loggings. The second number - **in bold** - is the number of mainly European loggings. The third and last number is the number of loggings from non-European DXers:

| | | | |
|---|---|---|---|
| 70 Brazil B | 44 | **38** | 6 |
| 59 Peru PRU | 37 | **20** | 17 |
| 23 Indonesia INS | 16 | **3** | 13 |
| 28 Bolivia BOL | 14 | **9** | 5 |
| 24 Vietnam VTN | 14 | **6** | 8 |
| 10 Argentina ARG | 9 | **3** | 6 |
| 15 Costa Rica CTR | 8 | **5** | 3 |
| 14 Italy I | 5 | **5** | |
| 7 Chile CHL | 5 | **2** | 3 |
| 7 Malaysia MLA | 5 | **3** | 2 |
| 20 Kazakhstan KAZ | 4 | **3** | 1 |
| 14 Mexico MEX | 4 | **3** | 1 |
| 14 Sri Lanka CLN | 4 | **2** | 2 |
| 13 Uruguay URG | 4 | **2** | 2 |
| 12 Colombia CLM | 4 | **2** | 2 |
| 10 Somalia SOM | 4 | **3** | 1 |
| 5 Equador EQA | 3 | **-** | 3 |
| 5 Mozambique MOZ | 3 | **1** | 2 |
| 17 Russia RUS | 2 | **1** | 1 |
| 7 Canada CAN | 2 | **2** | |
| 6 Angola AGL | 2 | **1** | 1 |
| 6 Venezuela VEN | 2 | **1** | 1 |
| 5 Laos LAO | 2 | **2** | |
| 4 Belarus BLR | 2 | **2** | |
| 4 Honduras HND | 2 | **1** | 1 |
| 4 Turkey TUR | 2 | **2** | |
| 3 Australia AUS | 2 | **2** | |
| 3 Lebanon LBN | 2 | **1** | 1 |
| 3 Thailand THA | 2 | **-** | 2 |
| 3 Tanzania TZA | 2 | **1** | 1 |
| 2 Mayanmar BRM | 2 | **1** | 1 |
| 2 Eritrea ERI | 2 | **2** | |
| 2 Ethiopia ETH | 2 | **2** | |
| 2 Sudan SDN | 2 | **2** | |
| 8 China CHN | 1 | **1** | |
| 7 Pakistan PAK | 1 | **1** | |
| 6 Zaire ZAI | 1 | **1** | |
| 5 Iceland ISL | 1 | **1** | |
| 5 Parugay PRG | 1 | **1** | |
| 3 Dominican Rp DOM | 1 | **1** | |
| 3 Nigeria NIG | 1 | **-** | 1 |
| 2 Greece GRC | 1 | **1** | |
| 2 Guatemala GTM | 1 | **1** | |
| 1Antarctica ATA | 1 | **1** | |
| 1 Cambodia CBG | 1 | **-** | 1 |
| 1 Equatr. Guinea GNE | 1 | **1** | |
| 1 Kiribati KIR | 1 | **1** | |
| 1 Niger NGR | 1 | **-** | 1 |
| 1 St. Helena SHN | 1 | **1** | |
| 1 Togo TGO | 1 | **-** | 1 |
| 1 Vanuatu VUT | 1 | **1** | |

**Loggings from non-European Dx'ers are marked wit a "x" in front of the frq.**

**17242 ARG R Nacional, Buenos Aires**
**15675 HND Copan Int. Tegucigalpa 1kW**
**15476 ATA LRA-36R. Nac. ArchangelSanGabriel**
x 15325 B R Gazta, Sao Paulo 10 kW
**15292 MOZ R Mocambique, Maputo10 kW**
**15135 B R Record, Sao Paulo 7,5 kW**
**13860 ISL Rikisutvarpid, Reykjavik 10 kW**
**13750 CTR AWR, Cahuita 20 kW**
x 13361 ARG R Continental, Buenos Aires
x 12210 B R Cultura, Foz de Iguacu
**11940 PRG R Encarnacion 0,5 kW**
**11925 B R Bandeirantes, Sao Paulo 10 kW**
**11915 B Gaucha, Porto Alegre 7,5 kW**
**11855 B R Aparecida, Aparecida 1kW**
**11835 CLN SLBC Ext, Sce, Colombo 35 kW**
**11830 B R Anhanguera, Goiania 1 kW**
**11815 B R Brasil Central, Goiania 7,5 kW**
**11805 B R Globo, Rio de Janiero 10 kW**
**11785 B R Guiaba, Porto Alegre 7,5 kW**
**11765 B R Universo, Curitiba 10kW**
**11735 URG R Oriental, Montevideo 1,5kW**
**11734 TZA R Tanzania, Dole Zanzibar**
x 11725 B R Novas de Paz, Curitiba
**11705 B R Nova Visao, Santa Maria 10 kW**
**11570 PAK R Pakistan, Islamabad 10 kW**
**11093 SHN R St. Helena 1 kW**
x 11055 ARG R Rivadavia, Buenos Aires
**10059 VTN Hanoi 1**
x 9962 LBN Voice of Hope, Marjayoun
**9935 GRC ERT, Thessaloniki 35 kW**
**9825 KIR R Kiribati, Tarawa 0,5kW**
x 9745 INS RRI, Medan
**9743 INS RRI, Sorong 10kW**
**9725 B R Clube Paranese, Curitiba 7,5 kW**
**9720 PRU R Victoria, Lima**
x 9718 BOL R LaPlata LV de laCapital 1 kW
**9705 B R Nacional, Rio de Janeiro 7,5 kW**
x 9705 INS RRI Pontianak
**9705 KAZ Almaty 20 kW**
**9705 MEX R Mexico Internacional 10 kW**
**9695 B R Rio Mar, Manaus 7,5 kW**
**9690 ARG Argentina al Exterior 25 kW**
**9685 B R Gazeta, Sao Paulo 10 kW**
**9675 B R Cancao Nova, Cachoeira P 10 kW**
x 9675 PRU R del Pacifico, Lima 5 kW
**9665 B R Marumby, Florianopolis 10 kW**
**9660 AUS R Australia, Brandon 10 kW**
**9650 URG EmCuidad de Montevideo10 kW**
**9645 B R Bandeirantes, Sao Paulo 7,5 kW**
**9645 CLN VOA 35 kW**
**9640 VEN Ecos delTorbes,S.Cristobal 10 kW**
**9630 B R Aparecida, Aparecida 10kW**
**9625 BOL R Fides, La Paz 15 kW**
**9615 B R Cultura, Sao Paulo 7,5 kW**
**9615 B R Novaz de Paz, Curitiba**
**9585 B R CBN (Globo), Sao Paulo 10 kW**
**9580 AUS R Australia, Brandon 10 kW**
**9565 B R Universo, Curitiba 15 kW**
x 9552 INS RRI, Ujung Padang 7,5 kW
**9550 KAZ Almaty 20 kW**
**9550 RUS Sem is Samary, Samara 10 kW**
x 9540 B Educadora daBahia,Salvador10 kW
**9515 I RAI Radio 1, Caltanissetta 5 kW**
**9515 B R Novas de Paz, Curitiba 10 kW**
**9505 B R Record, Sao Paulo 7,5 kW**
**9505 PRU Tacna 0,2 kW**
**9400 CTR R for Peace Int. USB 5 kW**
**9024 SDN Voice of Sudan**
**8800 B R Gauiba, Porto Alegre**
**8000 SDN Voice of Sudan**
**7515 ETH V.O. TheTigreRevolution. Mekele**
**7390 ERI Voice of Broad Masses, Asmara**
**7385 CTR RFPI 30 kW**
x 7375 CTR AWR LatinAm,Alajuela 40 kW
**7370 TUR Turkish Police R, Ankara 1kW**
**7306 I Radio Europe 0,5 kW**
**7280 KAZ Karaganda 20 kW**
x 7280 TZA R Tanzania National Sce. 30 kW
**7260 VUT R Vanuatu, Malapoa 10 kW**
x 7242 ARG R NAcional, Buenos Aires
**7235 INS RRI, Palu**
x 7235 KAZ Almaty 20 kW
x 7234 INS RRI Palu
x 7231 INS RRI Fak-Fak 0,5 kW
x 7215 AGL R Nacional, Cazenga 10 kW
**7215 CTI R Cote d'Ivoire, Abijan 20 kW**
x 7173 INS RRI Serui 0,5 kW
**7160 MLA RTM Kuching, Sarawak 10 kW**
x 7155 NGR La Voix du Sahel 20 kW
x 7145 MLA RTM Kuching, Sarawak 10 kW
x 7144 PRU R Altura, Huarmarca
**7140 BLR Hrodna 9 kW**
**7140 I R Italia International, Spoleto 1kW**
x 7130 MLA RTM, Kuching,Sarawak 10 kW
**7125 I IRRS, Milano 10 kW**
**7090 AGL R Galo Negro**
x 7050 PRU La Voz de Santa Cruz
**7020 ERI Voice of Broad Masses, Asmara**
**6975 LAO, Luang Prabang**
x 6975 VTN Ha Giang
x 6975 VTN R Lao Cai I
**6900 TUR Turkish State Met. Sce. 5 kW**
x 6895 PRU Sensacion, Huancabamba 0,5 kW
x 6895 PRU R San Miguel Arcangel, Cajamarca
x 6873 SOM R Mogadishu
**6870 SOM R Mogadishu**
**6822 SOM R Mogadishu**
**6818 PRU R Universo, Saposoa**
**6803 PRU R Oudas del Rio Mayo, Nueva**
x 6753 PRU R San Ignacio, Cajamarca
**6747 PRU R San Ignacio, San Ignacio**
**6741 PRU R Luz y Sonido, Huanuco**
**6727 PRU R Satelite, Santa Cruz 0,3 kW**
**6711 SOM R Mogadishu**
**6699 VTN R Lao Cai**
**6570 BRM Defence Forces, Myanmar 1 kW**
x 6557 BOL R Colonia, Yapacani
**6556 VTN R Cao Bang**
x 6550 VTN Cao Bang
x 6545 VTN Cao Bang BC
x 6536 PRU Radiodifusora, Huancabamba
x 6499 PRU Estacion C, Moyobamba 0,8 kW
**6480 PRU R Los Andes Huarmaca**
**6480 PRU R Altura, Huarmaca**
x 6477 ARG R Noticias del Plata
**6476 PRU R San. Ignacio**
**6472 PRU R Luz y Sonido, Huanucu**
x 6452 VTN Lai Cau
x 6437 ARG R El Mundo
**6428 VTN R Bac Thai**
x 6426 VTN Bac Thai
**6395 VTN R Yen Bai**
x 6380 PRU R Altura, Huarmaca
x 6329 PRU R Estacion "C", Moyobama
x 6282 PRU R Huancabamba 1,5 kW
**6280 LBN King og Hope 10 kW**
**6250 GNE Malabo 10 kW**
x 6241 PRU Estacion 49
**6235 DOM Quisqueya,SantoDomingo 0,7 kW**
**6210 ETH R Fana, Addis Ababa**
**6205 CTR RFPI, Alajuela**
**6204 PRU R Cusco, Cusco 1 kW**
**6203 PRU R Oriente, Yurimaguas**
x 6196 BOL R Metropolitana, La Paz 5 kW
**6188 PRU R Oriente, Yuriaguas 5 kW**
**6185 MEX R Educacion 5 kW**
**6180 BOL R Metropolitana, La Paz**
x 6175 CTR Faro d Caribe, San Jose 2,5 kw
**6174 PRU R Tawantinsuyo, Cusco 5 kW**
x 6171 CLM LV d laSelva, Florencia 2,5 kW
x 6170 B R Cultura, Sao Paulo 7,5 kW
x 6165 VTN Hanoi Hmong Sce.
x 6161 ARG R Malargue 1kW
x 6155 BOL R Fides, La Paz 10 kW
x 6155 TGO R Kara 10 kW
x 6153 INS RRI Biak
**6150 B R Record, Sao Paulo 10 kW**
x 6150 CLN SLBC Sinhala Com.Sce. 10 kW
x 6150 THA Or. Sor.
**6142 BOL R Mauro Nuhez, Villa Serano**
**6141 PRU R Concordia, Arequipa 1 kW**
**6138 INS RRI, Samarinda**
**6135 B R Aparecida, Aparecida**
**6135 BOL R Sta. Cruz, Sta. Cruz 10 kW**
x 6134 INS RRI Samarinda
**6130 CAN CHNX, Halifax (rel.CHNS) 0,5 kW**
x 6130 CLN SLBC English Com Sce. 10 kW
**6130 LAO Lao National, Vientiane 25 kW**
x 6125 URG SODRE, Montevideo 0,25 kW
**6120 B R Globo, Sao Paulo 7,5 kW**
**6117 CLM LV d Llano, Villavicencio 10 kW**
**6115 PRU R Union, Lima 10 kW**
x 6112 MOZ Em. Nacional, Maputu 10 kW
**6105 B R Cultura, Foz do Iguacu 5 kW**
x 6096 PRU R Interoceania, dept. Puno
x 6095 PRU R Nal. del Peru, Lima 10 kW
**6091 PRU R Universal, Cusco 2 kW**
**6090 B R Bandeirantes, Sao Paulo 10 kW**
x 6090 CGB Nat. Radio of Cambodia 15 kW
**6090 CHL R Esperanza, Temuco 1 kW**
**6086 BOL R San Gabriel, La Paz**
**6080 B R Novas e Paz, Curutiba 10 kW**
**6080 BLR Brest, Belarus 10 kW**
x 6080 CHL PatagoniaChilena,Coyhaique 1 kW
x 6077 PRU R Peru San Ignacio
**6070 CAN CFRX Toronto (rel. CFRB)**
x 6070 INS RRI Jayapura 20 kW
x 6070 THA R Thailand Prgr. 1 10 kW
**6060 ARG R Nal., Buenos Aires 30 kW**
**6060 B R Universo, Curitiba 10 kW**
**6055 PRU R Continental, Arequipa 2 kW**
**6050 B R Guarani, Blo Horizonte 10 kW**
**6050 MLA RTM Sibu, Sarawak 10 kW**
x 6045 URG R. Libertad "Sport", Montevideo
**6041 B R Clube Paranese, Curitiba 7,5 kW**
**6035 CLM Guaviare,SanJose dGuaviare 5 kW**
x 6030 B R Globo, Rio de Janeiro 10 kW
**6030 CHL Santa Maria, Coyhaique 1 kW**
x 6030 INS RRI Banjarmasin
**6025 BOL R Illimani, La Paz 10 kW**
**6025 CHN Aixa-Ch. Bayanhot 15 kW**
x 6025 INS RRI Banjamasin 10 kW
x 6025 MOZ Beira 10 kW
x 6025 NIG Enugu National St. 10 kW
**6020 B R Gaucha, Porto Alegre 10 kW**
x 6018 PRU R Victoria, Lima 5 kW
**6015 BOL R El Mundo, Sta. Cruz**
**6012 I Tele Radio Stereo, Roma 5 kW**
x 6011 PRU R America, Lima 1 kW
x 6011 VEN Mundal los Andes, Merida 1 kW
x 6010 MEX R Mil. 5 kW
x 6000 B R Boas Nova, Sao Luis (CP) 5 kW
**6000 B R Guaiba, Porto Alegre 10 kW**
x 5999 EQA CatolicaCulturel, Macas 10 kW
**5995 PRU R Melodia, Araquipa 1 kW**
**5995 ZAI LVoix dZaire. Mbandaka 10 kW**
x 5988 INS RRI Manado 10 kW
**5985 MEX R Mexico Internacional 10 kW**
**5981 GTM R Mundal Adventista 10/5 kW**
**5980 B R Guaruja, Florianopolis 10 kW**
x 5980 EQA R Federacion, Sucua 5 kW
x 5980 HND La Voz de Misiones, Comayaquela
**5980 MLA rtm KotaKinabalu,Sabah 10 kW**
x 5973 BRM Mayawadi R St., Myanmar
x 5965 EQA La Voz del Ubano, Macas
x 5955 CLM Caracol, Villavicencio 5 kW
**5954 BOL R Pio XII, Siglo Veinte5 kW**
x 5954 CTR R Casino, Limon 1 kW
x 5928 INS RRI Manado
x 5927 BOL R. dif. Mineria, Ouro
**5925 VTN R Hanoi, Hanoi**
x 5920 RUS R StantsiyaLena, Yakutsk 2 kW
x 5825 CHL TriunifalEvagelica,Talaga 0,1 kW
x 5825 CHL RTE Talagante

# As I Please

## Don Phillips

Firstly here is a little bit of feedback on last month's discussion on QSL's. Harald Kuhl said:

*For me, a QSL adds to the knowledge about a radio station and its operation rather than proving anything. A QSL sometimes can tell you a lot about a station and the situation of the people working there. For me that makes QSLing a very enjoyable part of the hobby I for sure would not like to miss.*

I remember Finn Krone once saying to me:

*A QSL is simply a memento of a nice event - listening to an interesting station.*

* * * * * *

I have had another letter from Jean-Pierre Penaud the ace French DXer, who also enjoys obtaining and comparing many of the world's best receivers. He says that he has now sold his Drake R8A because of intermodulation on tropical bands (with the pre-amplifier on), the synchrophase does not work very well, and the USB and LSB has some distortion with it.

Jean-Pierre has also sold his Icom R9000 because it runs very hot, it intermodulates on 49 m.b., it has only 2.5 kHz IF filter for serious DXing, it has distorted a.m. audio, and a bad AGC. on a.m..

So now there is more room in the Penaud household, and it is cooler on summer nights. Jean-Pierre still gets by as a DXer with a Lowe HF150, a Sony 2000D, Watkins-Johnson HF1000A, an NRD 535D and an AOR AR7030.

Jean-Pierre likes the HF1000A from the point of intelligibility and likes the RF section. He is not aware of noise or spurious radiation problems. The AR7030, he says, is better than the Drake R8A as far as the superb audio, pass band tuning and synchrophase. But it is not as good as the NRD535D as modified by Lowe, which excels on ergonomics and sensitivity.

Martin Elbe reported that in very quiet RF conditions Finn's NRD535 showed itself to be more sensitive than Martin's AR7030. He didn't feel that the extra sensitivity made a significant difference to stations that were at all readable. In other words, if you had a 535 you would be able to hear there were stations there, which if you could receive them better you might be able to identify!

As you know I own a 7030 and find it an exciting receiver to use. You may also recall that a few months ago I decided to try to sell my Drake R8E. I felt I could not justify keeping both receivers. I told you how I placed an advertisement and received only one reply and the guy never came for the receiver. Well I decided to reprieve the Drake. It sits on the shelf with its sister the younger, sexier 7030. They both seem to get on OK. I have a system where I can switch antennas and audio output from both receivers. They are both used: the 7030 has the edge on clarity, but the Drake still has her charms. I still have a soft spot for the old fashioned "tube-sound" of the audio.

* * * * * *

I have just received some advanced information about further developments to the AOR AR7030 from Richard Hillier of AOR (UK). I quote it at some length, not because I have shares in AOR but because I was right when in January 1996 I said that the 7030 would be the most talked about receiver of the year.

*NB7030 Notch filter / noise blanker / replacement CPU*

*The NB7030 will be an all-in-one option comprising three facilities in one:*
*NOISE BLANKER, NOTCH FILTER and FEATURES CPU with added facilities. This option will fit internally with excellent integration for the operator.*

*First part: Audio notch filter - Used to remove annoying whistles when listening in AM, SSB, Data and CW modes. A specially designed 4th order notch shape makes the notch "easy to tune" (unlike some other notch filters on the market) while retaining great depth.*

*Excellent integration provides enhanced features such as notch follow and auto search for tone.*

*Audio notch filter*
*Tunable 200 Hz to 6 kHz*
*Auto search for tone*
*Auto fine tune / signal tracking*
*Notch follow when tuning (SSB modes)*
*Depth > 40dB 4th order notch (typ 50dB)*
*Width > 10 Hz at -40dB (@ 1 kHz)*
*< 100 Hz at -6dB (@ 1 kHz)*

*Second part: Impulse noise blanker*
*Useful for reducing ignition noise from passing motor vehicles etc. Switchable and adjustable threshold to ensure the highest performance is maintained. Unlike some other noise blankers, this option even works well in AM mode, not just SSB.*

*Impulse noise blanker with switchable blanking periods (AM/SYNC 8mS / 12mS)*

*Adjustable trigger threshold (SSB/CW 1.5mS / 12 mS)*
*Two available blanking periods which operate in AM & SSB modes*
*15 kHz sensing bandwidth*

*Third part: Enhanced CPU*
*Operators always want more... and YES, feature rich as it is already, it is possible to add even greater facilities to the AR7030. A replacement plug-in CPU with additional plug-in EEPROM will provide around 400 memory channels, each capable of retaining a 14 character alphanumeric text comment.*

*When tuning across frequencies already stored in memory, the text display will be shown on the LCD for easy station identification. Multiple timers using data stored in memory allows multiple switch-on/off similar to a video recorder, ideal for unattended recording to tape. The enhanced CPU will be supplied as part of the NB7030 option but as a by-product will be available separately to those who desire the additional functionality without the noise blanker or notch filter. This is referred to as the FEATURES CPU, part number FPU7030.*

*CPU*
*Greater storage - plug in*
*400 memory channels*
*14 character alpha-tag per channel*
*extra features*
*excellent integration*

*AR7030 receiver retail price list - March 1997*

*The AR7030 is extremely compact so there is limited internal space for options. This internal cabinet space is considered to be in three sections. Generally speaking, each option (except for filters fitted directly to the main PCB) takes one space, the battery however takes two spaces. With this in mind it is theoretically possible to fit the crystal daughter board, notch/noise blanker PCB and WFM option all at the same time... but then there is no room for the internal battery. If the battery option is fitted then only one other option may be fitted in addition. Operation will usually fall into categories of "High Performance" or "Portability" so this should not cause too much of a problem. There is no fitting charge for options if ordered with a new AR7030 receiver.*
*Price: NB7030 Expected "around" GBP 198.00 inc VAT*
*Delivery early April'97*
*Features CPU price to be announced - Expected early April'97 (Enhanced microprocessor as shipped with NB7030.)*

AOR were planning to bring out an FM option for the AR7030. They currently report that there are no plans to do so because their market research indicates that there is not likely to be a demand for this product. If you know differently, tell AOR. It is "still under consideration".

More information can be obtained from:
AOR UK LTD, 4E East Mill, Bridgefoot, Belper, Derbys. DE56 2UA, England
Tel: 01773 880788 Int'l: +44 1773 880788
Fax: 01773 880780 Int'l: +44 1773 880780
e-mail: info@aor.co.uk WEB:
http://www.demon.co.uk/aor/index.htm

* * * * * *

Next month I want to start a discussion (OK., and yes, share my own pedantic views) on the subject of accurate tuning using modern communication receivers. If you would like to let me have you ideas on how to log accurately and the usefulness of doing so, do let me know. The more contributions I get from you, the less you will have to put up with from me.

* * * * * *

Every profession has its own dangers and diseases. A typist can get repetitive strain injury. A coal miner can suffer from conditions of the lung. An athlete suffers torn muscles. But do you as a DXer know what dangers you are exposing yourselves to?

I have given this matter a lot of serious thought recently and have come up with a few observations and solutions which I trust will prove useful.

Firstly there are the psychological dangers. Everyone knows, I presume, of narrowing of the mind which can follow listening to certain right wing broadcasters. There is also a condition which I have termed "number association fixation". Can you see an advertising board with the numbers 4753 or 4925 without thinking of Indonesia. If you can, you are safe. Me? Let me just say that when I was in the chemist shop the other day and saw 4711 perfume I had to rush home to see if there was a broadcast station there. Sadly, there isn't.

Another occupational hazard which can befall the regular DXer, is DXer's elbow. I refer, of course, to the roughening of the skin and slight bruising which can occur on the very point of the elbow after it is subjected to being rested nightly on the desk while the fingers twiddle a tuning dial.

I have overcome this by introducing the "DX-mat", for which I have world patent pending. What happened was (and this bit is truthful!), I found at work that somebody was throwing away a broken doll's (toy) bed. With it went a tiny pink mattress which is simply a piece of foam rubber covered with cotton, to make what is in effect a small pillow. It is 15 x 30 x 2 centimetres in size. I put it on my desk, and it does make my elbow more comfortable. Barbara, (her indoors), in a moment of ironic humour has drawn the DSWCI logo on it. And so I have the first DX mat. Now there is a real opening for a would-be entrepreneur. I am sure clubs could issue their own, with complex tapestries on them like miniature kneeling-cushions in church.

* * * * * *

Here is a really nice tribute to what member Rumen Pankov has done to assist DXer Dan Henderson.
*Rumen has personally assisted me in getting mail to and from Moldova, which at least for us from North America, is a very difficult thing to do. I have received QSL cards from Radio Moldova International, Radio Dniester International, and Radio Priednestrovye during the past several months, and only through his good auspices has this occurred. I know that at least one other DXer in NA, Ed Kusalik, also has been the beneficiary of his good services. He doesn't ask much for this service, just a $USD or 2 for each report to cover postage, which apparently is very high in Bulgaria. His QSL service, which is mentioned in the Passport '97, is been very good to me, and is conducted very professionally.*

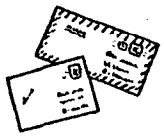
It's great that we all take part in a hobby where, almost without exception, people take so much obvious pleasure in helping others. Unlike so many other areas in life.....

* * * * * *

I am Don Phillips
197 Queensgate Bridlington YO16 5QU, U.K.
phone - 01262-672316
e mail 101521.2167@compuserve.com Mail me!

# QSL CORNER

editor : marc decock
lellestr.10
b-8552 moen
. belgium



## BROADCASTING

### EUROPE

**AUSTRIA**
R Melody, Salzburg 101.8 MHz ppc after f/up
addr.: Am Messezentrum, Bessarabierstr. 83, A-5020 Salzburg, Austria. 12m NR

**BELGIUM**
R Houtland, Koekelare 105.8 MHz lr, sts
addr.: Postbus 19, B-8680 Koekelare. 5d MD
BRTN 1512 cd 1w BH
RVI 1512 special 'Cooperative Adventure Express'-cd 4w ASL

**CZECH REPUBLIC**
R Nova Alfa, Brno 87.6 MHz nd lr, books, info 3m TM
R Prague 90.9 MHz cd, st, info 2w BH

**CROATIA**
R Virovitica 88.3 MHz fd cd V/s Mirjana Popovic 11w TM

**FINLAND**
YLE Kuopio 98.1 MHz fd lr, info V/s Jarmo Itkonen 3m TM

**FRANCE**
Fréq. Verte, Wiwersheim 92.8 MHz ppc, lr, info
addr.: 1 Route de Saverne, F-67370 Wiwersheim 4w NR
12 FM, Rodez 102.2 MHz nd lr, st 2w TM
R F Limoges 103.5 MHz fd lr V/s J P Sourisseau, Dir 3w TM
R F La Rochelle 103.9 MHz pd lr V/s E Durin, Dir 38d TM
R F Alsace 1278 fd lr 2w BH
R F Urgences, Lille 1377 lr 4d CG
RSF Saint Flour 105.7 MHz pd lr V/s B Enjalvin, Prés. 3w TM

**GERMANY**
Antenne Sachsen 106.9 MHz fd lr 2w BH
MDR1 R Thüringen 97.8 MHz cd, sts, info 2w BH
N-You R 94.7 MHz cd (hrd on Fehmarn Isl.) 1w BH
NDR1 Welle Nord 97.8 MHz cd (hrd on Fehmarn Isl.) 1w BH
Delta R 104.1 MHz lr, sts (hrd on Fehmarn Isl.) 1w BH
Ostseewelle-MV 107.3 MHz fd lr, st (hrd on Fehmarn Isl) 1w BH
Antenne Brandenburg 106.2 MHz cd 2w BH
Inforadio Berlin 104.4 MHz cd 1w BH
BB R 104.3 MHz lr, st (rp) 25d ASL
Ostseewelle 107.6 MHz lr, st, info 24d ASL
Antenne Mecklenburg-Vorpommern 105.1 MHz lr, st, pen 11d ASL
Deutschlandradio 6005 brochures, skeds 25d ZL
AWR Jülich 7110 fd cd 47d CG

**GREECE**
R Drinoupoli, Konitsa 89 MHz fd cd, st, books
v/s Dimitris Kalliakmanis 12d TM
Akhaia FM, Patras 90 MHz fd lr, postcd, cassette with Greek mx V/s Khristos Albanis 11w TM
Aristera Sta FM 90.2 MHz pd lr V/s Vasilis Gravanis 5w TM
R Arhangelos 94.1 MHz pd lr, st (f/up) 8w TM
VOA Rhodes 7115 fd cd 22d CG

**HUNGARY**
City R, Siofok 1602 nd lr, st V/s Fonay Imre 1w TM
City R, Debrecen 92.3 MHz pd lr V/s Mircz Narcisz 8d TM

**ICELAND**
R Iceland 11402 cd 2m AM

**IRELAND**
UCB Europe 6200 fd cd, lr (1 $) 13d ABr
UCB Europe 6203 cd, info 2w NR

**ITALY**
Nuova R Base A 735, Volturino 87.5 MHz pd lr, st (f/up) 7w TM
R Hobby Network, Trapani 88 MHz pd lr 3w TM
R Internazionale, Olbia 88.35 MHz pd lr, cds, info 3m TM
R Emittente Sud 91.7 MHz nd lr 7w TM
R Time Frosolone 94.15 MHz nd lr after f/up 4w TM
R Horizon (via IRRS) 7125 lr 9w NR; 58d CG; 2m JW
addr.: PB 80, NL-5595 ZH Leende, Netherlands.

KIWI R 7125 fd cd ($) 21d CG
KIWI R 7125 cd, sts, info (2 $) 15d ASL
R Casablanca 3985 cd, lr ($) 18d ASL
Rock-it R 3985 cd, info ($) 18d MGa
(all via IRRS)

**KALININGRAD**
R ABC Denmark 7570 cd, info 6m NR; 173d ABr; 185d ASL; 198d JW; 193d CG

**LITHUANIA**
R Vilnius 9710 cd 27d ASL

**LUXEMBOURG**
R Ara 103.3 MHz ppc, sts, info after f/up
(4 weeks later rcvd nice G lr) (hrd in LUX) 7m NR
Den Neie R 104.2 MHz ppc, business cd, st, folder
(hrd in LUX) (f/up) 7m NR

**MOLDOVA**
R Moldova Int'l 7520 fd cd (1 $)
(via Rumen Pankov. Tnx!) 205d JW

**MONACO**
ERF 7160 cd 21d SP

**NETHERLANDS**
Hit R Veronika 1224 fd lr, sts 3w BH
Jazz R 1395 lr, info (1 irc) 10d ASL

**NORWAY**
RNI 1314 cd, st 6w BH
RNI 9590 cd 20d SP
RNI 9985 cd, st, sked ?d ZL
R Denmark relay 11830 cd, lr, sked (1 irc) 14d ASL

**POLAND**
R Maryja 5970 pd lr, info V/s O. Jan Mikrut 9w TM

**PORTUGAL**
R Portugal 6130 fd cd, st 11d CG

**RUSSIA**
R Odin, St Petersburg 71.66 MHz pd lr 2m TM
R St Islamskaya Volna 6005 cd 11m VK

**SLOVAKIA**
AWR Europe 5905 cd 60d SP

**SPAIN**
R Pinatar 87.9 MHz fd lr, info 11w TM
RP Gijon 88.2 MHz pd form lr 2w TM
DIAL Yecla 89.4 MHz nd cd 7w TM
OCR Leganes 89.9 MHz nd lr after f/up 1m TM
M 80 Alicante 90 MHz nd form lr V/s Emilio Mora, Jefe 3w TM
OCR Santander 91.9 MHz pd cd V/s Carlos Angulo Lopez 3w TM
OCR Lerida 94.1 MHz nd lr 2w TM
R 5 Elche 96.9 MHz nd lr V/s Pedro Soriano Aliaga 5w TM
Cadena 40, Jaen 96.9 MHz fd cd after f/up 5m TM
DIAL Valencia 98.4 MHz fd cd 2w TM
Munguia Irratia 107.7 MHz nd cd 5w TM
R Algeciras 1260 fd cd 6w TM
R Murcia 1260 pd cd V/s Benjamin Llorens Brotons, Dir 3w TM
SER R Murcia 1260 fd cd, sts (same v/s) 26d LR
SER R Bilbao 990 fd cd, used stamps (irc) 11d LR
SER R Lugo 1287 fd cd (irc) 8d LR
SER R Valencia 1179 FD cd (irc) 31d LR
SER R Zamora 1485 fd lr, tourist info
v/s Carlos Pedrero, Jefe Progr. (irc) 15d LR
SER R Cordoba 1575 fd lr, sts (IRC)
v/s Tomas Rios, Dir tecnico 11d LR
OCR R Toledo 1080 fd lr (irc) 12d LR

**SWEDEN**
Energy 105.3 MHz fd lr, st V/s Eva Sandahl 1m TM
Megapol, Sörmland 107.3 MHz pd lr after f/up 61d TM

**SWITZERLAND**
SRI Bern 6165 cd 4w BH
R China Int'l relay 3985 cd 30d SP

**UKRAINE**
R 75, Sevastopol 6290 fd cd (1 $) 56d CG

**UNITED KINGDOM**
Amber R, Norwich 1152 lr V/s Robert Mullender 2w JR
Sunrise R 1458 nd lr 2w BH
Max AM 1548 fd lr, sts 1w BH
Gemini R 97 MHz fd cd 4m TM
BBC R Scotland 810 fd lr 1w BH
BBC R Wales 882 fd lr 1w BH
BBC R Essex 95.3 MHz pd lr, cov. map, info 2w TM
BBC R Cambridgeshire 96 MHz pd lr, info 25w TM
KBS Skelton 3970 fd cd, 3 tapes with Korean lang lessons, CD-rom with Korean history 72d CG
KBS Skelton 3970 cd, sked, info Rpt to G bureau at :
Am Tautersberg 4, D-55122 Mainz. 37d ASL

**VATICAN CITY**
R Vaticana 1530 cd via Ital section 15d SP

YUGOSLAVIA
R Safir, Pancevo 107.7 MHz nd cd after f/up 10d TM

++++++++++++++++++++++ AFRICA ++++++++++++++++++++++

BOTSWANA
R Botswana 4830 cd 14w JR

DJIBOUTI
R Djibouti 1539 pd cd 3w TM

ETHIOPIA
R Fana 6210 cd V/s Mulugeta Gessese, Gen Man 5w VK

KENYA
KBC Maralal 1386 pd lr (taped rpt, irc)
addr.: Box 38, Maralal, Kenya 38d MGa

MADEIRA
RDP Funchal 531 fd cd (hrd on MDR) (ms) 174d CG

NIGERIA
Ogun State BC, Abeokuta 1170 nd lr, sked
v/s Kehinde-Kehinde-Adeniyi, Progr Man 3w TM

SOUTH AFRICA
Good News Community R, Durban 98 MHz pers lr, nx lr, sked
v/s Christo van Eeden 6w VK
R Safari, Hoedspruit 94.4 MHz pers lr 8m VK
R Today, Jo'burg 1485 pers lr V/s Gerrie van Wyk 7m VK
R Kudirat (Sentech) 6205 cd, info 40d ZL

ST. HELENA
R St Helena 11092 fd cd, info (faxed rpt) 55d JW

++++++++++++++++++++++ ASIA ++++++++++++++++++++++

ARMENIA
Armenian R 1 67.2 MHz pd lr (f/up) V/s L. Ananikjan 7w TM
TWR Yerevan 864 cd, pennant, sked, relig info 2w VK

CYPRUS
CBC 91.1 MHz cd (1 irc) (hrd on CYP) 270d ASL

INDIA
AIR Thiruvananthapuram 5010 fd cd (direct!!) 19d MGa

INDONESIA
RRI Ternate 3345 fd cd
v/s Abd. Latief Kamarudin, Stn Man 11w TM

JAPAN
JOUP R Osaka 1314 cd, pers lr, sked 6m VK
R Tampa 9595 cd; sked 60d ZL 60d ZL

JORDAN
R Jordan 11690 fd cd, sts, sked (E rpt, taped, irc, 1 $)
V/s Mr Jawad Zada, Dir at PObox 909, Amman 58d GMW

KAZAKHSTAN
R Free Asia relay 5865 lr, st 5m JW

KUWAIT
VOA 1548 cd, calendar, info 5w NR

LEBANON
R One FM 105.5 MHz lr, pers lr, sts (hrd on CYP) 70d ASL

MYANMAR
R Myanmar 7185 nice pd cd, sked 65d MGa

PAKISTAN
R Pakistan 17900 2 cds, info 30d SP

PHILIPPINES
R Veritas Asia 9560 fd cd, sked, rpt-form (irc) 62d JW

SINGAPORE
R Japan relay 11920 cd, calendar, st, sked, mag, info 5w VK

TAIWAN
CBS 3335 fd cd (taped rpt, IRC) 84d LR
V of Free China 5810 cd 30d SP

TURKEY
TRT Ankara 9445 HANDWRITTEN QSL 6w BH

++++++++++++++++++++++ PACIFIC ++++++++++++++++++++++

AUSTRALIA
R Australia, Shepparton 7380 cd, lr, calendar, leaflet 2m AM

GUAM
AWR Asia 9495 cd 60d SP

PAPUA NEW GUINEA
NBC 4890 fd cd (1 $) 193d ABr

++++++++++++++++++++ NORTH AMERICA ++++++++++++++++++++

CANADA
CHOK Sarnia ON 1070 fd lr, sts (1 $)
v/s Paul Godfrey, operations Man/ Progr Dir 28d LR
CKDY Digby NS 1420 ppc, sts (sae) 16d LR
CHIN Toronto ON 1540 pers lr, fd stencil, sked, st
v/s Cathy-Ann Percy (taped rpt, irc) 320d MGa
CJFX Antigonish NS 580 pd cd, lr V/s Andrea Dunphy17d MGa
CJYQ St John's NF 930 pd lr V/s H. Montbourquette 5w TM
CJME Regina SK 1300 pict. Postcd w/ text, sts 2w FK
CFRA Ottawa ON 580 lr V/s Harrie Jones, Ch Eng 6w FK
CFTR Toronto ON 680 lr, st, keyring 2w FK
CHRB High River AB 1140 lr V/s Keith Leask, Oper Man3w FK
CKOC Hamilton ON 1150 lr, st V/s Dave Berry, Eng 2w FK
CKAD Middleton NS 1350 lr V/s Neil MacMullen, Pres 3w FK
CBG Gander NF 1400 cd 3w FK
CFUN Vancouver BC 1410 e-mail verie V/s Dave Youell 3w FK
CRI 9560 cd, sked 3m VK
RCI 17820 cd, sked, pennant, st 39d ASL

U. S. A.
KMOX St. Louis MO 1020 fd lr, sts (1 $)
v/s Paul Grundhauser, Manager techn ops 86d LR
WLPZ Westbrook ME 1440 lr after 3 f/ups
v/s Tim Moore (now WJAB) (ms) 17d LR
WNRB Boston MA 1510 cd 6w JR
WTAM Cleveland OH 1100 lr, keyring 3w FK
KSL Salt Lake City UT 1160 cd 2w FK
WXTC Charleston SC 1390 lr V/s Pam Morgan 4w FK
WOC Davenport IA 1420 formlr V/s Jon Book, Eng 3w FK
WENE Endicott NY 1430 e-mail verie 3w FK
WLPZ Westbrook ME 1440 formlr V/s Tim Moore 4w FK
WGNA Latham NY 1460 stencil, sts 3w FK
WSAR Somerset MA 1480 lr V/s Mark McMillen, Eng 4w FK
KGA Spokane WA 1510 thank you e-mail, saying verie is on
its way; few days later lr, st, leaflet 4w FK
WQEW New York NY 1560 pd lr V/s Stan Martin, Man 6w TM
WSMN Nashua NH 1590 pd lr V/s Maurice R. Parent 11w TM
WVHA 9930 lr, sked, relig info
rpt to : MEFAG, Elstergasse 21, D-13505 Berlin 17d ASL
WALN, via WWCR 12160 nd WWCR-cd, sked, st, info
addr.: WALN, POBox 1434, Allentown PA 18105. 31d MGa
WEWN 5825 cd 30d SP
WYFR 9455 cd 70d SP
R Horizon, via WRMI 9955 formlr, st
v/s Marcel Rommerts, QSL secretary 12w VK

++++++++++++++++++ CENTRAL AMERICA ++++++++++++++++++

DOMINICAN REPUBLIC
R Cristal Int'l 5012 cd (4 m after verie by letter) 6m NR
R Cristal Int'l 5012 CD V/s Fernando Hermon 15wTHE; 7wMGa

GUATEMALA
R Coatan 4780 pd lr V/s Domingo Hernandez, Dir 4½m TM
AWR R Union 5981 cd after f/up 120d THE

NETH. LEEWARD ANTILLES
DW 5960 cd V/s B. Klaumann 8m VK

PUERTO RICO
WNEL R Tiempo, Caguas 1430 fd lr (Sp rpt, 1 $)
v/s Luis A. Soto, Dept Ingeniria 47d LR

TURKS & CAICOS ISLANDS
Caribbean Chr R 1020 fd cd (irc) 42d LR

++++++++++++++++++++ SOUTH AMERICA ++++++++++++++++++++

ECUADOR
LV de los Caras 4795 lr after f/up 6w TM
R Jesus del Gran Poder 5050 nd lr 6w TM
HCJB 11615 2 cds 60d SP

GUYANA
Guyana BC 3290 fd lr, Xmas cd (1 $)
v/s Indira Anandjit, Pers Assistant 160d JW
Guyana BC 3290 pd lr, NY-greetings (same v/s) 12w TM

URUGUAY
CX42 Em Ciudad de Montevideo 9650 nd cd, st
v/s Aramazd Yizmenian, Dir 34d RoH; 3w TM

СТАВРОПОЛЬСКАЯ АКЦИОНЕРНАЯ
АВИАКОМПАНИЯ
355010, г.Ставрополь, аэропорт

## UNOFFICIAL RADIO

R Dr Tim 6308 fd lr, st, info (ms) 86d LR
R Freedom 6250 fd lr, info (irc) 5d LR
R Nordsee Int'l 6217 cd 4w JR
UK R 6266 cd, lr 2w JR
City FM 6275 cd, lr (1 $) 19d ASL
R Grensjager 6215 fd lr (1 $) 6d ABr
R Grensjager 6245 lr, info (1 $) 24d ASL, 6d ABr
R grensjager 6265 fd lr, info (1 $) 6d ABr
The Fox AM 6289 cd, pers lr (rpt by phone) 44d ASL
R Pandora 6239 cd, pers lr, info (1 $) 39d ASL
R Free London 6400 lr (2 IRC) 82d ASL
Dire Waves R 7306 fd lr (1 $) 45d ABr
R Bremen 6260 fd cd, lr, st 4d ABr
IHR Voice of Basel 6285 fd lr (1 $) 6d ABr
City FM 6275 fd cd, lr (2 DM) 37d ABr
R Mistero Ghost Planet 7280 fd cd, lr (1 $) 91d ABr
ABC Dublin 6939 fd cd, lr, st (1 $) 12d ABr
KIWI R 7475 fd cd, lr (1 $) 31d ABr
Delta R UK 6290 fd cd, lr (1 $) 79d ABr
R Spaceman 3910/3915 fd lr (1 $) 8d ABr
Freestyle R 6252 fd lr (1 $) 42d ABr

## UTILITY STATIONS

AUSTRALIA
VIM Melbourne R 8606 lr 3w JR

BELARUS
FC NDB Svir 400 ppc via centr addr 3w NR

CANADA
VCM St Anthony CG 2598 fd lr (irc) 390d LR

CROATIA
VRS NDB Vrsar 369 ppc, lr, viewcd
addr.: North Adria Aviation, Vrsar Airport, HR-52450 Vrsar, Croatia. V/s Anton Micetic, CPL 3m NR

DENMARK
ST NDB Stevns Lt 290 ppc, lr 3d THE; 4m NR
TW NDB Thisted 394 lr 40d THE
HP NDB Esbjerg 376 lr 3d THE
NA NDB Nakkehoved Lt 306 lr 3d THE
SG NDB Sjællands Odde Lt 310 lr 3d THE
MN NDB Hammarodde Lt 289 lr 3d THE
BH Blavands Huk Lt 296 lr 3d THE
GR NDB Gedser Lt 303 lr 3d THE
TE NDB Thisted 331 lr 1w JR
KD NDB Kolding 357 lr 3w JR
Lyngby R 1704 fd cd (1 $) 7d JW

ESTONIA
EWZ NDB Viljandi 406 ppc, lr 3w NR
L NDB Tallinn 418 ppc, lr 3w NR
LK NDB Tallinn 386 ppc, lr 3w NR
v/s Mr. Mati Tarlap, Ch of Technical Development Subdiv, addr.: Lennuliiklusteeninduse Keskus, Estonian Air Navigations Services, Lennujaama 2, EE-0011, POBox 9, Tallinn, Estonia. Fax-nr : 372 6258 200.

FINLAND
LIE NDB Turku 361 cd, folder 13d THE

FRANCE
NS NDB Niort-Souché 329 ppc, lr, viewcd
addr.: Chambre de Commerce et d'Industrie des Deux-Sèvres, Aérodrome de Niort Souché, Avenue de Limoges, F-79000 Niort, France. 4w NR
OLS NDB Paris Orly 328/ORW NDB Paris Orly 402 ppc 6w NR
PRD NDB Peyrehorade 470 ppc (10 W)
Thanks to MO for identifying. Rpt was sent to Dax Airport, ppc was also postmarked there, but not 100% sure whether PRD is operated by Dax Airport.
V/s was 'Le Capitaine Cascail, Commandant l'Escadrille des Services d'Aérodrome. 4m NR
RSO NDB Paris De Gaulle 364 ppc
addr.: Aéroports de Paris, Service Technique de la Sécurité Aérienne Nord, Bâtiment CANA, Rue de l'Echelle, B.P. 20102? F-95711 Roissy Ch de Gaulle Cedex 6w NR
Marseille R 1906 lr, saying the stn has been taken over by Boulogne-sur-Mer R in dec. '96 1w JR
FFE 4 St Lys R 8522.5 fd cd 12d MGa

GERMANY
EH NDB Egelsbach 386 ppc
addr.: Hessische Flugplatz GmbH, Egelsbach Haus 5 + 6, D- 63329 Egelsbach. 10d NR
FUL NDB Fulda 376 ppc via Frankfurt 3w NR
MBA NDB Mansdbach 289 ppc via Frankfurt 3w NR
NDO NDB Nordholz 372 ppc
stamped as : Marinefliegergeschwader 'Graf Zeppelin', Fliegende Gruppe, SATCO 4m NR
Rügen R 2775 fd QSL-sheet 6d JW

ITALY
CAG NDB Cagliari-Elamas 371 ppc 2w NR
CAR NDB Carbonara 402 ppc via Cagliari
stamped by 'ENTE Nazionale di Assistenza al Volo, C.A.A.V. Cagliari' 2w NR
URB NDB Roma Urbe 285 direct ppc
stamped as Azienda Autonoma di Assistenza al Volo per il Traffico Aereo Generale, C.A.A.V. Roma/Urbe, Sezione Operativa V/s E.A.V. Giovanni Maria Banni 3w NR

MOROCCO
NDR NDB Nador 414 ppc, lr, viewcd
addr.: Royaume du Maroc, Office National des Aéroports, Aéroport Nador-Taouima, Nador, Maroc 4w NR

NORWAY
GF NDB Oslo Fornebu 376 ppc via centr addr 5w NR
TAR NDB Orland Tarva 349 ppc via centr addr 5w NR
ODR NDB Kristiansand 372 lr 75d THE
DA NDB Torp Dalen 404 lr 75d THE
MR NDB Skien 389 lr 75d THE
Orlandet R 2635 lr 4m JR
LN2A beacon 5470 cd 3w JR

POLAND
RO NDB Rozewie 310.5 ppc via centr addr 3w NR

ROMANIA
YQI Constanta R 8459 ppc, lr 3w NR

RUSSIA
NDB ??? Stavropol 358 ppc (call?? Ed)
addr.: Stavropolskaja Akzionernaja Aviakompanija, Aeroport, ROS-355010, g. Stavropol 4w NR
UVA Gelendhzik R 4231.5 ppc, photo 2m JR
RWM TS, Moscow 4996 cd, lr (taped rpt) 7d JR

SLOVAK REPUBLIC
DBV NDB Dubove 310 ppc via Bratislava 2w NR
JEL NDB Jelsava 489.5 ppc via Bratislava 2w NR
K NDB Kosice 385 ppc via Bratislava 6w NR

SPAIN
CST NDB Costix 351 ppc via Mallorca 2w NR
PTC NDB Porto Colom 401 ppc via Mallorca 2w NR
MN NDB Menorca 344 direct ppc, lr, viewcd, info
addr.: Aena, Direccion regional de Navegacion Aerea, Region Balear, Aeropuerto de Menorca,E-07712 Mahon. v/s Francisco Orfila Pons, Jefe de Mantenimiento 2w NR
SN NDB Cabo S Sebastian 291 lr via centr addr 10d NR
ZRZ NDB Zaragoza 389 cd, lr via centr addr 6w NR

SWEDEN
WS NDB Soderhamn 365 ppc via centr addr 2w NR
AH NDB Angelholm 417 lr V/s Hans Nilsson 44d THE
PEO NDB Nyköping 398 cd V/s Rolf A. Carlsson 9d THE
OHT NDB Stockholm Arlanda 370 lr V/s Sune Aminder 10d THE
GS NDB Gävle Sandviken 346 cd V/s Sture Westberg 19d THE
GRE NDB Grebbestad 418 lr V/s Bertil Bengtsson 24d THE
ORU NDB Orust 425 lr 3w JR

UKRAINE
USU Mariupol R 8620 ppc in nice envelope 2w NR
v/s V. Borovik, Manager of Broadcasting Dept. of AzSCo

UNITED KINGDOM
BZ NDB Brize Nortron 386 ppc, handwritten lr, viewcd, mag.
addr.: Royal Airforce Brize Nortron, CIS ENG FLT, Carterton, Oxfordshire, OX18 3SD, England 8w NR
PW NDB Prestwick 426 lr (promised tea when I visit them)3w JR
Belfast CG 2182 lr 2w JR
Clyde CG 2182 lr 1w JR
Stornoway CG 2182 lr 2w JR
Shetland CG 2182 lr 3w JR
GKE7 Portishead R 22377 fd cd (sae not used) 7d LR

U. S. A.
WSC Tuckerton R 16916.5 ppc, lr, info 4w BH

VENEZUELA
YVTO Caracas TS 5000 cd, infos 6w BH

THIS MONTH'S CONTRIBUTORS : MD Marc Decock, BEL; THE Torre Ekblom, DNK; JR Jan Rasmusson, S; BH Bernhard Hein, D; CG Christian Ghibaudo, F; GMW G. Michael Woloch, CAN; JW Jürgen Waga, D; MGa Matthias Gatzke, D; ASL Alexander Schulz-Luckenbach, D; LR Lionel Roithmeir, G; NR Norbert Reiner,D VK Vashek Korinek, AFS; TM Tibor Mikola, HNG; ZL Zacharias Liangas, GRC; ABr Achim Brückner, D; FK Finn Krone, DNK; Rolf Roland Höller, D; SP Salvatore Placanica, I; AM Aleksandr Mokrushin, RUS. That's all for now. Best 73's de MD.

| No.: | Member's Name: | Country: | 1st e-mail address: | 2nd e-mail address: | 3rd e-mail address: |
|---|---|---|---|---|---|
| 2500 | Gabriel Ivan Barrera | Argentina | barrera@arg.sicoar.com | | |
| 3300 | John Kecskes | Australia | cabby@emu.melbpc.org.au | | |
| 3515 | David Diamond | Australia | ddiamond@melbpc.org.au | | |
| 2933 | Christoph Ratzer | Austria | ratzer@ping.at | christoph.ratzer@compuserve.com | |
| 2759 | Ludo Maes | Belgium | Ludo.Maes@ping.be | | |
| 1345 | Karel Honzik | Czech Rep. | khonzik@bbs.infima.cz | | |
| 93 | Kaj Bredahl Jørgensen | Denmark | dswci@centrum.dk | | |
| 99 | Anker Petersen | Denmark | 100413.2375@compuserve.com | ankerP@compuserve.com | |
| 143 | Finn Krone | Denmark | krone@dk-online.dk | | |
| 250 | John Lund | Denmark | johnlund@post3.tele.dk | | |
| 557 | Rafael Calabuig | Denmark | calabuig@post4.tele.dk | | |
| 661 | Stig Hartvig Nielsen | Denmark | hartvig@cybernet.dk | | |
| 1043 | Jens Søndergaard | Denmark | sndgaard@inet.uni-c.dk | | |
| 1405 | Danmarks Radio/Erik Køie | Denmark | rdk@dr.dk | ehk@dr.dk | rdk.ek@login.dknet.dk |
| 2470 | Ydun M. Ritz | Denmark | eritz@post2.tele.dk | | |
| 3017 | Claus Petersen | Denmark | claus_petersen@online.pol.dk | cp2605@cybernet.dk | |
| 3273 | Niels A. Holst | Denmark | nah@post4.tele.dk | | |
| 3418 | Christopher Siboni | Denmark | chsi@cybernet.dk | chsi@pop.agora.dk | |
| X009 | EDXC, Risto Vahakainu | Finland | vahakainu@cc.Helsinki.Fi | | |
| 3039 | Francis Mougenez | France | francis.mougenez@hol.fr | | |
| 3160 | Norbert Fouquet | France | norbert.fouquet@hol.fr | | |
| 1213 | Hartmut Wolff | Germany | wolff.h@t-online.de | | |
| 1331 | Wolfgang Büschel | Germany | 100523.3446@compuserve.com | | |
| 1499 | Bernhard Hein | Germany | hein.dx@t-online.de | (from the end of April 1997) | |
| 1705 | Klaus Gaulke | Germany | kegaulke@aol.com | | |
| 1767 | Jörg Klingenfuss | Germany | 101550.514@compuserve.com | | |
| 2411 | Mathias Kropf | Germany | 100144.232@compuserve.com | | |
| 2699 | Joachim Stiller | Germany | JST@TRASHCAN.mcnet.de | | |
| 2710 | Henning Sandte | Germany | hsandte@t-online.de | | |
| 2765 | Rainer Brannolte | Germany | brannolte@bio1.bio.th-darmstadt.de | | |
| 2897 | Harald Kuhl | Germany | kuhl@mungo.physik4.gwdg.de | | |
| 2965 | Martin Elbe | Germany | elbe@wolfsburg.de | | |
| 3032 | Peter Schöltzel | Germany | 100135.3455compuserve.com | | |
| 3087 | Achim Brückner | Germany | frfreak@t-online.de | | |
| 3333 | Klaus-Dieter Scholz | Germany | kdscholz@aol.com | | |
| 3374 | Thomas Lindenthal | Germany | lindenthal@europeonline.com | | |
| 3411 | Hans Kröger | Germany | 101535.1336@compuserve.com | | |
| 3511 | Thorsten Koch | Germany | thorsten.koch@informatik.uni-oldenburg.de | | |
| 3507 | Zacharias Liangas | Greece | zliangas@athena.compulink.gr | | |
| 823 | Francesco Clemente | Italy | fclemente@xnet.it | | |
| 1275 | Fabrizio Magrone | Italy | fmagrone@mbox.queen.it | | |

DSWCI member's e-mail addresses

| | | | |
|---|---|---|---|
| 1874 | Pierluigi Rossi | Italy | Pierluigi.Rossi@tlsoft.it |
| 3206 | Giovanni Serra | Italy | g.serra@iol.it |
| 3299 | Beppe Gornati | Italy | bgornati@galactica.it |
| 3481 | Bruno Pecolatto | Italy | pecolatto@eponet.it |
| 3288 | Mizuno Mitsuaki | Japan | s9664008@post01.osaka-gaidai.ac.jp |
| 3135 | Valery N. Ostroverkh | Kazakhstan | valery@ics.karaganda.su |
| 489 | Wouter St. Franken | Netherland | wfranken@worldaccess.nl |
| 1483 | Max van Arnhem | Netherland | mvarnhem@worldaccess.nl |
| 1590 | Jonathan Marks | Netherland | jonathan.marks@rnw.nl |
| 1657 | Andy Sennitt | Netherland | andy@euronet.nl |
| 3138 | Bart Kuperus | Netherland | bartk@euronet.nl |
| 3383 | Mark Veldhuis | Netherland | mark.veldhuis@tip.nl |
| 3505 | Piet Pijpers | Netherland | piet.pypers@net.HCC.nl |
| 3404 | Geofrey Clemitson | South Africa | clemitson@pixie.co.za |
| 740 | G. Victor Goonetilleke | Sri Lanka | victorg@sri.lanka.net |
| X005 | Eter-Aktuellt | Sweden | eteraktuellt@mailbox.hogia.net |
| 1209 | Hermod Pedersen | Sweden | hermod@sds.se |
| 1365 | Tibor Szilagyi | Sweden | seskfhfj@ibmmail.com |
| 3047 | Ove Fransson | Sweden | ove.fransson@mailbox.malmo.se |
| 3053 | Wian Stienstra | Sweden | wian@compuserve.com |
| 3110 | Volvo DX Klubb, Lars Wieden | Sweden | vp.wieden@memo.volvo.se |
| 3468 | Anders Hultqvist | Sweden | ahk@algonet.se |
| 3485 | Stefan Hajosi | Sweden | stefan.hajosi@goteborg.mail.telie.com |
| 3029 | Hans van den Boogert | Taiwan | hansfong@ms2.hinet.net |
| 1162 | Philip D. Thomas | UK | pzdt@binternet.com |
| 1280 | Alan Roe | UK | 100306.1311@compuserve.com |
| 1914 | Ken Baird | UK | cluser21@south-ayrshire.gov.uk (until June) |
| 3040 | John L Evans | UK | john.evans@uteshack.demon.co.uk |
| 3230 | Don Phillips | UK | 101521.2167@compuserve.com |
| 836 | Dan Henderson | USA | dandanz@aol.can (?) |
| 2812 | Richard A. D'Angelo | USA | r.dangelo3@genie.geis.com |

**Next deadline: April 17th 1997 (*)**
**April 24th 1997**


# WORLD MEDIA

## The latest news on the broadcasting industry from the BBC

This detailed weekly paper will keep you up to date with the latest developments in radio, television, cable and satellite communications around the world.

Used as a prime source of information by major publishers, broadcast engineers, international broadcasters, media consultants and businesses worldwide.

Available in two parts, ***Broadcasting News*** and ***Broadcasting Schedules***.

***NOW available through the Internet***
(see http://www.monitor.bbc.co.uk)

For a **FREE** sample copy contact: The Marketing Department, BBC Worldwide Monitoring, Caversham Park, Reading RG4 8TZ, UK.
Tel: 44 (0)1734 469289 Fax: 44 (0)1734 463823
E-mail: 100431.2524@CompuServe.com

| Prices (including airmail postage outside the UK) | | | |
|---|---|---|---|
| Broadcasting News | UK £390 | Europe £420 | RoW £435 |
| Broadcasting Schedules | UK £105 | Europe £130 | RoW £145 |
| Combined | UK £445 | Europe £485 | RoW £500 |

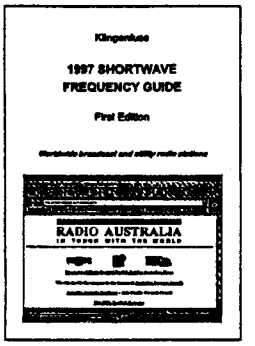
BBC WORLDWIDE

# 1997 SHORTWAVE FREQUENCY GUIDE

**worldwide broadcast and utility radio stations!**

484 pages · DM 50 / £ 23 / $ 35 (international airmail + DM 15)

Finally ... a *really* up-to-date handbook with the latest 1997 broadcast schedules compiled end November and available here in Europe only *ten days* later! Modern layout allows easy use and quick information access. User-friendly tables include 11,500 entries with all clandestine, domestic, and international broadcast stations worldwide from our *1997 Super Frequency List on CD-ROM* (see below). Another 13,800 frequencies cover all utility stations worldwide. A solid introduction to *real* shortwave monitoring is included as well, plus 1,160 abbreviations. The right product at the right moment for worldwide listeners, radio amateurs and professional monitoring services alike - at a sensational low price!




# 1997 SUPER FREQUENCY LIST ON CD-ROM

**now includes all broadcast stations worldwide!**

DM 60 / £ 27 / $ 42 (international airmail + DM 5)

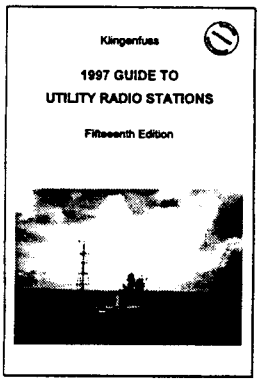
11,500 entries with latest schedules of all clandestine, domestic and international broadcasters on shortwave, compiled by top expert Michiel Schaay from the Netherlands - now available as a standard *.dbf* file for open access! 13,800 special frequencies from our international bestseller *1997 Utility Radio Guide* (see below). 1160 abbreviations. 14,100 formerly active frequencies. All on one CD-ROM for PCs with Windows™ or Windows95™. You can search for specific frequencies, countries, stations, languages, call signs, and times, and browse through all that data within milliseconds. It can't get faster than this!

# 1997 GUIDE TO UTILITY RADIO STATIONS

**includes latest Red Cross and UNO frequencies!**

588 pages · DM 80 / £ 36 / $ 56 (international airmail + DM 15)

*The* international reference book for the really fascinating radio services on SW: aero, diplo, maritime, meteo, military, police, press, and telecom. The conflicts on the Balkan and in Africa and Asia are perfectly covered. 13,800 *up-to-date* frequencies from 0 to 30 MHz are listed, including the very latest frequencies used now during the sunspot minimum. We are the world leader in advanced teleprinter systems monitoring and decoding! This unique reference book lists just everything: abbreviations, addresses, call signs, codes, explanations, frequency band plans, meteofax and NAVTEX and press schedules, modulation types, all Q and Z codes, and much more. Thus, it is the *ideal* companion to the publications above for the "special" stations on shortwave!




Special package price: CD-ROM + SW Frequency Guide = 100 DM. More package deals available. Plus: Internet Radio Guide = 50 DM. Worldwide Weatherfax Services = 60 DM. Double CD Recording of Modulation Types = 100 DM (cassette 60 DM). Radio Data Code Manual = 70 DM. Sample pages and colour screenshots can be viewed on our superb Internet WorldWideWeb site (see below). We have published our international radio books for 28 years. Payment can be made by cheque or credit card - we accept American Express, Eurocard, Mastercard and Visa. Dealer discount rates on request. Please ask for our free catalogue with recommendations from all over the world! ☺

**Klingenfuss Publications · Hagenloher Str. 14 · D-72070 Tuebingen · Germany**

**Fax + +49 7071 600849 · Phone + +49 7071 62830 · E-Mail 101550.514@compuserve.com**

**Internet http://ourworld.compuserve.com/homepages/Klingenfuss/**

Postbesørget blad
(4105 RGC)
Bladnr. 50468

YAESU

# FRG-100

## COMMUNICATIONS RECEIVER

## 50kHz-30MHz GENERAL COVERAGE

SANGEAN

## A WORLD OF LISTENING

BETAFON APS

Gyldenløvesgade 2 • 1369 København K
Telefon 33 14 12 33 • Fax 33 14 12 76